APPENDIX D-1

GROUNDWATER ANALYTICAL DATA

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW6010C	1/19/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW6010C	1/19/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW6010C	1/20/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW6010C	1/20/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW6010C	1/20/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW6010C	1/24/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW6020A	1/19/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW6020A	1/19/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW8011	1/26/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW8260C	1/27/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW8260C	1/27/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW8260C	1/27/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW8260C	1/27/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	E300.0	1/19/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	E300.0	1/19/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	E300.0	1/19/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	E353.2	1/21/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SM2320B	1/20/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SM2320B	1/20/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SM2320B	1/20/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW6010C	1/19/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW6010C	1/19/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW6010C	1/20/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW6010C	1/20/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW6010C	1/20/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW6010C	1/24/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW6020A	1/19/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW6020A	1/19/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW6020A	1/19/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW8011	1/26/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW8260C	1/28/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW8260C	1/28/2021
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW8260C	1/28/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	E300.0	1/13/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	E300.0	1/13/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	E300.0	1/13/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	E353.2	1/13/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SM2320B	1/13/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SM2320B	1/13/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SM2320B	1/13/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW6010C	1/13/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW6010C	1/13/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW6010C	1/13/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW6010C	1/13/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW6010C	1/15/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW6010C	1/15/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW6020A	1/13/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW6020A	1/13/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW8011	1/15/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW8260C	1/19/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW8260C	1/19/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW8260C	1/19/2021
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW8260C	1/19/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	E300.0	1/13/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	E300.0	1/13/2021

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Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	E300.0	1/13/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	E353.2	1/13/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SM2320B	1/13/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SM2320B	1/13/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SM2320B	1/13/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW6010C	1/13/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW6010C	1/13/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW6010C	1/13/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW6010C	1/13/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW6010C	1/15/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW6010C	1/15/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW6020A	1/13/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW6020A	1/13/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW8011	1/15/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW8260C	1/19/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW8260C	1/19/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW8260C	1/19/2021
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW8260C	1/19/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	E300.0	1/14/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	E300.0	1/14/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	E300.0	1/14/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	E353.2	1/15/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SM2320B	1/15/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SM2320B	1/15/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SM2320B	1/15/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW6010C	1/14/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW6010C	1/14/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW6010C	1/14/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW6010C	1/14/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW6010C	1/25/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW6020A	1/25/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW6020A	1/25/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW8011	1/18/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW8260C	1/19/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW8260C	1/19/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW8260C	1/19/2021
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW8260C	1/19/2021
KAFB-106013	GW013-211	1/12/2021	N	491 ft	4857	South of Ridgecrest	WG	1Q2021	410-26145-3	SW8011	1/16/2021
KAFB-106013	GW013-211	1/12/2021	N	491 ft	4857	South of Ridgecrest	WG	1Q2021	410-26145-3	SW8260C	1/20/2021
KAFB-106013	GW013-211	1/12/2021	N	491 ft	4857	South of Ridgecrest	WG	1Q2021	410-26145-3	SW8260C	1/20/2021
KAFB-106013	GW013-211	1/12/2021	N	491 ft	4857	South of Ridgecrest	WG	1Q2021	410-26145-3	SW8260C	1/20/2021
KAFB-106013	GW013-211	1/12/2021	N	491 ft	4857	South of Ridgecrest	WG	1Q2021	410-26145-3	SW8260C	1/20/2021
KAFB-106029	GW029-211	1/5/2021	N	451.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-13	SW8011	1/12/2021
KAFB-106030	GW030-211	1/5/2021	N	470.04 ft	4838	North of Ridgecrest	WG	1Q2021	410-25516-12	SW8011	1/12/2021
KAFB-106031	GW031-211	1/5/2021	N	495.88 ft	4814	North of Ridgecrest	WG	1Q2021	410-25516-11	SW8011	1/12/2021
KAFB-106032	GW032-211	1/6/2021	N	456.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-11	SW8011	1/13/2021
KAFB-106033	GW033-211	1/6/2021	N	477.25 ft	4838	North of Ridgecrest	WG	1Q2021	410-25683-12	SW8011	1/13/2021
KAFB-106034	GW034-211	1/6/2021	N	502.21 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-13	SW8011	1/13/2021
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	E300.0	1/11/2021
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	E300.0	1/13/2021
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	E300.0	1/13/2021
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	E353.2	1/8/2021
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SM2320B	1/8/2021
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SM2320B	1/8/2021

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Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SM2320B	1/8/2021
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SW6010C	1/8/2021
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SW6010C	1/8/2021
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SW6010C	1/11/2021
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SW6010C	1/11/2021
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SW6010C	1/11/2021
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SW6010C	1/11/2021
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SW6020A	1/8/2021
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SW6020A	1/8/2021
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SW8011	1/13/2021
KAFB-106049	GW049-211	1/6/2021	N	457.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-8	SW8011	1/13/2021
KAFB-106050	GW050-211	1/6/2021	N	473.91 ft	4838	North of Ridgecrest	WG	1Q2021	410-25683-9	SW8011	1/13/2021
KAFB-106051	GW051-211	1/6/2021	N	501.08 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-17	SW8011	1/13/2021
KAFB-106097	GW097-211	1/12/2021	N	508 ft	4838	South of Ridgecrest	WG	1Q2021	410-26145-2	SW8011	1/16/2021
KAFB-106097	GW097-211	1/12/2021	N	508 ft	4838	South of Ridgecrest	WG	1Q2021	410-26145-2	SW8260C	1/20/2021
KAFB-106097	GW097-211	1/12/2021	N	508 ft	4838	South of Ridgecrest	WG	1Q2021	410-26145-2	SW8260C	1/20/2021
KAFB-106097	GW097-211	1/12/2021	N	508 ft	4838	South of Ridgecrest	WG	1Q2021	410-26145-2	SW8260C	1/20/2021
KAFB-106097	GW097-211	1/12/2021	N	508 ft	4838	South of Ridgecrest	WG	1Q2021	410-26145-2	SW8260C	1/20/2021
KAFB-106098	GW098-211	1/12/2021	N	533 ft	4814	South of Ridgecrest	WG	1Q2021	410-26145-4	SW8011	1/16/2021
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SW6010C	1/12/2021
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SW6010C	1/12/2021
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SW6010C	1/12/2021
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SW6010C	1/12/2021
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SW6010C	1/12/2021
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SW6010C	1/14/2021
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SW6020A	1/12/2021
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SW6020A	1/12/2021
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SW8011	1/14/2021
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	E300.0	1/9/2021
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	E300.0	1/9/2021
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	E300.0	1/9/2021
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	E353.2	1/12/2021
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SM2320B	1/13/2021
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SM2320B	1/13/2021
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SM2320B	1/13/2021
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SW6010C	1/12/2021
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SW6010C	1/12/2021
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SW6010C	1/12/2021
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SW6010C	1/12/2021
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SW6010C	1/12/2021
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SW6010C	1/18/2021
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SW6020A	1/12/2021
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SW6020A	1/12/2021
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SW8011	1/15/2021
KAFB-106201	GW201-211	1/6/2021	N	490.35 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-2	SW8011	1/11/2021
KAFB-106202	GW202-211	1/6/2021	N	519.93 ft	4838	North of Ridgecrest	WG	1Q2021	410-25683-3	SW8011	1/11/2021
KAFB-106203	GW203-211	1/6/2021	N	623.11 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-4	SW8011	1/11/2021
KAFB-106204	GW204-211	1/4/2021	N	463.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25437-6	SW8011	1/11/2021
KAFB-106204	GW204-611	1/4/2021	FD	463.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25437-7	SW8011	1/11/2021
KAFB-106205	GW205-211	1/4/2021	N	493.08 ft	4838	North of Ridgecrest	WG	1Q2021	410-25437-8	SW8011	1/11/2021
KAFB-106206	GW206-211	1/5/2021	N	593.83 ft	4814	North of Ridgecrest	WG	1Q2021	410-25516-19	SW8011	1/12/2021
KAFB-106207	GW207-211	1/4/2021	N	473.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25437-1	SW8011	1/11/2021
KAFB-106208	GW208-211	1/4/2021	N	503.1 ft	4838	North of Ridgecrest	WG	1Q2021	410-25437-2	SW8011	1/11/2021
KAFB-106209	GW209-211	1/4/2021	N	602.99 ft	4814	North of Ridgecrest	WG	1Q2021	410-25437-3	SW8011	1/11/2021
KAFB-106216	GW216-211	1/4/2021	N	461.9 ft	4857	North of Ridgecrest	WG	1Q2021	410-25437-5	SW8011	1/11/2021

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106217	GW217-211	1/4/2021	N	485.7 ft	4838	North of Ridgecrest	WG	1Q2021	410-25437-16	SW8011	1/8/2021
KAFB-106218	GW218-211	1/4/2021	N	552.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25437-14	SW8011	1/8/2021
KAFB-106218	GW218-611	1/4/2021	FD	552.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25437-15	SW8011	1/8/2021
KAFB-106222	GW222-211	1/4/2021	N	461.3 ft	4857	North of Ridgecrest	WG	1Q2021	410-25437-10	SW8011	1/11/2021
KAFB-106223	GW223-211	1/4/2021	N	488.7 ft	4838	North of Ridgecrest	WG	1Q2021	410-25437-11	SW8011	1/11/2021
KAFB-106224	GW224-211	1/4/2021	N	555.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25437-12	SW8011	1/8/2021
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	E300.0	1/11/2021
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	E300.0	1/11/2021
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	E300.0	1/11/2021
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	E353.2	1/8/2021
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SM2320B	1/8/2021
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SM2320B	1/8/2021
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SM2320B	1/8/2021
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SW6010C	1/8/2021
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SW6010C	1/8/2021
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SW6010C	1/11/2021
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SW6010C	1/11/2021
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SW6010C	1/11/2021
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SW6010C	1/11/2021
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SW6020A	1/8/2021
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SW6020A	1/8/2021
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SW8011	1/13/2021
KAFB-106231	GW231-211	1/5/2021	N	453.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-16	SW8011	1/12/2021
KAFB-106232	GW232-211	1/5/2021	N	503.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25516-15	SW8011	1/12/2021
KAFB-106235-438	GW235-438-211	1/5/2021	N	441.3 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-2	SW8011	1/8/2021
KAFB-106235-472	GW235-472-211	1/5/2021	N	472.7 ft	4838	North of Ridgecrest	WG	1Q2021	410-25516-3	SW8011	1/8/2021
KAFB-106235-501	GW235-501-211	1/5/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25516-4	SW8011	1/12/2021
KAFB-106236-436	GW236-436-211	1/5/2021	N	441.9 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-6	SW8011	1/12/2021
KAFB-106236-436	GW236-436-611	1/5/2021	FD	441.9 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-7	SW8011	1/12/2021
KAFB-106236-470	GW236-470-211	1/5/2021	N	470.7 ft	4838	North of Ridgecrest	WG	1Q2021	410-25516-8	SW8011	1/12/2021
KAFB-106236-499	GW236-499-211	1/5/2021	N	499.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25516-9	SW8011	1/12/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	E300.0	1/9/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	E300.0	1/9/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	E300.0	1/9/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	E353.2	1/11/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SM2320B	1/12/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SM2320B	1/12/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SM2320B	1/12/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW6010C	1/12/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW6010C	1/12/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW6010C	1/12/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW6010C	1/12/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW6010C	1/12/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW6020A	1/12/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW6020A	1/12/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW8011	1/13/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW8260C	1/14/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW8260C	1/14/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW8260C	1/14/2021
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW8260C	1/14/2021
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	E300.0	1/11/2021
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	E300.0	1/11/2021
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	E300.0	1/13/2021
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	E353.2	1/8/2021

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SM2320B	1/8/2021
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SM2320B	1/8/2021
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SM2320B	1/8/2021
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SW6010C	1/8/2021
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SW6010C	1/8/2021
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SW6010C	1/11/2021
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SW6010C	1/11/2021
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SW6010C	1/11/2021
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SW6010C	1/11/2021
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SW6020A	1/8/2021
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SW6020A	1/8/2021
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SW8011	1/13/2021
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	E300.0	1/11/2021
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	E300.0	1/11/2021
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	E300.0	1/13/2021
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	E353.2	1/8/2021
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SM2320B	1/8/2021
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SM2320B	1/8/2021
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SM2320B	1/8/2021
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SW6010C	1/8/2021
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SW6010C	1/8/2021
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SW6010C	1/11/2021
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SW6010C	1/11/2021
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SW6010C	1/11/2021
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SW6010C	1/11/2021
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SW6020A	1/8/2021
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SW6020A	1/8/2021
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SW8011	1/13/2021
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	E300.0	1/8/2021
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	E300.0	1/8/2021
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	E300.0	1/8/2021
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	E353.2	1/8/2021
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SM2320B	1/8/2021
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SM2320B	1/8/2021
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SM2320B	1/8/2021
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SW6010C	1/8/2021
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SW6010C	1/8/2021
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SW6010C	1/11/2021
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SW6010C	1/11/2021
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SW6010C	1/11/2021
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SW6010C	1/11/2021
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SW6020A	1/7/2021
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SW6020A	1/7/2021
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SW8011	1/12/2021
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	E300.0	1/9/2021
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	E300.0	1/9/2021
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	E300.0	1/9/2021
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	E353.2	1/12/2021
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SM2320B	1/12/2021
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SM2320B	1/12/2021
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SM2320B	1/12/2021
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SW6010C	1/12/2021
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SW6010C	1/12/2021
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SW6010C	1/12/2021

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SW6010C	1/12/2021
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SW6010C	1/12/2021
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SW6020A	1/12/2021
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SW6020A	1/12/2021
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SW8011	1/13/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	E300.0	1/9/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	E300.0	1/9/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	E300.0	1/9/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	E353.2	1/11/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SM2320B	1/12/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SM2320B	1/12/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SM2320B	1/12/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW6010C	1/12/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW6010C	1/12/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW6010C	1/12/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW6010C	1/12/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW6010C	1/12/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW6020A	1/12/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW6020A	1/12/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW8011	1/13/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW8260C	1/14/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW8260C	1/14/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW8260C	1/14/2021
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW8260C	1/14/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	E300.0	1/9/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	E300.0	1/9/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	E300.0	1/9/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	E353.2	1/11/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SM2320B	1/12/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SM2320B	1/12/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SM2320B	1/12/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW6010C	1/12/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW6010C	1/12/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW6010C	1/12/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW6010C	1/12/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW6010C	1/12/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW6010C	1/12/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW6020A	1/12/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW6020A	1/12/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW8011	1/13/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW8260C	1/14/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW8260C	1/14/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW8260C	1/14/2021
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW8260C	1/14/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	E300.0	1/9/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	E300.0	1/9/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	E300.0	1/9/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	E353.2	1/11/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SM2320B	1/12/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SM2320B	1/12/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SM2320B	1/12/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW6010C	1/12/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW6010C	1/12/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW6010C	1/12/2021

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW6010C	1/12/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW6010C	1/12/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW6010C	1/12/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW6020A	1/12/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW6020A	1/12/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW8011	1/13/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW8260C	1/14/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW8260C	1/14/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW8260C	1/14/2021
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW8260C	1/14/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	E300.0	1/9/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	E300.0	1/9/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	E300.0	1/9/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	E353.2	1/11/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SM2320B	1/13/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SM2320B	1/13/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SM2320B	1/13/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW6010C	1/12/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW6010C	1/12/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW6010C	1/12/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW6010C	1/12/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW6010C	1/12/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW6010C	1/12/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW6020A	1/12/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW6020A	1/12/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW8011	1/15/2021
KAFB-106098	GW098-211	1/12/2021	N	533 ft	4814	South of Ridgecrest	WG	1Q2021	410-26145-4	SW8260C	1/20/2021
KAFB-106098	GW098-211	1/12/2021	N	533 ft	4814	South of Ridgecrest	WG	1Q2021	410-26145-4	SW8260C	1/20/2021
KAFB-106098	GW098-211	1/12/2021	N	533 ft	4814	South of Ridgecrest	WG	1Q2021	410-26145-4	SW8260C	1/20/2021
KAFB-106098	GW098-211	1/12/2021	N	533 ft	4814	South of Ridgecrest	WG	1Q2021	410-26145-4	SW8260C	1/20/2021
KAFB-106099	GW099-211	1/13/2021	N	503 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-1	SW8011	1/21/2021
KAFB-106099	GW099-211	1/13/2021	N	503 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-1	SW8260C	1/21/2021
KAFB-106099	GW099-211	1/13/2021	N	503 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-1	SW8260C	1/21/2021
KAFB-106099	GW099-211	1/13/2021	N	503 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-1	SW8260C	1/21/2021
KAFB-106099	GW099-211	1/13/2021	N	503 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-1	SW8260C	1/21/2021
KAFB-106100	GW100-211	1/13/2021	N	528 ft	4814	South of Ridgecrest	WG	1Q2021	410-26381-2	SW8011	1/21/2021
KAFB-106100	GW100-211	1/13/2021	N	528 ft	4814	South of Ridgecrest	WG	1Q2021	410-26381-2	SW8260C	1/21/2021
KAFB-106100	GW100-211	1/13/2021	N	528 ft	4814	South of Ridgecrest	WG	1Q2021	410-26381-2	SW8260C	1/21/2021
KAFB-106100	GW100-211	1/13/2021	N	528 ft	4814	South of Ridgecrest	WG	1Q2021	410-26381-2	SW8260C	1/21/2021
KAFB-106100	GW100-211	1/13/2021	N	528 ft	4814	South of Ridgecrest	WG	1Q2021	410-26381-2	SW8260C	1/21/2021
KAFB-106101	GW101-211	1/13/2021	N	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-5	SW8011	1/21/2021
KAFB-106101	GW101-211	1/13/2021	N	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-5	SW8260C	1/21/2021
KAFB-106101	GW101-211	1/13/2021	N	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-5	SW8260C	1/21/2021
KAFB-106101	GW101-211	1/13/2021	N	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-5	SW8260C	1/21/2021
KAFB-106101	GW101-211	1/13/2021	N	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-5	SW8260C	1/21/2021
KAFB-106101	GW101-611	1/13/2021	FD	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-6	SW8011	1/21/2021
KAFB-106101	GW101-611	1/13/2021	FD	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-6	SW8260C	1/21/2021
KAFB-106101	GW101-611	1/13/2021	FD	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-6	SW8260C	1/21/2021
KAFB-106101	GW101-611	1/13/2021	FD	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-6	SW8260C	1/21/2021
KAFB-106101	GW101-611	1/13/2021	FD	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-6	SW8260C	1/21/2021
KAFB-106102	GW102-211	1/14/2021	N	526 ft	4814	South of Ridgecrest	WG	1Q2021	410-26637-2	SW8011	1/21/2021
KAFB-106102	GW102-211	1/14/2021	N	526 ft	4814	South of Ridgecrest	WG	1Q2021	410-26637-2	SW8260C	1/25/2021
KAFB-106102	GW102-211	1/14/2021	N	526 ft	4814	South of Ridgecrest	WG	1Q2021	410-26637-2	SW8260C	1/25/2021
KAFB-106102	GW102-211	1/14/2021	N	526 ft	4814	South of Ridgecrest	WG	1Q2021	410-26637-2	SW8260C	1/25/2021
KAFB-106102	GW102-211	1/14/2021	N	526 ft	4814	South of Ridgecrest	WG	1Q2021	410-26637-2	SW8260C	1/25/2021

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	E300.0	1/10/2021
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	E300.0	1/10/2021
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	E300.0	1/10/2021
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	E353.2	1/12/2021
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SM2320B	1/13/2021
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SM2320B	1/13/2021
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SM2320B	1/13/2021
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SW6010C	1/12/2021
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SW6010C	1/12/2021
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SW6010C	1/12/2021
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SW6010C	1/12/2021
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SW6010C	1/12/2021
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SW6010C	1/18/2021
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SW6020A	1/12/2021
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SW6020A	1/12/2021
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SW8011	1/15/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	E300.0	1/13/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	E300.0	1/13/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	E300.0	1/13/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	E353.2	1/12/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SM2320B	1/12/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SM2320B	1/12/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SM2320B	1/12/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6010C	1/12/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6010C	1/12/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6010C	1/12/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6010C	1/12/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6010C	1/12/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6010C	1/12/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6010C	1/12/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6010C	1/12/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6010C	1/14/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6020A	1/12/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6020A	1/12/2021
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW8011	1/14/2021
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	E300.0	1/13/2021
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	E300.0	1/13/2021
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	E300.0	1/13/2021
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	E353.2	1/12/2021
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SM2320B	1/12/2021
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SM2320B	1/12/2021
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SM2320B	1/12/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW8260C	1/14/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW8260C	1/14/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW8260C	1/14/2021
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW8260C	1/14/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	E300.0	1/19/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	E300.0	1/19/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	E300.0	1/19/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	E353.2	1/21/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SM2320B	1/20/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SM2320B	1/20/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SM2320B	1/20/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW6010C	1/19/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW6010C	1/19/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW6010C	1/20/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW6010C	1/20/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW6010C	1/20/2021

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW6010C	1/24/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW6020A	1/19/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW6020A	1/19/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8011	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8015M	1/20/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8015M	1/22/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/26/2021
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C	1/28/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	E300.0	1/9/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	E300.0	1/9/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	E300.0	1/9/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	E353.2	1/12/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SM2320B	1/13/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SM2320B	1/13/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SM2320B	1/13/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW6010C	1/12/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SM2320B	1/13/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW6010C	1/12/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW6010C	1/12/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW6010C	1/12/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW6010C	1/12/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW6010C	1/14/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW6020A	1/12/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW6020A	1/12/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW8011	1/15/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW8260C	1/14/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW8260C	1/14/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW8260C	1/14/2021
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW8260C	1/14/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	E300.0	1/9/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	E300.0	1/9/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	E300.0	1/18/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	E353.2	1/12/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SM2320B	1/13/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SM2320B	1/13/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SM2320B	1/13/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW6010C	1/12/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW6010C	1/12/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW6010C	1/12/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW6010C	1/12/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW6010C	1/12/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW6010C	1/14/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW6020A	1/12/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW6020A	1/12/2021

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW8011	1/15/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW8260C	1/14/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW8260C	1/14/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW8260C	1/14/2021
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW8260C	1/14/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	E300.0	1/13/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	E300.0	1/13/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	E300.0	1/13/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	E353.2	1/12/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SM2320B	1/12/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SM2320B	1/12/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SM2320B	1/12/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW6010C	1/12/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW6010C	1/12/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW6010C	1/12/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW6010C	1/12/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW6010C	1/12/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW6010C	1/14/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW6020A	1/12/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW6020A	1/12/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW8011	1/15/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW8260C	1/19/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW8260C	1/19/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW8260C	1/19/2021
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW8260C	1/19/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	E300.0	1/9/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	E300.0	1/9/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	E300.0	1/9/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	E300.0	1/9/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	E353.2	1/11/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SM2320B	1/12/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SM2320B	1/12/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SM2320B	1/12/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW6010C	1/12/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW6010C	1/12/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW6010C	1/12/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW6010C	1/12/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW6010C	1/12/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW6020A	1/12/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW6020A	1/12/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW8011	1/13/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW8260C	1/14/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW8260C	1/14/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW8260C	1/14/2021
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW8260C	1/14/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	E300.0	1/13/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	E300.0	1/13/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	E300.0	1/13/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	E353.2	1/12/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SM2320B	1/12/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SM2320B	1/12/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SM2320B	1/12/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW6010C	1/12/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW6010C	1/12/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW6010C	1/12/2021

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW6010C	1/12/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW6010C	1/12/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW6010C	1/14/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW6020A	1/12/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW6020A	1/12/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW8011	1/14/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW8260C	1/19/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW8260C	1/19/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW8260C	1/19/2021
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW8260C	1/19/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	E300.0	1/13/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	E300.0	1/13/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	E300.0	1/13/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	E353.2	1/12/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SM2320B	1/12/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SM2320B	1/12/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SM2320B	1/12/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW6010C	1/12/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW6010C	1/12/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW6010C	1/12/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW6010C	1/12/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW6010C	1/12/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW6010C	1/14/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW6020A	1/12/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW6020A	1/12/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW8011	1/14/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW8260C	1/19/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW8260C	1/19/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW8260C	1/19/2021
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW8260C	1/19/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	E300.0	1/9/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	E300.0	1/9/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	E300.0	1/9/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	E353.2	1/11/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SM2320B	1/13/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SM2320B	1/13/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SM2320B	1/13/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW6010C	1/12/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW6010C	1/12/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW6010C	1/12/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW6010C	1/12/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW6010C	1/12/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW6010C	1/14/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW6020A	1/12/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW6020A	1/12/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW8011	1/15/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW8260C	1/14/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW8260C	1/14/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW8260C	1/14/2021
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW8260C	1/14/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	E300.0	1/13/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	E300.0	1/13/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	E300.0	1/13/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	E353.2	1/12/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SM2320B	1/12/2021

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SM2320B	1/12/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SM2320B	1/12/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW6010C	1/12/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW6010C	1/12/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW6010C	1/12/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW6010C	1/12/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW6010C	1/12/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW6010C	1/14/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW6020A	1/12/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW6020A	1/12/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW8011	1/15/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW8260C	1/19/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW8260C	1/19/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW8260C	1/19/2021
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW8260C	1/19/2021
KAFB-106003	GW003-211	1/14/2021	N	481 ft	4857	South of Ridgecrest	WG	1Q2021	410-26637-1	SW8011	1/21/2021
KAFB-106003	GW003-211	1/14/2021	N	481 ft	4857	South of Ridgecrest	WG	1Q2021	410-26637-1	SW8260C	1/25/2021
KAFB-106003	GW003-211	1/14/2021	N	481 ft	4857	South of Ridgecrest	WG	1Q2021	410-26637-1	SW8260C	1/25/2021
KAFB-106003	GW003-211	1/14/2021	N	481 ft	4857	South of Ridgecrest	WG	1Q2021	410-26637-1	SW8260C	1/25/2021
KAFB-106003	GW003-211	1/14/2021	N	481 ft	4857	South of Ridgecrest	WG	1Q2021	410-26637-1	SW8260C	1/25/2021
KAFB-106004	GW004-211	1/13/2021	N	488.74 ft	4857	South of Ridgecrest	WG	1Q2021	410-26381-4	SW8011	1/22/2021
KAFB-106004	GW004-211	1/13/2021	N	488.74 ft	4857	South of Ridgecrest	WG	1Q2021	410-26381-4	SW8260C	1/21/2021
KAFB-106004	GW004-211	1/13/2021	N	488.74 ft	4857	South of Ridgecrest	WG	1Q2021	410-26381-4	SW8260C	1/21/2021
KAFB-106004	GW004-211	1/13/2021	N	488.74 ft	4857	South of Ridgecrest	WG	1Q2021	410-26381-4	SW8260C	1/21/2021
KAFB-106004	GW004-211	1/13/2021	N	488.74 ft	4857	South of Ridgecrest	WG	1Q2021	410-26381-4	SW8260C	1/21/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	E300.0	1/19/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	E300.0	1/19/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	E300.0	1/19/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	E300.0	1/19/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	E353.2	1/21/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SM2320B	1/20/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SM2320B	1/20/2021
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SM2320B	1/20/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SM2320B	1/14/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW6020A	1/27/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW6020A	1/27/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW6020A	1/27/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8011	1/18/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW8260C	1/13/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW9056A	1/12/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW9056A	1/12/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW9056A	1/12/2021
KAFB-106063	106063-LTM-01112	1/11/2021	N	508 ft	4838	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-03	SW9056A	1/12/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SM2320B	1/14/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW6020A	1/27/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW6020A	1/27/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW6020A	1/27/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8011	1/18/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106064	106064-LTM-01112	1/11/2021	N	488 ft	4857	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-01	SW8260C	1/13/2021

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/16/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/16/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW9056A	1/13/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW9056A	1/13/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW9056A	1/13/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW9056A	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SM2320B	1/14/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW6020A	1/27/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW6020A	1/27/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW6020A	1/27/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8011	1/19/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW8260C	1/13/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW9056A	1/12/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW9056A	1/12/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW9056A	1/12/2021
KAFB-106MW2-I	106MW-2I-LTM-011	1/11/2021	N	517	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-04	SW9056A	1/21/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SM2320B	1/18/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW6020A	1/26/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW6020A	1/27/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW6020A	1/27/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8011	1/18/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW8260C	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW9056A	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW9056A	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW9056A	1/15/2021
KAFB-106MW2-S	106MW2S-LTM-011	1/13/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS2101577-01	SW9056A	1/15/2021
KAFB-106EX1	106EX1-LTM-01122	1/12/2021	N	491	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-02	SM2320B	1/14/2021
KAFB-106EX1	106EX1-LTM-01122	1/12/2021	N	491	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-02	SW6020A	1/27/2021
KAFB-106EX1	106EX1-LTM-01122	1/12/2021	N	491	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-02	SW6020A	1/27/2021

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106EX1	106EX1-LTM-01122	1/12/2021	N	491	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-02	SW6020A	1/27/2021
KAFB-106EX1	106EX1-LTM-01122	1/12/2021	N	491	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-02	SW8011	1/19/2021
KAFB-106EX1	106EX1-LTM-01122	1/12/2021	N	491	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-02	SW8260C	1/15

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW8260C	1/13/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW9056A	1/12/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW9056A	1/12/2021
KAFB-106EX2	106EX2-LTM-01112	1/11/2021	N	489	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010391-05	SW9056A	1/21/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SM2320B	1/14/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW6020A	1/27/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW6020A	1/27/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW6020A	1/27/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8011	1/19/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW8260C	1/15/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW9056A	1/13/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW9056A	1/13/2021
KAFB-106IN1	106IN1-LTM-01122	1/12/2021	N	492	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-04	SW9056A	1/13/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SM2320B	1/14/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW6020A	1/27/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW6020A	1/27/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW6020A	1/27/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8011	1/19/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021
KAFB-106MW1-I	106MW1I-LTM-011	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW8260C	1/15/2021

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date
KAFB-106MW1-I	106MW1I-LTM-0112	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW9056A	1/13/2021
KAFB-106MW1-I	106MW1I-LTM-0112	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW9056A	1/13/2021
KAFB-106MW1-I	106MW1I-LTM-0112	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW9056A	1/13/2021
KAFB-106MW1-I	106MW1I-LTM-0112	1/12/2021	N	518	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-01	SW9056A	1/13/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SM2320B	1/14/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW6020A	1/27/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW6020A	1/27/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW6020A	1/27/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8011	1/19/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021
KAFB-106MW1-S	106MW1S-LTM-011	1/12/2021	N	488	NA	South of Ridgecrest	WG	APTIM-1Q2021	HS21010463-03	SW8260C	1/15/2021

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well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106005	GW005-211	D	INITIAL	1	METHOD	410-26694-1	7439-96-5	Manganese	1.9	1.9	mg/l
KAFB-106005	GW005-211	D	INITIAL	1	METHOD	410-26694-1	7439-89-6	Iron	0.043	0.043	mg/l
KAFB-106005	GW005-211	T	INITIAL	1	SW3005	410-26694-1	7439-95-4	Magnesium	26	26	mg/l
KAFB-106005	GW005-211	T	INITIAL	1	SW3005	410-26694-1	7440-23-5	Sodium	70	70	mg/l
KAFB-106005	GW005-211	T	INITIAL	1	SW3005	410-26694-1	7440-70-2	Calcium	150	150	mg/l
KAFB-106005	GW005-211	T	INITIAL	1	SW3005	410-26694-1	7440-09-7	Potassium	3.8	3.8	mg/l
KAFB-106005	GW005-211	T	INITIAL	1	SW3005	410-26694-1	7439-92-1	Lead	0.00028	0.00028	mg/l
KAFB-106005	GW005-211	T	INITIAL	1	SW3005	410-26694-1	7440-38-2	Arsenic	0.0014	0.0014	mg/l
KAFB-106005	GW005-211	N	INITIAL	5	METHOD	410-26694-1	106-93-4	1,2-Dibromoethane	0.99	0.99	ug/l
KAFB-106005	GW005-211	N	INITIAL	1	NONE	410-26694-1	100-41-4	Ethylbenzene	170	170	ug/l
KAFB-106005	GW005-211	N	INITIAL	1	NONE	410-26694-1	1330-20-7	Xylenes, total	620	620	ug/l
KAFB-106005	GW005-211	N	REANALYSIS	10	NONE	410-26694-1	108-88-3	Toluene	710	710	ug/l
KAFB-106005	GW005-211	N	REANALYSIS	10	NONE	410-26694-1	71-43-2	Benzene	700	700	ug/l
KAFB-106005	GW005-611	N	INITIAL	5	NONE	410-26694-1	14808-79-8	Sulfate	9.5	9.5	mg/l
KAFB-106005	GW005-611	N	INITIAL	5	NONE	410-26694-1	24959-67-9	Bromide	3.7	3.7	mg/l
KAFB-106005	GW005-611	N	INITIAL	50	NONE	410-26694-1	16887-00-6	Chloride	190	190	mg/l
KAFB-106005	GW005-611	N	INITIAL	1	NONE	410-26694-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09	mg/l
KAFB-106005	GW005-611	N	INITIAL	1	NONE	410-26694-1	ALK	Alkalinity, total (as CaCO3)	370	370	mg/l
KAFB-106005	GW005-611	N	INITIAL	1	NONE	410-26694-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	370	370	mg/l
KAFB-106005	GW005-611	N	INITIAL	1	NONE	410-26694-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106005	GW005-611	D	INITIAL	1	METHOD	410-26694-1	7439-96-5	Manganese	2	2	mg/l
KAFB-106005	GW005-611	D	INITIAL	1	METHOD	410-26694-1	7439-89-6	Iron	0.061	0.061	mg/l
KAFB-106005	GW005-611	T	INITIAL	1	SW3005	410-26694-1	7439-95-4	Magnesium	26	26	mg/l
KAFB-106005	GW005-611	T	INITIAL	1	SW3005	410-26694-1	7440-23-5	Sodium	69	69	mg/l
KAFB-106005	GW005-611	T	INITIAL	1	SW3005	410-26694-1	7440-70-2	Calcium	150	150	mg/l
KAFB-106005	GW005-611	T	INITIAL	1	SW3005	410-26694-1	7440-09-7	Potassium	3.8	3.8	mg/l
KAFB-106005	GW005-611	T	INITIAL	1	SW3005	410-26694-1	7439-92-1	Lead	0.00024	0.00024	mg/l
KAFB-106005	GW005-611	T	INITIAL	1	SW3005	410-26694-1	7440-38-2	Arsenic	0.0014	0.0014	mg/l
KAFB-106005	GW005-611	N	INITIAL	5	METHOD	410-26694-1	106-93-4	1,2-Dibromoethane	0.84	0.84	ug/l
KAFB-106005	GW005-611	N	INITIAL	1	NONE	410-26694-1	100-41-4	Ethylbenzene	170	170	ug/l
KAFB-106005	GW005-611	N	INITIAL	1	NONE	410-26694-1	1330-20-7	Xylenes, total	650	650	ug/l
KAFB-106005	GW005-611	N	REANALYSIS	10	NONE	410-26694-1	108-88-3	Toluene	710	710	ug/l
KAFB-106005	GW005-611	N	REANALYSIS	10	NONE	410-26694-1	71-43-2	Benzene	680	680	ug/l
KAFB-106009	GW009-211	N	INITIAL	5	NONE	410-26001-1	24959-67-9	Bromide	4.6	4.6	mg/l
KAFB-106009	GW009-211	N	INITIAL	50	NONE	410-26001-1	14808-79-8	Sulfate	200	200	mg/l
KAFB-106009	GW009-211	N	INITIAL	50	NONE	410-26001-1	16887-00-6	Chloride	120	120	mg/l
KAFB-106009	GW009-211	N	INITIAL	2	NONE	410-26001-1	NNN	Nitrogen as nitrate + nitrite	0.98	0.98	mg/l
KAFB-106009	GW009-211	N	INITIAL	1	NONE	410-26001-1	ALK	Alkalinity, total (as CaCO3)	180	180	mg/l
KAFB-106009	GW009-211	N	INITIAL	1	NONE	410-26001-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	180	180	mg/l
KAFB-106009	GW009-211	N	INITIAL	1	NONE	410-26001-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106009	GW009-211	T	INITIAL	1	SW3005	410-26001-1	7439-95-4	Magnesium	22	22	mg/l
KAFB-106009	GW009-211	T	INITIAL	1	SW3005	410-26001-1	7440-09-7	Potassium	4.1	4.1	mg/l
KAFB-106009	GW009-211	T	INITIAL	1	SW3005	410-26001-1	7440-23-5	Sodium	51	51	mg/l
KAFB-106009	GW009-211	T	INITIAL	1	SW3005	410-26001-1	7440-70-2	Calcium	140	140	mg/l
KAFB-106009	GW009-211	D	INITIAL	1	METHOD	410-26001-1	7439-89-6	Iron	0.32	0.32	mg/l
KAFB-106009	GW009-211	D	INITIAL	1	METHOD	410-26001-1	7439-96-5	Manganese	0.93	0.93	mg/l
KAFB-106009	GW009-211	T	INITIAL	1	SW3005	410-26001-1	7439-92-1	Lead	< 0.00050	0.0005	mg/l
KAFB-106009	GW009-211	T	INITIAL	1	SW3005	410-26001-1	7440-38-2	Arsenic	< 0.0016	0.0016	mg/l
KAFB-106009	GW009-211	N	INITIAL	1	METHOD	410-26001-1	106-93-4	1,2-Dibromoethane	0.086	0.086	ug/l
KAFB-106009	GW009-211	N	INITIAL	1	NONE	410-26001-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106009	GW009-211	N	INITIAL	1	NONE	410-26001-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106009	GW009-211	N	INITIAL	1	NONE	410-26001-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106009	GW009-211	N	INITIAL	1	NONE	410-26001-1	71-43-2	Benzene	3.3	3.3	ug/l
KAFB-106009	GW009-611	N	INITIAL	5	NONE	410-26001-1	24959-67-9	Bromide	3	3	mg/l
KAFB-106009	GW009-611	N	INITIAL	50	NONE	410-26001-1	14808-79-8	Sulfate	200	200	mg/l

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well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106009	GW009-611	N	INITIAL	50	NONE	410-26001-1	16887-00-6	Chloride	130	130	mg/l
KAFB-106009	GW009-611	N	INITIAL	2	NONE	410-26001-1	NNN	Nitrogen as nitrate + nitrite	0.93	0.93	mg/l
KAFB-106009	GW009-611	N	INITIAL	1	NONE	410-26001-1	ALK	Alkalinity, total (as CaCO3)	180	180	mg/l
KAFB-106009	GW009-611	N	INITIAL	1	NONE	410-26001-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	180	180	mg/l
KAFB-106009	GW009-611	N	INITIAL	1	NONE	410-26001-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106009	GW009-611	T	INITIAL	1	SW3005	410-26001-1	7439-95-4	Magnesium	22	22	mg/l
KAFB-106009	GW009-611	T	INITIAL	1	SW3005	410-26001-1	7440-09-7	Potassium	4.1	4.1	mg/l
KAFB-106009	GW009-611	T	INITIAL	1	SW3005	410-26001-1	7440-23-5	Sodium	50	50	mg/l
KAFB-106009	GW009-611	T	INITIAL	1	SW3005	410-26001-1	7440-70-2	Calcium	140	140	mg/l
KAFB-106009	GW009-611	D	INITIAL	1	METHOD	410-26001-1	7439-89-6	Iron	0.28	0.28	mg/l
KAFB-106009	GW009-611	D	INITIAL	1	METHOD	410-26001-1	7439-96-5	Manganese	0.93	0.93	mg/l
KAFB-106009	GW009-611	T	INITIAL	1	SW3005	410-26001-1	7439-92-1	Lead	< 0.00025	0.00025	mg/l
KAFB-106009	GW009-611	T	INITIAL	1	SW3005	410-26001-1	7440-38-2	Arsenic	< 0.0016	0.0016	mg/l
KAFB-106009	GW009-611	N	INITIAL	1	METHOD	410-26001-1	106-93-4	1,2-Dibromoethane	0.087	0.087	ug/l
KAFB-106009	GW009-611	N	INITIAL	1	NONE	410-26001-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106009	GW009-611	N	INITIAL	1	NONE	410-26001-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106009	GW009-611	N	INITIAL	1	NONE	410-26001-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106009	GW009-611	N	INITIAL	1	NONE	410-26001-1	71-43-2	Benzene	3.4	3.4	ug/l
KAFB-106012R	GW012R-211	N	INITIAL	5	NONE	410-26001-1	24959-67-9	Bromide	2.1	2.1	mg/l
KAFB-106012R	GW012R-211	N	INITIAL	50	NONE	410-26001-1	14808-79-8	Sulfate	310	310	mg/l
KAFB-106012R	GW012R-211	N	INITIAL	50	NONE	410-26001-1	16887-00-6	Chloride	190	190	mg/l
KAFB-106012R	GW012R-211	N	INITIAL	5	NONE	410-26001-1	NNN	Nitrogen as nitrate + nitrite	4.6	4.6	mg/l
KAFB-106012R	GW012R-211	N	INITIAL	1	NONE	410-26001-1	ALK	Alkalinity, total (as CaCO3)	100	100	mg/l
KAFB-106012R	GW012R-211	N	INITIAL	1	NONE	410-26001-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100	mg/l
KAFB-106012R	GW012R-211	N	INITIAL	1	NONE	410-26001-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106012R	GW012R-211	T	INITIAL	1	SW3005	410-26001-1	7439-95-4	Magnesium	26	26	mg/l
KAFB-106012R	GW012R-211	T	INITIAL	1	SW3005	410-26001-1	7440-09-7	Potassium	5.3	5.3	mg/l
KAFB-106012R	GW012R-211	T	INITIAL	1	SW3005	410-26001-1	7440-23-5	Sodium	78	78	mg/l
KAFB-106012R	GW012R-211	T	INITIAL	1	SW3005	410-26001-1	7440-70-2	Calcium	170	170	mg/l
KAFB-106012R	GW012R-211	D	INITIAL	1	METHOD	410-26001-1	7439-89-6	Iron	< 0.10	0.1	mg/l
KAFB-106012R	GW012R-211	D	INITIAL	1	METHOD	410-26001-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l
KAFB-106012R	GW012R-211	T	INITIAL	1	SW3005	410-26001-1	7439-92-1	Lead	0.00038	0.00038	mg/l
KAFB-106012R	GW012R-211	T	INITIAL	1	SW3005	410-26001-1	7440-38-2	Arsenic	0.00088	0.00088	mg/l
KAFB-106012R	GW012R-211	N	INITIAL	1	METHOD	410-26001-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106012R	GW012R-211	N	INITIAL	1	NONE	410-26001-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106012R	GW012R-211	N	INITIAL	1	NONE	410-26001-1	108-88-3	Toluene	0.59	0.59	ug/l
KAFB-106012R	GW012R-211	N	INITIAL	1	NONE	410-26001-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106012R	GW012R-211	N	INITIAL	1	NONE	410-26001-1	71-43-2	Benzene	< 0.50	0.5	ug/l
KAFB-106013	GW013-211	N	INITIAL	1	METHOD	410-26145-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106013	GW013-211	N	INITIAL	1	NONE	410-26145-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106013	GW013-211	N	INITIAL	1	NONE	410-26145-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106013	GW013-211	N	INITIAL	1	NONE	410-26145-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106013	GW013-211	N	INITIAL	1	NONE	410-26145-1	71-43-2	Benzene	< 0.50	0.5	ug/l
KAFB-106029	GW029-211	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106030	GW030-211	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106031	GW031-211	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106032	GW032-211	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106033	GW033-211	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106034	GW034-211	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106041	GW041-211	N	INITIAL	5	NONE	410-25683-1	24959-67-9	Bromide	< 2.5	2.5	mg/l
KAFB-106041	GW041-211	N	INITIAL	20	NONE	410-25683-1	14808-79-8	Sulfate	83	83	mg/l
KAFB-106041	GW041-211	N	INITIAL	20	NONE	410-25683-1	16887-00-6	Chloride	38	38	mg/l
KAFB-106041	GW041-211	N	INITIAL	1	NONE	410-25683-1	NNN	Nitrogen as nitrate + nitrite	0.87	0.87	mg/l
KAFB-106041	GW041-211	N	INITIAL	1	NONE	410-25683-1	ALK	Alkalinity, total (as CaCO3)	100	100	mg/l
KAFB-106041	GW041-211	N	INITIAL	1	NONE	410-25683-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100	mg/l

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well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106041	GW041-211	N	INITIAL	1	NONE	410-25683-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106041	GW041-211	D	INITIAL	1	METHOD	410-25683-1	7439-89-6	Iron	< 0.10	0.1	mg/l
KAFB-106041	GW041-211	D	INITIAL	1	METHOD	410-25683-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l
KAFB-106041	GW041-211	T	INITIAL	1	SW3005	410-25683-1	7439-95-4	Magnesium	8.2	8.2	mg/l
KAFB-106041	GW041-211	T	INITIAL	1	SW3005	410-25683-1	7440-09-7	Potassium	3.3	3.3	mg/l
KAFB-106041	GW041-211	T	INITIAL	1	SW3005	410-25683-1	7440-23-5	Sodium	28	28	mg/l
KAFB-106041	GW041-211	T	INITIAL	1	SW3005	410-25683-1	7440-70-2	Calcium	59	59	mg/l
KAFB-106041	GW041-211	T	INITIAL	1	SW3005	410-25683-1	7439-92-1	Lead	< 0.00025	0.00025	mg/l
KAFB-106041	GW041-211	T	INITIAL	1	SW3005	410-25683-1	7440-38-2	Arsenic	0.00082	0.00082	mg/l
KAFB-106041	GW041-211	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	0.098	0.098	ug/l
KAFB-106049	GW049-211	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106050	GW050-211	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106051	GW051-211	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106097	GW097-211	N	INITIAL	1	METHOD	410-26145-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106097	GW097-211	N	INITIAL	1	NONE	410-26145-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106097	GW097-211	N	INITIAL	1	NONE	410-26145-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106097	GW097-211	N	INITIAL	1	NONE	410-26145-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106097	GW097-211	N	INITIAL	1	NONE	410-26145-1	71-43-2	Benzene	< 0.50	0.5	ug/l
KAFB-106098	GW098-211	N	INITIAL	1	METHOD	410-26145-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106152-484	GW152-484-211	D	INITIAL	1	METHOD	410-25906-1	7439-89-6	Iron	3.9	3.9	mg/l
KAFB-106152-484	GW152-484-211	T	INITIAL	1	SW3005	410-25906-1	7439-95-4	Magnesium	28	28	mg/l
KAFB-106152-484	GW152-484-211	T	INITIAL	1	SW3005	410-25906-1	7440-09-7	Potassium	4.3	4.3	mg/l
KAFB-106152-484	GW152-484-211	T	INITIAL	1	SW3005	410-25906-1	7440-23-5	Sodium	42	42	mg/l
KAFB-106152-484	GW152-484-211	T	INITIAL	1	SW3005	410-25906-1	7440-70-2	Calcium	180	180	mg/l
KAFB-106152-484	GW152-484-211	D	INITIAL	1	METHOD	410-25906-1	7439-96-5	Manganese	5.8	5.8	mg/l
KAFB-106152-484	GW152-484-211	T	INITIAL	1	SW3005	410-25906-1	7439-92-1	Lead	0.0011	0.0011	mg/l
KAFB-106152-484	GW152-484-211	T	INITIAL	1	SW3005	410-25906-1	7440-38-2	Arsenic	0.0024	0.0024	mg/l
KAFB-106152-484	GW152-484-211	N	INITIAL	1	METHOD	410-25906-1	106-93-4	1,2-Dibromoethane	0.12	0.12	ug/l
KAFB-106153-484	GW153-484-211	N	INITIAL	5	NONE	410-25765-1	14808-79-8	Sulfate	< 4.5	4.5	mg/l
KAFB-106153-484	GW153-484-211	N	INITIAL	5	NONE	410-25765-1	16887-00-6	Chloride	16	16	mg/l
KAFB-106153-484	GW153-484-211	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	1.5	1.5	mg/l
KAFB-106153-484	GW153-484-211	N	INITIAL	1	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09	mg/l
KAFB-106153-484	GW153-484-211	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	350	350	mg/l
KAFB-106153-484	GW153-484-211	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	350	350	mg/l
KAFB-106153-484	GW153-484-211	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106153-484	GW153-484-211	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	18	18	mg/l
KAFB-106153-484	GW153-484-211	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	34	34	mg/l
KAFB-106153-484	GW153-484-211	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	120	120	mg/l
KAFB-106153-484	GW153-484-211	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	3.5	3.5	mg/l
KAFB-106153-484	GW153-484-211	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	1.5	1.5	mg/l
KAFB-106153-484	GW153-484-211	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	2.7	2.7	mg/l
KAFB-106153-484	GW153-484-211	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	< 0.00025	0.00025	mg/l
KAFB-106153-484	GW153-484-211	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.0016	0.0016	mg/l
KAFB-106153-484	GW153-484-211	N	INITIAL	200	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	27	27	ug/l
KAFB-106201	GW201-211	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106202	GW202-211	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106203	GW203-211	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106204	GW204-211	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106204	GW204-611	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106205	GW205-211	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	0.014	0.014	ug/l
KAFB-106206	GW206-211	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106207	GW207-211	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106208	GW208-211	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106209	GW209-211	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106216	GW216-211	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l

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well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106217	GW217-211	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106218	GW218-211	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106218	GW218-611	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106222	GW222-211	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106223	GW223-211	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106224	GW224-211	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106230	GW230-211	N	INITIAL	5	NONE	410-25683-1	14808-79-8	Sulfate	49	49	mg/l
KAFB-106230	GW230-211	N	INITIAL	5	NONE	410-25683-1	16887-00-6	Chloride	27	27	mg/l
KAFB-106230	GW230-211	N	INITIAL	5	NONE	410-25683-1	24959-67-9	Bromide	< 2.0	2	mg/l
KAFB-106230	GW230-211	N	INITIAL	1	NONE	410-25683-1	NNN	Nitrogen as nitrate + nitrite	0.65	0.65	mg/l
KAFB-106230	GW230-211	N	INITIAL	1	NONE	410-25683-1	ALK	Alkalinity, total (as CaCO3)	93	93	mg/l
KAFB-106230	GW230-211	N	INITIAL	1	NONE	410-25683-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	93	93	mg/l
KAFB-106230	GW230-211	N	INITIAL	1	NONE	410-25683-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106230	GW230-211	D	INITIAL	1	METHOD	410-25683-1	7439-89-6	Iron	< 0.10	0.1	mg/l
KAFB-106230	GW230-211	D	INITIAL	1	METHOD	410-25683-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l
KAFB-106230	GW230-211	T	INITIAL	1	SW3005	410-25683-1	7439-95-4	Magnesium	5.7	5.7	mg/l
KAFB-106230	GW230-211	T	INITIAL	1	SW3005	410-25683-1	7440-09-7	Potassium	2.5	2.5	mg/l
KAFB-106230	GW230-211	T	INITIAL	1	SW3005	410-25683-1	7440-23-5	Sodium	22	22	mg/l
KAFB-106230	GW230-211	T	INITIAL	1	SW3005	410-25683-1	7440-70-2	Calcium	40	40	mg/l
KAFB-106230	GW230-211	T	INITIAL	1	SW3005	410-25683-1	7439-92-1	Lead	< 0.00025	0.00025	mg/l
KAFB-106230	GW230-211	T	INITIAL	1	SW3005	410-25683-1	7440-38-2	Arsenic	0.001	0.001	mg/l
KAFB-106230	GW230-211	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106231	GW231-211	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106232	GW232-211	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106235-438	GW235-438-211	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106235-472	GW235-472-211	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106235-501	GW235-501-211	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106236-436	GW236-436-211	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106236-436	GW236-436-611	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106236-470	GW236-470-211	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106236-499	GW236-499-211	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106240-449	GW240-449-211	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	4.3	4.3	mg/l
KAFB-106240-449	GW240-449-211	N	INITIAL	50	NONE	410-25765-1	14808-79-8	Sulfate	340	340	mg/l
KAFB-106240-449	GW240-449-211	N	INITIAL	50	NONE	410-25765-1	16887-00-6	Chloride	160	160	mg/l
KAFB-106240-449	GW240-449-211	N	INITIAL	10	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	6	6	mg/l
KAFB-106240-449	GW240-449-211	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	81	81	mg/l
KAFB-106240-449	GW240-449-211	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	81	81	mg/l
KAFB-106240-449	GW240-449-211	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106240-449	GW240-449-211	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	< 0.10	0.1	mg/l
KAFB-106240-449	GW240-449-211	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l
KAFB-106240-449	GW240-449-211	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	30	30	mg/l
KAFB-106240-449	GW240-449-211	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	46	46	mg/l
KAFB-106240-449	GW240-449-211	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	210	210	mg/l
KAFB-106240-449	GW240-449-211	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	4.6	4.6	mg/l
KAFB-106240-449	GW240-449-211	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	< 0.00025	0.00025	mg/l
KAFB-106240-449	GW240-449-211	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.00093	0.00093	mg/l
KAFB-106240-449	GW240-449-211	N	INITIAL	1	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106240-449	GW240-449-211	N	INITIAL	1	NONE	410-25765-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106240-449	GW240-449-211	N	INITIAL	1	NONE	410-25765-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106240-449	GW240-449-211	N	INITIAL	1	NONE	410-25765-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106240-449	GW240-449-211	N	INITIAL	1	NONE	410-25765-1	71-43-2	Benzene	< 0.50	0.5	ug/l
KAFB-106241-428	GW241-428-211	N	INITIAL	5	NONE	410-25683-1	14808-79-8	Sulfate	43	43	mg/l
KAFB-106241-428	GW241-428-211	N	INITIAL	5	NONE	410-25683-1	24959-67-9	Bromide	< 2.5	2.5	mg/l
KAFB-106241-428	GW241-428-211	N	INITIAL	20	NONE	410-25683-1	16887-00-6	Chloride	28	28	mg/l
KAFB-106241-428	GW241-428-211	N	INITIAL	1	NONE	410-25683-1	NNN	Nitrogen as nitrate + nitrite	0.076	0.076	mg/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106241-428	GW241-428-211	N	INITIAL	1	NONE	410-25683-1	ALK	Alkalinity, total (as CaCO3)	160	160	mg/l
KAFB-106241-428	GW241-428-211	N	INITIAL	1	NONE	410-25683-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	160	160	mg/l
KAFB-106241-428	GW241-428-211	N	INITIAL	1	NONE	410-25683-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106241-428	GW241-428-211	D	INITIAL	1	METHOD	410-25683-1	7439-89-6	Iron	< 0.10	0.1	mg/l
KAFB-106241-428	GW241-428-211	D	INITIAL	1	METHOD	410-25683-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l
KAFB-106241-428	GW241-428-211	T	INITIAL	1	SW3005	410-25683-1	7439-95-4	Magnesium	7	7	mg/l
KAFB-106241-428	GW241-428-211	T	INITIAL	1	SW3005	410-25683-1	7440-09-7	Potassium	2.7	2.7	mg/l
KAFB-106241-428	GW241-428-211	T	INITIAL	1	SW3005	410-25683-1	7440-23-5	Sodium	27	27	mg/l
KAFB-106241-428	GW241-428-211	T	INITIAL	1	SW3005	410-25683-1	7440-70-2	Calcium	49	49	mg/l
KAFB-106241-428	GW241-428-211	T	INITIAL	1	SW3005	410-25683-1	7439-92-1	Lead	< 0.00025	0.00025	mg/l
KAFB-106241-428	GW241-428-211	T	INITIAL	1	SW3005	410-25683-1	7440-38-2	Arsenic	0.0009	0.0009	mg/l
KAFB-106241-428	GW241-428-211	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	0.029	0.029	ug/l
KAFB-106241-428	GW241-428-611	N	INITIAL	5	NONE	410-25683-1	14808-79-8	Sulfate	44	44	mg/l
KAFB-106241-428	GW241-428-611	N	INITIAL	5	NONE	410-25683-1	24959-67-9	Bromide	< 2.5	2.5	mg/l
KAFB-106241-428	GW241-428-611	N	INITIAL	20	NONE	410-25683-1	16887-00-6	Chloride	29	29	mg/l
KAFB-106241-428	GW241-428-611	N	INITIAL	1	NONE	410-25683-1	NNN	Nitrogen as nitrate + nitrite	0.32	0.32	mg/l
KAFB-106241-428	GW241-428-611	N	INITIAL	1	NONE	410-25683-1	ALK	Alkalinity, total (as CaCO3)	120	120	mg/l
KAFB-106241-428	GW241-428-611	N	INITIAL	1	NONE	410-25683-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120	mg/l
KAFB-106241-428	GW241-428-611	N	INITIAL	1	NONE	410-25683-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106241-428	GW241-428-611	D	INITIAL	1	METHOD	410-25683-1	7439-89-6	Iron	< 0.10	0.1	mg/l
KAFB-106241-428	GW241-428-611	D	INITIAL	1	METHOD	410-25683-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l
KAFB-106241-428	GW241-428-611	T	INITIAL	1	SW3005	410-25683-1	7439-95-4	Magnesium	6.8	6.8	mg/l
KAFB-106241-428	GW241-428-611	T	INITIAL	1	SW3005	410-25683-1	7440-09-7	Potassium	2.7	2.7	mg/l
KAFB-106241-428	GW241-428-611	T	INITIAL	1	SW3005	410-25683-1	7440-23-5	Sodium	26	26	mg/l
KAFB-106241-428	GW241-428-611	T	INITIAL	1	SW3005	410-25683-1	7440-70-2	Calcium	48	48	mg/l
KAFB-106241-428	GW241-428-611	T	INITIAL	1	SW3005	410-25683-1	7439-92-1	Lead	< 0.00025	0.00025	mg/l
KAFB-106241-428	GW241-428-611	T	INITIAL	1	SW3005	410-25683-1	7440-38-2	Arsenic	0.00098	0.00098	mg/l
KAFB-106241-428	GW241-428-611	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	0.03	0.03	ug/l
KAFB-106241-428	GW241-428-611	T	INITIAL	1	SW3005	410-25683-1	7440-38-2	Arsenic	0.00098	0.00098	mg/l
KAFB-106241-428	GW241-428-611	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	0.03	0.03	ug/l
KAFB-106242-418	GW242-418-211	N	INITIAL	50	NONE	410-25516-1	14808-79-8	Sulfate	150	150	mg/l
KAFB-106242-418	GW242-418-211	N	INITIAL	50	NONE	410-25516-1	16887-00-6	Chloride	200	200	mg/l
KAFB-106242-418	GW242-418-211	N	INITIAL	500	NONE	410-25516-1	24959-67-9	Bromide	< 200	200	mg/l
KAFB-106242-418	GW242-418-211	N	INITIAL	5	NONE	410-25516-1	NNN	Nitrogen as nitrate + nitrite	6.4	6.4	mg/l
KAFB-106242-418	GW242-418-211	N	INITIAL	1	NONE	410-25516-1	ALK	Alkalinity, total (as CaCO3)	120	120	mg/l
KAFB-106242-418	GW242-418-211	N	INITIAL	1	NONE	410-25516-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120	mg/l
KAFB-106242-418	GW242-418-211	N	INITIAL	1	NONE	410-25516-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106242-418	GW242-418-211	D	INITIAL	1	METHOD	410-25516-1	7439-89-6	Iron	< 0.10	0.1	mg/l
KAFB-106242-418	GW242-418-211	D	INITIAL	1	METHOD	410-25516-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l
KAFB-106242-418	GW242-418-211	T	INITIAL	1	SW3005	410-25516-1	7439-95-4	Magnesium	24	24	mg/l
KAFB-106242-418	GW242-418-211	T	INITIAL	1	SW3005	410-25516-1	7440-09-7	Potassium	5	5	mg/l
KAFB-106242-418	GW242-418-211	T	INITIAL	1	SW3005	410-25516-1	7440-23-5	Sodium	49	49	mg/l
KAFB-106242-418	GW242-418-211	T	INITIAL	1	SW3005	410-25516-1	7440-70-2	Calcium	160	160	mg/l
KAFB-106242-418	GW242-418-211	T	INITIAL	1	SW3005	410-25516-1	7439-92-1	Lead	< 0.00025	0.00025	mg/l
KAFB-106242-418	GW242-418-211	T	INITIAL	1	SW3005	410-25516-1	7440-38-2	Arsenic	0.00084	0.00084	mg/l
KAFB-106242-418	GW242-418-211	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106243-425	GW243-425-211	N	INITIAL	5	NONE	410-25765-1	14808-79-8	Sulfate	38	38	mg/l
KAFB-106243-425	GW243-425-211	N	INITIAL	5	NONE	410-25765-1	16887-00-6	Chloride	17	17	mg/l
KAFB-106243-425	GW243-425-211	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	< 2.0	2	mg/l
KAFB-106243-425	GW243-425-211	N	INITIAL	1	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09	mg/l
KAFB-106243-425	GW243-425-211	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	150	150	mg/l
KAFB-106243-425	GW243-425-211	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	150	150	mg/l
KAFB-106243-425	GW243-425-211	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106243-425	GW243-425-211	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	7	7	mg/l
KAFB-106243-425	GW243-425-211	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	26	26	mg/l
KAFB-106243-425	GW243-425-211	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	51	51	mg/l
KAFB-106243-425	GW243-425-211	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	2.5	2.5	mg/l

Table D-1-1
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well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106243-425	GW243-425-211	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	< 0.10	0.1	mg/l
KAFB-106243-425	GW243-425-211	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l
KAFB-106243-425	GW243-425-211	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	0.000087	0.000087	mg/l
KAFB-106243-425	GW243-425-211	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.0012	0.0012	mg/l
KAFB-106243-425	GW243-425-211	N	INITIAL	1	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	0.023	0.023	ug/l
KAFB-106244-445	GW244-445-211	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	< 2.0	2	mg/l
KAFB-106244-445	GW244-445-211	N	INITIAL	50	NONE	410-25765-1	14808-79-8	Sulfate	250	250	mg/l
KAFB-106244-445	GW244-445-211	N	INITIAL	50	NONE	410-25765-1	16887-00-6	Chloride	100	100	mg/l
KAFB-106244-445	GW244-445-211	N	INITIAL	5	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	3.5	3.5	mg/l
KAFB-106244-445	GW244-445-211	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	99	99	mg/l
KAFB-106244-445	GW244-445-211	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	99	99	mg/l
KAFB-106244-445	GW244-445-211	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106244-445	GW244-445-211	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	< 0.10	0.1	mg/l
KAFB-106244-445	GW244-445-211	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l
KAFB-106244-445	GW244-445-211	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	21	21	mg/l
KAFB-106244-445	GW244-445-211	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	58	58	mg/l
KAFB-106244-445	GW244-445-211	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	140	140	mg/l
KAFB-106244-445	GW244-445-211	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	4.6	4.6	mg/l
KAFB-106244-445	GW244-445-211	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	0.000088	0.000088	mg/l
KAFB-106244-445	GW244-445-211	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.001	0.001	mg/l
KAFB-106244-445	GW244-445-211	N	INITIAL	1	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106244-445	GW244-445-211	N	INITIAL	1	NONE	410-25765-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106244-445	GW244-445-211	N	INITIAL	1	NONE	410-25765-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106244-445	GW244-445-211	N	INITIAL	1	NONE	410-25765-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106244-445	GW244-445-211	N	INITIAL	1	NONE	410-25765-1	71-43-2	Benzene	< 0.50	0.5	ug/l
KAFB-106245-460	GW245-460-211	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	3.5	3.5	mg/l
KAFB-106245-460	GW245-460-211	N	INITIAL	50	NONE	410-25765-1	14808-79-8	Sulfate	85	85	mg/l
KAFB-106245-460	GW245-460-211	N	INITIAL	50	NONE	410-25765-1	16887-00-6	Chloride	65	65	mg/l
KAFB-106245-460	GW245-460-211	N	INITIAL	5	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	11	11	mg/l
KAFB-106245-460	GW245-460-211	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	100	100	mg/l
KAFB-106245-460	GW245-460-211	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100	mg/l
KAFB-106245-460	GW245-460-211	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106245-460	GW245-460-211	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	< 0.10	0.1	mg/l
KAFB-106245-460	GW245-460-211	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l
KAFB-106245-460	GW245-460-211	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	11	11	mg/l
KAFB-106245-460	GW245-460-211	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	29	29	mg/l
KAFB-106245-460	GW245-460-211	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	77	77	mg/l
KAFB-106245-460	GW245-460-211	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	2.7	2.7	mg/l
KAFB-106245-460	GW245-460-211	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	< 0.00025	0.00025	mg/l
KAFB-106245-460	GW245-460-211	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.0011	0.0011	mg/l
KAFB-106245-460	GW245-460-211	N	INITIAL	1	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106245-460	GW245-460-211	N	INITIAL	1	NONE	410-25765-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106245-460	GW245-460-211	N	INITIAL	1	NONE	410-25765-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106245-460	GW245-460-211	N	INITIAL	1	NONE	410-25765-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106245-460	GW245-460-211	N	INITIAL	1	NONE	410-25765-1	71-43-2	Benzene	< 0.50	0.5	ug/l
KAFB-106247-450	GW247-450-211	N	INITIAL	5	NONE	410-25765-1	14808-79-8	Sulfate	33	33	mg/l
KAFB-106247-450	GW247-450-211	N	INITIAL	5	NONE	410-25765-1	16887-00-6	Chloride	12	12	mg/l
KAFB-106247-450	GW247-450-211	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	< 2.0	2	mg/l
KAFB-106247-450	GW247-450-211	N	INITIAL	1	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	0.68	0.68	mg/l
KAFB-106247-450	GW247-450-211	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	160	160	mg/l
KAFB-106247-450	GW247-450-211	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	160	160	mg/l
KAFB-106247-450	GW247-450-211	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106247-450	GW247-450-211	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	< 0.10	0.1	mg/l
KAFB-106247-450	GW247-450-211	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l
KAFB-106247-450	GW247-450-211	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	7	7	mg/l

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well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106247-450	GW247-450-211	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	26	26	mg/l
KAFB-106247-450	GW247-450-211	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	48	48	mg/l
KAFB-106247-450	GW247-450-211	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	2.4	2.4	mg/l
KAFB-106247-450	GW247-450-211	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	< 0.00025	0.00025	mg/l
KAFB-106247-450	GW247-450-211	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	< 0.0016	0.0016	mg/l
KAFB-106247-450	GW247-450-211	N	INITIAL	1	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106247-450	GW247-450-211	N	INITIAL	1	NONE	410-25765-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106247-450	GW247-450-211	N	INITIAL	1	NONE	410-25765-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106247-450	GW247-450-211	N	INITIAL	1	NONE	410-25765-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106247-450	GW247-450-211	N	INITIAL	1	NONE	410-25765-1	71-43-2	Benzene	< 0.50	0.5	ug/l
KAFB-106247-450	GW247-450-611	N	INITIAL	5	NONE	410-25765-1	14808-79-8	Sulfate	29	29	mg/l
KAFB-106247-450	GW247-450-611	N	INITIAL	5	NONE	410-25765-1	16887-00-6	Chloride	11	11	mg/l
KAFB-106247-450	GW247-450-611	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	< 2.0	2	mg/l
KAFB-106247-450	GW247-450-611	N	INITIAL	1	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	0.59	0.59	mg/l
KAFB-106247-450	GW247-450-611	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	150	150	mg/l
KAFB-106247-450	GW247-450-611	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	150	150	mg/l
KAFB-106247-450	GW247-450-611	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106247-450	GW247-450-611	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	< 0.10	0.1	mg/l
KAFB-106247-450	GW247-450-611	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l
KAFB-106247-450	GW247-450-611	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	7.3	7.3	mg/l
KAFB-106247-450	GW247-450-611	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	2.5	2.5	mg/l
KAFB-106247-450	GW247-450-611	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	27	27	mg/l
KAFB-106247-450	GW247-450-611	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	51	51	mg/l
KAFB-106247-450	GW247-450-611	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	< 0.00025	0.00025	mg/l
KAFB-106247-450	GW247-450-611	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	< 0.0016	0.0016	mg/l
KAFB-106247-450	GW247-450-611	N	INITIAL	1	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106098	GW098-211	N	INITIAL	1	NONE	410-26145-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106098	GW098-211	N	INITIAL	1	NONE	410-26145-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106098	GW098-211	N	INITIAL	1	NONE	410-26145-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106098	GW098-211	N	INITIAL	1	NONE	410-26145-1	71-43-2	Benzene	< 0.50	0.5	ug/l
KAFB-106099	GW099-211	N	INITIAL	1	METHOD	410-26381-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106099	GW099-211	N	INITIAL	1	NONE	410-26381-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106099	GW099-211	N	INITIAL	1	NONE	410-26381-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106099	GW099-211	N	INITIAL	1	NONE	410-26381-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106099	GW099-211	N	INITIAL	1	NONE	410-26381-1	71-43-2	Benzene	< 0.50	0.5	ug/l
KAFB-106100	GW100-211	N	INITIAL	1	METHOD	410-26381-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106100	GW100-211	N	INITIAL	1	NONE	410-26381-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106100	GW100-211	N	INITIAL	1	NONE	410-26381-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106100	GW100-211	N	INITIAL	1	NONE	410-26381-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106100	GW100-211	N	INITIAL	1	NONE	410-26381-1	71-43-2	Benzene	< 0.50	0.5	ug/l
KAFB-106101	GW101-211	N	INITIAL	1	METHOD	410-26381-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106101	GW101-211	N	INITIAL	1	NONE	410-26381-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106101	GW101-211	N	INITIAL	1	NONE	410-26381-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106101	GW101-211	N	INITIAL	1	NONE	410-26381-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106101	GW101-211	N	INITIAL	1	NONE	410-26381-1	71-43-2	Benzene	< 0.50	0.5	ug/l
KAFB-106101	GW101-611	N	INITIAL	1	METHOD	410-26381-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106101	GW101-611	N	INITIAL	1	NONE	410-26381-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106101	GW101-611	N	INITIAL	1	NONE	410-26381-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106101	GW101-611	N	INITIAL	1	NONE	410-26381-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106101	GW101-611	N	INITIAL	1	NONE	410-26381-1	71-43-2	Benzene	< 0.50	0.5	ug/l
KAFB-106102	GW102-211	N	INITIAL	1	METHOD	410-26637-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106102	GW102-211	N	INITIAL	1	NONE	410-26637-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106102	GW102-211	N	INITIAL	1	NONE	410-26637-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106102	GW102-211	N	INITIAL	1	NONE	410-26637-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106102	GW102-211	N	INITIAL	1	NONE	410-26637-1	71-43-2	Benzene	< 0.50	0.5	ug/l

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well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106149-484	GW149-484-211	N	INITIAL	5	NONE	410-25765-1	14808-79-8	Sulfate	< 4.5	4.5	mg/l
KAFB-106149-484	GW149-484-211	N	INITIAL	5	NONE	410-25765-1	16887-00-6	Chloride	12	12	mg/l
KAFB-106149-484	GW149-484-211	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	< 2.0	2	mg/l
KAFB-106149-484	GW149-484-211	N	INITIAL	1	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09	mg/l
KAFB-106149-484	GW149-484-211	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	270	270	mg/l
KAFB-106149-484	GW149-484-211	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	270	270	mg/l
KAFB-106149-484	GW149-484-211	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106149-484	GW149-484-211	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	13	13	mg/l
KAFB-106149-484	GW149-484-211	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	30	30	mg/l
KAFB-106149-484	GW149-484-211	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	81	81	mg/l
KAFB-106149-484	GW149-484-211	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	3.5	3.5	mg/l
KAFB-106149-484	GW149-484-211	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	0.24	0.24	mg/l
KAFB-106149-484	GW149-484-211	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	2.5	2.5	mg/l
KAFB-106149-484	GW149-484-211	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	0.00095	0.00095	mg/l
KAFB-106149-484	GW149-484-211	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.0038	0.0038	mg/l
KAFB-106149-484	GW149-484-211	N	INITIAL	1000	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	120	120	ug/l
KAFB-106151-484	GW151-484-211	N	INITIAL	5	NONE	410-25906-1	24959-67-9	Bromide	1.5	1.5	mg/l
KAFB-106151-484	GW151-484-211	N	INITIAL	50	NONE	410-25906-1	14808-79-8	Sulfate	250	250	mg/l
KAFB-106151-484	GW151-484-211	N	INITIAL	50	NONE	410-25906-1	16887-00-6	Chloride	64	64	mg/l
KAFB-106151-484	GW151-484-211	N	INITIAL	1	NONE	410-25906-1	NNN	Nitrogen as nitrate + nitrite	0.29	0.29	mg/l
KAFB-106151-484	GW151-484-211	N	INITIAL	1	NONE	410-25906-1	ALK	Alkalinity, total (as CaCO3)	250	250	mg/l
KAFB-106151-484	GW151-484-211	N	INITIAL	1	NONE	410-25906-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	250	250	mg/l
KAFB-106151-484	GW151-484-211	N	INITIAL	1	NONE	410-25906-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106151-484	GW151-484-211	D	INITIAL	1	METHOD	410-25906-1	7439-89-6	Iron	< 0.21	0.21	mg/l
KAFB-106151-484	GW151-484-211	T	INITIAL	1	SW3005	410-25906-1	7439-95-4	Magnesium	26	26	mg/l
KAFB-106151-484	GW151-484-211	T	INITIAL	1	SW3005	410-25906-1	7440-09-7	Potassium	4.6	4.6	mg/l
KAFB-106151-484	GW151-484-211	T	INITIAL	1	SW3005	410-25906-1	7440-23-5	Sodium	41	41	mg/l
KAFB-106151-484	GW151-484-211	T	INITIAL	1	SW3005	410-25906-1	7440-70-2	Calcium	180	180	mg/l
KAFB-106151-484	GW151-484-211	D	INITIAL	1	METHOD	410-25906-1	7439-96-5	Manganese	0.55	0.55	mg/l
KAFB-106151-484	GW151-484-211	T	INITIAL	1	SW3005	410-25906-1	7439-92-1	Lead	0.000075	0.000075	mg/l
KAFB-106151-484	GW151-484-211	T	INITIAL	1	SW3005	410-25906-1	7440-38-2	Arsenic	0.00079	0.00079	mg/l
KAFB-106151-484	GW151-484-211	N	INITIAL	1	METHOD	410-25906-1	106-93-4	1,2-Dibromoethane	0.039	0.039	ug/l
KAFB-106152-484	GW152-484-211	N	INITIAL	5	NONE	410-25906-1	14808-79-8	Sulfate	< 5.0	5	mg/l
KAFB-106152-484	GW152-484-211	N	INITIAL	5	NONE	410-25906-1	24959-67-9	Bromide	< 2.5	2.5	mg/l
KAFB-106152-484	GW152-484-211	N	INITIAL	50	NONE	410-25906-1	16887-00-6	Chloride	43	43	mg/l
KAFB-106152-484	GW152-484-211	N	INITIAL	1	NONE	410-25906-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09	mg/l
KAFB-106152-484	GW152-484-211	N	INITIAL	1	NONE	410-25906-1	ALK	Alkalinity, total (as CaCO3)	520	520	mg/l
KAFB-106152-484	GW152-484-211	N	INITIAL	1	NONE	410-25906-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	520	520	mg/l
KAFB-106152-484	GW152-484-211	N	INITIAL	1	NONE	410-25906-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106247-450	GW247-450-611	N	INITIAL	1	NONE	410-25765-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106247-450	GW247-450-611	N	INITIAL	1	NONE	410-25765-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106247-450	GW247-450-611	N	INITIAL	1	NONE	410-25765-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106247-450	GW247-450-611	N	INITIAL	1	NONE	410-25765-1	71-43-2	Benzene	< 0.50	0.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	14808-79-8	Sulfate	9.8	9.8	mg/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	16887-00-6	Chloride	16	16	mg/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	24959-67-9	Bromide	< 2.0	2	mg/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	1	NONE	410-26694-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09	mg/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	1	NONE	410-26694-1	ALK	Alkalinity, total (as CaCO3)	180	180	mg/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	1	NONE	410-26694-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	180	180	mg/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	1	NONE	410-26694-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106S10-443	GWS10-443-211	D	INITIAL	1	METHOD	410-26694-1	7439-96-5	Manganese	0.77	0.77	mg/l
KAFB-106S10-443	GWS10-443-211	D	INITIAL	1	METHOD	410-26694-1	7439-89-6	Iron	< 0.10	0.1	mg/l
KAFB-106S10-443	GWS10-443-211	T	INITIAL	1	SW3005	410-26694-1	7439-95-4	Magnesium	7.6	7.6	mg/l
KAFB-106S10-443	GWS10-443-211	T	INITIAL	1	SW3005	410-26694-1	7440-23-5	Sodium	26	26	mg/l
KAFB-106S10-443	GWS10-443-211	T	INITIAL	1	SW3005	410-26694-1	7440-70-2	Calcium	48	48	mg/l

Table D-1-1
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well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106S10-443	GWS10-443-211	T	INITIAL	1	SW3005	410-26694-1	7440-09-7	Potassium	2.8	2.8	mg/l
KAFB-106S10-443	GWS10-443-211	T	INITIAL	1	SW3005	410-26694-1	7439-92-1	Lead	< 0.00050	0.0005	mg/l
KAFB-106S10-443	GWS10-443-211	T	INITIAL	1	SW3005	410-26694-1	7440-38-2	Arsenic	0.0015	0.0015	mg/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	2000	METHOD	410-26694-1	106-93-4	1,2-Dibromoethane	200	200	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	25	NONE	410-26694-1	TPH-GRO	TPH-GRO (C6-C10)	62000	62000	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	SW3510C	410-26694-1	TPH-DRO	TPH-DRO (C10-C28)	26000	26000	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	100-41-4	Ethylbenzene	670	670	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	100-42-5	Styrene	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	10061-01-5	Cis-1,3-dichloropropene	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	10061-02-6	Trans-1,3-dichloropropene	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	103-65-1	n-Propylbenzene	29	29	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	104-51-8	n-Butylbenzene	2.6	2.6	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	106-43-4	4-Chlorotoluene	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	106-46-7	1,4-Dichlorobenzene	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	106-93-4	1,2-Dibromoethane	170	170	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	107-02-8	Acrolein	< 25	25	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	107-06-2	1,2-Dichloroethane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	107-13-1	Acrylonitrile	< 5.0	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	108-05-4	Vinyl acetate	< 10	10	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	108-10-1	4-Methyl-2-pentanone	13	13	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	108-67-8	1,3,5-Trimethylbenzene	56	56	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	108-86-1	Bromobenzene	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	108-90-7	Chlorobenzene	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	120-82-1	1,2,4-Trichlorobenzene	< 5.0	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	124-48-1	Dibromochloromethane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	127-18-4	Tetrachloroethene	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	1330-20-7	Xylenes, total	3000	3000	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	135-98-8	sec-Butylbenzene	5.1	5.1	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	142-28-9	1,3-Dichloropropane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	156-59-2	Cis-1,2-Dichloroethene	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	156-60-5	Trans-1,2-Dichloroethene	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	1634-04-4	Methyl tert-butyl ether	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	179601-23-1	m- & p-Xylenes	2100	2100	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	541-73-1	1,3-Dichlorobenzene	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	56-23-5	Carbon tetrachloride	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	563-58-6	1,1-Dichloropropene	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	591-78-6	2-Hexanone	26	26	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	594-20-7	2,2-Dichloropropane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	630-20-6	1,1,1,2-Tetrachloroethane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	67-64-1	Acetone	260	260	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	67-66-3	Chloroform	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	71-55-6	1,1,1-Trichloroethane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	74-83-9	Bromomethane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	74-87-3	Chloromethane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	74-95-3	Dibromomethane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	74-97-5	Bromochloromethane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	75-00-3	Chloroethane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	75-01-4	Vinyl chloride	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	75-09-2	Methylene chloride	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	75-15-0	Carbon disulfide	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	75-25-2	Bromoform	< 10	10	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	75-27-4	Bromodichloromethane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	75-34-3	1,1-Dichloroethane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	75-35-4	1,1-Dichloroethene	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	75-69-4	Trichlorofluoromethane	< 2.5	2.5	ug/l

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well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	75-71-8	Dichlorodifluoromethane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	78-87-5	1,2-Dichloropropane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	78-93-3	2-Butanone	50	50	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	79-00-5	1,1,2-Trichloroethane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	79-01-6	Trichloroethene	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	79-34-5	1,1,2,2-Tetrachloroethane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	87-61-6	1,2,3-Trichlorobenzene	< 5.0	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	87-68-3	Hexachloro-1,3-butadiene	< 20	20	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	91-20-3	Naphthalene	110	110	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	95-47-6	o-Xylene	910	910	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	95-49-8	2-Chlorotoluene	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	95-50-1	1,2-Dichlorobenzene	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	95-63-6	1,2,4-Trimethylbenzene	190	190	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	96-12-8	1,2-Dibromo-3-chloropropane	< 5.0	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	96-18-4	1,2,3-Trichloropropane	< 2.5	2.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	98-06-6	tert-Butylbenzene	< 5.0	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	98-82-8	Isopropylbenzene	37	37	ug/l
KAFB-106S10-443	GWS10-443-211	N	INITIAL	5	NONE	410-26694-1	99-87-6	4-Isopropyltoluene	3.5	3.5	ug/l
KAFB-106S10-443	GWS10-443-211	N	REANALYSIS	50	NONE	410-26694-1	71-43-2	Benzene	11000	11000	ug/l
KAFB-106S10-443	GWS10-443-211	N	REANALYSIS	500	NONE	410-26694-1	108-88-3	Toluene	17000	17000	ug/l
KAFB-106S1-447	GWS1-447-211	N	INITIAL	5	NONE	410-25765-1	14808-79-8	Sulfate	6.2	6.2	mg/l
KAFB-106S1-447	GWS1-447-211	N	INITIAL	5	NONE	410-25765-1	16887-00-6	Chloride	19	19	mg/l
KAFB-106S1-447	GWS1-447-211	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	2.1	2.1	mg/l
KAFB-106S1-447	GWS1-447-211	N	INITIAL	1	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09	mg/l
KAFB-106S1-447	GWS1-447-211	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	280	280	mg/l
KAFB-106S1-447	GWS1-447-211	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	280	280	mg/l
KAFB-106S1-447	GWS1-447-211	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106S1-447	GWS1-447-211	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	0.33	0.33	mg/l
KAFB-106S1-447	GWS1-447-211	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	15	15	mg/l
KAFB-106S1-447	GWS1-447-211	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	3	3	mg/l
KAFB-106S1-447	GWS1-447-211	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	32	32	mg/l
KAFB-106S1-447	GWS1-447-211	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	90	90	mg/l
KAFB-106S1-447	GWS1-447-211	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	2.9	2.9	mg/l
KAFB-106S1-447	GWS1-447-211	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	0.00032	0.00032	mg/l
KAFB-106S1-447	GWS1-447-211	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.003	0.003	mg/l
KAFB-106S1-447	GWS1-447-211	N	INITIAL	1000	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	120	120	ug/l
KAFB-106S1-447	GWS1-447-211	N	INITIAL	10	NONE	410-25765-1	100-41-4	Ethylbenzene	500	500	ug/l
KAFB-106S1-447	GWS1-447-211	N	INITIAL	10	NONE	410-25765-1	1330-20-7	Xylenes, total	2300	2300	ug/l
KAFB-106S1-447	GWS1-447-211	N	REANALYSIS	100	NONE	410-25765-1	108-88-3	Toluene	5900	5900	ug/l
KAFB-106S1-447	GWS1-447-211	N	REANALYSIS	100	NONE	410-25765-1	71-43-2	Benzene	5400	5400	ug/l
KAFB-106S2-451	GWS2-451-211	N	INITIAL	5	NONE	410-25765-1	14808-79-8	Sulfate	1.7	1.7	mg/l
KAFB-106S2-451	GWS2-451-211	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	3.5	3.5	mg/l
KAFB-106S2-451	GWS2-451-211	N	INITIAL	50	NONE	410-25765-1	16887-00-6	Chloride	150	150	mg/l
KAFB-106S2-451	GWS2-451-211	N	INITIAL	1	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09	mg/l
KAFB-106S2-451	GWS2-451-211	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	380	380	mg/l
KAFB-106S2-451	GWS2-451-211	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	380	380	mg/l
KAFB-106S2-451	GWS2-451-211	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106S2-451	GWS2-451-211	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	2.1	2.1	mg/l
KAFB-106S2-451	GWS2-451-211	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	25	25	mg/l
KAFB-106S2-451	GWS2-451-211	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	41	41	mg/l
KAFB-106S2-451	GWS2-451-211	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	150	150	mg/l
KAFB-106S2-451	GWS2-451-211	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	3.8	3.8	mg/l
KAFB-106S2-451	GWS2-451-211	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	7	7	mg/l
KAFB-106S2-451	GWS2-451-211	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	0.0018	0.0018	mg/l
KAFB-106S2-451	GWS2-451-211	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.002	0.002	mg/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106S2-451	GWS2-451-211	N	INITIAL	200	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	24	24	ug/l
KAFB-106S2-451	GWS2-451-211	N	INITIAL	2	NONE	410-25765-1	100-41-4	Ethylbenzene	65	65	ug/l
KAFB-106S2-451	GWS2-451-211	N	INITIAL	2	NONE	410-25765-1	108-88-3	Toluene	70	70	ug/l
KAFB-106S2-451	GWS2-451-211	N	INITIAL	2	NONE	410-25765-1	1330-20-7	Xylenes, total	820	820	ug/l
KAFB-106S2-451	GWS2-451-211	N	REANALYSIS	20	NONE	410-25765-1	71-43-2	Benzene	1300	1300	ug/l
KAFB-106S3-449	GWS3-449-211	N	INITIAL	5	NONE	410-25906-1	14808-79-8	Sulfate	< 5.0	5	mg/l
KAFB-106S3-449	GWS3-449-211	N	INITIAL	5	NONE	410-25906-1	24959-67-9	Bromide	2.7	2.7	mg/l
KAFB-106S3-449	GWS3-449-211	N	INITIAL	50	NONE	410-25906-1	16887-00-6	Chloride	140	140	mg/l
KAFB-106S3-449	GWS3-449-211	N	INITIAL	1	NONE	410-25906-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09	mg/l
KAFB-106S3-449	GWS3-449-211	N	INITIAL	1	NONE	410-25906-1	ALK	Alkalinity, total (as CaCO3)	420	420	mg/l
KAFB-106S3-449	GWS3-449-211	N	INITIAL	1	NONE	410-25906-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	420	420	mg/l
KAFB-106S3-449	GWS3-449-211	N	INITIAL	1	NONE	410-25906-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106S3-449	GWS3-449-211	D	INITIAL	1	METHOD	410-25906-1	7439-89-6	Iron	4.8	4.8	mg/l
KAFB-106S3-449	GWS3-449-211	T	INITIAL	1	SW3005	410-25906-1	7439-95-4	Magnesium	27	27	mg/l
KAFB-106S3-449	GWS3-449-211	T	INITIAL	1	SW3005	410-25906-1	7440-09-7	Potassium	4	4	mg/l
KAFB-106S3-449	GWS3-449-211	T	INITIAL	1	SW3005	410-25906-1	7440-23-5	Sodium	43	43	mg/l
KAFB-106S3-449	GWS3-449-211	T	INITIAL	1	SW3005	410-25906-1	7440-70-2	Calcium	160	160	mg/l
KAFB-106S3-449	GWS3-449-211	D	INITIAL	1	METHOD	410-25906-1	7439-96-5	Manganese	3.9	3.9	mg/l
KAFB-106S3-449	GWS3-449-211	T	INITIAL	1	SW3005	410-25906-1	7439-92-1	Lead	0.00081	0.00081	mg/l
KAFB-106S3-449	GWS3-449-211	T	INITIAL	1	SW3005	410-25906-1	7440-38-2	Arsenic	0.0061	0.0061	mg/l
KAFB-106S3-449	GWS3-449-211	N	INITIAL	10	METHOD	410-25906-1	106-93-4	1,2-Dibromoethane	1.7	1.7	ug/l
KAFB-106S3-449	GWS3-449-211	N	INITIAL	1	NONE	410-25906-1	100-41-4	Ethylbenzene	240	240	ug/l
KAFB-106S3-449	GWS3-449-211	N	INITIAL	1	NONE	410-25906-1	108-88-3	Toluene	38	38	ug/l
KAFB-106S3-449	GWS3-449-211	N	REANALYSIS	10	NONE	410-25906-1	1330-20-7	Xylenes, total	1100	1100	ug/l
KAFB-106S3-449	GWS3-449-211	N	REANALYSIS	10	NONE	410-25906-1	71-43-2	Benzene	1800	1800	ug/l
KAFB-106S4-446	GWS4-446-211	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	4.1	4.1	mg/l
KAFB-106S4-446	GWS4-446-211	N	INITIAL	50	NONE	410-25765-1	14808-79-8	Sulfate	370	370	mg/l
KAFB-106S4-446	GWS4-446-211	N	INITIAL	50	NONE	410-25765-1	16887-00-6	Chloride	170	170	mg/l
KAFB-106S4-446	GWS4-446-211	N	INITIAL	10	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	6.9	6.9	mg/l
KAFB-106S4-446	GWS4-446-211	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	93	93	mg/l
KAFB-106S4-446	GWS4-446-211	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	93	93	mg/l
KAFB-106S4-446	GWS4-446-211	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106S4-446	GWS4-446-211	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	29	29	mg/l
KAFB-106S4-446	GWS4-446-211	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	66	66	mg/l
KAFB-106S4-446	GWS4-446-211	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	190	190	mg/l
KAFB-106S4-446	GWS4-446-211	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	4.9	4.9	mg/l
KAFB-106S4-446	GWS4-446-211	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	< 0.10	0.1	mg/l
KAFB-106S4-446	GWS4-446-211	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l
KAFB-106S4-446	GWS4-446-211	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	< 0.00025	0.00025	mg/l
KAFB-106S4-446	GWS4-446-211	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.00081	0.00081	mg/l
KAFB-106S4-446	GWS4-446-211	N	INITIAL	1	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	0.026	0.026	ug/l
KAFB-106S4-446	GWS4-446-211	N	INITIAL	1	NONE	410-25765-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106S4-446	GWS4-446-211	N	INITIAL	1	NONE	410-25765-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106S4-446	GWS4-446-211	N	INITIAL	1	NONE	410-25765-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106S4-446	GWS4-446-211	N	INITIAL	1	NONE	410-25765-1	71-43-2	Benzene	< 0.50	0.5	ug/l
KAFB-106S5-446	GWS5-446-211	N	INITIAL	5	NONE	410-25906-1	14808-79-8	Sulfate	< 5.0	5	mg/l
KAFB-106S5-446	GWS5-446-211	N	INITIAL	5	NONE	410-25906-1	16887-00-6	Chloride	22	22	mg/l
KAFB-106S5-446	GWS5-446-211	N	INITIAL	5	NONE	410-25906-1	24959-67-9	Bromide	< 2.5	2.5	mg/l
KAFB-106S5-446	GWS5-446-211	N	INITIAL	1	NONE	410-25906-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09	mg/l
KAFB-106S5-446	GWS5-446-211	N	INITIAL	1	NONE	410-25906-1	ALK	Alkalinity, total (as CaCO3)	220	220	mg/l
KAFB-106S5-446	GWS5-446-211	N	INITIAL	1	NONE	410-25906-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	220	220	mg/l
KAFB-106S5-446	GWS5-446-211	N	INITIAL	1	NONE	410-25906-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106S5-446	GWS5-446-211	D	INITIAL	1	METHOD	410-25906-1	7439-89-6	Iron	1.1	1.1	mg/l
KAFB-106S5-446	GWS5-446-211	T	INITIAL	1	SW3005	410-25906-1	7439-95-4	Magnesium	10	10	mg/l
KAFB-106S5-446	GWS5-446-211	T	INITIAL	1	SW3005	410-25906-1	7440-09-7	Potassium	2.8	2.8	mg/l

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well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106S5-446	GWS5-446-211	T	INITIAL	1	SW3005	410-25906-1	7440-23-5	Sodium	27	27	mg/l
KAFB-106S5-446	GWS5-446-211	T	INITIAL	1	SW3005	410-25906-1	7440-70-2	Calcium	65	65	mg/l
KAFB-106S5-446	GWS5-446-211	D	INITIAL	1	METHOD	410-25906-1	7439-96-5	Manganese	1.8	1.8	mg/l
KAFB-106S5-446	GWS5-446-211	T	INITIAL	1	SW3005	410-25906-1	7439-92-1	Lead	0.00037	0.00037	mg/l
KAFB-106S5-446	GWS5-446-211	T	INITIAL	1	SW3005	410-25906-1	7440-38-2	Arsenic	0.0026	0.0026	mg/l
KAFB-106S5-446	GWS5-446-211	N	INITIAL	50	METHOD	410-25906-1	106-93-4	1,2-Dibromoethane	11	11	ug/l
KAFB-106S5-446	GWS5-446-211	N	INITIAL	50	NONE	410-25906-1	100-41-4	Ethylbenzene	1700	1700	ug/l
KAFB-106S5-446	GWS5-446-211	N	INITIAL	50	NONE	410-25906-1	108-88-3	Toluene	10000	10000	ug/l
KAFB-106S5-446	GWS5-446-211	N	INITIAL	50	NONE	410-25906-1	1330-20-7	Xylenes, total	4000	4000	ug/l
KAFB-106S5-446	GWS5-446-211	N	INITIAL	50	NONE	410-25906-1	71-43-2	Benzene	2100	2100	ug/l
KAFB-106S7-451	GWS7-451-211	N	INITIAL	5	NONE	410-25906-1	14808-79-8	Sulfate	2.6	2.6	mg/l
KAFB-106S7-451	GWS7-451-211	N	INITIAL	5	NONE	410-25906-1	24959-67-9	Bromide	1.8	1.8	mg/l
KAFB-106S7-451	GWS7-451-211	N	INITIAL	50	NONE	410-25906-1	16887-00-6	Chloride	47	47	mg/l
KAFB-106S7-451	GWS7-451-211	N	INITIAL	1	NONE	410-25906-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09	mg/l
KAFB-106S7-451	GWS7-451-211	N	INITIAL	1	NONE	410-25906-1	ALK	Alkalinity, total (as CaCO3)	320	320	mg/l
KAFB-106S7-451	GWS7-451-211	N	INITIAL	1	NONE	410-25906-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	320	320	mg/l
KAFB-106S7-451	GWS7-451-211	N	INITIAL	1	NONE	410-25906-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106S7-451	GWS7-451-211	D	INITIAL	1	METHOD	410-25906-1	7439-89-6	Iron	< 0.10	0.1	mg/l
KAFB-106S7-451	GWS7-451-211	T	INITIAL	1	SW3005	410-25906-1	7439-95-4	Magnesium	17	17	mg/l
KAFB-106S7-451	GWS7-451-211	T	INITIAL	1	SW3005	410-25906-1	7440-09-7	Potassium	3.5	3.5	mg/l
KAFB-106S7-451	GWS7-451-211	T	INITIAL	1	SW3005	410-25906-1	7440-23-5	Sodium	38	38	mg/l
KAFB-106S7-451	GWS7-451-211	T	INITIAL	1	SW3005	410-25906-1	7440-70-2	Calcium	110	110	mg/l
KAFB-106S7-451	GWS7-451-211	D	INITIAL	1	METHOD	410-25906-1	7439-96-5	Manganese	2.4	2.4	mg/l
KAFB-106S7-451	GWS7-451-211	T	INITIAL	1	SW3005	410-25906-1	7439-92-1	Lead	0.00016	0.00016	mg/l
KAFB-106S7-451	GWS7-451-211	T	INITIAL	1	SW3005	410-25906-1	7440-38-2	Arsenic	0.0064	0.0064	mg/l
KAFB-106S7-451	GWS7-451-211	N	INITIAL	50	METHOD	410-25906-1	106-93-4	1,2-Dibromoethane	10	10	ug/l
KAFB-106S7-451	GWS7-451-211	N	INITIAL	1	NONE	410-25906-1	71-43-2	Benzene	190	190	ug/l
KAFB-106S7-451	GWS7-451-211	N	REANALYSIS	10	NONE	410-25906-1	100-41-4	Ethylbenzene	450	450	ug/l
KAFB-106S7-451	GWS7-451-211	N	REANALYSIS	10	NONE	410-25906-1	108-88-3	Toluene	350	350	ug/l
KAFB-106S7-451	GWS7-451-211	N	REANALYSIS	10	NONE	410-25906-1	1330-20-7	Xylenes, total	1500	1500	ug/l
KAFB-106S8-451	GWS8-451-211	N	INITIAL	5	NONE	410-25765-1	14808-79-8	Sulfate	< 4.5	4.5	mg/l
KAFB-106S8-451	GWS8-451-211	N	INITIAL	5	NONE	410-25765-1	16887-00-6	Chloride	9.2	9.2	mg/l
KAFB-106S8-451	GWS8-451-211	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	2.1	2.1	mg/l
KAFB-106S8-451	GWS8-451-211	N	INITIAL	1	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09	mg/l
KAFB-106S8-451	GWS8-451-211	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	440	440	mg/l
KAFB-106S8-451	GWS8-451-211	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	440	440	mg/l
KAFB-106S8-451	GWS8-451-211	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106S8-451	GWS8-451-211	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	3.2	3.2	mg/l
KAFB-106S8-451	GWS8-451-211	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	27	27	mg/l
KAFB-106S8-451	GWS8-451-211	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	41	41	mg/l
KAFB-106S8-451	GWS8-451-211	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	180	180	mg/l
KAFB-106S8-451	GWS8-451-211	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	4	4	mg/l
KAFB-106S8-451	GWS8-451-211	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	6	6	mg/l
KAFB-106S8-451	GWS8-451-211	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	0.000072	0.000072	mg/l
KAFB-106S8-451	GWS8-451-211	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.0044	0.0044	mg/l
KAFB-106S8-451	GWS8-451-211	N	INITIAL	5000	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	350	350	ug/l
KAFB-106S8-451	GWS8-451-211	N	INITIAL	10	NONE	410-25765-1	100-41-4	Ethylbenzene	100	100	ug/l
KAFB-106S8-451	GWS8-451-211	N	INITIAL	10	NONE	410-25765-1	108-88-3	Toluene	1100	1100	ug/l
KAFB-106S8-451	GWS8-451-211	N	INITIAL	10	NONE	410-25765-1	1330-20-7	Xylenes, total	1600	1600	ug/l
KAFB-106S8-451	GWS8-451-211	N	REANALYSIS	100	NONE	410-25765-1	71-43-2	Benzene	4800	4800	ug/l
KAFB-106S9-447	GWS9-447-211	N	INITIAL	5	NONE	410-25906-1	24959-67-9	Bromide	< 2.5	2.5	mg/l
KAFB-106S9-447	GWS9-447-211	N	INITIAL	50	NONE	410-25906-1	14808-79-8	Sulfate	120	120	mg/l
KAFB-106S9-447	GWS9-447-211	N	INITIAL	50	NONE	410-25906-1	16887-00-6	Chloride	63	63	mg/l
KAFB-106S9-447	GWS9-447-211	N	INITIAL	1	NONE	410-25906-1	NNN	Nitrogen as nitrate + nitrite	0.17	0.17	mg/l
KAFB-106S9-447	GWS9-447-211	N	INITIAL	1	NONE	410-25906-1	ALK	Alkalinity, total (as CaCO3)	450	450	mg/l

Table D-1-1
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well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106S9-447	GWS9-447-211	N	INITIAL	1	NONE	410-25906-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	450	450	mg/l
KAFB-106S9-447	GWS9-447-211	N	INITIAL	1	NONE	410-25906-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106S9-447	GWS9-447-211	D	INITIAL	1	METHOD	410-25906-1	7439-89-6	Iron	< 0.21	0.21	mg/l
KAFB-106S9-447	GWS9-447-211	T	INITIAL	1	SW3005	410-25906-1	7439-95-4	Magnesium	30	30	mg/l
KAFB-106S9-447	GWS9-447-211	T	INITIAL	1	SW3005	410-25906-1	7440-09-7	Potassium	5	5	mg/l
KAFB-106S9-447	GWS9-447-211	T	INITIAL	1	SW3005	410-25906-1	7440-23-5	Sodium	43	43	mg/l
KAFB-106S9-447	GWS9-447-211	T	INITIAL	1	SW3005	410-25906-1	7440-70-2	Calcium	180	180	mg/l
KAFB-106S9-447	GWS9-447-211	D	INITIAL	1	METHOD	410-25906-1	7439-96-5	Manganese	2.8	2.8	mg/l
KAFB-106S9-447	GWS9-447-211	T	INITIAL	1	SW3005	410-25906-1	7439-92-1	Lead	0.00097	0.00097	mg/l
KAFB-106S9-447	GWS9-447-211	T	INITIAL	1	SW3005	410-25906-1	7440-38-2	Arsenic	0.0023	0.0023	mg/l
KAFB-106S9-447	GWS9-447-211	N	INITIAL	20	METHOD	410-25906-1	106-93-4	1,2-Dibromoethane	3.1	3.1	ug/l
KAFB-106S9-447	GWS9-447-211	N	INITIAL	5	NONE	410-25906-1	100-41-4	Ethylbenzene	500	500	ug/l
KAFB-106S9-447	GWS9-447-211	N	INITIAL	5	NONE	410-25906-1	108-88-3	Toluene	350	350	ug/l
KAFB-106S9-447	GWS9-447-211	N	INITIAL	5	NONE	410-25906-1	1330-20-7	Xylenes, total	920	920	ug/l
KAFB-106S9-447	GWS9-447-211	N	REANALYSIS	50	NONE	410-25906-1	71-43-2	Benzene	3600	3600	ug/l
KAFB-106003	GW003-211	N	INITIAL	1	METHOD	410-26637-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106003	GW003-211	N	INITIAL	1	NONE	410-26637-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106003	GW003-211	N	INITIAL	1	NONE	410-26637-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106003	GW003-211	N	INITIAL	1	NONE	410-26637-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106003	GW003-211	N	INITIAL	1	NONE	410-26637-1	71-43-2	Benzene	< 0.50	0.5	ug/l
KAFB-106004	GW004-211	N	INITIAL	1	METHOD	410-26381-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l
KAFB-106004	GW004-211	N	INITIAL	1	NONE	410-26381-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l
KAFB-106004	GW004-211	N	INITIAL	1	NONE	410-26381-1	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106004	GW004-211	N	INITIAL	1	NONE	410-26381-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l
KAFB-106004	GW004-211	N	INITIAL	1	NONE	410-26381-1	71-43-2	Benzene	< 0.50	0.5	ug/l
KAFB-106005	GW005-211	N	INITIAL	5	NONE	410-26694-1	14808-79-8	Sulfate	9.8	9.8	mg/l
KAFB-106005	GW005-211	N	INITIAL	5	NONE	410-26694-1	24959-67-9	Bromide	4.1	4.1	mg/l
KAFB-106005	GW005-211	N	INITIAL	50	NONE	410-26694-1	16887-00-6	Chloride	180	180	mg/l
KAFB-106005	GW005-211	N	INITIAL	1	NONE	410-26694-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09	mg/l
KAFB-106005	GW005-211	N	INITIAL	1	NONE	410-26694-1	ALK	Alkalinity, total (as CaCO3)	370	370	mg/l
KAFB-106005	GW005-211	N	INITIAL	1	NONE	410-26694-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	370	370	mg/l
KAFB-106005	GW005-211	N	INITIAL	1	NONE	410-26694-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6	mg/l
KAFB-106063	106063-LTM-01112	N	INITIAL	1		HS21010391	ALK	Alkalinity, total (as CaCO3)	392	392	mg/l
KAFB-106063	106063-LTM-01112	T	INITIAL	1	SW3010A	HS21010391	7439-92-1	Lead	< 0.00100	0.001	mg/l
KAFB-106063	106063-LTM-01112	D	INITIAL	1	SW3010A	HS21010391	7439-89-6	Iron	3.55	3.55	mg/l
KAFB-106063	106063-LTM-01112	D	DILUTION1	50	SW3010A	HS21010391	7439-96-5	Manganese	4.12	4.12	mg/l
KAFB-106063	106063-LTM-01112	N	INITIAL	1	METHOD	HS21010391	106-93-4	1,2-Dibromoethane	< 0.011	0.011	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	100-41-4	Ethylbenzene	520	520	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	103-65-1	n-Propylbenzene	38	38	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	104-51-8	n-Butylbenzene	< 10	10	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	106-93-4	1,2-Dibromoethane	< 5.0	5	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	107-06-2	1,2-Dichloroethane	< 5.0	5	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	108-10-1	4-Methyl-2-pentanone	17	17	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	108-67-8	1,3,5-Trimethylbenzene	36	36	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	108-88-3	Toluene	8.6	8.6	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	120-82-1	1,2,4-Trichlorobenzene	< 10	10	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	127-18-4	Tetrachloroethene	< 10	10	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	1330-20-7	Xylenes, total	1400	1400	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	135-98-8	sec-Butylbenzene	8	8	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	156-59-2	cis-1,2-Dichloroethene	< 5.0	5	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	156-60-5	trans-1,2-Dichloroethene	< 5.0	5	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	1634-04-4	Methyl tert-butyl ether	< 5.0	5	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	179601-23-1	m- & p-Xylenes	910	910	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	591-78-6	2-Hexanone	< 20	20	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	67-64-1	Acetone	< 20	20	ug/l

Table D-1-1
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well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	71-43-2	Benzene	1700	1700	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	74-87-3	Chloromethane	< 5.0	5	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	75-01-4	Vinyl chloride	< 5.0	5	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	75-09-2	Methylene chloride	< 20	20	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	75-15-0	Carbon disulfide	< 20	20	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	75-69-4	Trichlorofluoromethane	< 10	10	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	75-71-8	Dichlorodifluoromethane	< 10	10	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	78-93-3	2-Butanone	< 10	10	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	79-00-5	1,1,2-Trichloroethane	< 10	10	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	79-01-6	Trichloroethene	< 5.0	5	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	91-20-3	Naphthalene	43	43	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	95-47-6	o-Xylene	520	520	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	95-49-8	2-Chlorotoluene	< 10	10	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	98-06-6	tert-Butylbenzene	< 10	10	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	98-82-8	Isopropylbenzene	99	99	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	10		HS21010391	99-87-6	4-Isopropyltoluene	< 10	10	ug/l
KAFB-106063	106063-LTM-01112	N	INITIAL	1		HS21010391	14808-79-8	Sulfate	4.93	4.93	mg/l
KAFB-106063	106063-LTM-01112	N	INITIAL	1		HS21010391	16887-00-6	Chloride	52	52	mg/l
KAFB-106063	106063-LTM-01112	N	INITIAL	1		HS21010391	24959-67-9	Bromide	0.836	0.836	mg/l
KAFB-106063	106063-LTM-01112	N	INITIAL	1		HS21010391	NNN	Nitrogen as nitrate + nitrite	< 0.100	0.1	mg/l
KAFB-106064	106064-LTM-01112	N	INITIAL	1		HS21010391	ALK	Alkalinity, total (as CaCO3)	632	632	mg/l
KAFB-106064	106064-LTM-01112	T	INITIAL	1	SW3010A	HS21010391	7439-92-1	Lead	< 0.00100	0.001	mg/l
KAFB-106064	106064-LTM-01112	D	INITIAL	1	SW3010A	HS21010391	7439-89-6	Iron	5.93	5.93	mg/l
KAFB-106064	106064-LTM-01112	D	DILUTION1	100	SW3010A	HS21010391	7439-96-5	Manganese	7.35	7.35	mg/l
KAFB-106064	106064-LTM-01112	N	INITIAL	1	METHOD	HS21010391	106-93-4	1,2-Dibromoethane	< 0.010	0.01	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	100-41-4	Ethylbenzene	1600	1600	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	103-65-1	n-Propylbenzene	120	120	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	104-51-8	n-Butylbenzene	19	19	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	106-93-4	1,2-Dibromoethane	< 5.0	5	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	107-06-2	1,2-Dichloroethane	< 5.0	5	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	108-10-1	4-Methyl-2-pentanone	< 20	20	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	108-67-8	1,3,5-Trimethylbenzene	130	130	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	108-88-3	Toluene	49	49	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	120-82-1	1,2,4-Trichlorobenzene	< 10	10	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	127-18-4	Tetrachloroethene	< 10	10	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	1330-20-7	Xylenes, total	4600	4600	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	135-98-8	sec-Butylbenzene	21	21	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	156-59-2	cis-1,2-Dichloroethene	< 5.0	5	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	156-60-5	trans-1,2-Dichloroethene	< 5.0	5	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	1634-04-4	Methyl tert-butyl ether	< 5.0	5	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	179601-23-1	m- & p-Xylenes	3200	3200	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	591-78-6	2-Hexanone	< 20	20	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	67-64-1	Acetone	< 20	20	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	74-87-3	Chloromethane	< 5.0	5	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	75-01-4	Vinyl chloride	< 5.0	5	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	75-09-2	Methylene chloride	< 20	20	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	75-15-0	Carbon disulfide	< 20	20	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	75-69-4	Trichlorofluoromethane	< 10	10	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	75-71-8	Dichlorodifluoromethane	< 10	10	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	78-93-3	2-Butanone	< 10	10	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	79-00-5	1,1,2-Trichloroethane	< 10	10	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	79-01-6	Trichloroethene	< 5.0	5	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	91-20-3	Naphthalene	110	110	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	95-47-6	o-Xylene	1400	1400	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	95-49-8	2-Chlorotoluene	< 10	10	ug/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	98-06-6	tert-Butylbenzene	< 10	10	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	98-82-8	Isopropylbenzene	160	160	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	99-87-6	4-Isopropyltoluene	41	41	ug/l
KAFB-106064	106064-LTM-01112	N	DILUTION1	100		HS21010391	71-43-2	Benzene	3000	3000	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	1		HS21010391	14808-79-8	Sulfate	0.216	0.216	mg/l
KAFB-106064	106064-LTM-01112	N	INITIAL	1		HS21010391	16887-00-6	Chloride	48.8	48.8	mg/l
KAFB-106064	106064-LTM-01112	N	INITIAL	1		HS21010391	24959-67-9	Bromide	0.937	0.937	mg/l
KAFB-106064	106064-LTM-01112	N	INITIAL	1		HS21010391	NNN	Nitrogen as nitrate + nitrite	< 0.100	0.1	mg/l
KAFB-106064	106064-LTM-01112	N	INITIAL	1		HS21010391	ALK	Alkalinity, total (as CaCO3)	630	630	mg/l
KAFB-106064	106064-LTM-01112	T	INITIAL	1	SW3010A	HS21010391	7439-92-1	Lead	< 0.00100	0.001	mg/l
KAFB-106064	106064-LTM-01112	D	INITIAL	1	SW3010A	HS21010391	7439-89-6	Iron	6.12	6.12	mg/l
KAFB-106064	106064-LTM-01112	D	DILUTION1	100	SW3010A	HS21010391	7439-96-5	Manganese	7.93	7.93	mg/l
KAFB-106064	106064-LTM-01112	N	INITIAL	1	METHOD	HS21010391	106-93-4	1,2-Dibromoethane	< 0.010	0.01	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	100-41-4	Ethylbenzene	1500	1500	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	103-65-1	n-Propylbenzene	110	110	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	104-51-8	n-Butylbenzene	18	18	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	106-93-4	1,2-Dibromoethane	< 5.0	5	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	107-06-2	1,2-Dichloroethane	< 5.0	5	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	108-10-1	4-Methyl-2-pentanone	< 20	20	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	108-67-8	1,3,5-Trimethylbenzene	120	120	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	108-88-3	Toluene	46	46	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	120-82-1	1,2,4-Trichlorobenzene	< 10	10	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	127-18-4	Tetrachloroethene	< 10	10	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	1330-20-7	Xylenes, total	4400	4400	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	135-98-8	sec-Butylbenzene	18	18	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	156-59-2	cis-1,2-Dichloroethene	< 5.0	5	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	156-60-5	trans-1,2-Dichloroethene	< 5.0	5	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	1634-04-4	Methyl tert-butyl ether	< 5.0	5	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	179601-23-1	m- & p-Xylenes	3100	3100	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	591-78-6	2-Hexanone	< 20	20	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	67-64-1	Acetone	< 20	20	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	74-87-3	Chloromethane	< 5.0	5	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	75-01-4	Vinyl chloride	< 5.0	5	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	75-09-2	Methylene chloride	< 20	20	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	75-15-0	Carbon disulfide	< 20	20	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	75-69-4	Trichlorofluoromethane	< 10	10	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	75-71-8	Dichlorodifluoromethane	< 10	10	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	78-93-3	2-Butanone	< 10	10	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	79-00-5	1,1,2-Trichloroethane	< 10	10	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	79-01-6	Trichloroethene	< 5.0	5	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	91-20-3	Naphthalene	110	110	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	95-47-6	o-Xylene	1300	1300	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	95-49-8	2-Chlorotoluene	< 10	10	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	98-06-6	tert-Butylbenzene	< 10	10	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	98-82-8	Isopropylbenzene	150	150	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	10		HS21010391	99-87-6	4-Isopropyltoluene	39	39	ug/l
KAFB-106064	106064-LTM-01112	N	DILUTION1	100		HS21010391	71-43-2	Benzene	3000	3000	ug/l
KAFB-106064	106064-LTM-01112	N	INITIAL	1		HS21010391	NNN	Nitrogen as nitrate + nitrite	< 0.100	0.1	mg/l
KAFB-106064	106064-LTM-01112	N	REANALYSIS	1		HS21010391	14808-79-8	Sulfate	0.232	0.232	mg/l
KAFB-106064	106064-LTM-01112	N	REANALYSIS	1		HS21010391	16887-00-6	Chloride	47.4	47.4	mg/l
KAFB-106064	106064-LTM-01112	N	REANALYSIS	1		HS21010391	24959-67-9	Bromide	0.881	0.881	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	1634-04-4	Methyl tert-butyl ether	< 5.0	5	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	179601-23-1	m- & p-Xylenes	3300	3300	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	591-78-6	2-Hexanone	< 20	20	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	67-64-1	Acetone	< 20	20	ug/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	74-87-3	Chloromethane	< 5.0	5	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	75-01-4	Vinyl chloride	< 5.0	5	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	75-09-2	Methylene chloride	< 20	20	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	75-15-0	Carbon disulfide	< 20	20	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	75-69-4	Trichlorofluoromethane	< 10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	75-71-8	Dichlorodifluoromethane	< 10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	78-93-3	2-Butanone	< 10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	79-00-5	1,1,2-Trichloroethane	< 10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	79-01-6	Trichloroethene	< 5.0	5	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	91-20-3	Naphthalene	120	120	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	95-47-6	o-Xylene	1400	1400	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	95-49-8	2-Chlorotoluene	< 10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	98-06-6	tert-Butylbenzene	< 10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	98-82-8	Isopropylbenzene	98	98	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	99-87-6	4-Isopropyltoluene	< 10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	DILUTION1	100		HS21010463	108-88-3	Toluene	8300	8300	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	DILUTION1	100		HS21010463	71-43-2	Benzene	4800	4800	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	1		HS21010463	14808-79-8	Sulfate	0.368	0.368	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	1		HS21010463	16887-00-6	Chloride	85.5	85.5	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	1		HS21010463	24959-67-9	Bromide	1.58	1.58	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	1		HS21010463	NNN	Nitrogen as nitrate + nitrite	< 0.100	0.1	mg/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	ALK	Alkalinity, total (as CaCO3)	324	324	mg/l
KAFB-106MW2-I	106MW-2I-LTM-011	T	INITIAL	1	SW3010A	HS21010391	7439-92-1	Lead	0.00124	0.00124	mg/l
KAFB-106MW2-I	106MW-2I-LTM-011	D	INITIAL	1	SW3010A	HS21010391	7439-89-6	Iron	3.69	3.69	mg/l
KAFB-106MW2-I	106MW-2I-LTM-011	D	DILUTION1	50	SW3010A	HS21010391	7439-96-5	Manganese	3.83	3.83	mg/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1	METHOD	HS21010391	106-93-4	1,2-Dibromoethane	< 0.011	0.011	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	100-41-4	Ethylbenzene	< 1.0	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	103-65-1	n-Propylbenzene	< 1.0	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	104-51-8	n-Butylbenzene	< 1.0	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	106-93-4	1,2-Dibromoethane	< 0.50	0.5	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	107-06-2	1,2-Dichloroethane	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	108-10-1	4-Methyl-2-pentanone	< 2.0	2	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	127-18-4	Tetrachloroethene	< 1.0	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	1330-20-7	Xylenes, total	< 1.0	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	135-98-8	sec-Butylbenzene	2.4	2.4	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	156-59-2	cis-1,2-Dichloroethene	< 0.50	0.5	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	156-60-5	trans-1,2-Dichloroethene	< 0.50	0.5	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	179601-23-1	m- & p-Xylenes	< 1.0	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	591-78-6	2-Hexanone	< 2.0	2	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	67-64-1	Acetone	< 2.0	2	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	71-43-2	Benzene	< 0.50	0.5	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	74-87-3	Chloromethane	< 0.50	0.5	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	75-01-4	Vinyl chloride	< 0.50	0.5	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	75-09-2	Methylene chloride	< 2.0	2	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	75-15-0	Carbon disulfide	< 2.0	2	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	75-69-4	Trichlorofluoromethane	< 1.0	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	75-71-8	Dichlorodifluoromethane	< 1.0	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	78-93-3	2-Butanone	< 1.0	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	79-00-5	1,1,2-Trichloroethane	< 1.0	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	79-01-6	Trichloroethene	< 0.50	0.5	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	91-20-3	Naphthalene	< 1.0	1	ug/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	95-47-6	o-Xylene	< 1.0	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	95-49-8	2-Chlorotoluene	< 1.0	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	98-06-6	tert-Butylbenzene	< 1.0	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	98-82-8	Isopropylbenzene	2.4	2.4	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	99-87-6	4-Isopropyltoluene	< 1.0	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	14808-79-8	Sulfate	55.4	55.4	mg/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	24959-67-9	Bromide	1.9	1.9	mg/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	INITIAL	1		HS21010391	NNN	Nitrogen as nitrate + nitrite	< 0.100	0.1	mg/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	DILUTION1	10		HS21010391	16887-00-6	Chloride	117	117	mg/l
KAFB-106MW2-S	106MW2S-LTM-011	N	INITIAL	1		HS21010577	ALK	Alkalinity, total (as CaCO3)	500	500	mg/l
KAFB-106MW2-S	106MW2S-LTM-011	T	INITIAL	1	SW3010A	HS21010577	7439-92-1	Lead	< 0.00100	0.001	mg/l
KAFB-106MW2-S	106MW2S-LTM-011	D	INITIAL	1	SW3010A	HS21010577	7439-89-6	Iron	10.8	10.8	mg/l
KAFB-106MW2-S	106MW2S-LTM-011	D	DILUTION1	100	SW3010A	HS21010577	7439-96-5	Manganese	8.49	8.49	mg/l
KAFB-106MW2-S	106MW2S-LTM-011	N	INITIAL	1	METHOD	HS21010577	106-93-4	1,2-Dibromoethane	0.043	0.043	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	INITIAL	50		HS21010577	71-43-2	Benzene	2300	2300	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	100-41-4	Ethylbenzene	620	620	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	103-65-1	n-Propylbenzene	59	59	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	104-51-8	n-Butylbenzene	9.8	9.8	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	106-93-4	1,2-Dibromoethane	< 2.5	2.5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	107-06-2	1,2-Dichloroethane	< 2.5	2.5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	108-10-1	4-Methyl-2-pentanone	< 10	10	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	108-67-8	1,3,5-Trimethylbenzene	54	54	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	108-88-3	Toluene	7.5	7.5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	120-82-1	1,2,4-Trichlorobenzene	< 5.0	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	127-18-4	Tetrachloroethene	< 5.0	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	1330-20-7	Xylenes, total	1800	1800	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	135-98-8	sec-Butylbenzene	12	12	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	156-59-2	cis-1,2-Dichloroethene	< 2.5	2.5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	156-60-5	trans-1,2-Dichloroethene	< 2.5	2.5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	1634-04-4	Methyl tert-butyl ether	< 2.5	2.5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	179601-23-1	m- & p-Xylenes	1100	1100	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	591-78-6	2-Hexanone	< 10	10	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	67-64-1	Acetone	< 10	10	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	74-87-3	Chloromethane	< 2.5	2.5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	75-01-4	Vinyl chloride	< 2.5	2.5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	75-09-2	Methylene chloride	< 10	10	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	75-15-0	Carbon disulfide	< 10	10	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	75-69-4	Trichlorofluoromethane	< 5.0	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	75-71-8	Dichlorodifluoromethane	< 5.0	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	78-93-3	2-Butanone	< 5.0	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	79-00-5	1,1,2-Trichloroethane	< 5.0	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	79-01-6	Trichloroethene	< 2.5	2.5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	91-20-3	Naphthalene	77	77	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	95-47-6	o-Xylene	660	660	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	95-49-8	2-Chlorotoluene	< 5.0	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	98-06-6	tert-Butylbenzene	< 5.0	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	98-82-8	Isopropylbenzene	100	100	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	DILUTION1	5		HS21010577	99-87-6	4-Isopropyltoluene	60	60	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	INITIAL	1		HS21010577	14808-79-8	Sulfate	0.693	0.693	mg/l
KAFB-106MW2-S	106MW2S-LTM-011	N	INITIAL	1		HS21010577	16887-00-6	Chloride	66.8	66.8	mg/l
KAFB-106MW2-S	106MW2S-LTM-011	N	INITIAL	1		HS21010577	24959-67-9	Bromide	1.66	1.66	mg/l
KAFB-106MW2-S	106MW2S-LTM-011	N	INITIAL	1		HS21010577	NNN	Nitrogen as nitrate + nitrite	< 0.100	0.1	mg/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	1		HS21010463	ALK	Alkalinity, total (as CaCO3)	575	575	mg/l
KAFB-106EX1	106EX1-LTM-01122	T	INITIAL	1	SW3010A	HS21010463	7439-92-1	Lead	< 0.00100	0.001	mg/l
KAFB-106EX1	106EX1-LTM-01122	D	INITIAL	1	SW3010A	HS21010463	7439-89-6	Iron	8.79	8.79	mg/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106EX1	106EX1-LTM-01122	D	DILUTION1	50	SW3010A	HS21010463	7439-96-5	Manganese	5.38	5.38	mg/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	1	METHOD	HS21010463	106-93-4	1,2-Dibromoethane	< 0.010	0.01	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	100-41-4	Ethylbenzene	570	570	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	103-65-1	n-Propylbenzene	37	37	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	104-51-8	n-Butylbenzene	< 5.0	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	106-93-4	1,2-Dibromoethane	< 2.5	2.5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	107-06-2	1,2-Dichloroethane	< 2.5	2.5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	108-10-1	4-Methyl-2-pentanone	< 10	10	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	108-67-8	1,3,5-Trimethylbenzene	61	61	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	108-88-3	Toluene	11	11	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	120-82-1	1,2,4-Trichlorobenzene	< 5.0	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	127-18-4	Tetrachloroethene	< 5.0	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	1330-20-7	Xylenes, total	1800	1800	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	135-98-8	sec-Butylbenzene	6.4	6.4	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	156-59-2	cis-1,2-Dichloroethene	< 2.5	2.5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	156-60-5	trans-1,2-Dichloroethene	< 2.5	2.5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	1634-04-4	Methyl tert-butyl ether	< 2.5	2.5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	179601-23-1	m- & p-Xylenes	1100	1100	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	591-78-6	2-Hexanone	< 10	10	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	67-64-1	Acetone	< 10	10	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	74-87-3	Chloromethane	< 2.5	2.5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	75-01-4	Vinyl chloride	< 2.5	2.5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	75-09-2	Methylene chloride	< 10	10	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	75-15-0	Carbon disulfide	< 10	10	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	75-69-4	Trichlorofluoromethane	< 5.0	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	75-71-8	Dichlorodifluoromethane	< 5.0	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	78-93-3	2-Butanone	< 5.0	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	79-00-5	1,1,2-Trichloroethane	< 5.0	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	79-01-6	Trichloroethene	< 2.5	2.5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	91-20-3	Naphthalene	67	67	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	95-47-6	o-Xylene	620	620	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	95-49-8	2-Chlorotoluene	< 5.0	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	98-06-6	tert-Butylbenzene	< 5.0	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	98-82-8	Isopropylbenzene	120	120	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	5		HS21010463	99-87-6	4-Isopropyltoluene	56	56	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	DILUTION1	25		HS21010463	71-43-2	Benzene	2600	2600	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	1		HS21010463	14808-79-8	Sulfate	0.214	0.214	mg/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	1		HS21010463	16887-00-6	Chloride	49	49	mg/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	1		HS21010463	24959-67-9	Bromide	0.968	0.968	mg/l
KAFB-106EX1	106EX1-LTM-01122	N	INITIAL	1		HS21010463	NNN	Nitrogen as nitrate + nitrite	< 0.100	0.1	mg/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	1		HS21010391	ALK	Alkalinity, total (as CaCO3)	428	428	mg/l
KAFB-106EX2	106EX2-LTM-01112	T	INITIAL	1	SW3010A	HS21010391	7439-92-1	Lead	< 0.00100	0.001	mg/l
KAFB-106EX2	106EX2-LTM-01112	D	INITIAL	1	SW3010A	HS21010391	7439-89-6	Iron	7.11	7.11	mg/l
KAFB-106EX2	106EX2-LTM-01112	D	DILUTION1	50	SW3010A	HS21010391	7439-96-5	Manganese	5.81	5.81	mg/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	1	METHOD	HS21010391	106-93-4	1,2-Dibromoethane	0.0056	0.0056	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	100-41-4	Ethylbenzene	1100	1100	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	103-65-1	n-Propylbenzene	100	100	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	104-51-8	n-Butylbenzene	12	12	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	106-93-4	1,2-Dibromoethane	< 5.0	5	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	107-06-2	1,2-Dichloroethane	< 5.0	5	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	108-10-1	4-Methyl-2-pentanone	< 20	20	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	108-67-8	1,3,5-Trimethylbenzene	120	120	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	120-82-1	1,2,4-Trichlorobenzene	< 10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	127-18-4	Tetrachloroethene	< 10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	1330-20-7	Xylenes, total	3800	3800	ug/l

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well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	135-98-8	sec-Butylbenzene	14	14	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	156-59-2	cis-1,2-Dichloroethene	< 5.0	5	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	156-60-5	trans-1,2-Dichloroethene	< 5.0	5	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	1634-04-4	Methyl tert-butyl ether	< 5.0	5	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	179601-23-1	m- & p-Xylenes	2700	2700	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	591-78-6	2-Hexanone	< 20	20	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	67-64-1	Acetone	< 20	20	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	74-87-3	Chloromethane	< 5.0	5	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	75-01-4	Vinyl chloride	< 5.0	5	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	75-09-2	Methylene chloride	< 20	20	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	75-15-0	Carbon disulfide	< 20	20	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	75-69-4	Trichlorofluoromethane	< 10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	75-71-8	Dichlorodifluoromethane	< 10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	78-93-3	2-Butanone	< 10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	79-00-5	1,1,2-Trichloroethane	< 10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	79-01-6	Trichloroethene	< 5.0	5	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	91-20-3	Naphthalene	110	110	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	95-47-6	o-Xylene	1100	1100	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	95-49-8	2-Chlorotoluene	< 10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	98-06-6	tert-Butylbenzene	< 10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	98-82-8	Isopropylbenzene	92	92	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	10		HS21010391	99-87-6	4-Isopropyltoluene	< 10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	DILUTION1	100		HS21010391	108-88-3	Toluene	4200	4200	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	DILUTION1	100		HS21010391	71-43-2	Benzene	5400	5400	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	1		HS21010391	14808-79-8	Sulfate	0.264	0.264	mg/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	1		HS21010391	24959-67-9	Bromide	2.46	2.46	mg/l
KAFB-106EX2	106EX2-LTM-01112	N	INITIAL	1		HS21010391	NNN	Nitrogen as nitrate + nitrite	< 0.100	0.1	mg/l
KAFB-106EX2	106EX2-LTM-01112	N	DILUTION1	10		HS21010391	16887-00-6	Chloride	164	164	mg/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	1		HS21010463	ALK	Alkalinity, total (as CaCO3)	2100	2100	mg/l
KAFB-106IN1	106IN1-LTM-01122	T	INITIAL	1	SW3010A	HS21010463	7439-92-1	Lead	0.0057	0.0057	mg/l
KAFB-106IN1	106IN1-LTM-01122	D	INITIAL	1	SW3010A	HS21010463	7439-89-6	Iron	0.794	0.794	mg/l
KAFB-106IN1	106IN1-LTM-01122	D	DILUTION1	50	SW3010A	HS21010463	7439-96-5	Manganese	5.09	5.09	mg/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	1	METHOD	HS21010463	106-93-4	1,2-Dibromoethane	< 0.010	0.01	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	100-41-4	Ethylbenzene	310	310	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	103-65-1	n-Propylbenzene	48	48	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	104-51-8	n-Butylbenzene	6.7	6.7	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	106-93-4	1,2-Dibromoethane	< 2.5	2.5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	107-06-2	1,2-Dichloroethane	< 2.5	2.5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	108-10-1	4-Methyl-2-pentanone	< 10	10	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	108-67-8	1,3,5-Trimethylbenzene	39	39	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	108-88-3	Toluene	3.9	3.9	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	120-82-1	1,2,4-Trichlorobenzene	< 5.0	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	127-18-4	Tetrachloroethene	< 5.0	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	1330-20-7	Xylenes, total	750	750	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	135-98-8	sec-Butylbenzene	7.9	7.9	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	156-59-2	cis-1,2-Dichloroethene	< 2.5	2.5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	156-60-5	trans-1,2-Dichloroethene	< 2.5	2.5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	1634-04-4	Methyl tert-butyl ether	< 2.5	2.5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	179601-23-1	m- & p-Xylenes	500	500	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	591-78-6	2-Hexanone	< 10	10	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	67-64-1	Acetone	< 10	10	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	71-43-2	Benzene	850	850	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	74-87-3	Chloromethane	< 2.5	2.5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	75-01-4	Vinyl chloride	< 2.5	2.5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	75-09-2	Methylene chloride	< 10	10	ug/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	75-15-0	Carbon disulfide	< 10	10	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	75-69-4	Trichlorofluoromethane	< 5.0	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	75-71-8	Dichlorodifluoromethane	< 5.0	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	78-93-3	2-Butanone	< 5.0	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	79-00-5	1,1,2-Trichloroethane	< 5.0	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	79-01-6	Trichloroethene	< 2.5	2.5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	91-20-3	Naphthalene	47	47	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	95-47-6	o-Xylene	260	260	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	95-49-8	2-Chlorotoluene	< 5.0	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	98-06-6	tert-Butylbenzene	< 5.0	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	98-82-8	Isopropylbenzene	75	75	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	5		HS21010463	99-87-6	4-Isopropyltoluene	41	41	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	1		HS21010463	14808-79-8	Sulfate	0.917	0.917	mg/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	1		HS21010463	16887-00-6	Chloride	66.7	66.7	mg/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	1		HS21010463	24959-67-9	Bromide	1.1	1.1	mg/l
KAFB-106IN1	106IN1-LTM-01122	N	INITIAL	1		HS21010463	NNN	Nitrogen as nitrate + nitrite	< 0.100	0.1	mg/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	ALK	Alkalinity, total (as CaCO3)	339	339	mg/l
KAFB-106MW1-I	106MW1I-LTM-0112	T	INITIAL	1	SW3010A	HS21010463	7439-92-1	Lead	< 0.00100	0.001	mg/l
KAFB-106MW1-I	106MW1I-LTM-0112	D	INITIAL	1	SW3010A	HS21010463	7439-89-6	Iron	3.55	3.55	mg/l
KAFB-106MW1-I	106MW1I-LTM-0112	D	DILUTION1	50	SW3010A	HS21010463	7439-96-5	Manganese	3.79	3.79	mg/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1	METHOD	HS21010463	106-93-4	1,2-Dibromoethane	< 0.011	0.011	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	100-41-4	Ethylbenzene	14	14	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	103-65-1	n-Propylbenzene	1.6	1.6	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	104-51-8	n-Butylbenzene	< 1.0	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	106-93-4	1,2-Dibromoethane	< 0.50	0.5	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	107-06-2	1,2-Dichloroethane	< 0.50	0.5	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	108-10-1	4-Methyl-2-pentanone	< 2.0	2	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	108-88-3	Toluene	< 0.50	0.5	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	127-18-4	Tetrachloroethene	< 1.0	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	1330-20-7	Xylenes, total	2.8	2.8	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	135-98-8	sec-Butylbenzene	3.3	3.3	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	156-59-2	cis-1,2-Dichloroethene	< 0.50	0.5	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	156-60-5	trans-1,2-Dichloroethene	< 0.50	0.5	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	179601-23-1	m- & p-Xylenes	1.1	1.1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	591-78-6	2-Hexanone	< 2.0	2	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	67-64-1	Acetone	< 2.0	2	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	71-43-2	Benzene	14	14	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	74-87-3	Chloromethane	< 0.50	0.5	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	75-01-4	Vinyl chloride	< 0.50	0.5	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	75-09-2	Methylene chloride	< 2.0	2	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	75-15-0	Carbon disulfide	< 2.0	2	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	75-69-4	Trichlorofluoromethane	< 1.0	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	75-71-8	Dichlorodifluoromethane	< 1.0	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	78-93-3	2-Butanone	< 1.0	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	79-00-5	1,1,2-Trichloroethane	< 1.0	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	79-01-6	Trichloroethene	< 0.50	0.5	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	91-20-3	Naphthalene	1.1	1.1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	95-47-6	o-Xylene	1.7	1.7	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	95-49-8	2-Chlorotoluene	< 1.0	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	98-06-6	tert-Butylbenzene	< 1.0	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	98-82-8	Isopropylbenzene	21	21	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	99-87-6	4-Isopropyltoluene	23	23	ug/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	14808-79-8	Sulfate	29.7	29.7	mg/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	16887-00-6	Chloride	71	71	mg/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	24959-67-9	Bromide	1.65	1.65	mg/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	INITIAL	1		HS21010463	NNN	Nitrogen as nitrate + nitrite	< 0.100	0.1	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	1		HS21010463	ALK	Alkalinity, total (as CaCO3)	546	546	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	T	INITIAL	1	SW3010A	HS21010463	7439-92-1	Lead	< 0.00100	0.001	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	D	INITIAL	1	SW3010A	HS21010463	7439-89-6	Iron	7.26	7.26	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	D	DILUTION1	50	SW3010A	HS21010463	7439-96-5	Manganese	5.92	5.92	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	1	METHOD	HS21010463	106-93-4	1,2-Dibromoethane	0.28	0.28	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	100-41-4	Ethylbenzene	1400	1400	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	103-65-1	n-Propylbenzene	87	87	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	104-51-8	n-Butylbenzene	< 10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	106-93-4	1,2-Dibromoethane	< 5.0	5	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	107-06-2	1,2-Dichloroethane	< 5.0	5	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	108-10-1	4-Methyl-2-pentanone	< 20	20	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	108-67-8	1,3,5-Trimethylbenzene	130	130	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	120-82-1	1,2,4-Trichlorobenzene	< 10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	127-18-4	Tetrachloroethene	< 10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	1330-20-7	Xylenes, total	4700	4700	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	135-98-8	sec-Butylbenzene	20	20	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	156-59-2	cis-1,2-Dichloroethene	< 5.0	5	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	INITIAL	10		HS21010463	156-60-5	trans-1,2-Dichloroethene	< 5.0	5	ug/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106005	GW005-211	Y			0.0031	0.0052	0.01	mg/l
KAFB-106005	GW005-211	Y	J	J	0.041	0.10	0.21	mg/l
KAFB-106005	GW005-211	Y		B	0.040	0.075	0.1	mg/l
KAFB-106005	GW005-211	Y			0.24	0.50	1	mg/l
KAFB-106005	GW005-211	Y		B	0.096	0.15	0.2	mg/l
KAFB-106005	GW005-211	Y			0.20	0.45	0.5	mg/l
KAFB-106005	GW005-211	Y	J	J	0.000071	0.00025	0.0005	mg/l
KAFB-106005	GW005-211	Y	J	J	0.00068	0.0016	0.002	mg/l
KAFB-106005	GW005-211	Y		DM	0.048	0.096	0.14	ug/l
KAFB-106005	GW005-211	Y			0.40	0.80	1	ug/l
KAFB-106005	GW005-211	Y			1.4	2.8	6	ug/l
KAFB-106005	GW005-211	Y		D	2.0	5.0	10	ug/l
KAFB-106005	GW005-211	Y		D	2.0	5.0	10	ug/l
KAFB-106005	GW005-611	Y		D	1.5	4.5	5	mg/l
KAFB-106005	GW005-611	Y		D	1.3	2.0	2.5	mg/l
KAFB-106005	GW005-611	Y		D	10	15	20	mg/l
KAFB-106005	GW005-611	N	U	U	0.040	0.090	0.1	mg/l
KAFB-106005	GW005-611	Y			2.6	6.0	8	mg/l
KAFB-106005	GW005-611	Y			2.6	6.0	8	mg/l
KAFB-106005	GW005-611	N	U	U	2.6	6.0	8	mg/l
KAFB-106005	GW005-611	Y			0.0031	0.0052	0.01	mg/l
KAFB-106005	GW005-611	Y	J	J	0.041	0.10	0.21	mg/l
KAFB-106005	GW005-611	Y		B	0.040	0.075	0.1	mg/l
KAFB-106005	GW005-611	Y			0.24	0.50	1	mg/l
KAFB-106005	GW005-611	Y		B	0.096	0.15	0.2	mg/l
KAFB-106005	GW005-611	Y			0.20	0.45	0.5	mg/l
KAFB-106005	GW005-611	Y	J	J	0.000071	0.00025	0.0005	mg/l
KAFB-106005	GW005-611	Y	J	J	0.00068	0.0016	0.002	mg/l
KAFB-106005	GW005-611	Y		DM	0.048	0.096	0.14	ug/l
KAFB-106005	GW005-611	Y			0.40	0.80	1	ug/l
KAFB-106005	GW005-611	Y			1.4	2.8	6	ug/l
KAFB-106005	GW005-611	Y		D	2.0	5.0	10	ug/l
KAFB-106005	GW005-611	Y		D	2.0	5.0	10	ug/l
KAFB-106009	GW009-211	Y	J	D	1.3	2.0	2.5	mg/l
KAFB-106009	GW009-211	Y		D	15	45	50	mg/l
KAFB-106009	GW009-211	Y		D	10	15	20	mg/l
KAFB-106009	GW009-211	Y			0.080	0.18	0.2	mg/l
KAFB-106009	GW009-211	Y			2.6	6.0	8	mg/l
KAFB-106009	GW009-211	Y			2.6	6.0	8	mg/l
KAFB-106009	GW009-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106009	GW009-211	Y		B	0.040	0.075	0.1	mg/l
KAFB-106009	GW009-211	Y			0.20	0.45	0.5	mg/l
KAFB-106009	GW009-211	Y			0.24	0.50	1	mg/l
KAFB-106009	GW009-211	Y		B	0.096	0.15	0.2	mg/l
KAFB-106009	GW009-211	Y			0.041	0.10	0.21	mg/l
KAFB-106009	GW009-211	Y			0.0031	0.0052	0.01	mg/l
KAFB-106009	GW009-211	N	U	J	0.000071	0.00050	0.0005	mg/l
KAFB-106009	GW009-211	N	U	U	0.00068	0.0016	0.002	mg/l
KAFB-106009	GW009-211	Y			0.0096	0.019	0.029	ug/l
KAFB-106009	GW009-211	N	U	U	0.40	0.80	1	ug/l
KAFB-106009	GW009-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106009	GW009-211	N	U	U	1.4	2.8	6	ug/l
KAFB-106009	GW009-211	Y			0.20	0.50	1	ug/l
KAFB-106009	GW009-611	Y	J	D	1.3	2.0	2.5	mg/l
KAFB-106009	GW009-611	Y		D	15	45	50	mg/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106009	GW009-611	Y		D	10	15	20	mg/l
KAFB-106009	GW009-611	Y			0.080	0.18	0.2	mg/l
KAFB-106009	GW009-611	Y			2.6	6.0	8	mg/l
KAFB-106009	GW009-611	Y			2.6	6.0	8	mg/l
KAFB-106009	GW009-611	N	U	U	2.6	6.0	8	mg/l
KAFB-106009	GW009-611	Y		B	0.040	0.075	0.1	mg/l
KAFB-106009	GW009-611	Y			0.20	0.45	0.5	mg/l
KAFB-106009	GW009-611	Y			0.24	0.50	1	mg/l
KAFB-106009	GW009-611	Y		B	0.096	0.15	0.2	mg/l
KAFB-106009	GW009-611	Y	J	J1	0.041	0.10	0.21	mg/l
KAFB-106009	GW009-611	Y	J	J1	0.0031	0.0052	0.01	mg/l
KAFB-106009	GW009-611	N	U	U	0.000071	0.00025	0.0005	mg/l
KAFB-106009	GW009-611	N	U	U	0.00068	0.0016	0.002	mg/l
KAFB-106009	GW009-611	Y			0.0096	0.019	0.029	ug/l
KAFB-106009	GW009-611	N	U	U	0.40	0.80	1	ug/l
KAFB-106009	GW009-611	N	U	U	0.20	0.50	1	ug/l
KAFB-106009	GW009-611	N	U	U	1.4	2.8	6	ug/l
KAFB-106009	GW009-611	Y			0.20	0.50	1	ug/l
KAFB-106012R	GW012R-211	Y	J	JD	1.3	2.0	2.5	mg/l
KAFB-106012R	GW012R-211	Y		D	15	45	50	mg/l
KAFB-106012R	GW012R-211	Y		D	10	15	20	mg/l
KAFB-106012R	GW012R-211	Y			0.20	0.45	0.5	mg/l
KAFB-106012R	GW012R-211	Y			2.6	6.0	8	mg/l
KAFB-106012R	GW012R-211	Y			2.6	6.0	8	mg/l
KAFB-106012R	GW012R-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106012R	GW012R-211	Y			0.040	0.075	0.1	mg/l
KAFB-106012R	GW012R-211	Y			0.20	0.45	0.5	mg/l
KAFB-106012R	GW012R-211	Y			0.24	0.50	1	mg/l
KAFB-106012R	GW012R-211	Y			0.20	0.45	0.5	mg/l
KAFB-106012R	GW012R-211	Y			0.24	0.50	1	mg/l
KAFB-106012R	GW012R-211	Y			0.096	0.15	0.2	mg/l
KAFB-106012R	GW012R-211	N	UJ	UJ1	0.041	0.10	0.21	mg/l
KAFB-106012R	GW012R-211	N	UJ	UJ1	0.0031	0.0052	0.01	mg/l
KAFB-106012R	GW012R-211	Y	J	J	0.000071	0.00025	0.0005	mg/l
KAFB-106012R	GW012R-211	Y	J	J	0.00068	0.0016	0.002	mg/l
KAFB-106012R	GW012R-211	N	U	U	0.0096	0.019	0.029	ug/l
KAFB-106012R	GW012R-211	N	U	U	0.40	0.80	1	ug/l
KAFB-106012R	GW012R-211	Y	J	J	0.20	0.50	1	ug/l
KAFB-106012R	GW012R-211	N	U	U	1.4	2.8	6	ug/l
KAFB-106012R	GW012R-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106013	GW013-211	N	UJ	U^c	0.0096	0.019	0.029	ug/l
KAFB-106013	GW013-211	N	U	U	0.40	0.80	1	ug/l
KAFB-106013	GW013-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106013	GW013-211	N	U	U	1.4	2.8	6	ug/l
KAFB-106013	GW013-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106029	GW029-211	N	UJ	UQ	0.0095	0.019	0.029	ug/l
KAFB-106030	GW030-211	N	UJ	UQ	0.0096	0.019	0.029	ug/l
KAFB-106031	GW031-211	N	UJ	UQ	0.0097	0.019	0.029	ug/l
KAFB-106032	GW032-211	N	UJ	U	0.0096	0.019	0.029	ug/l
KAFB-106033	GW033-211	N	UJ	U	0.0096	0.019	0.029	ug/l
KAFB-106034	GW034-211	N	UJ	U	0.0096	0.019	0.029	ug/l
KAFB-106041	GW041-211	N	U	JD	1.3	2.5	2.5	mg/l
KAFB-106041	GW041-211	Y		D	6.0	18	20	mg/l
KAFB-106041	GW041-211	Y	J	DB	4.0	6.0	8	mg/l
KAFB-106041	GW041-211	Y			0.040	0.090	0.1	mg/l
KAFB-106041	GW041-211	Y			2.6	6.0	8	mg/l
KAFB-106041	GW041-211	Y			2.6	6.0	8	mg/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106041	GW041-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106041	GW041-211	N	U	U	0.041	0.10	0.21	mg/l
KAFB-106041	GW041-211	N	U	U	0.0031	0.0052	0.01	mg/l
KAFB-106041	GW041-211	Y			0.040	0.075	0.1	mg/l
KAFB-106041	GW041-211	Y			0.20	0.45	0.5	mg/l
KAFB-106041	GW041-211	Y			0.24	0.50	1	mg/l
KAFB-106041	GW041-211	Y			0.096	0.15	0.2	mg/l
KAFB-106041	GW041-211	N	U	U	0.000071	0.00025	0.0005	mg/l
KAFB-106041	GW041-211	Y	J	J	0.00068	0.0016	0.002	mg/l
KAFB-106041	GW041-211	Y	J	M	0.0096	0.019	0.029	ug/l
KAFB-106049	GW049-211	N	UJ	U	0.0096	0.019	0.029	ug/l
KAFB-106050	GW050-211	N	UJ	U	0.0095	0.019	0.029	ug/l
KAFB-106051	GW051-211	N	UJ	U	0.0095	0.019	0.029	ug/l
KAFB-106097	GW097-211	N	UJ	U^c	0.0095	0.019	0.029	ug/l
KAFB-106097	GW097-211	N	U	U	0.40	0.80	1	ug/l
KAFB-106097	GW097-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106097	GW097-211	N	U	U	1.4	2.8	6	ug/l
KAFB-106097	GW097-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106098	GW098-211	N	UJ	U^c	0.0097	0.019	0.029	ug/l
KAFB-106152-484	GW152-484-211	Y			0.041	0.10	0.21	mg/l
KAFB-106152-484	GW152-484-211	Y			0.040	0.075	0.1	mg/l
KAFB-106152-484	GW152-484-211	Y			0.20	0.45	0.5	mg/l
KAFB-106152-484	GW152-484-211	Y			0.24	0.50	1	mg/l
KAFB-106152-484	GW152-484-211	Y			0.096	0.15	0.2	mg/l
KAFB-106152-484	GW152-484-211	Y			0.0031	0.0052	0.01	mg/l
KAFB-106152-484	GW152-484-211	Y			0.000071	0.00025	0.0005	mg/l
KAFB-106152-484	GW152-484-211	Y			0.00068	0.0016	0.002	mg/l
KAFB-106152-484	GW152-484-211	Y	J	J1	0.0096	0.019	0.029	ug/l
KAFB-106153-484	GW153-484-211	N	U	U	1.5	4.5	5	mg/l
KAFB-106153-484	GW153-484-211	Y		D	1.0	1.5	2	mg/l
KAFB-106153-484	GW153-484-211	Y	J	JD	1.3	2.0	2.5	mg/l
KAFB-106153-484	GW153-484-211	N	U	U	0.040	0.090	0.1	mg/l
KAFB-106153-484	GW153-484-211	Y			2.6	6.0	8	mg/l
KAFB-106153-484	GW153-484-211	Y			2.6	6.0	8	mg/l
KAFB-106153-484	GW153-484-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106153-484	GW153-484-211	Y	J	J1	0.040	0.075	0.1	mg/l
KAFB-106153-484	GW153-484-211	Y	J	J1	0.24	0.50	1	mg/l
KAFB-106153-484	GW153-484-211	Y	J	J1	0.096	0.15	0.2	mg/l
KAFB-106153-484	GW153-484-211	Y			0.20	0.45	0.5	mg/l
KAFB-106153-484	GW153-484-211	Y			0.041	0.10	0.21	mg/l
KAFB-106153-484	GW153-484-211	Y			0.0031	0.0052	0.01	mg/l
KAFB-106153-484	GW153-484-211	N	U	U	0.000071	0.00025	0.0005	mg/l
KAFB-106153-484	GW153-484-211	Y	J	J	0.00068	0.0016	0.002	mg/l
KAFB-106153-484	GW153-484-211	Y		D	1.9	3.8	5.8	ug/l
KAFB-106201	GW201-211	N	U	U	0.0096	0.019	0.029	ug/l
KAFB-106202	GW202-211	N	U	U	0.0096	0.019	0.029	ug/l
KAFB-106203	GW203-211	N	U	U	0.0097	0.019	0.029	ug/l
KAFB-106204	GW204-211	N	U	U	0.0097	0.019	0.029	ug/l
KAFB-106204	GW204-611	N	U	U	0.0096	0.019	0.029	ug/l
KAFB-106205	GW205-211	Y	J	J	0.0096	0.019	0.029	ug/l
KAFB-106206	GW206-211	N	UJ	UQ	0.0097	0.019	0.029	ug/l
KAFB-106207	GW207-211	N	U	U	0.0097	0.019	0.029	ug/l
KAFB-106208	GW208-211	N	U	U	0.0096	0.019	0.029	ug/l
KAFB-106209	GW209-211	N	U	U	0.0096	0.019	0.029	ug/l
KAFB-106216	GW216-211	N	U	U	0.0095	0.019	0.029	ug/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106217	GW217-211	N	U	U	0.0096	0.019	0.029	ug/l
KAFB-106218	GW218-211	N	U	U	0.0096	0.019	0.029	ug/l
KAFB-106218	GW218-611	N	U	U	0.0096	0.019	0.029	ug/l
KAFB-106222	GW222-211	N	UJ	UQ	0.0097	0.019	0.029	ug/l
KAFB-106223	GW223-211	N	UJ	UQ	0.0097	0.019	0.029	ug/l
KAFB-106224	GW224-211	N	U	U	0.0096	0.019	0.029	ug/l
KAFB-106230	GW230-211	Y		D	1.5	4.5	5	mg/l
KAFB-106230	GW230-211	Y	J	D	1.0	1.5	2	mg/l
KAFB-106230	GW230-211	N	U	U	1.3	2.0	2.5	mg/l
KAFB-106230	GW230-211	Y			0.040	0.090	0.1	mg/l
KAFB-106230	GW230-211	Y			2.6	6.0	8	mg/l
KAFB-106230	GW230-211	Y			2.6	6.0	8	mg/l
KAFB-106230	GW230-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106230	GW230-211	N	U	U	0.041	0.10	0.21	mg/l
KAFB-106230	GW230-211	N	U	U	0.0031	0.0052	0.01	mg/l
KAFB-106230	GW230-211	Y			0.040	0.075	0.1	mg/l
KAFB-106230	GW230-211	Y			0.20	0.45	0.5	mg/l
KAFB-106230	GW230-211	Y			0.24	0.50	1	mg/l
KAFB-106230	GW230-211	Y			0.096	0.15	0.2	mg/l
KAFB-106230	GW230-211	N	U	U	0.000071	0.00025	0.0005	mg/l
KAFB-106230	GW230-211	Y	J	J	0.00068	0.0016	0.002	mg/l
KAFB-106230	GW230-211	N	UJ	U	0.0096	0.019	0.029	ug/l
KAFB-106231	GW231-211	N	UJ	UQ	0.0096	0.019	0.029	ug/l
KAFB-106232	GW232-211	N	UJ	UQ	0.0096	0.019	0.029	ug/l
KAFB-106235-438	GW235-438-211	N	U	U	0.0097	0.019	0.029	ug/l
KAFB-106235-472	GW235-472-211	N	U	U	0.0097	0.019	0.029	ug/l
KAFB-106235-501	GW235-501-211	N	UJ	UQ	0.0096	0.019	0.029	ug/l
KAFB-106236-436	GW236-436-211	N	UJ	U	0.0097	0.019	0.029	ug/l
KAFB-106236-436	GW236-436-611	N	UJ	U	0.0097	0.019	0.029	ug/l
KAFB-106236-470	GW236-470-211	N	UJ	UQ	0.0097	0.019	0.029	ug/l
KAFB-106236-499	GW236-499-211	N	UJ	UQ	0.0097	0.019	0.029	ug/l
KAFB-106240-449	GW240-449-211	Y		D	1.3	2.0	2.5	mg/l
KAFB-106240-449	GW240-449-211	Y		D	15	45	50	mg/l
KAFB-106240-449	GW240-449-211	Y		D	10	15	20	mg/l
KAFB-106240-449	GW240-449-211	Y			0.40	0.90	1	mg/l
KAFB-106240-449	GW240-449-211	Y			2.6	6.0	8	mg/l
KAFB-106240-449	GW240-449-211	Y			2.6	6.0	8	mg/l
KAFB-106240-449	GW240-449-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106240-449	GW240-449-211	N	U	U	0.041	0.10	0.21	mg/l
KAFB-106240-449	GW240-449-211	N	U	UQ	0.0031	0.0052	0.01	mg/l
KAFB-106240-449	GW240-449-211	Y			0.040	0.075	0.1	mg/l
KAFB-106240-449	GW240-449-211	Y			0.24	0.50	1	mg/l
KAFB-106240-449	GW240-449-211	Y			0.096	0.15	0.2	mg/l
KAFB-106240-449	GW240-449-211	Y			0.20	0.45	0.5	mg/l
KAFB-106240-449	GW240-449-211	N	U	U	0.000071	0.00025	0.0005	mg/l
KAFB-106240-449	GW240-449-211	Y	J	J	0.00068	0.0016	0.002	mg/l
KAFB-106240-449	GW240-449-211	N	U	UQ	0.0096	0.019	0.029	ug/l
KAFB-106240-449	GW240-449-211	N	U	U	0.40	0.80	1	ug/l
KAFB-106240-449	GW240-449-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106240-449	GW240-449-211	N	U	U	1.4	2.8	6	ug/l
KAFB-106240-449	GW240-449-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106241-428	GW241-428-211	Y	J	DJ1	1.5	4.5	5	mg/l
KAFB-106241-428	GW241-428-211	N	U	JDJ1	1.3	2.5	2.5	mg/l
KAFB-106241-428	GW241-428-211	Y	J	DBJ1	4.0	6.0	8	mg/l
KAFB-106241-428	GW241-428-211	Y	J	J	0.040	0.090	0.1	mg/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106241-428	GW241-428-211	Y			2.6	6.0	8	mg/l
KAFB-106241-428	GW241-428-211	Y			2.6	6.0	8	mg/l
KAFB-106241-428	GW241-428-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106241-428	GW241-428-211	N	U	U	0.041	0.10	0.21	mg/l
KAFB-106241-428	GW241-428-211	N	U	U	0.0031	0.0052	0.01	mg/l
KAFB-106241-428	GW241-428-211	Y			0.040	0.075	0.1	mg/l
KAFB-106241-428	GW241-428-211	Y			0.20	0.45	0.5	mg/l
KAFB-106241-428	GW241-428-211	Y			0.24	0.50	1	mg/l
KAFB-106241-428	GW241-428-211	Y			0.096	0.15	0.2	mg/l
KAFB-106241-428	GW241-428-211	N	U	U	0.000071	0.00025	0.0005	mg/l
KAFB-106241-428	GW241-428-211	Y	J	J	0.00068	0.0016	0.002	mg/l
KAFB-106241-428	GW241-428-211	Y	J		0.0097	0.019	0.029	ug/l
KAFB-106241-428	GW241-428-611	Y		D	1.5	4.5	5	mg/l
KAFB-106241-428	GW241-428-611	N	U	JD	1.3	2.5	2.5	mg/l
KAFB-106241-428	GW241-428-611	Y	J	DB	4.0	6.0	8	mg/l
KAFB-106241-428	GW241-428-611	Y			0.040	0.090	0.1	mg/l
KAFB-106241-428	GW241-428-611	Y			2.6	6.0	8	mg/l
KAFB-106241-428	GW241-428-611	Y			2.6	6.0	8	mg/l
KAFB-106241-428	GW241-428-611	N	U	U	2.6	6.0	8	mg/l
KAFB-106241-428	GW241-428-611	N	U	U	0.041	0.10	0.21	mg/l
KAFB-106241-428	GW241-428-611	N	U	U	0.0031	0.0052	0.01	mg/l
KAFB-106241-428	GW241-428-611	Y			0.040	0.075	0.1	mg/l
KAFB-106241-428	GW241-428-611	Y			0.20	0.45	0.5	mg/l
KAFB-106241-428	GW241-428-611	Y			0.24	0.50	1	mg/l
KAFB-106241-428	GW241-428-611	Y			0.096	0.15	0.2	mg/l
KAFB-106241-428	GW241-428-611	N	U	U	0.000071	0.00025	0.0005	mg/l
KAFB-106241-428	GW241-428-611	Y	J	J	0.00068	0.0016	0.002	mg/l
KAFB-106241-428	GW241-428-611	Y	J		0.0097	0.019	0.029	ug/l
KAFB-106242-418	GW242-418-211	Y		D	15	45	50	mg/l
KAFB-106242-418	GW242-418-211	Y		D	10	15	20	mg/l
KAFB-106242-418	GW242-418-211	N	U	U	130	200	250	mg/l
KAFB-106242-418	GW242-418-211	Y			0.20	0.45	0.5	mg/l
KAFB-106242-418	GW242-418-211	Y			2.6	6.0	8	mg/l
KAFB-106242-418	GW242-418-211	Y			2.6	6.0	8	mg/l
KAFB-106242-418	GW242-418-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106242-418	GW242-418-211	N	U	U	0.041	0.10	0.21	mg/l
KAFB-106242-418	GW242-418-211	N	U	U	0.0031	0.0052	0.01	mg/l
KAFB-106242-418	GW242-418-211	Y		B	0.040	0.075	0.1	mg/l
KAFB-106242-418	GW242-418-211	Y			0.20	0.45	0.5	mg/l
KAFB-106242-418	GW242-418-211	Y			0.24	0.50	1	mg/l
KAFB-106242-418	GW242-418-211	Y			0.096	0.15	0.2	mg/l
KAFB-106242-418	GW242-418-211	N	U	U	0.000071	0.00025	0.0005	mg/l
KAFB-106242-418	GW242-418-211	Y	J	J	0.00068	0.0016	0.002	mg/l
KAFB-106242-418	GW242-418-211	N	UJ	UQ	0.0095	0.019	0.029	ug/l
KAFB-106243-425	GW243-425-211	Y		D	1.5	4.5	5	mg/l
KAFB-106243-425	GW243-425-211	Y		D	1.0	1.5	2	mg/l
KAFB-106243-425	GW243-425-211	N	U	U	1.3	2.0	2.5	mg/l
KAFB-106243-425	GW243-425-211	N	U	U	0.040	0.090	0.1	mg/l
KAFB-106243-425	GW243-425-211	Y			2.6	6.0	8	mg/l
KAFB-106243-425	GW243-425-211	Y			2.6	6.0	8	mg/l
KAFB-106243-425	GW243-425-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106243-425	GW243-425-211	Y			0.040	0.075	0.1	mg/l
KAFB-106243-425	GW243-425-211	Y			0.24	0.50	1	mg/l
KAFB-106243-425	GW243-425-211	Y			0.096	0.15	0.2	mg/l
KAFB-106243-425	GW243-425-211	Y			0.20	0.45	0.5	mg/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106243-425	GW243-425-211	N	U	U	0.041	0.10	0.21	mg/l
KAFB-106243-425	GW243-425-211	N	U	UQ	0.0031	0.0052	0.01	mg/l
KAFB-106243-425	GW243-425-211	Y	J	J	0.000071	0.00025	0.0005	mg/l
KAFB-106243-425	GW243-425-211	Y	J	J	0.00068	0.0016	0.002	mg/l
KAFB-106243-425	GW243-425-211	Y	J	JM	0.0097	0.019	0.029	ug/l
KAFB-106244-445	GW244-445-211	N	U	U	1.3	2.0	2.5	mg/l
KAFB-106244-445	GW244-445-211	Y		D	15	45	50	mg/l
KAFB-106244-445	GW244-445-211	Y		D	10	15	20	mg/l
KAFB-106244-445	GW244-445-211	Y			0.20	0.45	0.5	mg/l
KAFB-106244-445	GW244-445-211	Y			2.6	6.0	8	mg/l
KAFB-106244-445	GW244-445-211	Y			2.6	6.0	8	mg/l
KAFB-106244-445	GW244-445-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106244-445	GW244-445-211	N	U	U	0.041	0.10	0.21	mg/l
KAFB-106244-445	GW244-445-211	N	U	UQ	0.0031	0.0052	0.01	mg/l
KAFB-106244-445	GW244-445-211	Y			0.040	0.075	0.1	mg/l
KAFB-106244-445	GW244-445-211	Y			0.24	0.50	1	mg/l
KAFB-106244-445	GW244-445-211	Y			0.096	0.15	0.2	mg/l
KAFB-106244-445	GW244-445-211	Y			0.20	0.45	0.5	mg/l
KAFB-106244-445	GW244-445-211	Y	J	J	0.000071	0.00025	0.0005	mg/l
KAFB-106244-445	GW244-445-211	Y	J	J	0.00068	0.0016	0.002	mg/l
KAFB-106244-445	GW244-445-211	N	U	UQ	0.0096	0.019	0.029	ug/l
KAFB-106244-445	GW244-445-211	N	U	U	0.40	0.80	1	ug/l
KAFB-106244-445	GW244-445-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106244-445	GW244-445-211	N	U	U	1.4	2.8	6	ug/l
KAFB-106244-445	GW244-445-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106245-460	GW245-460-211	Y		D	1.3	2.0	2.5	mg/l
KAFB-106245-460	GW245-460-211	Y		D	15	45	50	mg/l
KAFB-106245-460	GW245-460-211	Y		D	10	15	20	mg/l
KAFB-106245-460	GW245-460-211	Y		D	10	15	20	mg/l
KAFB-106245-460	GW245-460-211	Y			0.20	0.45	0.5	mg/l
KAFB-106245-460	GW245-460-211	Y			2.6	6.0	8	mg/l
KAFB-106245-460	GW245-460-211	Y			2.6	6.0	8	mg/l
KAFB-106245-460	GW245-460-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106245-460	GW245-460-211	N	U	U	0.041	0.10	0.21	mg/l
KAFB-106245-460	GW245-460-211	N	U	UQ	0.0031	0.0052	0.01	mg/l
KAFB-106245-460	GW245-460-211	Y			0.040	0.075	0.1	mg/l
KAFB-106245-460	GW245-460-211	Y			0.24	0.50	1	mg/l
KAFB-106245-460	GW245-460-211	Y			0.096	0.15	0.2	mg/l
KAFB-106245-460	GW245-460-211	Y			0.20	0.45	0.5	mg/l
KAFB-106245-460	GW245-460-211	N	U	U	0.000071	0.00025	0.0005	mg/l
KAFB-106245-460	GW245-460-211	Y	J	J	0.00068	0.0016	0.002	mg/l
KAFB-106245-460	GW245-460-211	N	U	UQ	0.0096	0.019	0.029	ug/l
KAFB-106245-460	GW245-460-211	N	U	U	0.40	0.80	1	ug/l
KAFB-106245-460	GW245-460-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106245-460	GW245-460-211	N	U	U	1.4	2.8	6	ug/l
KAFB-106245-460	GW245-460-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106247-450	GW247-450-211	Y		D	1.5	4.5	5	mg/l
KAFB-106247-450	GW247-450-211	Y	J	J1D	1.0	1.5	2	mg/l
KAFB-106247-450	GW247-450-211	N	U	U	1.3	2.0	2.5	mg/l
KAFB-106247-450	GW247-450-211	Y			0.040	0.090	0.1	mg/l
KAFB-106247-450	GW247-450-211	Y			2.6	6.0	8	mg/l
KAFB-106247-450	GW247-450-211	Y			2.6	6.0	8	mg/l
KAFB-106247-450	GW247-450-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106247-450	GW247-450-211	N	U	U	0.041	0.10	0.21	mg/l
KAFB-106247-450	GW247-450-211	N	U	UQ	0.0031	0.0052	0.01	mg/l
KAFB-106247-450	GW247-450-211	Y			0.040	0.075	0.1	mg/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106247-450	GW247-450-211	Y			0.24	0.50	1	mg/l
KAFB-106247-450	GW247-450-211	Y			0.096	0.15	0.2	mg/l
KAFB-106247-450	GW247-450-211	Y			0.20	0.45	0.5	mg/l
KAFB-106247-450	GW247-450-211	N	U	U	0.000071	0.00025	0.0005	mg/l
KAFB-106247-450	GW247-450-211	N	U	U	0.00068	0.0016	0.002	mg/l
KAFB-106247-450	GW247-450-211	N	U	UQ	0.0097	0.019	0.029	ug/l
KAFB-106247-450	GW247-450-211	N	U	U	0.40	0.80	1	ug/l
KAFB-106247-450	GW247-450-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106247-450	GW247-450-211	N	U	U	1.4	2.8	6	ug/l
KAFB-106247-450	GW247-450-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106247-450	GW247-450-611	Y		D	1.5	4.5	5	mg/l
KAFB-106247-450	GW247-450-611	Y	J	D	1.0	1.5	2	mg/l
KAFB-106247-450	GW247-450-611	N	U	U	1.3	2.0	2.5	mg/l
KAFB-106247-450	GW247-450-611	Y			0.040	0.090	0.1	mg/l
KAFB-106247-450	GW247-450-611	Y			2.6	6.0	8	mg/l
KAFB-106247-450	GW247-450-611	Y			2.6	6.0	8	mg/l
KAFB-106247-450	GW247-450-611	N	U	U	2.6	6.0	8	mg/l
KAFB-106247-450	GW247-450-611	N	U	U	0.041	0.10	0.21	mg/l
KAFB-106247-450	GW247-450-611	N	U	UQ	0.0031	0.0052	0.01	mg/l
KAFB-106247-450	GW247-450-611	Y			0.040	0.075	0.1	mg/l
KAFB-106247-450	GW247-450-611	Y			0.20	0.45	0.5	mg/l
KAFB-106247-450	GW247-450-611	Y			0.24	0.50	1	mg/l
KAFB-106247-450	GW247-450-611	Y			0.096	0.15	0.2	mg/l
KAFB-106247-450	GW247-450-611	N	U	U	0.000071	0.00025	0.0005	mg/l
KAFB-106247-450	GW247-450-611	N	U	U	0.00068	0.0016	0.002	mg/l
KAFB-106247-450	GW247-450-611	N	U	UM	0.0096	0.019	0.029	ug/l
KAFB-106098	GW098-211	N	U	U	0.40	0.80	1	ug/l
KAFB-106098	GW098-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106098	GW098-211	N	U	U	0.40	0.80	1	ug/l
KAFB-106098	GW098-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106098	GW098-211	N	U	U	1.4	2.8	6	ug/l
KAFB-106098	GW098-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106099	GW099-211	N	U	U	0.0096	0.019	0.029	ug/l
KAFB-106099	GW099-211	N	U	U	0.40	0.80	1	ug/l
KAFB-106099	GW099-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106099	GW099-211	N	U	U	1.4	2.8	6	ug/l
KAFB-106099	GW099-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106100	GW100-211	N	U	U	0.0096	0.019	0.029	ug/l
KAFB-106100	GW100-211	N	U	U	0.40	0.80	1	ug/l
KAFB-106100	GW100-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106100	GW100-211	N	U	U	1.4	2.8	6	ug/l
KAFB-106100	GW100-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106101	GW101-211	N	UJ	UM	0.0096	0.019	0.029	ug/l
KAFB-106101	GW101-211	N	U	U	0.40	0.80	1	ug/l
KAFB-106101	GW101-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106101	GW101-211	N	U	U	1.4	2.8	6	ug/l
KAFB-106101	GW101-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106101	GW101-611	N	UJ	U	0.0097	0.019	0.029	ug/l
KAFB-106101	GW101-611	N	U	U	0.40	0.80	1	ug/l
KAFB-106101	GW101-611	N	U	U	0.20	0.50	1	ug/l
KAFB-106101	GW101-611	N	U	U	1.4	2.8	6	ug/l
KAFB-106101	GW101-611	N	U	U	0.20	0.50	1	ug/l
KAFB-106102	GW102-211	N	UJ	U	0.0097	0.019	0.029	ug/l
KAFB-106102	GW102-211	N	U	U	0.40	0.80	1	ug/l
KAFB-106102	GW102-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106102	GW102-211	N	U	U	1.4	2.8	6	ug/l
KAFB-106102	GW102-211	N	U	U	0.20	0.50	1	ug/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106149-484	GW149-484-211	N	U	U	1.5	4.5	5	mg/l
KAFB-106149-484	GW149-484-211	Y		D	1.0	1.5	2	mg/l
KAFB-106149-484	GW149-484-211	N	U	U	1.3	2.0	2.5	mg/l
KAFB-106149-484	GW149-484-211	N	U	U	0.040	0.090	0.1	mg/l
KAFB-106149-484	GW149-484-211	Y			2.6	6.0	8	mg/l
KAFB-106149-484	GW149-484-211	Y			2.6	6.0	8	mg/l
KAFB-106149-484	GW149-484-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106149-484	GW149-484-211	Y			0.040	0.075	0.1	mg/l
KAFB-106149-484	GW149-484-211	Y			0.24	0.50	1	mg/l
KAFB-106149-484	GW149-484-211	Y			0.096	0.15	0.2	mg/l
KAFB-106149-484	GW149-484-211	Y			0.20	0.45	0.5	mg/l
KAFB-106149-484	GW149-484-211	Y			0.041	0.10	0.21	mg/l
KAFB-106149-484	GW149-484-211	Y			0.0031	0.0052	0.01	mg/l
KAFB-106149-484	GW149-484-211	Y			0.000071	0.00025	0.0005	mg/l
KAFB-106149-484	GW149-484-211	Y			0.00068	0.0016	0.002	mg/l
KAFB-106149-484	GW149-484-211	Y		D	9.6	19	29	ug/l
KAFB-106151-484	GW151-484-211	Y	J	JD	1.3	2.0	2.5	mg/l
KAFB-106151-484	GW151-484-211	Y		D	15	45	50	mg/l
KAFB-106151-484	GW151-484-211	Y		D	10	15	20	mg/l
KAFB-106151-484	GW151-484-211	Y			0.040	0.090	0.1	mg/l
KAFB-106151-484	GW151-484-211	Y			2.6	6.0	8	mg/l
KAFB-106151-484	GW151-484-211	Y			2.6	6.0	8	mg/l
KAFB-106151-484	GW151-484-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106151-484	GW151-484-211	N	U	J	0.041	0.21	0.21	mg/l
KAFB-106151-484	GW151-484-211	Y			0.040	0.075	0.1	mg/l
KAFB-106151-484	GW151-484-211	Y			0.20	0.45	0.5	mg/l
KAFB-106151-484	GW151-484-211	Y			0.24	0.50	1	mg/l
KAFB-106151-484	GW151-484-211	Y			0.096	0.15	0.2	mg/l
KAFB-106151-484	GW151-484-211	Y			0.0031	0.0052	0.01	mg/l
KAFB-106151-484	GW151-484-211	Y	J	J	0.000071	0.00025	0.0005	mg/l
KAFB-106151-484	GW151-484-211	Y	J	J	0.00068	0.0016	0.002	mg/l
KAFB-106151-484	GW151-484-211	Y	J	M	0.0095	0.019	0.029	ug/l
KAFB-106152-484	GW152-484-211	N	U	JD	1.5	5.0	5	mg/l
KAFB-106152-484	GW152-484-211	N	U	JDB	1.3	2.5	2.5	mg/l
KAFB-106152-484	GW152-484-211	Y		DB	10	15	20	mg/l
KAFB-106152-484	GW152-484-211	N	U	U	0.040	0.090	0.1	mg/l
KAFB-106152-484	GW152-484-211	Y			2.6	6.0	8	mg/l
KAFB-106152-484	GW152-484-211	Y			2.6	6.0	8	mg/l
KAFB-106152-484	GW152-484-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106247-450	GW247-450-611	N	U	U	0.40	0.80	1	ug/l
KAFB-106247-450	GW247-450-611	N	U	U	0.20	0.50	1	ug/l
KAFB-106247-450	GW247-450-611	N	U	U	1.4	2.8	6	ug/l
KAFB-106247-450	GW247-450-611	N	U	U	0.20	0.50	1	ug/l
KAFB-106S10-443	GWS10-443-211	Y		D	1.5	4.5	5	mg/l
KAFB-106S10-443	GWS10-443-211	Y		D	1.0	1.5	2	mg/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.3	2.0	2.5	mg/l
KAFB-106S10-443	GWS10-443-211	N	U	U	0.040	0.090	0.1	mg/l
KAFB-106S10-443	GWS10-443-211	Y			2.6	6.0	8	mg/l
KAFB-106S10-443	GWS10-443-211	Y			2.6	6.0	8	mg/l
KAFB-106S10-443	GWS10-443-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106S10-443	GWS10-443-211	Y			0.0031	0.0052	0.01	mg/l
KAFB-106S10-443	GWS10-443-211	N	U	U	0.041	0.10	0.21	mg/l
KAFB-106S10-443	GWS10-443-211	Y			0.040	0.075	0.1	mg/l
KAFB-106S10-443	GWS10-443-211	Y			0.24	0.50	1	mg/l
KAFB-106S10-443	GWS10-443-211	Y			0.096	0.15	0.2	mg/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106S10-443	GWS10-443-211	Y			0.20	0.45	0.5	mg/l
KAFB-106S10-443	GWS10-443-211	N	U	J	0.000071	0.00050	0.0005	mg/l
KAFB-106S10-443	GWS10-443-211	Y	J	J	0.00068	0.0016	0.002	mg/l
KAFB-106S10-443	GWS10-443-211	Y		D	19	39	58	ug/l
KAFB-106S10-443	GWS10-443-211	Y		D	580	1000	1300	ug/l
KAFB-106S10-443	GWS10-443-211	Y		D	270	530	590	ug/l
KAFB-106S10-443	GWS10-443-211	Y		D	2.0	4.0	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	UM	1.0	2.5	25	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	Y		D	1.0	2.5	25	ug/l
KAFB-106S10-443	GWS10-443-211	Y	J	JD	1.0	2.5	25	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	25	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	25	ug/l
KAFB-106S10-443	GWS10-443-211	Y		D	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	15	25	500	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	UM	1.5	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	UM	1.5	5.0	100	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	3.5	10	50	ug/l
KAFB-106S10-443	GWS10-443-211	Y	J	JD	2.5	5.0	50	ug/l
KAFB-106S10-443	GWS10-443-211	Y		D	1.5	5.0	25	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	25	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.5	5.0	25	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	Y			7.0	14	30	ug/l
KAFB-106S10-443	GWS10-443-211	Y	J	JD	1.0	2.5	25	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	Y		D	5.0	10	25	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	UM	1.0	2.5	25	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	25	ug/l
KAFB-106S10-443	GWS10-443-211	Y	J	JD	1.5	5.0	50	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.5	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	Y		D	3.5	10	100	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.5	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.5	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	25	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.5	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	25	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	5.0	10	20	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106S10-443	GWS10-443-211	N	UJ	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	Y		D	1.5	5.0	50	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	UM	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	UM	1.0	2.5	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	2.0	5.0	25	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	10	20	25	ug/l
KAFB-106S10-443	GWS10-443-211	Y		D	5.0	10	25	ug/l
KAFB-106S10-443	GWS10-443-211	Y		D	2.0	4.0	5	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	UM	1.0	2.5	25	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.0	2.5	25	ug/l
KAFB-106S10-443	GWS10-443-211	Y		D	5.0	10	25	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.5	5.0	25	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	UM	1.0	2.5	25	ug/l
KAFB-106S10-443	GWS10-443-211	N	U	U	1.5	5.0	25	ug/l
KAFB-106S10-443	GWS10-443-211	Y		D	1.0	2.5	25	ug/l
KAFB-106S10-443	GWS10-443-211	Y	J	JD	1.0	2.5	25	ug/l
KAFB-106S10-443	GWS10-443-211	Y		D	10	25	50	ug/l
KAFB-106S10-443	GWS10-443-211	Y		D	100	250	500	ug/l
KAFB-106S1-447	GWS1-447-211	Y		D	1.5	4.5	5	mg/l
KAFB-106S1-447	GWS1-447-211	Y		D	1.0	1.5	2	mg/l
KAFB-106S1-447	GWS1-447-211	Y	J	JD	1.3	2.0	2.5	mg/l
KAFB-106S1-447	GWS1-447-211	N	U	U	0.040	0.090	0.1	mg/l
KAFB-106S1-447	GWS1-447-211	Y			2.6	6.0	8	mg/l
KAFB-106S1-447	GWS1-447-211	Y			2.6	6.0	8	mg/l
KAFB-106S1-447	GWS1-447-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106S1-447	GWS1-447-211	Y			0.041	0.10	0.21	mg/l
KAFB-106S1-447	GWS1-447-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106S1-447	GWS1-447-211	Y			0.041	0.10	0.21	mg/l
KAFB-106S1-447	GWS1-447-211	Y			0.040	0.075	0.1	mg/l
KAFB-106S1-447	GWS1-447-211	Y			0.20	0.45	0.5	mg/l
KAFB-106S1-447	GWS1-447-211	Y			0.24	0.50	1	mg/l
KAFB-106S1-447	GWS1-447-211	Y			0.096	0.15	0.2	mg/l
KAFB-106S1-447	GWS1-447-211	Y	J		0.0031	0.0052	0.01	mg/l
KAFB-106S1-447	GWS1-447-211	Y	J	J	0.000071	0.00025	0.0005	mg/l
KAFB-106S1-447	GWS1-447-211	Y			0.00068	0.0016	0.002	mg/l
KAFB-106S1-447	GWS1-447-211	Y		D	9.7	19	29	ug/l
KAFB-106S1-447	GWS1-447-211	Y		D	4.0	8.0	10	ug/l
KAFB-106S1-447	GWS1-447-211	Y			14	28	60	ug/l
KAFB-106S1-447	GWS1-447-211	Y		D	20	50	100	ug/l
KAFB-106S1-447	GWS1-447-211	Y		D	20	50	100	ug/l
KAFB-106S2-451	GWS2-451-211	Y	J	JD	1.5	4.5	5	mg/l
KAFB-106S2-451	GWS2-451-211	Y		D	1.3	2.0	2.5	mg/l
KAFB-106S2-451	GWS2-451-211	Y		D	10	15	20	mg/l
KAFB-106S2-451	GWS2-451-211	N	U	U	0.040	0.090	0.1	mg/l
KAFB-106S2-451	GWS2-451-211	Y			2.6	6.0	8	mg/l
KAFB-106S2-451	GWS2-451-211	Y			2.6	6.0	8	mg/l
KAFB-106S2-451	GWS2-451-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106S2-451	GWS2-451-211	Y	J	J1	0.041	0.10	0.21	mg/l
KAFB-106S2-451	GWS2-451-211	Y			0.040	0.075	0.1	mg/l
KAFB-106S2-451	GWS2-451-211	Y			0.24	0.50	1	mg/l
KAFB-106S2-451	GWS2-451-211	Y			0.096	0.15	0.2	mg/l
KAFB-106S2-451	GWS2-451-211	Y			0.20	0.45	0.5	mg/l
KAFB-106S2-451	GWS2-451-211	Y	J	J1	0.0031	0.0052	0.01	mg/l
KAFB-106S2-451	GWS2-451-211	Y			0.000071	0.00025	0.0005	mg/l
KAFB-106S2-451	GWS2-451-211	Y			0.00068	0.0016	0.002	mg/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106S2-451	GWS2-451-211	Y	J	J1D	1.9	3.8	5.8	ug/l
KAFB-106S2-451	GWS2-451-211	Y	J	J1D	0.80	1.6	2	ug/l
KAFB-106S2-451	GWS2-451-211	Y	J	J1D	0.40	1.0	2	ug/l
KAFB-106S2-451	GWS2-451-211	Y	J	J1	2.8	5.6	12	ug/l
KAFB-106S2-451	GWS2-451-211	Y		D	4.0	10	20	ug/l
KAFB-106S3-449	GWS3-449-211	N	U	JD	1.5	5.0	5	mg/l
KAFB-106S3-449	GWS3-449-211	Y		DB	1.3	2.0	2.5	mg/l
KAFB-106S3-449	GWS3-449-211	Y		DB	10	15	20	mg/l
KAFB-106S3-449	GWS3-449-211	N	U	U	0.040	0.090	0.1	mg/l
KAFB-106S3-449	GWS3-449-211	Y			2.6	6.0	8	mg/l
KAFB-106S3-449	GWS3-449-211	Y			2.6	6.0	8	mg/l
KAFB-106S3-449	GWS3-449-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106S3-449	GWS3-449-211	Y			0.041	0.10	0.21	mg/l
KAFB-106S3-449	GWS3-449-211	Y			0.040	0.075	0.1	mg/l
KAFB-106S3-449	GWS3-449-211	Y			0.20	0.45	0.5	mg/l
KAFB-106S3-449	GWS3-449-211	Y			0.24	0.50	1	mg/l
KAFB-106S3-449	GWS3-449-211	Y			0.096	0.15	0.2	mg/l
KAFB-106S3-449	GWS3-449-211	Y			0.0031	0.0052	0.01	mg/l
KAFB-106S3-449	GWS3-449-211	Y			0.000071	0.00025	0.0005	mg/l
KAFB-106S3-449	GWS3-449-211	Y			0.00068	0.0016	0.002	mg/l
KAFB-106S3-449	GWS3-449-211	Y	J	D	0.096	0.19	0.29	ug/l
KAFB-106S3-449	GWS3-449-211	Y			0.40	0.80	1	ug/l
KAFB-106S3-449	GWS3-449-211	Y			0.20	0.50	1	ug/l
KAFB-106S3-449	GWS3-449-211	Y			14	28	60	ug/l
KAFB-106S3-449	GWS3-449-211	Y		D	2.0	5.0	10	ug/l
KAFB-106S4-446	GWS4-446-211	Y		D	1.3	2.0	2.5	mg/l
KAFB-106S4-446	GWS4-446-211	Y		D	15	45	50	mg/l
KAFB-106S4-446	GWS4-446-211	Y		D	10	15	20	mg/l
KAFB-106S4-446	GWS4-446-211	Y		D	15	45	50	mg/l
KAFB-106S4-446	GWS4-446-211	Y		D	10	15	20	mg/l
KAFB-106S4-446	GWS4-446-211	Y			0.40	0.90	1	mg/l
KAFB-106S4-446	GWS4-446-211	Y			2.6	6.0	8	mg/l
KAFB-106S4-446	GWS4-446-211	Y			2.6	6.0	8	mg/l
KAFB-106S4-446	GWS4-446-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106S4-446	GWS4-446-211	Y			0.040	0.075	0.1	mg/l
KAFB-106S4-446	GWS4-446-211	Y			0.24	0.50	1	mg/l
KAFB-106S4-446	GWS4-446-211	Y			0.096	0.15	0.2	mg/l
KAFB-106S4-446	GWS4-446-211	Y			0.20	0.45	0.5	mg/l
KAFB-106S4-446	GWS4-446-211	N	U	U	0.041	0.10	0.21	mg/l
KAFB-106S4-446	GWS4-446-211	N	U	UQ	0.0031	0.0052	0.01	mg/l
KAFB-106S4-446	GWS4-446-211	N	U	U	0.000071	0.00025	0.0005	mg/l
KAFB-106S4-446	GWS4-446-211	Y	J	J	0.00068	0.0016	0.002	mg/l
KAFB-106S4-446	GWS4-446-211	Y	J	JQ	0.0096	0.019	0.029	ug/l
KAFB-106S4-446	GWS4-446-211	N	U	U	0.40	0.80	1	ug/l
KAFB-106S4-446	GWS4-446-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106S4-446	GWS4-446-211	N	U	U	1.4	2.8	6	ug/l
KAFB-106S4-446	GWS4-446-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106S5-446	GWS5-446-211	N	U	JD	1.5	5.0	5	mg/l
KAFB-106S5-446	GWS5-446-211	Y		DB	1.0	1.5	2	mg/l
KAFB-106S5-446	GWS5-446-211	N	U	JDB	1.3	2.5	2.5	mg/l
KAFB-106S5-446	GWS5-446-211	N	U	U	0.040	0.090	0.1	mg/l
KAFB-106S5-446	GWS5-446-211	Y			2.6	6.0	8	mg/l
KAFB-106S5-446	GWS5-446-211	Y			2.6	6.0	8	mg/l
KAFB-106S5-446	GWS5-446-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106S5-446	GWS5-446-211	Y			0.041	0.10	0.21	mg/l
KAFB-106S5-446	GWS5-446-211	Y			0.040	0.075	0.1	mg/l
KAFB-106S5-446	GWS5-446-211	Y			0.20	0.45	0.5	mg/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106S5-446	GWS5-446-211	Y			0.24	0.50	1	mg/l
KAFB-106S5-446	GWS5-446-211	Y			0.096	0.15	0.2	mg/l
KAFB-106S5-446	GWS5-446-211	Y			0.0031	0.0052	0.01	mg/l
KAFB-106S5-446	GWS5-446-211	Y	J	J	0.000071	0.00025	0.0005	mg/l
KAFB-106S5-446	GWS5-446-211	Y			0.00068	0.0016	0.002	mg/l
KAFB-106S5-446	GWS5-446-211	Y	J	DM	0.48	0.95	1.4	ug/l
KAFB-106S5-446	GWS5-446-211	Y		D	20	40	50	ug/l
KAFB-106S5-446	GWS5-446-211	Y		D	10	25	50	ug/l
KAFB-106S5-446	GWS5-446-211	Y			70	140	300	ug/l
KAFB-106S5-446	GWS5-446-211	Y		D	10	25	50	ug/l
KAFB-106S7-451	GWS7-451-211	Y	J	JD	1.5	4.5	5	mg/l
KAFB-106S7-451	GWS7-451-211	Y	J	JD	1.3	2.0	2.5	mg/l
KAFB-106S7-451	GWS7-451-211	Y		D	10	15	20	mg/l
KAFB-106S7-451	GWS7-451-211	N	U	U	0.040	0.090	0.1	mg/l
KAFB-106S7-451	GWS7-451-211	Y			2.6	6.0	8	mg/l
KAFB-106S7-451	GWS7-451-211	Y			2.6	6.0	8	mg/l
KAFB-106S7-451	GWS7-451-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106S7-451	GWS7-451-211	N	U	U	0.041	0.10	0.21	mg/l
KAFB-106S7-451	GWS7-451-211	Y			0.040	0.075	0.1	mg/l
KAFB-106S7-451	GWS7-451-211	Y			0.20	0.45	0.5	mg/l
KAFB-106S7-451	GWS7-451-211	Y			0.24	0.50	1	mg/l
KAFB-106S7-451	GWS7-451-211	Y			0.096	0.15	0.2	mg/l
KAFB-106S7-451	GWS7-451-211	Y			0.0031	0.0052	0.01	mg/l
KAFB-106S7-451	GWS7-451-211	Y	J	J	0.000071	0.00025	0.0005	mg/l
KAFB-106S7-451	GWS7-451-211	Y			0.00068	0.0016	0.002	mg/l
KAFB-106S7-451	GWS7-451-211	Y	J	D	0.48	0.96	1.4	ug/l
KAFB-106S7-451	GWS7-451-211	Y			0.20	0.50	1	ug/l
KAFB-106S7-451	GWS7-451-211	Y		D	4.0	8.0	10	ug/l
KAFB-106S7-451	GWS7-451-211	Y			0.20	0.50	1	ug/l
KAFB-106S7-451	GWS7-451-211	Y		D	4.0	8.0	10	ug/l
KAFB-106S7-451	GWS7-451-211	Y		D	2.0	5.0	10	ug/l
KAFB-106S7-451	GWS7-451-211	Y			14	28	60	ug/l
KAFB-106S8-451	GWS8-451-211	N	U	U	1.5	4.5	5	mg/l
KAFB-106S8-451	GWS8-451-211	Y		D	1.0	1.5	2	mg/l
KAFB-106S8-451	GWS8-451-211	Y	J	JD	1.3	2.0	2.5	mg/l
KAFB-106S8-451	GWS8-451-211	N	U	U	0.040	0.090	0.1	mg/l
KAFB-106S8-451	GWS8-451-211	Y			2.6	6.0	8	mg/l
KAFB-106S8-451	GWS8-451-211	Y			2.6	6.0	8	mg/l
KAFB-106S8-451	GWS8-451-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106S8-451	GWS8-451-211	Y			0.041	0.10	0.21	mg/l
KAFB-106S8-451	GWS8-451-211	Y			0.040	0.075	0.1	mg/l
KAFB-106S8-451	GWS8-451-211	Y			0.24	0.50	1	mg/l
KAFB-106S8-451	GWS8-451-211	Y			0.096	0.15	0.2	mg/l
KAFB-106S8-451	GWS8-451-211	Y			0.20	0.45	0.5	mg/l
KAFB-106S8-451	GWS8-451-211	Y	J		0.0031	0.0052	0.01	mg/l
KAFB-106S8-451	GWS8-451-211	Y	J	J	0.000071	0.00025	0.0005	mg/l
KAFB-106S8-451	GWS8-451-211	Y			0.00068	0.0016	0.002	mg/l
KAFB-106S8-451	GWS8-451-211	Y		D	48	96	140	ug/l
KAFB-106S8-451	GWS8-451-211	Y		D	4.0	8.0	10	ug/l
KAFB-106S8-451	GWS8-451-211	Y		D	2.0	5.0	10	ug/l
KAFB-106S8-451	GWS8-451-211	Y			14	28	60	ug/l
KAFB-106S8-451	GWS8-451-211	Y		D	20	50	100	ug/l
KAFB-106S9-447	GWS9-447-211	N	U	JDB	1.3	2.5	2.5	mg/l
KAFB-106S9-447	GWS9-447-211	Y		D	15	45	50	mg/l
KAFB-106S9-447	GWS9-447-211	Y		DB	10	15	20	mg/l
KAFB-106S9-447	GWS9-447-211	Y			0.040	0.090	0.1	mg/l
KAFB-106S9-447	GWS9-447-211	Y			2.6	6.0	8	mg/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106S9-447	GWS9-447-211	Y			2.6	6.0	8	mg/l
KAFB-106S9-447	GWS9-447-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106S9-447	GWS9-447-211	N	U	J	0.041	0.21	0.21	mg/l
KAFB-106S9-447	GWS9-447-211	Y			0.040	0.075	0.1	mg/l
KAFB-106S9-447	GWS9-447-211	Y			0.20	0.45	0.5	mg/l
KAFB-106S9-447	GWS9-447-211	Y			0.24	0.50	1	mg/l
KAFB-106S9-447	GWS9-447-211	Y			0.096	0.15	0.2	mg/l
KAFB-106S9-447	GWS9-447-211	Y			0.0031	0.0052	0.01	mg/l
KAFB-106S9-447	GWS9-447-211	Y			0.000071	0.00025	0.0005	mg/l
KAFB-106S9-447	GWS9-447-211	Y			0.00068	0.0016	0.002	mg/l
KAFB-106S9-447	GWS9-447-211	Y	J	D	0.19	0.39	0.58	ug/l
KAFB-106S9-447	GWS9-447-211	Y		D	2.0	4.0	5	ug/l
KAFB-106S9-447	GWS9-447-211	Y		D	1.0	2.5	5	ug/l
KAFB-106S9-447	GWS9-447-211	Y			7.0	14	30	ug/l
KAFB-106S9-447	GWS9-447-211	Y		D	10	25	50	ug/l
KAFB-106003	GW003-211	N	UJ	U	0.0095	0.019	0.029	ug/l
KAFB-106003	GW003-211	N	U	U	0.40	0.80	1	ug/l
KAFB-106003	GW003-211	N	U	UM	0.20	0.50	1	ug/l
KAFB-106003	GW003-211	N	U	U	1.4	2.8	6	ug/l
KAFB-106003	GW003-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106004	GW004-211	N	U	U	0.0096	0.019	0.029	ug/l
KAFB-106004	GW004-211	N	U	U	0.40	0.80	1	ug/l
KAFB-106004	GW004-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106004	GW004-211	N	U	U	1.4	2.8	6	ug/l
KAFB-106004	GW004-211	N	U	U	0.20	0.50	1	ug/l
KAFB-106005	GW005-211	Y		D	1.5	4.5	5	mg/l
KAFB-106005	GW005-211	Y		D	1.3	2.0	2.5	mg/l
KAFB-106005	GW005-211	Y		D	10	15	20	mg/l
KAFB-106005	GW005-211	Y		D	10	15	20	mg/l
KAFB-106005	GW005-211	N	U	U	0.040	0.090	0.1	mg/l
KAFB-106005	GW005-211	Y			2.6	6.0	8	mg/l
KAFB-106005	GW005-211	Y			2.6	6.0	8	mg/l
KAFB-106005	GW005-211	N	U	U	2.6	6.0	8	mg/l
KAFB-106063	106063-LTM-01112	Y		a	5	5	5	mg/l
KAFB-106063	106063-LTM-01112	N	U	U	0.0006	0.001	0.005	mg/l
KAFB-106063	106063-LTM-01112	Y			0.012	0.05	0.2	mg/l
KAFB-106063	106063-LTM-01112	Y			0.035	0.125	0.25	mg/l
KAFB-106063	106063-LTM-01112	N	U	U	0.0032	0.011	0.021	ug/l
KAFB-106063	106063-LTM-01112	Y			3	10	10	ug/l
KAFB-106063	106063-LTM-01112	Y			3	10	10	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	4	10	10	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106063	106063-LTM-01112	Y	J	J	7	20	20	ug/l
KAFB-106063	106063-LTM-01112	Y			3	10	10	ug/l
KAFB-106063	106063-LTM-01112	Y	J	J	2	5	10	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	5	10	10	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106063	106063-LTM-01112	Y			3	10	10	ug/l
KAFB-106063	106063-LTM-01112	Y	J	J	3	10	10	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106063	106063-LTM-01112	Y			5	10	20	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	10	20	20	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	4	20	20	ug/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106063	106063-LTM-01112	Y			2	5	10	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	4	20	20	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	6	20	20	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	5	10	20	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106063	106063-LTM-01112	Y			3	10	10	ug/l
KAFB-106063	106063-LTM-01112	Y			3	10	10	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106063	106063-LTM-01112	Y			3	10	10	ug/l
KAFB-106063	106063-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106063	106063-LTM-01112	Y			0.2	0.5	0.5	mg/l
KAFB-106063	106063-LTM-01112	Y			0.2	0.5	0.5	mg/l
KAFB-106063	106063-LTM-01112	Y			0.03	0.1	0.1	mg/l
KAFB-106063	106063-LTM-01112	N	U	U	0.03	0.1	0.1	mg/l
KAFB-106064	106064-LTM-01112	Y		a	5	5	5	mg/l
KAFB-106064	106064-LTM-01112	N	U	U	0.0006	0.001	0.005	mg/l
KAFB-106064	106064-LTM-01112	Y			0.012	0.05	0.2	mg/l
KAFB-106064	106064-LTM-01112	Y			0.07	0.25	0.5	mg/l
KAFB-106064	106064-LTM-01112	N	U	U	0.0031	0.01	0.021	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			4	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			4	10	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	7	20	20	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			2	5	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	5	10	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106064	106064-LTM-01112	Y			5	10	20	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	10	20	20	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	4	20	20	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	4	20	20	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	6	20	20	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	5	10	20	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	3	10	10	ug/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106064	106064-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			20	50	100	ug/l
KAFB-106064	106064-LTM-01112	Y	J	J	0.2	0.5	0.5	mg/l
KAFB-106064	106064-LTM-01112	Y			0.2	0.5	0.5	mg/l
KAFB-106064	106064-LTM-01112	Y			0.03	0.1	0.1	mg/l
KAFB-106064	106064-LTM-01112	N	U	U	0.03	0.1	0.1	mg/l
KAFB-106064	106064-LTM-01112	Y		a	5	5	5	mg/l
KAFB-106064	106064-LTM-01112	N	U	U	0.0006	0.001	0.005	mg/l
KAFB-106064	106064-LTM-01112	Y			0.012	0.05	0.2	mg/l
KAFB-106064	106064-LTM-01112	Y			0.07	0.25	0.5	mg/l
KAFB-106064	106064-LTM-01112	N	U	U	0.0031	0.01	0.021	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			4	10	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	7	20	20	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			2	5	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	5	10	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	4	20	20	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	6	20	20	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	5	10	20	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			3	10	10	ug/l
KAFB-106064	106064-LTM-01112	Y			20	50	100	ug/l
KAFB-106064	106064-LTM-01112	N	U	U	0.03	0.1	0.1	mg/l
KAFB-106064	106064-LTM-01112	Y	J	J	0.2	0.5	0.5	mg/l
KAFB-106064	106064-LTM-01112	Y			0.2	0.5	0.5	mg/l
KAFB-106064	106064-LTM-01112	Y			0.03	0.1	0.1	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	2	5	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	Y			5	10	20	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	10	20	20	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	4	20	20	ug/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	2	5	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	2	5	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	4	20	20	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	6	20	20	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	3	10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	3	10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	5	10	20	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	3	10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	2	5	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	Y			3	10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	Y			3	10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	3	10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	3	10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	Y			3	10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	3	10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	Y			20	50	100	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	Y			20	50	100	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	Y	J	J	0.2	0.5	0.5	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	Y			0.2	0.5	0.5	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	Y			0.03	0.1	0.1	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	0.03	0.1	0.1	mg/l
KAFB-106MW2-I	106MW-2I-LTM-011	Y		a	5	5	5	mg/l
KAFB-106MW2-I	106MW-2I-LTM-011	Y	J	J	0.0006	0.001	0.005	mg/l
KAFB-106MW2-I	106MW-2I-LTM-011	Y			0.012	0.05	0.2	mg/l
KAFB-106MW2-I	106MW-2I-LTM-011	Y			0.035	0.125	0.25	mg/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.0032	0.011	0.021	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.3	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.3	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.3	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.3	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.4	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	Y			0.2	0.5	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.7	2	2	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.3	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.5	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.3	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.3	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	Y			0.3	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.5	1	2	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	1	2	2	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.4	2	2	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.4	2	2	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.6	2	2	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.3	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.3	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.5	1	2	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.3	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.3	1	1	ug/l

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well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.3	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.3	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.3	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	Y			0.3	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.3	1	1	ug/l
KAFB-106MW2-I	106MW-2I-LTM-011	Y			0.2	0.5	0.5	mg/l
KAFB-106MW2-I	106MW-2I-LTM-011	Y			0.03	0.1	0.1	mg/l
KAFB-106MW2-I	106MW-2I-LTM-011	N	U	U	0.03	0.1	0.1	mg/l
KAFB-106MW2-I	106MW-2I-LTM-011	Y			2	5	5	mg/l
KAFB-106MW2-S	106MW2S-LTM-011	Y		a	5	5	5	mg/l
KAFB-106MW2-S	106MW2S-LTM-011	N	UJ	U	0.0006	0.001	0.005	mg/l
KAFB-106MW2-S	106MW2S-LTM-011	Y	J		0.012	0.05	0.2	mg/l
KAFB-106MW2-S	106MW2S-LTM-011	Y			0.07	0.25	0.5	mg/l
KAFB-106MW2-S	106MW2S-LTM-011	Y	J		0.0031	0.01	0.021	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	Y	J		10	25	50	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	Y			1.5	5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	Y			1.5	5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	Y			2	5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	U	U	1	2.5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	U	U	1	2.5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	U	U	3.5	10	10	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	Y			1.5	5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	Y			1	2.5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	U	U	2.5	5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	U	U	1.5	5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	Y			1.5	5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	Y			1.5	5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	U	U	1	2.5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	U	U	1	2.5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	U	U	2	10	10	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	U	U	3	10	10	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	U	U	1.5	5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	U	U	1.5	5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	U	U	2.5	5	10	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	U	U	1.5	5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	U	U	1	2.5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	Y			1.5	5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	Y			1.5	5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	U	U	1.5	5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	N	U	U	1.5	5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	Y			1.5	5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	Y			1.5	5	5	ug/l
KAFB-106MW2-S	106MW2S-LTM-011	Y			0.2	0.5	0.5	mg/l
KAFB-106MW2-S	106MW2S-LTM-011	Y			0.2	0.5	0.5	mg/l
KAFB-106MW2-S	106MW2S-LTM-011	Y			0.03	0.1	0.1	mg/l
KAFB-106MW2-S	106MW2S-LTM-011	N	UJ	HU	0.03	0.1	0.1	mg/l
KAFB-106EX1	106EX1-LTM-01122	Y		a	5	5	5	mg/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	0.0006	0.001	0.005	mg/l
KAFB-106EX1	106EX1-LTM-01122	Y			0.012	0.05	0.2	mg/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106EX1	106EX1-LTM-01122	Y			0.035	0.125	0.25	mg/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	0.0031	0.01	0.021	ug/l
KAFB-106EX1	106EX1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	2	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	1	2.5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	1	2.5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	3.5	10	10	ug/l
KAFB-106EX1	106EX1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	Y			1	2.5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	2.5	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	1.5	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	1	2.5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	1	2.5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	1	2.5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	Y			2.5	5	10	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	5	10	10	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	2	10	10	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	1	2.5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	1	2.5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	2	10	10	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	3	10	10	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	1.5	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	1.5	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	2.5	5	10	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	1.5	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	2.5	5	10	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	1.5	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	1	2.5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	1.5	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	1.5	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106EX1	106EX1-LTM-01122	Y			5	12	25	ug/l
KAFB-106EX1	106EX1-LTM-01122	Y	J	J	0.2	0.5	0.5	mg/l
KAFB-106EX1	106EX1-LTM-01122	Y			0.2	0.5	0.5	mg/l
KAFB-106EX1	106EX1-LTM-01122	Y			0.03	0.1	0.1	mg/l
KAFB-106EX1	106EX1-LTM-01122	N	U	U	0.03	0.1	0.1	mg/l
KAFB-106EX2	106EX2-LTM-01112	Y		a	5	5	5	mg/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	0.0006	0.001	0.005	mg/l
KAFB-106EX2	106EX2-LTM-01112	Y			0.012	0.05	0.2	mg/l
KAFB-106EX2	106EX2-LTM-01112	Y			0.035	0.125	0.25	mg/l
KAFB-106EX2	106EX2-LTM-01112	Y	J	J	0.0032	0.011	0.021	ug/l
KAFB-106EX2	106EX2-LTM-01112	Y			3	10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	Y			3	10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	Y			4	10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	7	20	20	ug/l
KAFB-106EX2	106EX2-LTM-01112	Y			3	10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	5	10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	Y			3	10	10	ug/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106EX2	106EX2-LTM-01112	Y			3	10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	Y			5	10	20	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	10	20	20	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	4	20	20	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	4	20	20	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	6	20	20	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	5	10	20	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	2	5	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	Y			3	10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	Y			3	10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	Y			3	10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	3	10	10	ug/l
KAFB-106EX2	106EX2-LTM-01112	Y			20	50	100	ug/l
KAFB-106EX2	106EX2-LTM-01112	Y			20	50	100	ug/l
KAFB-106EX2	106EX2-LTM-01112	Y	J	J	0.2	0.5	0.5	mg/l
KAFB-106EX2	106EX2-LTM-01112	Y			0.03	0.1	0.1	mg/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	0.03	0.1	0.1	mg/l
KAFB-106EX2	106EX2-LTM-01112	Y			2	5	5	mg/l
KAFB-106EX2	106EX2-LTM-01112	N	U	U	0.03	0.1	0.1	mg/l
KAFB-106EX2	106EX2-LTM-01112	Y			2	5	5	mg/l
KAFB-106IN1	106IN1-LTM-01122	Y		a	5	5	5	mg/l
KAFB-106IN1	106IN1-LTM-01122	Y			0.0006	0.001	0.005	mg/l
KAFB-106IN1	106IN1-LTM-01122	Y			0.012	0.05	0.2	mg/l
KAFB-106IN1	106IN1-LTM-01122	Y			0.035	0.125	0.25	mg/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	0.0031	0.01	0.021	ug/l
KAFB-106IN1	106IN1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	Y			2	5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	1	2.5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	1	2.5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	3.5	10	10	ug/l
KAFB-106IN1	106IN1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	Y	J	J	1	2.5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	2.5	5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	1.5	5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	1	2.5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	1	2.5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	1	2.5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	Y			2.5	5	10	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	5	10	10	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	2	10	10	ug/l
KAFB-106IN1	106IN1-LTM-01122	Y			1	2.5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	1	2.5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	1	2.5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	2	10	10	ug/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106IN1	106IN1-LTM-01122	N	U	U	3	10	10	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	1.5	5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	1.5	5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	2.5	5	10	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	1.5	5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	1	2.5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	1.5	5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	1.5	5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	Y			1.5	5	5	ug/l
KAFB-106IN1	106IN1-LTM-01122	Y			0.2	0.5	0.5	mg/l
KAFB-106IN1	106IN1-LTM-01122	Y			0.2	0.5	0.5	mg/l
KAFB-106IN1	106IN1-LTM-01122	Y			0.03	0.1	0.1	mg/l
KAFB-106IN1	106IN1-LTM-01122	N	U	U	0.03	0.1	0.1	mg/l
KAFB-106MW1-I	106MW1I-LTM-0112	Y		a	5	5	5	mg/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.0006	0.001	0.005	mg/l
KAFB-106MW1-I	106MW1I-LTM-0112	Y			0.012	0.05	0.2	mg/l
KAFB-106MW1-I	106MW1I-LTM-0112	Y			0.035	0.125	0.25	mg/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.0032	0.011	0.021	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	Y			0.3	1	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	Y			0.3	1	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.4	1	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.7	2	2	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.3	1	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.7	2	2	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.3	1	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.5	1	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.3	1	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	Y			0.3	1	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	Y			0.3	1	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	Y	J	J	0.5	1	2	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	1	2	2	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.4	2	2	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	Y			0.2	0.5	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.4	2	2	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.6	2	2	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.3	1	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.3	1	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.5	1	2	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.3	1	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.2	0.5	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	Y			0.3	1	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	Y			0.3	1	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.3	1	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.3	1	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	Y			0.3	1	1	ug/l
KAFB-106MW1-I	106MW1I-LTM-0112	Y			0.3	1	1	ug/l

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Groundwater Analytical Data, Q1 2021

well_location	sample_name	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106MW1-I	106MW1I-LTM-0112	Y			0.2	0.5	0.5	mg/l
KAFB-106MW1-I	106MW1I-LTM-0112	Y			0.2	0.5	0.5	mg/l
KAFB-106MW1-I	106MW1I-LTM-0112	Y			0.03	0.1	0.1	mg/l
KAFB-106MW1-I	106MW1I-LTM-0112	N	U	U	0.03	0.1	0.1	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	Y		a	5	5	5	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	0.0006	0.001	0.005	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	Y			0.012	0.05	0.2	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	Y			0.035	0.125	0.25	mg/l
KAFB-106MW1-S	106MW1S-LTM-011	Y			0.0031	0.01	0.021	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	Y			3	10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	Y			3	10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	4	10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	2	5	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	2	5	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	7	20	20	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	Y			3	10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	5	10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	3	10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	Y			3	10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	Y			3	10	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	2	5	10	ug/l
KAFB-106MW1-S	106MW1S-LTM-011	N	U	U	2	5	10	ug/l

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106005	GW005-211	0.2	NS	NS	0.2	FALSE
KAFB-106005	GW005-211	1.0	NS	NS	1	FALSE
KAFB-106005	GW005-211	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-211	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-211	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-211	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106005	GW005-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106005	GW005-211	0.05	0.05	0.075	0.05	TRUE
KAFB-106005	GW005-211	750	700	15	700	FALSE
KAFB-106005	GW005-211	620	10000	190	620	FALSE
KAFB-106005	GW005-211	1,000	1000	1100	1,000	FALSE
KAFB-106005	GW005-211	10	5	4.6	5	TRUE
KAFB-106005	GW005-611	600	250	NS	250	FALSE
KAFB-106005	GW005-611	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	250	250	NS	250	FALSE
KAFB-106005	GW005-611	10	10	NS	10	FALSE
KAFB-106005	GW005-611	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	0.2	NS	NS	0.2	FALSE
KAFB-106005	GW005-611	1.0	NS	NS	1	FALSE
KAFB-106005	GW005-611	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	0.015	0.015	0.015	0.015	FALSE
KAFB-106005	GW005-611	0.01	0.01	0.00052	0.01	FALSE
KAFB-106005	GW005-611	0.05	0.05	0.075	0.05	TRUE
KAFB-106005	GW005-611	750	700	15	700	FALSE
KAFB-106005	GW005-611	620	10000	190	620	FALSE
KAFB-106005	GW005-611	1,000	1000	1100	1,000	FALSE
KAFB-106005	GW005-611	10	5	4.6	5	TRUE
KAFB-106009	GW009-211	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-211	600	250	NS	250	FALSE
KAFB-106009	GW009-211	250	250	NS	250	FALSE
KAFB-106009	GW009-211	10	10	NS	10	FALSE
KAFB-106009	GW009-211	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-211	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-211	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-211	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-211	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-211	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-211	1.0	NS	NS	1	FALSE
KAFB-106009	GW009-211	0.2	NS	NS	0.2	FALSE
KAFB-106009	GW009-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106009	GW009-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106009	GW009-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106009	GW009-211	750	700	15	700	FALSE
KAFB-106009	GW009-211	1,000	1000	1100	1,000	FALSE
KAFB-106009	GW009-211	620	10000	190	620	FALSE
KAFB-106009	GW009-211	10	5	4.6	5	FALSE
KAFB-106009	GW009-611	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-611	600	250	NS	250	FALSE

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106009	GW009-611	250	250	NS	250	FALSE
KAFB-106009	GW009-611	10	10	NS	10	FALSE
KAFB-106009	GW009-611	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-611	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-611	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-611	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-611	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-611	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-611	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-611	1.0	NS	NS	1	FALSE
KAFB-106009	GW009-611	0.2	NS	NS	0.2	FALSE
KAFB-106009	GW009-611	0.015	0.015	0.015	0.015	FALSE
KAFB-106009	GW009-611	0.01	0.01	0.00052	0.01	FALSE
KAFB-106009	GW009-611	0.05	0.05	0.075	0.05	FALSE
KAFB-106009	GW009-611	750	700	15	700	FALSE
KAFB-106009	GW009-611	1,000	1000	1100	1,000	FALSE
KAFB-106009	GW009-611	620	10000	190	620	FALSE
KAFB-106009	GW009-611	10	5	4.6	5	FALSE
KAFB-106012R	GW012R-211	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	600	250	NS	250	FALSE
KAFB-106012R	GW012R-211	250	250	NS	250	FALSE
KAFB-106012R	GW012R-211	10	10	NS	10	FALSE
KAFB-106012R	GW012R-211	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	1.0	NS	NS	1	FALSE
KAFB-106012R	GW012R-211	0.2	NS	NS	0.2	FALSE
KAFB-106012R	GW012R-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106012R	GW012R-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106012R	GW012R-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106012R	GW012R-211	750	700	15	700	FALSE
KAFB-106012R	GW012R-211	1,000	1000	1100	1,000	FALSE
KAFB-106012R	GW012R-211	620	10000	190	620	FALSE
KAFB-106012R	GW012R-211	10	5	4.6	5	FALSE
KAFB-106013	GW013-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106013	GW013-211	750	700	15	700	FALSE
KAFB-106013	GW013-211	1,000	1000	1100	1,000	FALSE
KAFB-106013	GW013-211	620	10000	190	620	FALSE
KAFB-106013	GW013-211	10	5	4.6	5	FALSE
KAFB-106029	GW029-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106030	GW030-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106031	GW031-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106032	GW032-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106033	GW033-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106034	GW034-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106041	GW041-211	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-211	600	250	NS	250	FALSE
KAFB-106041	GW041-211	250	250	NS	250	FALSE
KAFB-106041	GW041-211	10	10	NS	10	FALSE
KAFB-106041	GW041-211	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-211	NS	NS	NS	NS	FALSE

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Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106041	GW041-211	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-211	1.0	NS	NS	1	FALSE
KAFB-106041	GW041-211	0.2	NS	NS	0.2	FALSE
KAFB-106041	GW041-211	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-211	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-211	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-211	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106041	GW041-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106041	GW041-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106049	GW049-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106050	GW050-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106051	GW051-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106097	GW097-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106097	GW097-211	750	700	15	700	FALSE
KAFB-106097	GW097-211	1,000	1000	1100	1,000	FALSE
KAFB-106097	GW097-211	620	10000	190	620	FALSE
KAFB-106097	GW097-211	10	5	4.6	5	FALSE
KAFB-106098	GW098-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106152-484	GW152-484-211	1.0	NS	NS	1	FALSE
KAFB-106152-484	GW152-484-211	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-211	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-211	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-211	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-211	0.2	NS	NS	0.2	FALSE
KAFB-106152-484	GW152-484-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106152-484	GW152-484-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106152-484	GW152-484-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106153-484	GW153-484-211	600	250	NS	250	FALSE
KAFB-106153-484	GW153-484-211	250	250	NS	250	FALSE
KAFB-106153-484	GW153-484-211	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-211	10	10	NS	10	FALSE
KAFB-106153-484	GW153-484-211	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-211	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-211	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-211	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-211	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-211	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-211	1.0	NS	NS	1	FALSE
KAFB-106153-484	GW153-484-211	0.2	NS	NS	0.2	FALSE
KAFB-106153-484	GW153-484-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106153-484	GW153-484-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106153-484	GW153-484-211	0.05	0.05	0.075	0.05	TRUE
KAFB-106201	GW201-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106202	GW202-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106203	GW203-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106204	GW204-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106204	GW204-611	0.05	0.05	0.075	0.05	FALSE
KAFB-106205	GW205-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106206	GW206-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106207	GW207-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106208	GW208-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106209	GW209-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106216	GW216-211	0.05	0.05	0.075	0.05	FALSE

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Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106217	GW217-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106218	GW218-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106218	GW218-611	0.05	0.05	0.075	0.05	FALSE
KAFB-106222	GW222-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106223	GW223-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106224	GW224-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106230	GW230-211	600	250	NS	250	FALSE
KAFB-106230	GW230-211	250	250	NS	250	FALSE
KAFB-106230	GW230-211	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	10	10	NS	10	FALSE
KAFB-106230	GW230-211	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	1.0	NS	NS	1	FALSE
KAFB-106230	GW230-211	0.2	NS	NS	0.2	FALSE
KAFB-106230	GW230-211	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106230	GW230-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106230	GW230-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106231	GW231-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106232	GW232-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106235-438	GW235-438-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106235-472	GW235-472-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106235-501	GW235-501-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106236-436	GW236-436-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106236-436	GW236-436-611	0.05	0.05	0.075	0.05	FALSE
KAFB-106236-470	GW236-470-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106236-499	GW236-499-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106240-449	GW240-449-211	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-211	600	250	NS	250	FALSE
KAFB-106240-449	GW240-449-211	250	250	NS	250	FALSE
KAFB-106240-449	GW240-449-211	10	10	NS	10	FALSE
KAFB-106240-449	GW240-449-211	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-211	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-211	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-211	1.0	NS	NS	1	FALSE
KAFB-106240-449	GW240-449-211	0.2	NS	NS	0.2	FALSE
KAFB-106240-449	GW240-449-211	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-211	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-211	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-211	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106240-449	GW240-449-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106240-449	GW240-449-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106240-449	GW240-449-211	750	700	15	700	FALSE
KAFB-106240-449	GW240-449-211	1,000	1000	1100	1,000	FALSE
KAFB-106240-449	GW240-449-211	620	10000	190	620	FALSE
KAFB-106240-449	GW240-449-211	10	5	4.6	5	FALSE
KAFB-106241-428	GW241-428-211	600	250	NS	250	FALSE
KAFB-106241-428	GW241-428-211	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-211	250	250	NS	250	FALSE
KAFB-106241-428	GW241-428-211	10	10	NS	10	FALSE

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106241-428	GW241-428-211	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-211	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-211	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-211	1.0	NS	NS	1	FALSE
KAFB-106241-428	GW241-428-211	0.2	NS	NS	0.2	FALSE
KAFB-106241-428	GW241-428-211	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-211	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-211	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-211	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106241-428	GW241-428-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106241-428	GW241-428-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106241-428	GW241-428-611	600	250	NS	250	FALSE
KAFB-106241-428	GW241-428-611	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-611	250	250	NS	250	FALSE
KAFB-106241-428	GW241-428-611	10	10	NS	10	FALSE
KAFB-106241-428	GW241-428-611	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-611	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-611	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-611	1.0	NS	NS	1	FALSE
KAFB-106241-428	GW241-428-611	0.2	NS	NS	0.2	FALSE
KAFB-106241-428	GW241-428-611	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-611	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-611	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-611	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-611	0.015	0.015	0.015	0.015	FALSE
KAFB-106241-428	GW241-428-611	0.01	0.01	0.00052	0.01	FALSE
KAFB-106241-428	GW241-428-611	0.05	0.05	0.075	0.05	FALSE
KAFB-106242-418	GW242-418-211	600	250	NS	250	FALSE
KAFB-106242-418	GW242-418-211	250	250	NS	250	FALSE
KAFB-106242-418	GW242-418-211	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-211	10	10	NS	10	FALSE
KAFB-106242-418	GW242-418-211	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-211	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-211	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-211	1.0	NS	NS	1	FALSE
KAFB-106242-418	GW242-418-211	0.2	NS	NS	0.2	FALSE
KAFB-106242-418	GW242-418-211	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-211	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-211	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-211	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106242-418	GW242-418-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106242-418	GW242-418-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106243-425	GW243-425-211	600	250	NS	250	FALSE
KAFB-106243-425	GW243-425-211	250	250	NS	250	FALSE
KAFB-106243-425	GW243-425-211	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-211	10	10	NS	10	FALSE
KAFB-106243-425	GW243-425-211	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-211	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-211	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-211	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-211	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-211	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-211	NS	NS	NS	NS	FALSE

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106243-425	GW243-425-211	1.0	NS	NS	1	FALSE
KAFB-106243-425	GW243-425-211	0.2	NS	NS	0.2	FALSE
KAFB-106243-425	GW243-425-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106243-425	GW243-425-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106243-425	GW243-425-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106244-445	GW244-445-211	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-211	600	250	NS	250	FALSE
KAFB-106244-445	GW244-445-211	250	250	NS	250	FALSE
KAFB-106244-445	GW244-445-211	10	10	NS	10	FALSE
KAFB-106244-445	GW244-445-211	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-211	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-211	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-211	1.0	NS	NS	1	FALSE
KAFB-106244-445	GW244-445-211	0.2	NS	NS	0.2	FALSE
KAFB-106244-445	GW244-445-211	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-211	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-211	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-211	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106244-445	GW244-445-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106244-445	GW244-445-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106244-445	GW244-445-211	750	700	15	700	FALSE
KAFB-106244-445	GW244-445-211	1,000	1000	1100	1,000	FALSE
KAFB-106244-445	GW244-445-211	620	10000	190	620	FALSE
KAFB-106244-445	GW244-445-211	10	5	4.6	5	FALSE
KAFB-106245-460	GW245-460-211	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-211	600	250	NS	250	FALSE
KAFB-106245-460	GW245-460-211	250	250	NS	250	FALSE
KAFB-106245-460	GW245-460-211	250	250	NS	250	FALSE
KAFB-106245-460	GW245-460-211	10	10	NS	10	FALSE
KAFB-106245-460	GW245-460-211	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-211	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-211	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-211	1.0	NS	NS	1	FALSE
KAFB-106245-460	GW245-460-211	0.2	NS	NS	0.2	FALSE
KAFB-106245-460	GW245-460-211	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-211	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-211	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-211	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106245-460	GW245-460-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106245-460	GW245-460-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106245-460	GW245-460-211	750	700	15	700	FALSE
KAFB-106245-460	GW245-460-211	1,000	1000	1100	1,000	FALSE
KAFB-106245-460	GW245-460-211	620	10000	190	620	FALSE
KAFB-106245-460	GW245-460-211	10	5	4.6	5	FALSE
KAFB-106247-450	GW247-450-211	600	250	NS	250	FALSE
KAFB-106247-450	GW247-450-211	250	250	NS	250	FALSE
KAFB-106247-450	GW247-450-211	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-211	10	10	NS	10	FALSE
KAFB-106247-450	GW247-450-211	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-211	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-211	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-211	1.0	NS	NS	1	FALSE
KAFB-106247-450	GW247-450-211	0.2	NS	NS	0.2	FALSE
KAFB-106247-450	GW247-450-211	NS	NS	NS	NS	FALSE

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106247-450	GW247-450-211	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-211	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-211	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106247-450	GW247-450-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106247-450	GW247-450-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106247-450	GW247-450-211	750	700	15	700	FALSE
KAFB-106247-450	GW247-450-211	1,000	1000	1100	1,000	FALSE
KAFB-106247-450	GW247-450-211	620	10000	190	620	FALSE
KAFB-106247-450	GW247-450-211	10	5	4.6	5	FALSE
KAFB-106247-450	GW247-450-611	600	250	NS	250	FALSE
KAFB-106247-450	GW247-450-611	250	250	NS	250	FALSE
KAFB-106247-450	GW247-450-611	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	10	10	NS	10	FALSE
KAFB-106247-450	GW247-450-611	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	1.0	NS	NS	1	FALSE
KAFB-106247-450	GW247-450-611	0.2	NS	NS	0.2	FALSE
KAFB-106247-450	GW247-450-611	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	0.015	0.015	0.015	0.015	FALSE
KAFB-106247-450	GW247-450-611	0.01	0.01	0.00052	0.01	FALSE
KAFB-106247-450	GW247-450-611	0.05	0.05	0.075	0.05	FALSE
KAFB-106098	GW098-211	750	700	15	700	FALSE
KAFB-106098	GW098-211	1,000	1000	1100	1,000	FALSE
KAFB-106098	GW098-211	620	10000	190	620	FALSE
KAFB-106098	GW098-211	10	5	4.6	5	FALSE
KAFB-106099	GW099-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106099	GW099-211	750	700	15	700	FALSE
KAFB-106099	GW099-211	1,000	1000	1100	1,000	FALSE
KAFB-106099	GW099-211	620	10000	190	620	FALSE
KAFB-106099	GW099-211	10	5	4.6	5	FALSE
KAFB-106100	GW100-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106100	GW100-211	750	700	15	700	FALSE
KAFB-106100	GW100-211	1,000	1000	1100	1,000	FALSE
KAFB-106100	GW100-211	620	10000	190	620	FALSE
KAFB-106100	GW100-211	10	5	4.6	5	FALSE
KAFB-106101	GW101-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106101	GW101-211	750	700	15	700	FALSE
KAFB-106101	GW101-211	1,000	1000	1100	1,000	FALSE
KAFB-106101	GW101-211	620	10000	190	620	FALSE
KAFB-106101	GW101-211	10	5	4.6	5	FALSE
KAFB-106101	GW101-611	0.05	0.05	0.075	0.05	FALSE
KAFB-106101	GW101-611	750	700	15	700	FALSE
KAFB-106101	GW101-611	1,000	1000	1100	1,000	FALSE
KAFB-106101	GW101-611	620	10000	190	620	FALSE
KAFB-106101	GW101-611	10	5	4.6	5	FALSE
KAFB-106102	GW102-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106102	GW102-211	750	700	15	700	FALSE
KAFB-106102	GW102-211	1,000	1000	1100	1,000	FALSE
KAFB-106102	GW102-211	620	10000	190	620	FALSE
KAFB-106102	GW102-211	10	5	4.6	5	FALSE

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106149-484	GW149-484-211	600	250	NS	250	FALSE
KAFB-106149-484	GW149-484-211	250	250	NS	250	FALSE
KAFB-106149-484	GW149-484-211	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-211	10	10	NS	10	FALSE
KAFB-106149-484	GW149-484-211	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-211	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-211	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-211	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-211	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-211	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-211	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-211	1.0	NS	NS	1	FALSE
KAFB-106149-484	GW149-484-211	0.2	NS	NS	0.2	FALSE
KAFB-106149-484	GW149-484-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106149-484	GW149-484-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106149-484	GW149-484-211	0.05	0.05	0.075	0.05	TRUE
KAFB-106151-484	GW151-484-211	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-211	600	250	NS	250	FALSE
KAFB-106151-484	GW151-484-211	250	250	NS	250	FALSE
KAFB-106151-484	GW151-484-211	10	10	NS	10	FALSE
KAFB-106151-484	GW151-484-211	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-211	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-211	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-211	1.0	NS	NS	1	FALSE
KAFB-106151-484	GW151-484-211	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-211	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-211	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-211	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-211	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-211	0.2	NS	NS	0.2	FALSE
KAFB-106151-484	GW151-484-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106151-484	GW151-484-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106151-484	GW151-484-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106152-484	GW152-484-211	600	250	NS	250	FALSE
KAFB-106152-484	GW152-484-211	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-211	250	250	NS	250	FALSE
KAFB-106152-484	GW152-484-211	10	10	NS	10	FALSE
KAFB-106152-484	GW152-484-211	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-211	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-211	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	750	700	15	700	FALSE
KAFB-106247-450	GW247-450-611	1,000	1000	1100	1,000	FALSE
KAFB-106247-450	GW247-450-611	620	10000	190	620	FALSE
KAFB-106247-450	GW247-450-611	10	5	4.6	5	FALSE
KAFB-106S10-443	GWS10-443-211	600	250	NS	250	FALSE
KAFB-106S10-443	GWS10-443-211	250	250	NS	250	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	10	10	NS	10	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	0.2	NS	NS	0.2	FALSE
KAFB-106S10-443	GWS10-443-211	1.0	NS	NS	1	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	NS	NS	FALSE

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Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S10-443	GWS10-443-211	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106S10-443	GWS10-443-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S10-443	GWS10-443-211	0.05	0.05	0.075	0.05	TRUE
KAFB-106S10-443	GWS10-443-211	NS	NS	550	550	TRUE
KAFB-106S10-443	GWS10-443-211	NS	NS	1300	1300	FALSE
KAFB-106S10-443	GWS10-443-211	750	700	15	700	FALSE
KAFB-106S10-443	GWS10-443-211	NS	100	1200	100	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	4.7	4.7	TRUE
KAFB-106S10-443	GWS10-443-211	NS	NS	4.7	4.7	TRUE
KAFB-106S10-443	GWS10-443-211	NS	NS	660	660	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	1000	1000	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	250	250	FALSE
KAFB-106S10-443	GWS10-443-211	NS	75	4.8	75	FALSE
KAFB-106S10-443	GWS10-443-211	0.05	0.05	0.075	0.05	TRUE
KAFB-106S10-443	GWS10-443-211	NS	NS	0.042	100	TRUE
KAFB-106S10-443	GWS10-443-211	10	5	1.7	5	TRUE
KAFB-106S10-443	GWS10-443-211	NS	NS	0.52	20	TRUE
KAFB-106S10-443	GWS10-443-211	NS	NS	410	410	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	6300	1200	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	60	120	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	62	62	FALSE
KAFB-106S10-443	GWS10-443-211	NS	100	78	100	FALSE
KAFB-106S10-443	GWS10-443-211	NS	70	11	70	FALSE
KAFB-106S10-443	GWS10-443-211	NS	80	1.7	80	FALSE
KAFB-106S10-443	GWS10-443-211	20	5	110	5	TRUE
KAFB-106S10-443	GWS10-443-211	620	10000	190	620	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	2000	2000	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	370	370	FALSE
KAFB-106S10-443	GWS10-443-211	NS	70	36	70	FALSE
KAFB-106S10-443	GWS10-443-211	NS	100	68	100	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	140	140	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	190	10000	FALSE
KAFB-106S10-443	GWS10-443-211	NS	600	300	600	FALSE
KAFB-106S10-443	GWS10-443-211	10	5	0.46	5	TRUE
KAFB-106S10-443	GWS10-443-211	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	38	38	TRUE
KAFB-106S10-443	GWS10-443-211	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	5.7	5.7	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	14000	14000	FALSE
KAFB-106S10-443	GWS10-443-211	100	80	2.2	80	FALSE
KAFB-106S10-443	GWS10-443-211	60	200	8000	60	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	7.5	7.5	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	190	190	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	8	8	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	83	83	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	21000	21000	FALSE
KAFB-106S10-443	GWS10-443-211	2	2	0.19	2	TRUE
KAFB-106S10-443	GWS10-443-211	100	5	110	5	TRUE
KAFB-106S10-443	GWS10-443-211	NS	NS	810	810	FALSE
KAFB-106S10-443	GWS10-443-211	NS	80	33	80	FALSE
KAFB-106S10-443	GWS10-443-211	NS	80	1.3	80	FALSE
KAFB-106S10-443	GWS10-443-211	25	NS	2.8	25	FALSE
KAFB-106S10-443	GWS10-443-211	5	7	280	5	TRUE
KAFB-106S10-443	GWS10-443-211	NS	NS	5200	1100	FALSE

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Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S10-443	GWS10-443-211	NS	NS	200	200	FALSE
KAFB-106S10-443	GWS10-443-211	NS	5	8.25	5	TRUE
KAFB-106S10-443	GWS10-443-211	NS	NS	5600	5600	FALSE
KAFB-106S10-443	GWS10-443-211	10	5	2.8	5	TRUE
KAFB-106S10-443	GWS10-443-211	100	5	4.9	5	TRUE
KAFB-106S10-443	GWS10-443-211	10	NS	0.76	10	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	7	7	TRUE
KAFB-106S10-443	GWS10-443-211	NS	NS	1.4	5	TRUE
KAFB-106S10-443	GWS10-443-211	30	NS	1.2	30	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	190	10000	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	240	240	FALSE
KAFB-106S10-443	GWS10-443-211	NS	600	300	600	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	56	56	FALSE
KAFB-106S10-443	GWS10-443-211	NS	0.2	0.0033	5	TRUE
KAFB-106S10-443	GWS10-443-211	NS	NS	0.0075	5	TRUE
KAFB-106S10-443	GWS10-443-211	NS	NS	690	690	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	450	450	FALSE
KAFB-106S10-443	GWS10-443-211	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	10	5	4.6	5	TRUE
KAFB-106S10-443	GWS10-443-211	1,000	1000	1100	1,000	FALSE
KAFB-106S1-447	GWS1-447-211	600	250	NS	250	FALSE
KAFB-106S1-447	GWS1-447-211	250	250	NS	250	FALSE
KAFB-106S1-447	GWS1-447-211	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-211	10	10	NS	10	FALSE
KAFB-106S1-447	GWS1-447-211	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-211	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-211	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-211	1.0	NS	NS	1	FALSE
KAFB-106S1-447	GWS1-447-211	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-211	1.0	NS	NS	1	FALSE
KAFB-106S1-447	GWS1-447-211	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-211	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-211	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-211	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-211	0.2	NS	NS	0.2	FALSE
KAFB-106S1-447	GWS1-447-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106S1-447	GWS1-447-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S1-447	GWS1-447-211	0.05	0.05	0.075	0.05	TRUE
KAFB-106S1-447	GWS1-447-211	750	700	15	700	FALSE
KAFB-106S1-447	GWS1-447-211	620	10000	190	620	FALSE
KAFB-106S1-447	GWS1-447-211	1,000	1000	1100	1,000	FALSE
KAFB-106S1-447	GWS1-447-211	10	5	4.6	5	TRUE
KAFB-106S2-451	GWS2-451-211	600	250	NS	250	FALSE
KAFB-106S2-451	GWS2-451-211	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-211	250	250	NS	250	FALSE
KAFB-106S2-451	GWS2-451-211	10	10	NS	10	FALSE
KAFB-106S2-451	GWS2-451-211	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-211	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-211	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-211	1.0	NS	NS	1	FALSE
KAFB-106S2-451	GWS2-451-211	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-211	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-211	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-211	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-211	0.2	NS	NS	0.2	FALSE
KAFB-106S2-451	GWS2-451-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106S2-451	GWS2-451-211	0.01	0.01	0.00052	0.01	FALSE

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S2-451	GWS2-451-211	0.05	0.05	0.075	0.05	TRUE
KAFB-106S2-451	GWS2-451-211	750	700	15	700	FALSE
KAFB-106S2-451	GWS2-451-211	1,000	1000	1100	1,000	FALSE
KAFB-106S2-451	GWS2-451-211	620	10000	190	620	FALSE
KAFB-106S2-451	GWS2-451-211	10	5	4.6	5	TRUE
KAFB-106S3-449	GWS3-449-211	600	250	NS	250	FALSE
KAFB-106S3-449	GWS3-449-211	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-211	250	250	NS	250	FALSE
KAFB-106S3-449	GWS3-449-211	10	10	NS	10	FALSE
KAFB-106S3-449	GWS3-449-211	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-211	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-211	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-211	1.0	NS	NS	1	FALSE
KAFB-106S3-449	GWS3-449-211	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-211	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-211	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-211	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-211	0.2	NS	NS	0.2	FALSE
KAFB-106S3-449	GWS3-449-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106S3-449	GWS3-449-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S3-449	GWS3-449-211	0.05	0.05	0.075	0.05	TRUE
KAFB-106S3-449	GWS3-449-211	750	700	15	700	FALSE
KAFB-106S3-449	GWS3-449-211	1,000	1000	1100	1,000	FALSE
KAFB-106S3-449	GWS3-449-211	620	10000	190	620	FALSE
KAFB-106S3-449	GWS3-449-211	10	5	4.6	5	TRUE
KAFB-106S4-446	GWS4-446-211	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-211	600	250	NS	250	FALSE
KAFB-106S4-446	GWS4-446-211	250	250	NS	250	FALSE
KAFB-106S4-446	GWS4-446-211	10	10	NS	10	FALSE
KAFB-106S4-446	GWS4-446-211	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-211	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-211	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-211	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-211	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-211	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-211	1.0	NS	NS	1	FALSE
KAFB-106S4-446	GWS4-446-211	0.2	NS	NS	0.2	FALSE
KAFB-106S4-446	GWS4-446-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106S4-446	GWS4-446-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S4-446	GWS4-446-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106S4-446	GWS4-446-211	750	700	15	700	FALSE
KAFB-106S4-446	GWS4-446-211	1,000	1000	1100	1,000	FALSE
KAFB-106S4-446	GWS4-446-211	620	10000	190	620	FALSE
KAFB-106S4-446	GWS4-446-211	10	5	4.6	5	FALSE
KAFB-106S5-446	GWS5-446-211	600	250	NS	250	FALSE
KAFB-106S5-446	GWS5-446-211	250	250	NS	250	FALSE
KAFB-106S5-446	GWS5-446-211	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-211	10	10	NS	10	FALSE
KAFB-106S5-446	GWS5-446-211	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-211	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-211	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-211	1.0	NS	NS	1	FALSE
KAFB-106S5-446	GWS5-446-211	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-211	NS	NS	NS	NS	FALSE

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Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S5-446	GWS5-446-211	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-211	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-211	0.2	NS	NS	0.2	FALSE
KAFB-106S5-446	GWS5-446-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106S5-446	GWS5-446-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S5-446	GWS5-446-211	0.05	0.05	0.075	0.05	TRUE
KAFB-106S5-446	GWS5-446-211	750	700	15	700	FALSE
KAFB-106S5-446	GWS5-446-211	1,000	1000	1100	1,000	FALSE
KAFB-106S5-446	GWS5-446-211	620	10000	190	620	FALSE
KAFB-106S5-446	GWS5-446-211	10	5	4.6	5	TRUE
KAFB-106S7-451	GWS7-451-211	600	250	NS	250	FALSE
KAFB-106S7-451	GWS7-451-211	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-211	250	250	NS	250	FALSE
KAFB-106S7-451	GWS7-451-211	10	10	NS	10	FALSE
KAFB-106S7-451	GWS7-451-211	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-211	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-211	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-211	1.0	NS	NS	1	FALSE
KAFB-106S7-451	GWS7-451-211	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-211	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-211	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-211	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-211	0.2	NS	NS	0.2	FALSE
KAFB-106S7-451	GWS7-451-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106S7-451	GWS7-451-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S7-451	GWS7-451-211	0.05	0.05	0.075	0.05	TRUE
KAFB-106S7-451	GWS7-451-211	10	5	4.6	5	FALSE
KAFB-106S7-451	GWS7-451-211	750	700	15	700	FALSE
KAFB-106S7-451	GWS7-451-211	1,000	1000	1100	1,000	FALSE
KAFB-106S7-451	GWS7-451-211	620	10000	190	620	FALSE
KAFB-106S8-451	GWS8-451-211	600	250	NS	250	FALSE
KAFB-106S8-451	GWS8-451-211	250	250	NS	250	FALSE
KAFB-106S8-451	GWS8-451-211	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-211	10	10	NS	10	FALSE
KAFB-106S8-451	GWS8-451-211	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-211	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-211	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-211	1.0	NS	NS	1	FALSE
KAFB-106S8-451	GWS8-451-211	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-211	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-211	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-211	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-211	0.2	NS	NS	0.2	FALSE
KAFB-106S8-451	GWS8-451-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106S8-451	GWS8-451-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S8-451	GWS8-451-211	0.05	0.05	0.075	0.05	TRUE
KAFB-106S8-451	GWS8-451-211	750	700	15	700	FALSE
KAFB-106S8-451	GWS8-451-211	1,000	1000	1100	1,000	FALSE
KAFB-106S8-451	GWS8-451-211	620	10000	190	620	FALSE
KAFB-106S8-451	GWS8-451-211	10	5	4.6	5	TRUE
KAFB-106S9-447	GWS9-447-211	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-211	600	250	NS	250	FALSE
KAFB-106S9-447	GWS9-447-211	250	250	NS	250	FALSE
KAFB-106S9-447	GWS9-447-211	10	10	NS	10	FALSE
KAFB-106S9-447	GWS9-447-211	NS	NS	NS	NS	FALSE

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Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S9-447	GWS9-447-211	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-211	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-211	1.0	NS	NS	1	FALSE
KAFB-106S9-447	GWS9-447-211	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-211	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-211	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-211	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-211	0.2	NS	NS	0.2	FALSE
KAFB-106S9-447	GWS9-447-211	0.015	0.015	0.015	0.015	FALSE
KAFB-106S9-447	GWS9-447-211	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S9-447	GWS9-447-211	0.05	0.05	0.075	0.05	TRUE
KAFB-106S9-447	GWS9-447-211	750	700	15	700	FALSE
KAFB-106S9-447	GWS9-447-211	1,000	1000	1100	1,000	FALSE
KAFB-106S9-447	GWS9-447-211	620	10000	190	620	FALSE
KAFB-106S9-447	GWS9-447-211	10	5	4.6	5	TRUE
KAFB-106003	GW003-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106003	GW003-211	750	700	15	700	FALSE
KAFB-106003	GW003-211	1,000	1000	1100	1,000	FALSE
KAFB-106003	GW003-211	620	10000	190	620	FALSE
KAFB-106003	GW003-211	10	5	4.6	5	FALSE
KAFB-106004	GW004-211	0.05	0.05	0.075	0.05	FALSE
KAFB-106004	GW004-211	750	700	15	700	FALSE
KAFB-106004	GW004-211	1,000	1000	1100	1,000	FALSE
KAFB-106004	GW004-211	620	10000	190	620	FALSE
KAFB-106004	GW004-211	10	5	4.6	5	FALSE
KAFB-106005	GW005-211	600	250	NS	250	FALSE
KAFB-106005	GW005-211	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-211	250	250	NS	250	FALSE
KAFB-106005	GW005-211	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-211	250	250	NS	250	FALSE
KAFB-106005	GW005-211	10	10	NS	10	FALSE
KAFB-106005	GW005-211	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-211	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-211	NS	NS	NS	NS	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	NS	NS	FALSE
KAFB-106063	106063-LTM-01112	0.015	0.015	0.015	0.015	FALSE
KAFB-106063	106063-LTM-01112	1	NS	NS	1	FALSE
KAFB-106063	106063-LTM-01112	0.2	NS	NS	0.2	TRUE
KAFB-106063	106063-LTM-01112	0.05	0.05	0.075	0.05	FALSE
KAFB-106063	106063-LTM-01112	750	700	15	700	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	660	660	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	1000	1000	FALSE
KAFB-106063	106063-LTM-01112	0.05	0.05	0.075	0.05	TRUE
KAFB-106063	106063-LTM-01112	10	5	1.7	5	TRUE
KAFB-106063	106063-LTM-01112	NS	NS	6300	1200	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	60	120	FALSE
KAFB-106063	106063-LTM-01112	1,000	1000	1100	1,000	FALSE
KAFB-106063	106063-LTM-01112	NS	70	11	70	FALSE
KAFB-106063	106063-LTM-01112	20	5	110	5	TRUE
KAFB-106063	106063-LTM-01112	620	10000	190	620	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	2000	2000	FALSE
KAFB-106063	106063-LTM-01112	NS	70	36	70	FALSE
KAFB-106063	106063-LTM-01112	NS	100	68	100	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	140	140	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	190	10000	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	38	38	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	14000	14000	FALSE

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106063	106063-LTM-01112	10	5	4.6	5	TRUE
KAFB-106063	106063-LTM-01112	NS	NS	190	190	FALSE
KAFB-106063	106063-LTM-01112	2	2	0.19	2	TRUE
KAFB-106063	106063-LTM-01112	100	5	110	5	TRUE
KAFB-106063	106063-LTM-01112	NS	NS	810	810	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	5200	1100	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	200	200	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	5600	5600	FALSE
KAFB-106063	106063-LTM-01112	10	5	2.8	5	TRUE
KAFB-106063	106063-LTM-01112	100	5	4.9	5	TRUE
KAFB-106063	106063-LTM-01112	30	NS	1.2	30	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	190	10000	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	240	240	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	690	690	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	450	450	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	NS	NS	FALSE
KAFB-106063	106063-LTM-01112	600	250	NS	600	FALSE
KAFB-106063	106063-LTM-01112	250	250	NS	250	FALSE
KAFB-106063	106063-LTM-01112	NS	NS	NS	NS	FALSE
KAFB-106063	106063-LTM-01112	10	10	NS	10	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	NS	NS	FALSE
KAFB-106064	106064-LTM-01112	0.015	0.015	0.015	0.015	FALSE
KAFB-106064	106064-LTM-01112	1	NS	NS	1	FALSE
KAFB-106064	106064-LTM-01112	0.2	NS	NS	0.2	TRUE
KAFB-106064	106064-LTM-01112	0.05	0.05	0.075	0.05	FALSE
KAFB-106064	106064-LTM-01112	750	700	15	700	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	660	660	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	1000	1000	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	1000	1000	FALSE
KAFB-106064	106064-LTM-01112	0.05	0.05	0.075	0.05	TRUE
KAFB-106064	106064-LTM-01112	10	5	1.7	5	TRUE
KAFB-106064	106064-LTM-01112	NS	NS	6300	1200	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	60	120	FALSE
KAFB-106064	106064-LTM-01112	1,000	1000	1100	1,000	FALSE
KAFB-106064	106064-LTM-01112	NS	70	11	70	FALSE
KAFB-106064	106064-LTM-01112	20	5	110	5	TRUE
KAFB-106064	106064-LTM-01112	620	10000	190	620	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	2000	2000	FALSE
KAFB-106064	106064-LTM-01112	NS	70	36	70	FALSE
KAFB-106064	106064-LTM-01112	NS	100	68	100	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	140	140	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	190	10000	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	38	38	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	14000	14000	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	190	190	FALSE
KAFB-106064	106064-LTM-01112	2	2	0.19	2	TRUE
KAFB-106064	106064-LTM-01112	100	5	110	5	TRUE
KAFB-106064	106064-LTM-01112	NS	NS	810	810	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	5200	1100	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	200	200	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	5600	5600	FALSE
KAFB-106064	106064-LTM-01112	10	5	2.8	5	TRUE
KAFB-106064	106064-LTM-01112	100	5	4.9	5	TRUE
KAFB-106064	106064-LTM-01112	30	NS	1.2	30	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	190	10000	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	240	240	FALSE

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Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106064	106064-LTM-01112	NS	NS	690	690	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	450	450	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	NS	NS	FALSE
KAFB-106064	106064-LTM-01112	10	5	4.6	5	TRUE
KAFB-106064	106064-LTM-01112	600	250	NS	600	FALSE
KAFB-106064	106064-LTM-01112	250	250	NS	250	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	NS	NS	FALSE
KAFB-106064	106064-LTM-01112	10	10	NS	10	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	NS	NS	FALSE
KAFB-106064	106064-LTM-01112	0.015	0.015	0.015	0.015	FALSE
KAFB-106064	106064-LTM-01112	1	NS	NS	1	FALSE
KAFB-106064	106064-LTM-01112	0.2	NS	NS	0.2	TRUE
KAFB-106064	106064-LTM-01112	0.05	0.05	0.075	0.05	FALSE
KAFB-106064	106064-LTM-01112	750	700	15	700	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	660	660	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	1000	1000	FALSE
KAFB-106064	106064-LTM-01112	0.05	0.05	0.075	0.05	TRUE
KAFB-106064	106064-LTM-01112	10	5	1.7	5	TRUE
KAFB-106064	106064-LTM-01112	NS	NS	6300	1200	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	60	120	FALSE
KAFB-106064	106064-LTM-01112	1,000	1000	1100	1,000	FALSE
KAFB-106064	106064-LTM-01112	NS	70	11	70	FALSE
KAFB-106064	106064-LTM-01112	20	5	110	5	TRUE
KAFB-106064	106064-LTM-01112	620	10000	190	620	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	2000	2000	FALSE
KAFB-106064	106064-LTM-01112	NS	70	36	70	FALSE
KAFB-106064	106064-LTM-01112	NS	100	68	100	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	140	140	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	140	140	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	190	10000	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	38	38	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	14000	14000	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	190	190	FALSE
KAFB-106064	106064-LTM-01112	2	2	0.19	2	TRUE
KAFB-106064	106064-LTM-01112	100	5	110	5	TRUE
KAFB-106064	106064-LTM-01112	NS	NS	810	810	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	5200	1100	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	200	200	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	5600	5600	FALSE
KAFB-106064	106064-LTM-01112	10	5	2.8	5	TRUE
KAFB-106064	106064-LTM-01112	100	5	4.9	5	TRUE
KAFB-106064	106064-LTM-01112	30	NS	1.2	30	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	190	10000	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	240	240	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	690	690	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	450	450	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	NS	NS	FALSE
KAFB-106064	106064-LTM-01112	10	5	4.6	5	TRUE
KAFB-106064	106064-LTM-01112	10	10	NS	10	FALSE
KAFB-106064	106064-LTM-01112	600	250	NS	600	FALSE
KAFB-106064	106064-LTM-01112	250	250	NS	250	FALSE
KAFB-106064	106064-LTM-01112	NS	NS	NS	NS	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	140	140	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	190	10000	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	38	38	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	14000	14000	FALSE

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	190	190	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	2	2	0.19	2	TRUE
KAFB-106MW1-S	106MW1S-LTM-011	100	5	110	5	TRUE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	810	810	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	5200	1100	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	200	200	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	5600	5600	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	10	5	2.8	5	TRUE
KAFB-106MW1-S	106MW1S-LTM-011	100	5	4.9	5	TRUE
KAFB-106MW1-S	106MW1S-LTM-011	30	NS	1.2	30	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	190	10000	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	240	240	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	690	690	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	450	450	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	NS	NS	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	1,000	1000	1100	1,000	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	10	5	4.6	5	TRUE
KAFB-106MW1-S	106MW1S-LTM-011	600	250	NS	600	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	250	250	NS	250	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	NS	NS	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	10	10	NS	10	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	NS	NS	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	0.015	0.015	0.015	0.015	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	1	NS	NS	1	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	0.2	NS	NS	0.2	TRUE
KAFB-106MW2-I	106MW-2I-LTM-011	0.05	0.05	0.075	0.05	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	750	700	15	700	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	660	660	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	1000	1000	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	0.05	0.05	0.075	0.05	TRUE
KAFB-106MW2-I	106MW-2I-LTM-011	10	5	1.7	5	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	6300	1200	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	60	120	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	1,000	1000	1100	1,000	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	70	11	70	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	20	5	110	5	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	620	10000	190	620	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	2000	2000	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	70	36	70	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	100	68	100	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	140	140	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	190	10000	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	38	38	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	14000	14000	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	10	5	4.6	5	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	190	190	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	2	2	0.19	2	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	100	5	110	5	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	810	810	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	5200	1100	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	200	200	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	5600	5600	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	10	5	2.8	5	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	100	5	4.9	5	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	30	NS	1.2	30	FALSE

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Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	190	10000	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	240	240	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	690	690	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	450	450	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	NS	NS	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	600	250	NS	600	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	NS	NS	NS	NS	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	10	10	NS	10	FALSE
KAFB-106MW2-I	106MW-2I-LTM-011	250	250	NS	250	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	NS	NS	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	0.015	0.015	0.015	0.015	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	1	NS	NS	1	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	0.2	NS	NS	0.2	TRUE
KAFB-106MW2-S	106MW2S-LTM-011	0.05	0.05	0.075	0.05	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	10	5	4.6	5	TRUE
KAFB-106MW2-S	106MW2S-LTM-011	750	700	15	700	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	660	660	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	1000	1000	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	0.05	0.05	0.075	0.05	TRUE
KAFB-106MW2-S	106MW2S-LTM-011	10	5	1.7	5	TRUE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	6300	1200	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	60	120	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	1,000	1000	1100	1,000	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	70	11	70	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	20	5	110	5	TRUE
KAFB-106MW2-S	106MW2S-LTM-011	620	10000	190	620	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	2000	2000	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	70	36	70	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	100	68	100	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	140	140	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	190	10000	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	38	38	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	14000	14000	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	190	190	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	2	2	0.19	2	TRUE
KAFB-106MW2-S	106MW2S-LTM-011	100	5	110	5	TRUE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	810	810	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	5200	1100	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	200	200	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	5600	5600	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	10	5	2.8	5	TRUE
KAFB-106MW2-S	106MW2S-LTM-011	100	5	4.9	5	TRUE
KAFB-106MW2-S	106MW2S-LTM-011	30	NS	1.2	30	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	190	10000	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	240	240	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	690	690	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	450	450	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	NS	NS	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	600	250	NS	600	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	250	250	NS	250	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	NS	NS	NS	NS	FALSE
KAFB-106MW2-S	106MW2S-LTM-011	10	10	NS	10	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	NS	NS	FALSE
KAFB-106EX1	106EX1-LTM-01122	0.015	0.015	0.015	0.015	FALSE
KAFB-106EX1	106EX1-LTM-01122	1	NS	NS	1	FALSE

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106EX1	106EX1-LTM-01122	0.2	NS	NS	0.2	TRUE
KAFB-106EX1	106EX1-LTM-01122	0.05	0.05	0.075	0.05	FALSE
KAFB-106EX1	106EX1-LTM-01122	750	700	15	700	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	660	660	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	1000	1000	FALSE
KAFB-106EX1	106EX1-LTM-01122	0.05	0.05	0.075	0.05	TRUE
KAFB-106EX1	106EX1-LTM-01122	10	5	1.7	5	TRUE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	6300	1200	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	60	120	FALSE
KAFB-106EX1	106EX1-LTM-01122	1,000	1000	1100	1,000	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	70	11	70	FALSE
KAFB-106EX1	106EX1-LTM-01122	20	5	110	5	TRUE
KAFB-106EX1	106EX1-LTM-01122	620	10000	190	620	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	2000	2000	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	70	36	70	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	100	68	100	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	140	140	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	190	10000	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	38	38	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	14000	14000	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	190	190	FALSE
KAFB-106EX1	106EX1-LTM-01122	2	2	0.19	2	TRUE
KAFB-106EX1	106EX1-LTM-01122	100	5	110	5	TRUE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	810	810	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	5200	1100	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	200	200	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	5600	5600	FALSE
KAFB-106EX1	106EX1-LTM-01122	10	5	2.8	5	TRUE
KAFB-106EX1	106EX1-LTM-01122	100	5	4.9	5	TRUE
KAFB-106EX1	106EX1-LTM-01122	30	NS	1.2	30	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	190	10000	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	240	240	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	690	690	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	450	450	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	NS	NS	FALSE
KAFB-106EX1	106EX1-LTM-01122	10	5	4.6	5	TRUE
KAFB-106EX1	106EX1-LTM-01122	600	250	NS	600	FALSE
KAFB-106EX1	106EX1-LTM-01122	250	250	NS	250	FALSE
KAFB-106EX1	106EX1-LTM-01122	NS	NS	NS	NS	FALSE
KAFB-106EX1	106EX1-LTM-01122	10	10	NS	10	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	NS	NS	FALSE
KAFB-106EX2	106EX2-LTM-01112	0.015	0.015	0.015	0.015	FALSE
KAFB-106EX2	106EX2-LTM-01112	1	NS	NS	1	FALSE
KAFB-106EX2	106EX2-LTM-01112	0.2	NS	NS	0.2	TRUE
KAFB-106EX2	106EX2-LTM-01112	0.05	0.05	0.075	0.05	FALSE
KAFB-106EX2	106EX2-LTM-01112	750	700	15	700	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	660	660	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	1000	1000	FALSE
KAFB-106EX2	106EX2-LTM-01112	0.05	0.05	0.075	0.05	TRUE
KAFB-106EX2	106EX2-LTM-01112	10	5	1.7	5	TRUE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	6300	1200	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	60	120	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	70	11	70	FALSE
KAFB-106EX2	106EX2-LTM-01112	20	5	110	5	TRUE
KAFB-106EX2	106EX2-LTM-01112	620	10000	190	620	FALSE

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106EX2	106EX2-LTM-01112	NS	NS	2000	2000	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	70	36	70	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	100	68	100	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	140	140	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	190	10000	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	38	38	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	14000	14000	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	190	190	FALSE
KAFB-106EX2	106EX2-LTM-01112	2	2	0.19	2	TRUE
KAFB-106EX2	106EX2-LTM-01112	100	5	110	5	TRUE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	810	810	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	5200	1100	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	200	200	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	5600	5600	FALSE
KAFB-106EX2	106EX2-LTM-01112	10	5	2.8	5	TRUE
KAFB-106EX2	106EX2-LTM-01112	100	5	4.9	5	TRUE
KAFB-106EX2	106EX2-LTM-01112	30	NS	1.2	30	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	190	10000	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	240	240	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	690	690	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	450	450	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	NS	NS	FALSE
KAFB-106EX2	106EX2-LTM-01112	1,000	1000	1100	1,000	FALSE
KAFB-106EX2	106EX2-LTM-01112	10	5	4.6	5	TRUE
KAFB-106EX2	106EX2-LTM-01112	600	250	NS	600	FALSE
KAFB-106EX2	106EX2-LTM-01112	NS	NS	NS	NS	FALSE
KAFB-106EX2	106EX2-LTM-01112	10	10	NS	10	FALSE
KAFB-106EX2	106EX2-LTM-01112	250	250	NS	250	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	NS	NS	FALSE
KAFB-106IN1	106IN1-LTM-01122	0.015	0.015	0.015	0.015	FALSE
KAFB-106IN1	106IN1-LTM-01122	1	NS	NS	1	FALSE
KAFB-106IN1	106IN1-LTM-01122	0.2	NS	NS	0.2	TRUE
KAFB-106IN1	106IN1-LTM-01122	0.05	0.05	0.075	0.05	FALSE
KAFB-106IN1	106IN1-LTM-01122	750	700	15	700	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	660	660	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	1000	1000	FALSE
KAFB-106IN1	106IN1-LTM-01122	0.05	0.05	0.075	0.05	TRUE
KAFB-106IN1	106IN1-LTM-01122	10	5	1.7	5	TRUE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	6300	1200	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	60	120	FALSE
KAFB-106IN1	106IN1-LTM-01122	1,000	1000	1100	1,000	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	70	11	70	FALSE
KAFB-106IN1	106IN1-LTM-01122	20	5	110	5	TRUE
KAFB-106IN1	106IN1-LTM-01122	620	10000	190	620	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	2000	2000	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	70	36	70	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	100	68	100	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	140	140	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	190	10000	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	38	38	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	14000	14000	FALSE
KAFB-106IN1	106IN1-LTM-01122	10	5	4.6	5	TRUE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	190	190	FALSE
KAFB-106IN1	106IN1-LTM-01122	2	2	0.19	2	TRUE
KAFB-106IN1	106IN1-LTM-01122	100	5	110	5	TRUE

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106IN1	106IN1-LTM-01122	NS	NS	810	810	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	5200	1100	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	200	200	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	5600	5600	FALSE
KAFB-106IN1	106IN1-LTM-01122	10	5	2.8	5	TRUE
KAFB-106IN1	106IN1-LTM-01122	100	5	4.9	5	TRUE
KAFB-106IN1	106IN1-LTM-01122	30	NS	1.2	30	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	190	10000	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	240	240	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	690	690	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	450	450	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	NS	NS	FALSE
KAFB-106IN1	106IN1-LTM-01122	600	250	NS	600	FALSE
KAFB-106IN1	106IN1-LTM-01122	250	250	NS	250	FALSE
KAFB-106IN1	106IN1-LTM-01122	NS	NS	NS	NS	FALSE
KAFB-106IN1	106IN1-LTM-01122	10	10	NS	10	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	NS	NS	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	0.015	0.015	0.015	0.015	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	1	NS	NS	1	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	0.2	NS	NS	0.2	TRUE
KAFB-106MW1-I	106MW1I-LTM-0112	0.05	0.05	0.075	0.05	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	750	700	15	700	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	660	660	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	1000	1000	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	0.05	0.05	0.075	0.05	TRUE
KAFB-106MW1-I	106MW1I-LTM-0112	10	5	1.7	5	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	6300	1200	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	60	120	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	1,000	1000	1100	1,000	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	70	11	70	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	20	5	110	5	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	620	10000	190	620	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	2000	2000	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	70	36	70	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	100	68	100	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	140	140	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	190	10000	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	38	38	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	14000	14000	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	10	5	4.6	5	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	190	190	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	2	2	0.19	2	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	100	5	110	5	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	810	810	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	5200	1100	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	200	200	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	5600	5600	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	10	5	2.8	5	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	100	5	4.9	5	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	30	NS	1.2	30	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	190	10000	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	240	240	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	690	690	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	450	450	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	NS	NS	FALSE

Table D-1-1
Groundwater Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106MW1-I	106MW1I-LTM-0112	600	250	NS	600	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	250	250	NS	250	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	NS	NS	NS	NS	FALSE
KAFB-106MW1-I	106MW1I-LTM-0112	10	10	NS	10	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	NS	NS	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	0.015	0.015	0.015	0.015	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	1	NS	NS	1	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	0.2	NS	NS	0.2	TRUE
KAFB-106MW1-S	106MW1S-LTM-011	0.05	0.05	0.075	0.05	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	750	700	15	700	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	660	660	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	1000	1000	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	0.05	0.05	0.075	0.05	TRUE
KAFB-106MW1-S	106MW1S-LTM-011	10	5	1.7	5	TRUE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	6300	1200	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	60	120	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	70	11	70	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	20	5	110	5	TRUE
KAFB-106MW1-S	106MW1S-LTM-011	620	10000	190	620	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	NS	2000	2000	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	70	36	70	FALSE
KAFB-106MW1-S	106MW1S-LTM-011	NS	100	68	100	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106236-436	GW236-436-202	4/6/2020	N	441.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293749	E300.0
KAFB-106236-436	GW236-436-202	4/6/2020	N	441.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293749	E300.0
KAFB-106236-436	GW236-436-202	4/6/2020	N	441.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293749	E300.0
KAFB-106236-436	GW236-436-202	4/6/2020	N	441.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293749	E353.2
KAFB-106236-436	GW236-436-202	4/6/2020	N	441.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293749	SM2320B
KAFB-106236-436	GW236-436-202	4/6/2020	N	441.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293749	SM2320B
KAFB-106236-436	GW236-436-202	4/6/2020	N	441.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293749	SM2320B
KAFB-106236-436	GW236-436-202	4/6/2020	N	441.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293749	SW6010C
KAFB-106236-436	GW236-436-202	4/6/2020	N	441.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293749	SW6010C
KAFB-106236-436	GW236-436-202	4/6/2020	N	441.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293749	SW6010C
KAFB-106236-436	GW236-436-202	4/6/2020	N	441.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293749	SW6010C
KAFB-106236-436	GW236-436-202	4/6/2020	N	441.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293749	SW6020A
KAFB-106236-436	GW236-436-202	4/6/2020	N	441.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293749	SW6020A
KAFB-106236-436	GW236-436-202	4/6/2020	N	441.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293749	SW8011
KAFB-106236-436	GW236-436-202	4/6/2020	N	441.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293750	SW6010C
KAFB-106236-436	GW236-436-202	4/6/2020	N	441.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293750	SW6010C
KAFB-106236-470	GW236-470-202	4/6/2020	N	470.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293747	E300.0
KAFB-106236-470	GW236-470-202	4/6/2020	N	470.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293747	E300.0
KAFB-106236-470	GW236-470-202	4/6/2020	N	470.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293747	E300.0
KAFB-106236-470	GW236-470-202	4/6/2020	N	470.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293747	E353.2
KAFB-106236-470	GW236-470-202	4/6/2020	N	470.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293747	SM2320B
KAFB-106236-470	GW236-470-202	4/6/2020	N	470.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293747	SM2320B
KAFB-106236-470	GW236-470-202	4/6/2020	N	470.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293747	SM2320B
KAFB-106236-470	GW236-470-202	4/6/2020	N	470.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293747	SW6010C
KAFB-106236-470	GW236-470-202	4/6/2020	N	470.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293747	SW6010C
KAFB-106236-470	GW236-470-202	4/6/2020	N	470.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293747	SW6010C
KAFB-106236-470	GW236-470-202	4/6/2020	N	470.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293747	SW6010C
KAFB-106236-470	GW236-470-202	4/6/2020	N	470.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293747	SW6020A
KAFB-106236-470	GW236-470-202	4/6/2020	N	470.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293747	SW6020A
KAFB-106236-470	GW236-470-202	4/6/2020	N	470.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293747	SW8011
KAFB-106236-470	GW236-470-202	4/6/2020	N	470.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293748	SW6010C
KAFB-106236-470	GW236-470-202	4/6/2020	N	470.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293748	SW6010C
KAFB-106087	GW087-202	4/6/2020	N	546.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293711	E300.0
KAFB-106087	GW087-202	4/6/2020	N	546.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293711	E300.0
KAFB-106087	GW087-202	4/6/2020	N	546.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293711	E300.0
KAFB-106087	GW087-202	4/6/2020	N	546.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293711	E353.2
KAFB-106087	GW087-202	4/6/2020	N	546.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293711	SM2320B
KAFB-106087	GW087-202	4/6/2020	N	546.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293711	SM2320B
KAFB-106087	GW087-202	4/6/2020	N	546.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293711	SM2320B
KAFB-106087	GW087-202	4/6/2020	N	546.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293711	SW6010C
KAFB-106087	GW087-202	4/6/2020	N	546.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293711	SW6010C
KAFB-106087	GW087-202	4/6/2020	N	546.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293711	SW6010C
KAFB-106087	GW087-202	4/6/2020	N	546.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293711	SW6010C
KAFB-106087	GW087-202	4/6/2020	N	546.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293711	SW6020A
KAFB-106087	GW087-202	4/6/2020	N	546.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293711	SW6020A
KAFB-106087	GW087-202	4/6/2020	N	546.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293711	SW8011
KAFB-106087	GW087-202	4/6/2020	N	546.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293712	SW6010C
KAFB-106087	GW087-202	4/6/2020	N	546.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293712	SW6010C
KAFB-106236-499	GW236-499-202	4/6/2020	N	499.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293763	E300.0
KAFB-106236-499	GW236-499-202	4/6/2020	N	499.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293763	E300.0
KAFB-106236-499	GW236-499-202	4/6/2020	N	499.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293763	E300.0
KAFB-106236-499	GW236-499-202	4/6/2020	N	499.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293763	E353.2
KAFB-106236-499	GW236-499-202	4/6/2020	N	499.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293763	SM2320B
KAFB-106236-499	GW236-499-202	4/6/2020	N	499.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293763	SM2320B
KAFB-106236-499	GW236-499-202	4/6/2020	N	499.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293763	SM2320B

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106236-499	GW236-499-202	4/6/2020	N	499.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293763	SW6010C
KAFB-106236-499	GW236-499-202	4/6/2020	N	499.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293763	SW6010C
KAFB-106236-499	GW236-499-202	4/6/2020	N	499.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293763	SW6010C
KAFB-106236-499	GW236-499-202	4/6/2020	N	499.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293763	SW6010C
KAFB-106236-499	GW236-499-202	4/6/2020	N	499.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293763	SW6020A
KAFB-106236-499	GW236-499-202	4/6/2020	N	499.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293763	SW6020A
KAFB-106236-499	GW236-499-202	4/6/2020	N	499.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293763	SW8011
KAFB-106236-499	GW236-499-202	4/6/2020	N	499.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293764	SW6010C
KAFB-106236-499	GW236-499-202	4/6/2020	N	499.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293764	SW6010C
KAFB-106086	GW086-202	4/6/2020	N	476.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293709	E300.0
KAFB-106086	GW086-202	4/6/2020	N	476.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293709	E300.0
KAFB-106086	GW086-202	4/6/2020	N	476.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293709	E300.0
KAFB-106086	GW086-202	4/6/2020	N	476.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293709	E353.2
KAFB-106086	GW086-202	4/6/2020	N	476.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293709	SM2320B
KAFB-106086	GW086-202	4/6/2020	N	476.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293709	SM2320B
KAFB-106086	GW086-202	4/6/2020	N	476.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293709	SM2320B
KAFB-106086	GW086-202	4/6/2020	N	476.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293709	SW6010C
KAFB-106086	GW086-202	4/6/2020	N	476.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293709	SW6010C
KAFB-106086	GW086-202	4/6/2020	N	476.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293709	SW6010C
KAFB-106086	GW086-202	4/6/2020	N	476.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293709	SW6010C
KAFB-106086	GW086-202	4/6/2020	N	476.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293709	SW6020A
KAFB-106086	GW086-202	4/6/2020	N	476.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293709	SW6020A
KAFB-106086	GW086-202	4/6/2020	N	476.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293709	SW8011
KAFB-106086	GW086-202	4/6/2020	N	476.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293710	SW6010C
KAFB-106086	GW086-202	4/6/2020	N	476.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293710	SW6010C
KAFB-106235-438	GW235-438-202	4/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293704	E300.0
KAFB-106235-438	GW235-438-202	4/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293704	E300.0
KAFB-106235-438	GW235-438-202	4/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293704	E300.0
KAFB-106235-438	GW235-438-202	4/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293704	E300.0
KAFB-106235-438	GW235-438-202	4/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293704	E353.2
KAFB-106235-438	GW235-438-202	4/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293704	SM2320B
KAFB-106235-438	GW235-438-202	4/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293704	SM2320B
KAFB-106235-438	GW235-438-202	4/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293704	SM2320B
KAFB-106235-438	GW235-438-202	4/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293704	SW6010C
KAFB-106235-438	GW235-438-202	4/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293704	SW6010C
KAFB-106235-438	GW235-438-202	4/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293704	SW6010C
KAFB-106235-438	GW235-438-202	4/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293704	SW6010C
KAFB-106235-438	GW235-438-202	4/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293704	SW6020A
KAFB-106235-438	GW235-438-202	4/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293704	SW6020A
KAFB-106235-438	GW235-438-202	4/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293704	SW8011
KAFB-106235-438	GW235-438-202	4/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293705	SW6010C
KAFB-106235-438	GW235-438-202	4/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	2Q2020	1293705	SW6010C
KAFB-106085	GW085-202	4/6/2020	N	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293734	E300.0
KAFB-106085	GW085-202	4/6/2020	N	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293734	E300.0
KAFB-106085	GW085-202	4/6/2020	N	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293734	E300.0
KAFB-106085	GW085-202	4/6/2020	N	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293734	E353.2
KAFB-106085	GW085-202	4/6/2020	N	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293734	SM2320B
KAFB-106085	GW085-202	4/6/2020	N	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293734	SM2320B
KAFB-106085	GW085-202	4/6/2020	N	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293734	SM2320B
KAFB-106085	GW085-202	4/6/2020	N	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293734	SW6010C
KAFB-106085	GW085-202	4/6/2020	N	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293734	SW6010C
KAFB-106085	GW085-202	4/6/2020	N	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293734	SW6010C
KAFB-106085	GW085-202	4/6/2020	N	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293734	SW6020A
KAFB-106085	GW085-202	4/6/2020	N	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293734	SW6020A
KAFB-106085	GW085-202	4/6/2020	N	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293734	SW8011

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106085	GW085-202	4/6/2020	N	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293735	SW6010C
KAFB-106085	GW085-202	4/6/2020	N	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293735	SW6010C
KAFB-106085	GW085-602	4/6/2020	FD	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293736	E300.0
KAFB-106085	GW085-602	4/6/2020	FD	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293736	E300.0
KAFB-106085	GW085-602	4/6/2020	FD	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293736	E300.0
KAFB-106085	GW085-602	4/6/2020	FD	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293736	E353.2
KAFB-106085	GW085-602	4/6/2020	FD	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293736	SM2320B
KAFB-106085	GW085-602	4/6/2020	FD	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293736	SM2320B
KAFB-106085	GW085-602	4/6/2020	FD	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293736	SM2320B
KAFB-106085	GW085-602	4/6/2020	FD	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293736	SW6010C
KAFB-106085	GW085-602	4/6/2020	FD	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293736	SW6010C
KAFB-106085	GW085-602	4/6/2020	FD	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293736	SW6010C
KAFB-106085	GW085-602	4/6/2020	FD	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293736	SW6010C
KAFB-106085	GW085-602	4/6/2020	FD	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293736	SW6020A
KAFB-106085	GW085-602	4/6/2020	FD	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293736	SW6020A
KAFB-106085	GW085-602	4/6/2020	FD	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293736	SW8011
KAFB-106085	GW085-602	4/6/2020	FD	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293737	SW6010C
KAFB-106085	GW085-602	4/6/2020	FD	447.2 ft	4857	North of Ridgecrest	WG	2Q2020	1293737	SW6010C
KAFB-106235-472	GW235-472-202	4/6/2020	N	472.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293752	E300.0
KAFB-106235-472	GW235-472-202	4/6/2020	N	472.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293752	E300.0
KAFB-106235-472	GW235-472-202	4/6/2020	N	472.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293752	E300.0
KAFB-106235-472	GW235-472-202	4/6/2020	N	472.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293752	E353.2
KAFB-106235-472	GW235-472-202	4/6/2020	N	472.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293752	SM2320B
KAFB-106235-472	GW235-472-202	4/6/2020	N	472.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293752	SM2320B
KAFB-106235-472	GW235-472-202	4/6/2020	N	472.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293752	SM2320B
KAFB-106235-472	GW235-472-202	4/6/2020	N	472.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293752	SW6010C
KAFB-106235-472	GW235-472-202	4/6/2020	N	472.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293752	SW6010C
KAFB-106235-472	GW235-472-202	4/6/2020	N	472.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293752	SW6010C
KAFB-106235-472	GW235-472-202	4/6/2020	N	472.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293752	SW6020A
KAFB-106235-472	GW235-472-202	4/6/2020	N	472.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293752	SW6020A
KAFB-106235-472	GW235-472-202	4/6/2020	N	472.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293752	SW8011
KAFB-106235-472	GW235-472-202	4/6/2020	N	472.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293756	SW6010C
KAFB-106235-472	GW235-472-202	4/6/2020	N	472.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293756	SW6010C
KAFB-106235-501	GW235-501-202	4/6/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293706	E300.0
KAFB-106235-501	GW235-501-202	4/6/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293706	E300.0
KAFB-106235-501	GW235-501-202	4/6/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293706	E300.0
KAFB-106235-501	GW235-501-202	4/6/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293706	E353.2
KAFB-106235-501	GW235-501-202	4/6/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293706	SM2320B
KAFB-106235-501	GW235-501-202	4/6/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293706	SM2320B
KAFB-106235-501	GW235-501-202	4/6/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293706	SM2320B
KAFB-106235-501	GW235-501-202	4/6/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293706	SW6010C
KAFB-106235-501	GW235-501-202	4/6/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293706	SW6010C
KAFB-106235-501	GW235-501-202	4/6/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293706	SW6010C
KAFB-106235-501	GW235-501-202	4/6/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293706	SW6010C
KAFB-106235-501	GW235-501-202	4/6/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293706	SW6020A
KAFB-106235-501	GW235-501-202	4/6/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293706	SW6020A
KAFB-106235-501	GW235-501-202	4/6/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293706	SW8011
KAFB-106235-501	GW235-501-202	4/6/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293707	SW6010C
KAFB-106235-501	GW235-501-202	4/6/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293707	SW6010C
KAFB-106231	GW231-202	4/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	2Q2020	1293761	E300.0
KAFB-106231	GW231-202	4/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	2Q2020	1293761	E300.0
KAFB-106231	GW231-202	4/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	2Q2020	1293761	E300.0
KAFB-106231	GW231-202	4/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	2Q2020	1293761	E353.2
KAFB-106231	GW231-202	4/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	2Q2020	1293761	SM2320B

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106231	GW231-202	4/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	2Q2020	1293761	SM2320B
KAFB-106231	GW231-202	4/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	2Q2020	1293761	SM2320B
KAFB-106231	GW231-202	4/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	2Q2020	1293761	SW6010C
KAFB-106231	GW231-202	4/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	2Q2020	1293761	SW6010C
KAFB-106231	GW231-202	4/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	2Q2020	1293761	SW6010C
KAFB-106231	GW231-202	4/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	2Q2020	1293761	SW6010C
KAFB-106231	GW231-202	4/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	2Q2020	1293761	SW6020A
KAFB-106231	GW231-202	4/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	2Q2020	1293761	SW6020A
KAFB-106231	GW231-202	4/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	2Q2020	1293761	SW8011
KAFB-106231	GW231-202	4/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	2Q2020	1293762	SW6010C
KAFB-106231	GW231-202	4/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	2Q2020	1293762	SW6010C
KAFB-106227	GW227-202	4/6/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293719	E300.0
KAFB-106227	GW227-202	4/6/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293719	E300.0
KAFB-106227	GW227-202	4/6/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293719	E300.0
KAFB-106227	GW227-202	4/6/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293719	E353.2
KAFB-106227	GW227-202	4/6/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293719	SM2320B
KAFB-106227	GW227-202	4/6/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293719	SM2320B
KAFB-106227	GW227-202	4/6/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293719	SM2320B
KAFB-106227	GW227-202	4/6/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293719	SW6010C
KAFB-106227	GW227-202	4/6/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293719	SW6010C
KAFB-106227	GW227-202	4/6/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293719	SW6010C
KAFB-106227	GW227-202	4/6/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293719	SW6010C
KAFB-106227	GW227-202	4/6/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293719	SW6020A
KAFB-106227	GW227-202	4/6/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293719	SW6020A
KAFB-106227	GW227-202	4/6/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293719	SW8011
KAFB-106227	GW227-202	4/6/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293720	SW6010C
KAFB-106227	GW227-202	4/6/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293720	SW6010C
KAFB-106232	GW232-202	4/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293744	E300.0
KAFB-106232	GW232-202	4/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293744	E300.0
KAFB-106232	GW232-202	4/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293744	E300.0
KAFB-106232	GW232-202	4/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293744	E353.2
KAFB-106232	GW232-202	4/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293744	SM2320B
KAFB-106232	GW232-202	4/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293744	SM2320B
KAFB-106232	GW232-202	4/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293744	SM2320B
KAFB-106232	GW232-202	4/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293744	SW6010C
KAFB-106232	GW232-202	4/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293744	SW6010C
KAFB-106232	GW232-202	4/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293744	SW6010C
KAFB-106232	GW232-202	4/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293744	SW6010C
KAFB-106232	GW232-202	4/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293744	SW6020A
KAFB-106232	GW232-202	4/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293744	SW6020A
KAFB-106232	GW232-202	4/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293744	SW8011
KAFB-106232	GW232-202	4/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293745	SW6010C
KAFB-106232	GW232-202	4/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	2Q2020	1293745	SW6010C
KAFB-106226	GW226-202	4/6/2020	N	480.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293721	E300.0
KAFB-106226	GW226-202	4/6/2020	N	480.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293721	E300.0
KAFB-106226	GW226-202	4/6/2020	N	480.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293721	E300.0
KAFB-106226	GW226-202	4/6/2020	N	480.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293721	E353.2
KAFB-106226	GW226-202	4/6/2020	N	480.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293721	SM2320B
KAFB-106226	GW226-202	4/6/2020	N	480.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293721	SM2320B
KAFB-106226	GW226-202	4/6/2020	N	480.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293721	SM2320B
KAFB-106226	GW226-202	4/6/2020	N	480.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293721	SW6010C
KAFB-106226	GW226-202	4/6/2020	N	480.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293721	SW6010C
KAFB-106226	GW226-202	4/6/2020	N	480.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293721	SW6010C
KAFB-106226	GW226-202	4/6/2020	N	480.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293721	SW6010C
KAFB-106226	GW226-202	4/6/2020	N	480.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293721	SW6020A

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106226	GW226-202	4/6/2020	N	480.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293721	SW6020A
KAFB-106226	GW226-202	4/6/2020	N	480.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293721	SW8011
KAFB-106226	GW226-202	4/6/2020	N	480.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293722	SW6010C
KAFB-106226	GW226-202	4/6/2020	N	480.7 ft	4838	North of Ridgecrest	WG	2Q2020	1293722	SW6010C
KAFB-106031	GW031-202	4/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	2Q2020	1293726	E300.0
KAFB-106031	GW031-202	4/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	2Q2020	1293726	E300.0
KAFB-106031	GW031-202	4/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	2Q2020	1293726	E300.0
KAFB-106031	GW031-202	4/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	2Q2020	1293726	E353.2
KAFB-106031	GW031-202	4/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	2Q2020	1293726	SM2320B
KAFB-106031	GW031-202	4/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	2Q2020	1293726	SM2320B
KAFB-106031	GW031-202	4/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	2Q2020	1293726	SM2320B
KAFB-106031	GW031-202	4/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	2Q2020	1293726	SW6010C
KAFB-106031	GW031-202	4/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	2Q2020	1293726	SW6010C
KAFB-106031	GW031-202	4/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	2Q2020	1293726	SW6010C
KAFB-106031	GW031-202	4/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	2Q2020	1293726	SW6010C
KAFB-106031	GW031-202	4/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	2Q2020	1293726	SW6020A
KAFB-106031	GW031-202	4/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	2Q2020	1293726	SW6020A
KAFB-106031	GW031-202	4/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	2Q2020	1293726	SW8011
KAFB-106031	GW031-202	4/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	2Q2020	1293727	SW6010C
KAFB-106031	GW031-202	4/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	2Q2020	1293727	SW6010C
KAFB-106225	GW225-202	4/6/2020	N	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293729	E300.0
KAFB-106225	GW225-202	4/6/2020	N	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293729	E300.0
KAFB-106225	GW225-202	4/6/2020	N	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293729	E300.0
KAFB-106225	GW225-202	4/6/2020	N	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293729	E353.2
KAFB-106225	GW225-202	4/6/2020	N	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293729	SM2320B
KAFB-106225	GW225-202	4/6/2020	N	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293729	SM2320B
KAFB-106225	GW225-202	4/6/2020	N	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293729	SM2320B
KAFB-106225	GW225-202	4/6/2020	N	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293729	SW6010C
KAFB-106225	GW225-202	4/6/2020	N	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293729	SW6010C
KAFB-106225	GW225-202	4/6/2020	N	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293729	SW6010C
KAFB-106225	GW225-202	4/6/2020	N	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293729	SW6020A
KAFB-106225	GW225-202	4/6/2020	N	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293729	SW6020A
KAFB-106225	GW225-202	4/6/2020	N	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293729	SW8011
KAFB-106225	GW225-202	4/6/2020	N	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293730	SW6010C
KAFB-106225	GW225-202	4/6/2020	N	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293730	SW6010C
KAFB-106225	GW225-602	4/6/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293731	E300.0
KAFB-106225	GW225-602	4/6/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293731	E300.0
KAFB-106225	GW225-602	4/6/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293731	E300.0
KAFB-106225	GW225-602	4/6/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293731	E353.2
KAFB-106225	GW225-602	4/6/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293731	SM2320B
KAFB-106225	GW225-602	4/6/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293731	SM2320B
KAFB-106225	GW225-602	4/6/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293731	SM2320B
KAFB-106225	GW225-602	4/6/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293731	SW6010C
KAFB-106225	GW225-602	4/6/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293731	SW6010C
KAFB-106225	GW225-602	4/6/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293731	SW6010C
KAFB-106225	GW225-602	4/6/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293731	SW6010C
KAFB-106225	GW225-602	4/6/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293731	SW6020A
KAFB-106225	GW225-602	4/6/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293731	SW6020A
KAFB-106225	GW225-602	4/6/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293731	SW8011
KAFB-106225	GW225-602	4/6/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293732	SW6010C
KAFB-106225	GW225-602	4/6/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	2Q2020	1293732	SW6010C
KAFB-106030	GW030-202	4/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	2Q2020	1293724	E300.0
KAFB-106030	GW030-202	4/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	2Q2020	1293724	E300.0
KAFB-106030	GW030-202	4/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	2Q2020	1293724	E300.0

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106030	GW030-202	4/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	2Q2020	1293724	E353.2
KAFB-106030	GW030-202	4/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	2Q2020	1293724	SM2320B
KAFB-106030	GW030-202	4/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	2Q2020	1293724	SM2320B
KAFB-106030	GW030-202	4/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	2Q2020	1293724	SM2320B
KAFB-106030	GW030-202	4/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	2Q2020	1293724	SW6010C
KAFB-106030	GW030-202	4/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	2Q2020	1293724	SW6010C
KAFB-106030	GW030-202	4/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	2Q2020	1293724	SW6010C
KAFB-106030	GW030-202	4/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	2Q2020	1293724	SW6010C
KAFB-106030	GW030-202	4/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	2Q2020	1293724	SW6020A
KAFB-106030	GW030-202	4/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	2Q2020	1293724	SW6020A
KAFB-106030	GW030-202	4/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	2Q2020	1293724	SW8011
KAFB-106030	GW030-202	4/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	2Q2020	1293725	SW6010C
KAFB-106030	GW030-202	4/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	2Q2020	1293725	SW6010C
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293741	E300.0
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293741	E300.0
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293741	E300.0
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293741	E353.2
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293741	SM2320B
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293741	SM2320B
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293741	SM2320B
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293741	SW6010C
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293741	SW6010C
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293741	SW6010C
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293741	SW6010C
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293741	SW6020A
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293741	SW6020A
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293741	SW8011
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293742	SW6010C
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293741	SW8011
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293742	SW6010C
KAFB-106022	GW022-202	4/6/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293742	SW6010C
KAFB-106029	GW029-202	4/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	2Q2020	1293716	E300.0
KAFB-106029	GW029-202	4/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	2Q2020	1293716	E300.0
KAFB-106029	GW029-202	4/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	2Q2020	1293716	E300.0
KAFB-106029	GW029-202	4/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	2Q2020	1293716	E353.2
KAFB-106029	GW029-202	4/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	2Q2020	1293716	SM2320B
KAFB-106029	GW029-202	4/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	2Q2020	1293716	SM2320B
KAFB-106029	GW029-202	4/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	2Q2020	1293716	SM2320B
KAFB-106029	GW029-202	4/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	2Q2020	1293716	SW6010C
KAFB-106029	GW029-202	4/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	2Q2020	1293716	SW6010C
KAFB-106029	GW029-202	4/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	2Q2020	1293716	SW6010C
KAFB-106029	GW029-202	4/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	2Q2020	1293716	SW6010C
KAFB-106029	GW029-202	4/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	2Q2020	1293716	SW6020A
KAFB-106029	GW029-202	4/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	2Q2020	1293716	SW6020A
KAFB-106029	GW029-202	4/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	2Q2020	1293716	SW8011
KAFB-106029	GW029-202	4/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	2Q2020	1293717	SW6010C
KAFB-106029	GW029-202	4/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	2Q2020	1293717	SW6010C
KAFB-106015	GW015-202	4/6/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293739	E300.0
KAFB-106015	GW015-202	4/6/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293739	E300.0
KAFB-106015	GW015-202	4/6/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293739	E300.0
KAFB-106015	GW015-202	4/6/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293739	E353.2
KAFB-106015	GW015-202	4/6/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293739	SM2320B
KAFB-106015	GW015-202	4/6/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293739	SM2320B
KAFB-106015	GW015-202	4/6/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293739	SM2320B
KAFB-106015	GW015-202	4/6/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293739	SW6010C
KAFB-106015	GW015-202	4/6/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293739	SW6010C
KAFB-106015	GW015-202	4/6/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293739	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106015	GW015-202	4/6/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293739	SW6010C
KAFB-106015	GW015-202	4/6/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293739	SW6020A
KAFB-106015	GW015-202	4/6/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293739	SW6020A
KAFB-106015	GW015-202	4/6/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293739	SW8011
KAFB-106015	GW015-202	4/6/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293740	SW6010C
KAFB-106015	GW015-202	4/6/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293740	SW6010C
KAFB-106242-418	GW242-418-202	4/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	2Q2020	1293766	E300.0
KAFB-106242-418	GW242-418-202	4/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	2Q2020	1293766	E300.0
KAFB-106242-418	GW242-418-202	4/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	2Q2020	1293766	E300.0
KAFB-106242-418	GW242-418-202	4/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	2Q2020	1293766	E353.2
KAFB-106242-418	GW242-418-202	4/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	2Q2020	1293766	SM2320B
KAFB-106242-418	GW242-418-202	4/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	2Q2020	1293766	SM2320B
KAFB-106242-418	GW242-418-202	4/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	2Q2020	1293766	SM2320B
KAFB-106242-418	GW242-418-202	4/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	2Q2020	1293766	SW6010C
KAFB-106242-418	GW242-418-202	4/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	2Q2020	1293766	SW6010C
KAFB-106242-418	GW242-418-202	4/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	2Q2020	1293766	SW6010C
KAFB-106242-418	GW242-418-202	4/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	2Q2020	1293766	SW6010C
KAFB-106242-418	GW242-418-202	4/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	2Q2020	1293766	SW6020A
KAFB-106242-418	GW242-418-202	4/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	2Q2020	1293766	SW6020A
KAFB-106242-418	GW242-418-202	4/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	2Q2020	1293766	SW8011
KAFB-106242-418	GW242-418-202	4/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	2Q2020	1293767	SW6010C
KAFB-106242-418	GW242-418-202	4/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	2Q2020	1293767	SW6010C
KAFB-106021	GW021-202	4/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293714	E300.0
KAFB-106021	GW021-202	4/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293714	E300.0
KAFB-106021	GW021-202	4/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293714	E300.0
KAFB-106021	GW021-202	4/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293714	E353.2
KAFB-106021	GW021-202	4/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293714	SM2320B
KAFB-106021	GW021-202	4/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293714	SM2320B
KAFB-106021	GW021-202	4/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293714	SM2320B
KAFB-106021	GW021-202	4/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293714	SW6010C
KAFB-106021	GW021-202	4/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293714	SW6010C
KAFB-106021	GW021-202	4/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293714	SW6010C
KAFB-106021	GW021-202	4/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293714	SW6020A
KAFB-106021	GW021-202	4/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293714	SW6020A
KAFB-106021	GW021-202	4/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293714	SW8011
KAFB-106021	GW021-202	4/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293715	SW6010C
KAFB-106021	GW021-202	4/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1293715	SW6010C
KAFB-106224	GW224-202	4/7/2020	N	555.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294570	E300.0
KAFB-106224	GW224-202	4/7/2020	N	555.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294570	E300.0
KAFB-106224	GW224-202	4/7/2020	N	555.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294570	E300.0
KAFB-106224	GW224-202	4/7/2020	N	555.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294570	E353.2
KAFB-106224	GW224-202	4/7/2020	N	555.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294570	SM2320B
KAFB-106224	GW224-202	4/7/2020	N	555.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294570	SM2320B
KAFB-106224	GW224-202	4/7/2020	N	555.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294570	SM2320B
KAFB-106224	GW224-202	4/7/2020	N	555.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294570	SW6010C
KAFB-106224	GW224-202	4/7/2020	N	555.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294570	SW6010C
KAFB-106224	GW224-202	4/7/2020	N	555.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294570	SW6010C
KAFB-106224	GW224-202	4/7/2020	N	555.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294570	SW6010C
KAFB-106224	GW224-202	4/7/2020	N	555.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294570	SW6020A
KAFB-106224	GW224-202	4/7/2020	N	555.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294570	SW6020A
KAFB-106224	GW224-202	4/7/2020	N	555.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294570	SW8011
KAFB-106224	GW224-202	4/7/2020	N	555.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294571	SW6010C
KAFB-106224	GW224-202	4/7/2020	N	555.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294571	SW6010C
KAFB-106201	GW201-202	4/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	2Q2020	1294589	E300.0

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106201	GW201-202	4/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	2Q2020	1294589	E300.0
KAFB-106201	GW201-202	4/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	2Q2020	1294589	E300.0
KAFB-106201	GW201-202	4/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	2Q2020	1294589	E353.2
KAFB-106201	GW201-202	4/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	2Q2020	1294589	SM2320B
KAFB-106201	GW201-202	4/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	2Q2020	1294589	SM2320B
KAFB-106201	GW201-202	4/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	2Q2020	1294589	SM2320B
KAFB-106201	GW201-202	4/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	2Q2020	1294589	SW6010C
KAFB-106201	GW201-202	4/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	2Q2020	1294589	SW6010C
KAFB-106201	GW201-202	4/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	2Q2020	1294589	SW6010C
KAFB-106201	GW201-202	4/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	2Q2020	1294589	SW6010C
KAFB-106201	GW201-202	4/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	2Q2020	1294589	SW6020A
KAFB-106201	GW201-202	4/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	2Q2020	1294589	SW6020A
KAFB-106201	GW201-202	4/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	2Q2020	1294589	SW8011
KAFB-106201	GW201-202	4/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	2Q2020	1294590	SW6010C
KAFB-106201	GW201-202	4/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	2Q2020	1294590	SW6010C
KAFB-106223	GW223-202	4/7/2020	N	488.5 ft	4838	North of Ridgecrest	WG	2Q2020	1294572	E300.0
KAFB-106223	GW223-202	4/7/2020	N	488.5 ft	4838	North of Ridgecrest	WG	2Q2020	1294572	E300.0
KAFB-106223	GW223-202	4/7/2020	N	488.5 ft	4838	North of Ridgecrest	WG	2Q2020	1294572	E300.0
KAFB-106223	GW223-202	4/7/2020	N	488.5 ft	4838	North of Ridgecrest	WG	2Q2020	1294572	E353.2
KAFB-106223	GW223-202	4/7/2020	N	488.5 ft	4838	North of Ridgecrest	WG	2Q2020	1294572	SM2320B
KAFB-106223	GW223-202	4/7/2020	N	488.5 ft	4838	North of Ridgecrest	WG	2Q2020	1294572	SM2320B
KAFB-106223	GW223-202	4/7/2020	N	488.5 ft	4838	North of Ridgecrest	WG	2Q2020	1294572	SM2320B
KAFB-106223	GW223-202	4/7/2020	N	488.5 ft	4838	North of Ridgecrest	WG	2Q2020	1294572	SW6010C
KAFB-106223	GW223-202	4/7/2020	N	488.5 ft	4838	North of Ridgecrest	WG	2Q2020	1294572	SW6010C
KAFB-106223	GW223-202	4/7/2020	N	488.5 ft	4838	North of Ridgecrest	WG	2Q2020	1294572	SW6010C
KAFB-106223	GW223-202	4/7/2020	N	488.5 ft	4838	North of Ridgecrest	WG	2Q2020	1294572	SW6010C
KAFB-106223	GW223-202	4/7/2020	N	488.5 ft	4838	North of Ridgecrest	WG	2Q2020	1294572	SW6020A
KAFB-106223	GW223-202	4/7/2020	N	488.5 ft	4838	North of Ridgecrest	WG	2Q2020	1294572	SW6020A
KAFB-106223	GW223-202	4/7/2020	N	488.5 ft	4838	North of Ridgecrest	WG	2Q2020	1294572	SW8011
KAFB-106223	GW223-202	4/7/2020	N	488.5 ft	4838	North of Ridgecrest	WG	2Q2020	1294573	SW6010C
KAFB-106223	GW223-202	4/7/2020	N	488.5 ft	4838	North of Ridgecrest	WG	2Q2020	1294573	SW6010C
KAFB-106202	GW202-202	4/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294567	E300.0
KAFB-106202	GW202-202	4/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294567	E300.0
KAFB-106202	GW202-202	4/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294567	E300.0
KAFB-106202	GW202-202	4/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294567	E353.2
KAFB-106202	GW202-202	4/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294567	SM2320B
KAFB-106202	GW202-202	4/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294567	SM2320B
KAFB-106202	GW202-202	4/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294567	SM2320B
KAFB-106202	GW202-202	4/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294567	SW6010C
KAFB-106202	GW202-202	4/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294567	SW6010C
KAFB-106202	GW202-202	4/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294567	SW6010C
KAFB-106202	GW202-202	4/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294567	SW6010C
KAFB-106202	GW202-202	4/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294567	SW6020A
KAFB-106202	GW202-202	4/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294567	SW6020A
KAFB-106202	GW202-202	4/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294567	SW8011
KAFB-106202	GW202-202	4/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294568	SW6010C
KAFB-106202	GW202-202	4/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294568	SW6010C
KAFB-106222	GW222-202	4/7/2020	N	461.1 ft	4857	North of Ridgecrest	WG	2Q2020	1294552	E300.0
KAFB-106222	GW222-202	4/7/2020	N	461.1 ft	4857	North of Ridgecrest	WG	2Q2020	1294552	E300.0
KAFB-106222	GW222-202	4/7/2020	N	461.1 ft	4857	North of Ridgecrest	WG	2Q2020	1294552	E300.0
KAFB-106222	GW222-202	4/7/2020	N	461.1 ft	4857	North of Ridgecrest	WG	2Q2020	1294552	E353.2
KAFB-106222	GW222-202	4/7/2020	N	461.1 ft	4857	North of Ridgecrest	WG	2Q2020	1294552	SM2320B
KAFB-106222	GW222-202	4/7/2020	N	461.1 ft	4857	North of Ridgecrest	WG	2Q2020	1294552	SM2320B
KAFB-106222	GW222-202	4/7/2020	N	461.1 ft	4857	North of Ridgecrest	WG	2Q2020	1294552	SM2320B
KAFB-106222	GW222-202	4/7/2020	N	461.1 ft	4857	North of Ridgecrest	WG	2Q2020	1294552	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106222	GW222-202	4/7/2020	N	461.1 ft	4857	North of Ridgecrest	WG	2Q2020	1294552	SW6010C
KAFB-106222	GW222-202	4/7/2020	N	461.1 ft	4857	North of Ridgecrest	WG	2Q2020	1294552	SW6010C
KAFB-106222	GW222-202	4/7/2020	N	461.1 ft	4857	North of Ridgecrest	WG	2Q2020	1294552	SW6010C
KAFB-106222	GW222-202	4/7/2020	N	461.1 ft	4857	North of Ridgecrest	WG	2Q2020	1294552	SW6020A
KAFB-106222	GW222-202	4/7/2020	N	461.1 ft	4857	North of Ridgecrest	WG	2Q2020	1294552	SW6020A
KAFB-106222	GW222-202	4/7/2020	N	461.1 ft	4857	North of Ridgecrest	WG	2Q2020	1294552	SW8011
KAFB-106222	GW222-202	4/7/2020	N	461.1 ft	4857	North of Ridgecrest	WG	2Q2020	1294556	SW6010C
KAFB-106222	GW222-202	4/7/2020	N	461.1 ft	4857	North of Ridgecrest	WG	2Q2020	1294556	SW6010C
KAFB-106203	GW203-202	4/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	2Q2020	1294565	E300.0
KAFB-106203	GW203-202	4/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	2Q2020	1294565	E300.0
KAFB-106203	GW203-202	4/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	2Q2020	1294565	E300.0
KAFB-106203	GW203-202	4/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	2Q2020	1294565	E353.2
KAFB-106203	GW203-202	4/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	2Q2020	1294565	SM2320B
KAFB-106203	GW203-202	4/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	2Q2020	1294565	SM2320B
KAFB-106203	GW203-202	4/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	2Q2020	1294565	SM2320B
KAFB-106203	GW203-202	4/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	2Q2020	1294565	SW6010C
KAFB-106203	GW203-202	4/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	2Q2020	1294565	SW6010C
KAFB-106203	GW203-202	4/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	2Q2020	1294565	SW6010C
KAFB-106203	GW203-202	4/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	2Q2020	1294565	SW6010C
KAFB-106203	GW203-202	4/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	2Q2020	1294565	SW6020A
KAFB-106203	GW203-202	4/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	2Q2020	1294565	SW6020A
KAFB-106203	GW203-202	4/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	2Q2020	1294565	SW8011
KAFB-106203	GW203-202	4/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	2Q2020	1294566	SW6010C
KAFB-106203	GW203-202	4/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	2Q2020	1294566	SW6010C
KAFB-106206	GW206-202	4/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	2Q2020	1294582	E300.0
KAFB-106206	GW206-202	4/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	2Q2020	1294582	E300.0
KAFB-106206	GW206-202	4/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	2Q2020	1294582	E300.0
KAFB-106206	GW206-202	4/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	2Q2020	1294582	E353.2
KAFB-106206	GW206-202	4/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	2Q2020	1294582	E353.2
KAFB-106206	GW206-202	4/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	2Q2020	1294582	SM2320B
KAFB-106206	GW206-202	4/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	2Q2020	1294582	SM2320B
KAFB-106206	GW206-202	4/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	2Q2020	1294582	SM2320B
KAFB-106206	GW206-202	4/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	2Q2020	1294582	SW6010C
KAFB-106206	GW206-202	4/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	2Q2020	1294582	SW6010C
KAFB-106206	GW206-202	4/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	2Q2020	1294582	SW6010C
KAFB-106206	GW206-202	4/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	2Q2020	1294582	SW6010C
KAFB-106206	GW206-202	4/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	2Q2020	1294582	SW6020A
KAFB-106206	GW206-202	4/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	2Q2020	1294582	SW6020A
KAFB-106206	GW206-202	4/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	2Q2020	1294582	SW8011
KAFB-106206	GW206-202	4/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	2Q2020	1294583	SW6010C
KAFB-106206	GW206-202	4/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	2Q2020	1294583	SW6010C
KAFB-106219	GW219-202	4/7/2020	N	466 ft	4857	North of Ridgecrest	WG	2Q2020	1294594	E300.0
KAFB-106219	GW219-202	4/7/2020	N	466 ft	4857	North of Ridgecrest	WG	2Q2020	1294594	E300.0
KAFB-106219	GW219-202	4/7/2020	N	466 ft	4857	North of Ridgecrest	WG	2Q2020	1294594	E300.0
KAFB-106219	GW219-202	4/7/2020	N	466 ft	4857	North of Ridgecrest	WG	2Q2020	1294594	E353.2
KAFB-106219	GW219-202	4/7/2020	N	466 ft	4857	North of Ridgecrest	WG	2Q2020	1294594	SM2320B
KAFB-106219	GW219-202	4/7/2020	N	466 ft	4857	North of Ridgecrest	WG	2Q2020	1294594	SM2320B
KAFB-106219	GW219-202	4/7/2020	N	466 ft	4857	North of Ridgecrest	WG	2Q2020	1294594	SM2320B
KAFB-106219	GW219-202	4/7/2020	N	466 ft	4857	North of Ridgecrest	WG	2Q2020	1294594	SW6010C
KAFB-106219	GW219-202	4/7/2020	N	466 ft	4857	North of Ridgecrest	WG	2Q2020	1294594	SW6010C
KAFB-106219	GW219-202	4/7/2020	N	466 ft	4857	North of Ridgecrest	WG	2Q2020	1294594	SW6010C
KAFB-106219	GW219-202	4/7/2020	N	466 ft	4857	North of Ridgecrest	WG	2Q2020	1294594	SW6010C
KAFB-106219	GW219-202	4/7/2020	N	466 ft	4857	North of Ridgecrest	WG	2Q2020	1294594	SW6020A
KAFB-106219	GW219-202	4/7/2020	N	466 ft	4857	North of Ridgecrest	WG	2Q2020	1294594	SW6020A
KAFB-106219	GW219-202	4/7/2020	N	466 ft	4857	North of Ridgecrest	WG	2Q2020	1294594	SW8011
KAFB-106219	GW219-202	4/7/2020	N	466 ft	4857	North of Ridgecrest	WG	2Q2020	1294595	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106219	GW219-202	4/7/2020	N	466 ft	4857	North of Ridgecrest	WG	2Q2020	1294595	SW6010C
KAFB-106205	GW205-202	4/7/2020	N	493.2 ft	4838	North of Ridgecrest	WG	2Q2020	1294584	E300.0
KAFB-106205	GW205-202	4/7/2020	N	493.2 ft	4838	North of Ridgecrest	WG	2Q2020	1294584	E300.0
KAFB-106205	GW205-202	4/7/2020	N	493.2 ft	4838	North of Ridgecrest	WG	2Q2020	1294584	E300.0
KAFB-106205	GW205-202	4/7/2020	N	493.2 ft	4838	North of Ridgecrest	WG	2Q2020	1294584	E353.2
KAFB-106205	GW205-202	4/7/2020	N	493.2 ft	4838	North of Ridgecrest	WG	2Q2020	1294584	SM2320B
KAFB-106205	GW205-202	4/7/2020	N	493.2 ft	4838	North of Ridgecrest	WG	2Q2020	1294584	SM2320B
KAFB-106205	GW205-202	4/7/2020	N	493.2 ft	4838	North of Ridgecrest	WG	2Q2020	1294584	SM2320B
KAFB-106205	GW205-202	4/7/2020	N	493.2 ft	4838	North of Ridgecrest	WG	2Q2020	1294584	SW6010C
KAFB-106205	GW205-202	4/7/2020	N	493.2 ft	4838	North of Ridgecrest	WG	2Q2020	1294584	SW6010C
KAFB-106205	GW205-202	4/7/2020	N	493.2 ft	4838	North of Ridgecrest	WG	2Q2020	1294584	SW6010C
KAFB-106205	GW205-202	4/7/2020	N	493.2 ft	4838	North of Ridgecrest	WG	2Q2020	1294584	SW6010C
KAFB-106205	GW205-202	4/7/2020	N	493.2 ft	4838	North of Ridgecrest	WG	2Q2020	1294584	SW6020A
KAFB-106205	GW205-202	4/7/2020	N	493.2 ft	4838	North of Ridgecrest	WG	2Q2020	1294584	SW6020A
KAFB-106205	GW205-202	4/7/2020	N	493.2 ft	4838	North of Ridgecrest	WG	2Q2020	1294584	SW8011
KAFB-106205	GW205-202	4/7/2020	N	493.2 ft	4838	North of Ridgecrest	WG	2Q2020	1294585	SW6010C
KAFB-106205	GW205-202	4/7/2020	N	493.2 ft	4838	North of Ridgecrest	WG	2Q2020	1294585	SW6010C
KAFB-106220	GW220-202	4/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294592	E300.0
KAFB-106220	GW220-202	4/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294592	E300.0
KAFB-106220	GW220-202	4/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294592	E300.0
KAFB-106220	GW220-202	4/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294592	E353.2
KAFB-106220	GW220-202	4/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294592	SM2320B
KAFB-106220	GW220-202	4/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294592	SM2320B
KAFB-106220	GW220-202	4/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294592	SM2320B
KAFB-106220	GW220-202	4/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294592	SW6010C
KAFB-106220	GW220-202	4/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294592	SW6010C
KAFB-106220	GW220-202	4/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294592	SW6010C
KAFB-106220	GW220-202	4/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294592	SW6010C
KAFB-106220	GW220-202	4/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294592	SW6020A
KAFB-106220	GW220-202	4/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294592	SW6020A
KAFB-106220	GW220-202	4/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294592	SW8011
KAFB-106220	GW220-202	4/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294593	SW6010C
KAFB-106220	GW220-202	4/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294593	SW6010C
KAFB-106221	GW221-202	4/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294587	E300.0
KAFB-106221	GW221-202	4/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294587	E300.0
KAFB-106221	GW221-202	4/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294587	E300.0
KAFB-106221	GW221-202	4/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294587	E353.2
KAFB-106221	GW221-202	4/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294587	SM2320B
KAFB-106221	GW221-202	4/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294587	SM2320B
KAFB-106221	GW221-202	4/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294587	SM2320B
KAFB-106221	GW221-202	4/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294587	SW6010C
KAFB-106221	GW221-202	4/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294587	SW6010C
KAFB-106221	GW221-202	4/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294587	SW6010C
KAFB-106221	GW221-202	4/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294587	SW6010C
KAFB-106221	GW221-202	4/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294587	SW6020A
KAFB-106221	GW221-202	4/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294587	SW6020A
KAFB-106221	GW221-202	4/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294587	SW8011
KAFB-106221	GW221-202	4/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294588	SW6010C
KAFB-106221	GW221-202	4/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294588	SW6010C
KAFB-106204	GW204-202	4/7/2020	N	463.2 ft	4857	North of Ridgecrest	WG	2Q2020	1294561	E300.0
KAFB-106204	GW204-202	4/7/2020	N	463.2 ft	4857	North of Ridgecrest	WG	2Q2020	1294561	E300.0
KAFB-106204	GW204-202	4/7/2020	N	463.2 ft	4857	North of Ridgecrest	WG	2Q2020	1294561	E300.0
KAFB-106204	GW204-202	4/7/2020	N	463.2 ft	4857	North of Ridgecrest	WG	2Q2020	1294561	E353.2
KAFB-106204	GW204-202	4/7/2020	N	463.2 ft	4857	North of Ridgecrest	WG	2Q2020	1294561	SM2320B
KAFB-106204	GW204-202	4/7/2020	N	463.2 ft	4857	North of Ridgecrest	WG	2Q2020	1294561	SM2320B

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106204	GW204-202	4/7/2020	N	463.2 ft	4857	North of Ridgecrest	WG	2Q2020	1294561	SM2320B
KAFB-106204	GW204-202	4/7/2020	N	463.2 ft	4857	North of Ridgecrest	WG	2Q2020	1294561	SW6010C
KAFB-106204	GW204-202	4/7/2020	N	463.2 ft	4857	North of Ridgecrest	WG	2Q2020	1294561	SW6010C
KAFB-106204	GW204-202	4/7/2020	N	463.2 ft	4857	North of Ridgecrest	WG	2Q2020	1294561	SW6010C
KAFB-106204	GW204-202	4/7/2020	N	463.2 ft	4857	North of Ridgecrest	WG	2Q2020	1294561	SW6010C
KAFB-106204	GW204-202	4/7/2020	N	463.2 ft	4857	North of Ridgecrest	WG	2Q2020	1294561	SW6020A
KAFB-106204	GW204-202	4/7/2020	N	463.2 ft	4857	North of Ridgecrest	WG	2Q2020	1294561	SW6020A
KAFB-106204	GW204-202	4/7/2020	N	463.2 ft	4857	North of Ridgecrest	WG	2Q2020	1294561	SW8011
KAFB-106204	GW204-202	4/7/2020	N	463.2 ft	4857	North of Ridgecrest	WG	2Q2020	1294562	SW6010C
KAFB-106204	GW204-202	4/7/2020	N	463.2 ft	4857	North of Ridgecrest	WG	2Q2020	1294562	SW6010C
KAFB-106055	GW055-202	4/7/2020	N	466.5 ft	4857	North of Ridgecrest	WG	2Q2020	1294608	E300.0
KAFB-106055	GW055-202	4/7/2020	N	466.5 ft	4857	North of Ridgecrest	WG	2Q2020	1294608	E300.0
KAFB-106055	GW055-202	4/7/2020	N	466.5 ft	4857	North of Ridgecrest	WG	2Q2020	1294608	E300.0
KAFB-106055	GW055-202	4/7/2020	N	466.5 ft	4857	North of Ridgecrest	WG	2Q2020	1294608	E353.2
KAFB-106055	GW055-202	4/7/2020	N	466.5 ft	4857	North of Ridgecrest	WG	2Q2020	1294608	SM2320B
KAFB-106055	GW055-202	4/7/2020	N	466.5 ft	4857	North of Ridgecrest	WG	2Q2020	1294608	SM2320B
KAFB-106055	GW055-202	4/7/2020	N	466.5 ft	4857	North of Ridgecrest	WG	2Q2020	1294608	SM2320B
KAFB-106055	GW055-202	4/7/2020	N	466.5 ft	4857	North of Ridgecrest	WG	2Q2020	1294608	SW6010C
KAFB-106055	GW055-202	4/7/2020	N	466.5 ft	4857	North of Ridgecrest	WG	2Q2020	1294608	SW6010C
KAFB-106055	GW055-202	4/7/2020	N	466.5 ft	4857	North of Ridgecrest	WG	2Q2020	1294608	SW6010C
KAFB-106055	GW055-202	4/7/2020	N	466.5 ft	4857	North of Ridgecrest	WG	2Q2020	1294608	SW6010C
KAFB-106055	GW055-202	4/7/2020	N	466.5 ft	4857	North of Ridgecrest	WG	2Q2020	1294608	SW6020A
KAFB-106055	GW055-202	4/7/2020	N	466.5 ft	4857	North of Ridgecrest	WG	2Q2020	1294608	SW6020A
KAFB-106055	GW055-202	4/7/2020	N	466.5 ft	4857	North of Ridgecrest	WG	2Q2020	1294608	SW8011
KAFB-106055	GW055-202	4/7/2020	N	466.5 ft	4857	North of Ridgecrest	WG	2Q2020	1294609	SW6010C
KAFB-106055	GW055-202	4/7/2020	N	466.5 ft	4857	North of Ridgecrest	WG	2Q2020	1294609	SW6010C
KAFB-106218	GW218-202	4/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294549	E300.0
KAFB-106218	GW218-202	4/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294549	E300.0
KAFB-106218	GW218-202	4/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294549	E300.0
KAFB-106218	GW218-202	4/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294549	E353.2
KAFB-106218	GW218-202	4/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294549	SM2320B
KAFB-106218	GW218-202	4/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294549	SM2320B
KAFB-106218	GW218-202	4/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294549	SM2320B
KAFB-106218	GW218-202	4/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294549	SW6010C
KAFB-106218	GW218-202	4/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294549	SW6010C
KAFB-106218	GW218-202	4/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294549	SW6010C
KAFB-106218	GW218-202	4/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294549	SW6010C
KAFB-106218	GW218-202	4/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294549	SW6020A
KAFB-106218	GW218-202	4/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294549	SW6020A
KAFB-106218	GW218-202	4/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294549	SW8011
KAFB-106218	GW218-202	4/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294550	SW6010C
KAFB-106218	GW218-202	4/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	2Q2020	1294550	SW6010C
KAFB-106057	GW057-202	4/7/2020	N	485.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294606	E300.0
KAFB-106057	GW057-202	4/7/2020	N	485.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294606	E300.0
KAFB-106057	GW057-202	4/7/2020	N	485.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294606	E300.0
KAFB-106057	GW057-202	4/7/2020	N	485.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294606	E353.2
KAFB-106057	GW057-202	4/7/2020	N	485.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294606	SM2320B
KAFB-106057	GW057-202	4/7/2020	N	485.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294606	SM2320B
KAFB-106057	GW057-202	4/7/2020	N	485.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294606	SM2320B
KAFB-106057	GW057-202	4/7/2020	N	485.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294606	SW6010C
KAFB-106057	GW057-202	4/7/2020	N	485.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294606	SW6010C
KAFB-106057	GW057-202	4/7/2020	N	485.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294606	SW6010C
KAFB-106057	GW057-202	4/7/2020	N	485.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294606	SW6010C
KAFB-106057	GW057-202	4/7/2020	N	485.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294606	SW6020A
KAFB-106057	GW057-202	4/7/2020	N	485.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294606	SW6020A

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106057	GW057-202	4/7/2020	N	485.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294606	SW8011
KAFB-106057	GW057-202	4/7/2020	N	485.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294607	SW6010C
KAFB-106057	GW057-202	4/7/2020	N	485.6 ft	4838	North of Ridgecrest	WG	2Q2020	1294607	SW6010C
KAFB-106217	GW217-202	4/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294547	E300.0
KAFB-106217	GW217-202	4/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294547	E300.0
KAFB-106217	GW217-202	4/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294547	E300.0
KAFB-106217	GW217-202	4/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294547	E353.2
KAFB-106217	GW217-202	4/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294547	SM2320B
KAFB-106217	GW217-202	4/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294547	SM2320B
KAFB-106217	GW217-202	4/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294547	SM2320B
KAFB-106217	GW217-202	4/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294547	SW6010C
KAFB-106217	GW217-202	4/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294547	SW6010C
KAFB-106217	GW217-202	4/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294547	SW6010C
KAFB-106217	GW217-202	4/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294547	SW6010C
KAFB-106217	GW217-202	4/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294547	SW6020A
KAFB-106217	GW217-202	4/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294547	SW6020A
KAFB-106217	GW217-202	4/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294547	SW8011
KAFB-106217	GW217-202	4/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294548	SW6010C
KAFB-106217	GW217-202	4/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	2Q2020	1294548	SW6010C
KAFB-106229	GW229-202	4/7/2020	N	442.1 ft	4857	North of Ridgecrest	WG	2Q2020	1294563	SW8011
KAFB-106216	GW216-202	4/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	2Q2020	1294597	E300.0
KAFB-106216	GW216-202	4/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	2Q2020	1294597	E300.0
KAFB-106216	GW216-202	4/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	2Q2020	1294597	E300.0
KAFB-106216	GW216-202	4/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	2Q2020	1294597	E353.2
KAFB-106216	GW216-202	4/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	2Q2020	1294597	SM2320B
KAFB-106216	GW216-202	4/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	2Q2020	1294597	SM2320B
KAFB-106216	GW216-202	4/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	2Q2020	1294597	SM2320B
KAFB-106216	GW216-202	4/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	2Q2020	1294597	SW6010C
KAFB-106216	GW216-202	4/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	2Q2020	1294597	SW6010C
KAFB-106216	GW216-202	4/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	2Q2020	1294597	SW6010C
KAFB-106216	GW216-202	4/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	2Q2020	1294597	SW6020A
KAFB-106216	GW216-202	4/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	2Q2020	1294597	SW6020A
KAFB-106216	GW216-202	4/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	2Q2020	1294597	SW8011
KAFB-106216	GW216-202	4/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	2Q2020	1294601	SW6010C
KAFB-106216	GW216-202	4/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	2Q2020	1294601	SW6010C
KAFB-106052	GW052-202	4/8/2020	N	450.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295527	E300.0
KAFB-106052	GW052-202	4/8/2020	N	450.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295527	E300.0
KAFB-106052	GW052-202	4/8/2020	N	450.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295527	E300.0
KAFB-106052	GW052-202	4/8/2020	N	450.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295527	E353.2
KAFB-106052	GW052-202	4/8/2020	N	450.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295527	SM2320B
KAFB-106052	GW052-202	4/8/2020	N	450.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295527	SM2320B
KAFB-106052	GW052-202	4/8/2020	N	450.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295527	SM2320B
KAFB-106052	GW052-202	4/8/2020	N	450.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295527	SW6010C
KAFB-106052	GW052-202	4/8/2020	N	450.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295527	SW6010C
KAFB-106052	GW052-202	4/8/2020	N	450.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295527	SW6010C
KAFB-106052	GW052-202	4/8/2020	N	450.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295527	SW6010C
KAFB-106052	GW052-202	4/8/2020	N	450.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295527	SW6020A
KAFB-106052	GW052-202	4/8/2020	N	450.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295527	SW6020A
KAFB-106052	GW052-202	4/8/2020	N	450.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295527	SW8011
KAFB-106052	GW052-202	4/8/2020	N	450.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295528	SW6010C
KAFB-106052	GW052-202	4/8/2020	N	450.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295528	SW6010C
KAFB-106032	GW032-202	4/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295496	E300.0
KAFB-106032	GW032-202	4/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295496	E300.0
KAFB-106032	GW032-202	4/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295496	E300.0

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106032	GW032-202	4/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295496	E353.2
KAFB-106032	GW032-202	4/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295496	SM2320B
KAFB-106032	GW032-202	4/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295496	SM2320B
KAFB-106032	GW032-202	4/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295496	SM2320B
KAFB-106032	GW032-202	4/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295496	SW6010C
KAFB-106032	GW032-202	4/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295496	SW6010C
KAFB-106032	GW032-202	4/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295496	SW6010C
KAFB-106032	GW032-202	4/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295496	SW6010C
KAFB-106032	GW032-202	4/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295496	SW6020A
KAFB-106032	GW032-202	4/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295496	SW6020A
KAFB-106032	GW032-202	4/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295496	SW8011
KAFB-106032	GW032-202	4/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295500	SW6010C
KAFB-106032	GW032-202	4/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295500	SW6010C
KAFB-106053	GW053-202	4/8/2020	N	479.1 ft	4838	North of Ridgecrest	WG	2Q2020	1295525	E300.0
KAFB-106053	GW053-202	4/8/2020	N	479.1 ft	4838	North of Ridgecrest	WG	2Q2020	1295525	E300.0
KAFB-106053	GW053-202	4/8/2020	N	479.1 ft	4838	North of Ridgecrest	WG	2Q2020	1295525	E300.0
KAFB-106053	GW053-202	4/8/2020	N	479.1 ft	4838	North of Ridgecrest	WG	2Q2020	1295525	E353.2
KAFB-106053	GW053-202	4/8/2020	N	479.1 ft	4838	North of Ridgecrest	WG	2Q2020	1295525	SM2320B
KAFB-106053	GW053-202	4/8/2020	N	479.1 ft	4838	North of Ridgecrest	WG	2Q2020	1295525	SM2320B
KAFB-106053	GW053-202	4/8/2020	N	479.1 ft	4838	North of Ridgecrest	WG	2Q2020	1295525	SM2320B
KAFB-106053	GW053-202	4/8/2020	N	479.1 ft	4838	North of Ridgecrest	WG	2Q2020	1295525	SW6010C
KAFB-106053	GW053-202	4/8/2020	N	479.1 ft	4838	North of Ridgecrest	WG	2Q2020	1295525	SW6010C
KAFB-106053	GW053-202	4/8/2020	N	479.1 ft	4838	North of Ridgecrest	WG	2Q2020	1295525	SW6010C
KAFB-106053	GW053-202	4/8/2020	N	479.1 ft	4838	North of Ridgecrest	WG	2Q2020	1295525	SW6010C
KAFB-106053	GW053-202	4/8/2020	N	479.1 ft	4838	North of Ridgecrest	WG	2Q2020	1295525	SW6020A
KAFB-106053	GW053-202	4/8/2020	N	479.1 ft	4838	North of Ridgecrest	WG	2Q2020	1295525	SW6020A
KAFB-106053	GW053-202	4/8/2020	N	479.1 ft	4838	North of Ridgecrest	WG	2Q2020	1295525	SW8011
KAFB-106053	GW053-202	4/8/2020	N	479.1 ft	4838	North of Ridgecrest	WG	2Q2020	1295526	SW6010C
KAFB-106053	GW053-202	4/8/2020	N	479.1 ft	4838	North of Ridgecrest	WG	2Q2020	1295526	SW6010C
KAFB-106033	GW033-202	4/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295515	E300.0
KAFB-106033	GW033-202	4/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295515	E300.0
KAFB-106033	GW033-202	4/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295515	E300.0
KAFB-106033	GW033-202	4/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295515	E353.2
KAFB-106033	GW033-202	4/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295515	SM2320B
KAFB-106033	GW033-202	4/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295515	SM2320B
KAFB-106033	GW033-202	4/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295515	SM2320B
KAFB-106033	GW033-202	4/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295515	SW6010C
KAFB-106033	GW033-202	4/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295515	SW6010C
KAFB-106033	GW033-202	4/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295515	SW6010C
KAFB-106033	GW033-202	4/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295515	SW6010C
KAFB-106033	GW033-202	4/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295515	SW6020A
KAFB-106033	GW033-202	4/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295515	SW6020A
KAFB-106033	GW033-202	4/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295515	SW8011
KAFB-106033	GW033-202	4/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295516	SW6010C
KAFB-106033	GW033-202	4/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295516	SW6010C
KAFB-106054	GW054-202	4/8/2020	N	504.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295481	E300.0
KAFB-106054	GW054-202	4/8/2020	N	504.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295481	E300.0
KAFB-106054	GW054-202	4/8/2020	N	504.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295481	E300.0
KAFB-106054	GW054-202	4/8/2020	N	504.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295481	E353.2
KAFB-106054	GW054-202	4/8/2020	N	504.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295481	SM2320B
KAFB-106054	GW054-202	4/8/2020	N	504.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295481	SM2320B
KAFB-106054	GW054-202	4/8/2020	N	504.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295481	SM2320B
KAFB-106054	GW054-202	4/8/2020	N	504.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295481	SW6010C
KAFB-106054	GW054-202	4/8/2020	N	504.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295481	SW6010C
KAFB-106054	GW054-202	4/8/2020	N	504.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295481	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106054	GW054-202	4/8/2020	N	504.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295481	SW6010C
KAFB-106054	GW054-202	4/8/2020	N	504.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295481	SW6020A
KAFB-106054	GW054-202	4/8/2020	N	504.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295481	SW6020A
KAFB-106054	GW054-202	4/8/2020	N	504.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295481	SW8011
KAFB-106054	GW054-202	4/8/2020	N	504.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295482	SW6010C
KAFB-106054	GW054-202	4/8/2020	N	504.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295482	SW6010C
KAFB-106034	GW034-202	4/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295517	E300.0
KAFB-106034	GW034-202	4/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295517	E300.0
KAFB-106034	GW034-202	4/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295517	E300.0
KAFB-106034	GW034-202	4/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295517	E353.2
KAFB-106034	GW034-202	4/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295517	SM2320B
KAFB-106034	GW034-202	4/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295517	SM2320B
KAFB-106034	GW034-202	4/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295517	SM2320B
KAFB-106034	GW034-202	4/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295517	SW6010C
KAFB-106034	GW034-202	4/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295517	SW6010C
KAFB-106034	GW034-202	4/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295517	SW6010C
KAFB-106034	GW034-202	4/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295517	SW6010C
KAFB-106034	GW034-202	4/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295517	SW6020A
KAFB-106034	GW034-202	4/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295517	SW6020A
KAFB-106034	GW034-202	4/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295517	SW8011
KAFB-106034	GW034-202	4/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295518	SW6010C
KAFB-106034	GW034-202	4/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295518	SW6010C
KAFB-106025	GW025-202	4/8/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1295483	E300.0
KAFB-106025	GW025-202	4/8/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1295483	E300.0
KAFB-106025	GW025-202	4/8/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1295483	E300.0
KAFB-106025	GW025-202	4/8/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1295483	E353.2
KAFB-106025	GW025-202	4/8/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1295483	SM2320B
KAFB-106025	GW025-202	4/8/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1295483	SM2320B
KAFB-106025	GW025-202	4/8/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1295483	SM2320B
KAFB-106025	GW025-202	4/8/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1295483	SW6010C
KAFB-106025	GW025-202	4/8/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1295483	SW6010C
KAFB-106025	GW025-202	4/8/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1295483	SW6010C
KAFB-106025	GW025-202	4/8/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1295483	SW6020A
KAFB-106025	GW025-202	4/8/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1295483	SW6020A
KAFB-106025	GW025-202	4/8/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1295483	SW8011
KAFB-106025	GW025-202	4/8/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1295484	SW6010C
KAFB-106025	GW025-202	4/8/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	2Q2020	1295484	SW6010C
KAFB-106215	GW215-202	4/8/2020	N	547.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295510	E300.0
KAFB-106215	GW215-202	4/8/2020	N	547.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295510	E300.0
KAFB-106215	GW215-202	4/8/2020	N	547.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295510	E300.0
KAFB-106215	GW215-202	4/8/2020	N	547.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295510	E353.2
KAFB-106215	GW215-202	4/8/2020	N	547.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295510	SM2320B
KAFB-106215	GW215-202	4/8/2020	N	547.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295510	SM2320B
KAFB-106215	GW215-202	4/8/2020	N	547.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295510	SM2320B
KAFB-106215	GW215-202	4/8/2020	N	547.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295510	SW6010C
KAFB-106215	GW215-202	4/8/2020	N	547.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295510	SW6010C
KAFB-106215	GW215-202	4/8/2020	N	547.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295510	SW6010C
KAFB-106215	GW215-202	4/8/2020	N	547.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295510	SW6010C
KAFB-106215	GW215-202	4/8/2020	N	547.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295510	SW6020A
KAFB-106215	GW215-202	4/8/2020	N	547.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295510	SW6020A
KAFB-106215	GW215-202	4/8/2020	N	547.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295510	SW8011
KAFB-106215	GW215-202	4/8/2020	N	547.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295511	SW6010C
KAFB-106215	GW215-202	4/8/2020	N	547.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295511	SW6010C
KAFB-106107	GW107-202	4/8/2020	N	510.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295493	E300.0

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106107	GW107-202	4/8/2020	N	510.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295493	E300.0
KAFB-106107	GW107-202	4/8/2020	N	510.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295493	E300.0
KAFB-106107	GW107-202	4/8/2020	N	510.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295493	E353.2
KAFB-106107	GW107-202	4/8/2020	N	510.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295493	SM2320B
KAFB-106107	GW107-202	4/8/2020	N	510.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295493	SM2320B
KAFB-106107	GW107-202	4/8/2020	N	510.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295493	SM2320B
KAFB-106107	GW107-202	4/8/2020	N	510.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295493	SW6010C
KAFB-106107	GW107-202	4/8/2020	N	510.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295493	SW6010C
KAFB-106107	GW107-202	4/8/2020	N	510.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295493	SW6010C
KAFB-106107	GW107-202	4/8/2020	N	510.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295493	SW6010C
KAFB-106107	GW107-202	4/8/2020	N	510.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295493	SW6020A
KAFB-106107	GW107-202	4/8/2020	N	510.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295493	SW6020A
KAFB-106107	GW107-202	4/8/2020	N	510.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295493	SW8011
KAFB-106107	GW107-202	4/8/2020	N	510.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295494	SW6010C
KAFB-106107	GW107-202	4/8/2020	N	510.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295494	SW6010C
KAFB-106214	GW214-202	4/8/2020	N	478.95 ft	4838	North of Ridgecrest	WG	2Q2020	1295512	E300.0
KAFB-106214	GW214-202	4/8/2020	N	478.95 ft	4838	North of Ridgecrest	WG	2Q2020	1295512	E300.0
KAFB-106214	GW214-202	4/8/2020	N	478.95 ft	4838	North of Ridgecrest	WG	2Q2020	1295512	E300.0
KAFB-106214	GW214-202	4/8/2020	N	478.95 ft	4838	North of Ridgecrest	WG	2Q2020	1295512	E353.2
KAFB-106214	GW214-202	4/8/2020	N	478.95 ft	4838	North of Ridgecrest	WG	2Q2020	1295512	SM2320B
KAFB-106214	GW214-202	4/8/2020	N	478.95 ft	4838	North of Ridgecrest	WG	2Q2020	1295512	SM2320B
KAFB-106214	GW214-202	4/8/2020	N	478.95 ft	4838	North of Ridgecrest	WG	2Q2020	1295512	SM2320B
KAFB-106214	GW214-202	4/8/2020	N	478.95 ft	4838	North of Ridgecrest	WG	2Q2020	1295512	SW6010C
KAFB-106214	GW214-202	4/8/2020	N	478.95 ft	4838	North of Ridgecrest	WG	2Q2020	1295512	SW6010C
KAFB-106214	GW214-202	4/8/2020	N	478.95 ft	4838	North of Ridgecrest	WG	2Q2020	1295512	SW6010C
KAFB-106214	GW214-202	4/8/2020	N	478.95 ft	4838	North of Ridgecrest	WG	2Q2020	1295512	SW6010C
KAFB-106214	GW214-202	4/8/2020	N	478.95 ft	4838	North of Ridgecrest	WG	2Q2020	1295512	SW6020A
KAFB-106214	GW214-202	4/8/2020	N	478.95 ft	4838	North of Ridgecrest	WG	2Q2020	1295512	SW6020A
KAFB-106214	GW214-202	4/8/2020	N	478.95 ft	4838	North of Ridgecrest	WG	2Q2020	1295512	SW6020A
KAFB-106214	GW214-202	4/8/2020	N	478.95 ft	4838	North of Ridgecrest	WG	2Q2020	1295512	SW8011
KAFB-106214	GW214-202	4/8/2020	N	478.95 ft	4838	North of Ridgecrest	WG	2Q2020	1295513	SW6010C
KAFB-106214	GW214-202	4/8/2020	N	478.95 ft	4838	North of Ridgecrest	WG	2Q2020	1295513	SW6010C
KAFB-106105	GW105-202	4/8/2020	N	484.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295491	E300.0
KAFB-106105	GW105-202	4/8/2020	N	484.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295491	E300.0
KAFB-106105	GW105-202	4/8/2020	N	484.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295491	E300.0
KAFB-106105	GW105-202	4/8/2020	N	484.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295491	E353.2
KAFB-106105	GW105-202	4/8/2020	N	484.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295491	SM2320B
KAFB-106105	GW105-202	4/8/2020	N	484.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295491	SM2320B
KAFB-106105	GW105-202	4/8/2020	N	484.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295491	SM2320B
KAFB-106105	GW105-202	4/8/2020	N	484.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295491	SW6010C
KAFB-106105	GW105-202	4/8/2020	N	484.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295491	SW6010C
KAFB-106105	GW105-202	4/8/2020	N	484.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295491	SW6010C
KAFB-106105	GW105-202	4/8/2020	N	484.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295491	SW6010C
KAFB-106105	GW105-202	4/8/2020	N	484.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295491	SW6020A
KAFB-106105	GW105-202	4/8/2020	N	484.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295491	SW6020A
KAFB-106105	GW105-202	4/8/2020	N	484.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295491	SW8011
KAFB-106105	GW105-202	4/8/2020	N	484.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295492	SW6010C
KAFB-106105	GW105-202	4/8/2020	N	484.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295492	SW6010C
KAFB-106213	GW213-202	4/8/2020	N	451.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295532	E300.0
KAFB-106213	GW213-202	4/8/2020	N	451.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295532	E300.0
KAFB-106213	GW213-202	4/8/2020	N	451.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295532	E300.0
KAFB-106213	GW213-202	4/8/2020	N	451.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295532	E353.2
KAFB-106213	GW213-202	4/8/2020	N	451.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295532	SM2320B
KAFB-106213	GW213-202	4/8/2020	N	451.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295532	SM2320B
KAFB-106213	GW213-202	4/8/2020	N	451.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295532	SM2320B
KAFB-106213	GW213-202	4/8/2020	N	451.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295532	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106213	GW213-202	4/8/2020	N	451.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295532	SW6010C
KAFB-106213	GW213-202	4/8/2020	N	451.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295532	SW6010C
KAFB-106213	GW213-202	4/8/2020	N	451.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295532	SW6010C
KAFB-106213	GW213-202	4/8/2020	N	451.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295532	SW6020A
KAFB-106213	GW213-202	4/8/2020	N	451.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295532	SW6020A
KAFB-106213	GW213-202	4/8/2020	N	451.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295532	SW8011
KAFB-106213	GW213-202	4/8/2020	N	451.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295533	SW6010C
KAFB-106213	GW213-202	4/8/2020	N	451.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295533	SW6010C
KAFB-106106	GW106-202	4/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295476	E300.0
KAFB-106106	GW106-202	4/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295476	E300.0
KAFB-106106	GW106-202	4/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295476	E300.0
KAFB-106106	GW106-202	4/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295476	E353.2
KAFB-106106	GW106-202	4/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295476	SM2320B
KAFB-106106	GW106-202	4/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295476	SM2320B
KAFB-106106	GW106-202	4/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295476	SM2320B
KAFB-106106	GW106-202	4/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295476	SW6010C
KAFB-106106	GW106-202	4/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295476	SW6010C
KAFB-106106	GW106-202	4/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295476	SW6010C
KAFB-106106	GW106-202	4/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295476	SW6010C
KAFB-106106	GW106-202	4/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295476	SW6020A
KAFB-106106	GW106-202	4/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295476	SW6020A
KAFB-106106	GW106-202	4/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295476	SW8011
KAFB-106106	GW106-202	4/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295477	SW6010C
KAFB-106106	GW106-202	4/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295477	SW6010C
KAFB-106106	GW106-602	4/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295478	E300.0
KAFB-106106	GW106-602	4/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295478	E300.0
KAFB-106106	GW106-602	4/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295478	E300.0
KAFB-106106	GW106-602	4/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295478	E353.2
KAFB-106106	GW106-602	4/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295478	E353.2
KAFB-106106	GW106-602	4/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295478	SM2320B
KAFB-106106	GW106-602	4/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295478	SM2320B
KAFB-106106	GW106-602	4/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295478	SM2320B
KAFB-106106	GW106-602	4/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295478	SW6010C
KAFB-106106	GW106-602	4/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295478	SW6010C
KAFB-106106	GW106-602	4/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295478	SW6010C
KAFB-106106	GW106-602	4/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295478	SW6010C
KAFB-106106	GW106-602	4/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295478	SW6020A
KAFB-106106	GW106-602	4/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295478	SW6020A
KAFB-106106	GW106-602	4/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295478	SW8011
KAFB-106106	GW106-602	4/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295479	SW6010C
KAFB-106106	GW106-602	4/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	2Q2020	1295479	SW6010C
KAFB-106037	GW037-202	4/8/2020	N	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295486	E300.0
KAFB-106037	GW037-202	4/8/2020	N	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295486	E300.0
KAFB-106037	GW037-202	4/8/2020	N	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295486	E300.0
KAFB-106037	GW037-202	4/8/2020	N	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295486	E353.2
KAFB-106037	GW037-202	4/8/2020	N	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295486	SM2320B
KAFB-106037	GW037-202	4/8/2020	N	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295486	SM2320B
KAFB-106037	GW037-202	4/8/2020	N	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295486	SM2320B
KAFB-106037	GW037-202	4/8/2020	N	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295486	SW6010C
KAFB-106037	GW037-202	4/8/2020	N	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295486	SW6010C
KAFB-106037	GW037-202	4/8/2020	N	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295486	SW6010C
KAFB-106037	GW037-202	4/8/2020	N	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295486	SW6010C
KAFB-106037	GW037-202	4/8/2020	N	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295486	SW6020A
KAFB-106037	GW037-202	4/8/2020	N	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295486	SW6020A
KAFB-106037	GW037-202	4/8/2020	N	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295486	SW8011
KAFB-106037	GW037-202	4/8/2020	N	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295487	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106037	GW037-202	4/8/2020	N	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295487	SW6010C
KAFB-106037	GW037-602	4/8/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295488	E300.0
KAFB-106037	GW037-602	4/8/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295488	E300.0
KAFB-106037	GW037-602	4/8/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295488	E300.0
KAFB-106037	GW037-602	4/8/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295488	E353.2
KAFB-106037	GW037-602	4/8/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295488	SM2320B
KAFB-106037	GW037-602	4/8/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295488	SM2320B
KAFB-106037	GW037-602	4/8/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295488	SM2320B
KAFB-106037	GW037-602	4/8/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295488	SW6010C
KAFB-106037	GW037-602	4/8/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295488	SW6010C
KAFB-106037	GW037-602	4/8/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295488	SW6010C
KAFB-106037	GW037-602	4/8/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295488	SW6010C
KAFB-106037	GW037-602	4/8/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295488	SW6020A
KAFB-106037	GW037-602	4/8/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295488	SW6020A
KAFB-106037	GW037-602	4/8/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295488	SW8011
KAFB-106037	GW037-602	4/8/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295489	SW6010C
KAFB-106037	GW037-602	4/8/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	2Q2020	1295489	SW6010C
KAFB-106092	GW092-202	4/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295507	E300.0
KAFB-106092	GW092-202	4/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295507	E300.0
KAFB-106092	GW092-202	4/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295507	E300.0
KAFB-106092	GW092-202	4/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295507	E353.2
KAFB-106092	GW092-202	4/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295507	SM2320B
KAFB-106092	GW092-202	4/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295507	SM2320B
KAFB-106092	GW092-202	4/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295507	SM2320B
KAFB-106092	GW092-202	4/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295507	SW6010C
KAFB-106092	GW092-202	4/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295507	SW6010C
KAFB-106092	GW092-202	4/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295507	SW6010C
KAFB-106092	GW092-202	4/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295507	SW6010C
KAFB-106092	GW092-202	4/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295507	SW6020A
KAFB-106092	GW092-202	4/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295507	SW6020A
KAFB-106092	GW092-202	4/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295507	SW8011
KAFB-106092	GW092-202	4/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295508	SW6010C
KAFB-106092	GW092-202	4/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	2Q2020	1295508	SW6010C
KAFB-106036	GW036-202	4/8/2020	N	482.58 ft	4838	North of Ridgecrest	WG	2Q2020	1295537	E300.0
KAFB-106036	GW036-202	4/8/2020	N	482.58 ft	4838	North of Ridgecrest	WG	2Q2020	1295537	E300.0
KAFB-106036	GW036-202	4/8/2020	N	482.58 ft	4838	North of Ridgecrest	WG	2Q2020	1295537	E300.0
KAFB-106036	GW036-202	4/8/2020	N	482.58 ft	4838	North of Ridgecrest	WG	2Q2020	1295537	E353.2
KAFB-106036	GW036-202	4/8/2020	N	482.58 ft	4838	North of Ridgecrest	WG	2Q2020	1295537	SM2320B
KAFB-106036	GW036-202	4/8/2020	N	482.58 ft	4838	North of Ridgecrest	WG	2Q2020	1295537	SM2320B
KAFB-106036	GW036-202	4/8/2020	N	482.58 ft	4838	North of Ridgecrest	WG	2Q2020	1295537	SM2320B
KAFB-106036	GW036-202	4/8/2020	N	482.58 ft	4838	North of Ridgecrest	WG	2Q2020	1295537	SW6010C
KAFB-106036	GW036-202	4/8/2020	N	482.58 ft	4838	North of Ridgecrest	WG	2Q2020	1295537	SW6010C
KAFB-106036	GW036-202	4/8/2020	N	482.58 ft	4838	North of Ridgecrest	WG	2Q2020	1295537	SW6010C
KAFB-106036	GW036-202	4/8/2020	N	482.58 ft	4838	North of Ridgecrest	WG	2Q2020	1295537	SW6010C
KAFB-106036	GW036-202	4/8/2020	N	482.58 ft	4838	North of Ridgecrest	WG	2Q2020	1295537	SW6020A
KAFB-106036	GW036-202	4/8/2020	N	482.58 ft	4838	North of Ridgecrest	WG	2Q2020	1295537	SW6020A
KAFB-106036	GW036-202	4/8/2020	N	482.58 ft	4838	North of Ridgecrest	WG	2Q2020	1295537	SW8011
KAFB-106036	GW036-202	4/8/2020	N	482.58 ft	4838	North of Ridgecrest	WG	2Q2020	1295538	SW6010C
KAFB-106036	GW036-202	4/8/2020	N	482.58 ft	4838	North of Ridgecrest	WG	2Q2020	1295538	SW6010C
KAFB-106093	GW093-202	4/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295505	E300.0
KAFB-106093	GW093-202	4/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295505	E300.0
KAFB-106093	GW093-202	4/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295505	E300.0
KAFB-106093	GW093-202	4/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295505	E353.2
KAFB-106093	GW093-202	4/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295505	SM2320B
KAFB-106093	GW093-202	4/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295505	SM2320B

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106093	GW093-202	4/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295505	SM2320B
KAFB-106093	GW093-202	4/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295505	SW6010C
KAFB-106093	GW093-202	4/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295505	SW6010C
KAFB-106093	GW093-202	4/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295505	SW6010C
KAFB-106093	GW093-202	4/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295505	SW6010C
KAFB-106093	GW093-202	4/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295505	SW6020A
KAFB-106093	GW093-202	4/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295505	SW6020A
KAFB-106093	GW093-202	4/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295505	SW8011
KAFB-106093	GW093-202	4/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295506	SW6010C
KAFB-106093	GW093-202	4/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	2Q2020	1295506	SW6010C
KAFB-106035	GW035-202	4/8/2020	N	452.83 ft	4857	North of Ridgecrest	WG	2Q2020	1295535	E300.0
KAFB-106035	GW035-202	4/8/2020	N	452.83 ft	4857	North of Ridgecrest	WG	2Q2020	1295535	E300.0
KAFB-106035	GW035-202	4/8/2020	N	452.83 ft	4857	North of Ridgecrest	WG	2Q2020	1295535	E300.0
KAFB-106035	GW035-202	4/8/2020	N	452.83 ft	4857	North of Ridgecrest	WG	2Q2020	1295535	E353.2
KAFB-106035	GW035-202	4/8/2020	N	452.83 ft	4857	North of Ridgecrest	WG	2Q2020	1295535	SM2320B
KAFB-106035	GW035-202	4/8/2020	N	452.83 ft	4857	North of Ridgecrest	WG	2Q2020	1295535	SM2320B
KAFB-106035	GW035-202	4/8/2020	N	452.83 ft	4857	North of Ridgecrest	WG	2Q2020	1295535	SM2320B
KAFB-106035	GW035-202	4/8/2020	N	452.83 ft	4857	North of Ridgecrest	WG	2Q2020	1295535	SW6010C
KAFB-106035	GW035-202	4/8/2020	N	452.83 ft	4857	North of Ridgecrest	WG	2Q2020	1295535	SW6010C
KAFB-106035	GW035-202	4/8/2020	N	452.83 ft	4857	North of Ridgecrest	WG	2Q2020	1295535	SW6010C
KAFB-106035	GW035-202	4/8/2020	N	452.83 ft	4857	North of Ridgecrest	WG	2Q2020	1295535	SW6010C
KAFB-106035	GW035-202	4/8/2020	N	452.83 ft	4857	North of Ridgecrest	WG	2Q2020	1295535	SW6020A
KAFB-106035	GW035-202	4/8/2020	N	452.83 ft	4857	North of Ridgecrest	WG	2Q2020	1295535	SW6020A
KAFB-106035	GW035-202	4/8/2020	N	452.83 ft	4857	North of Ridgecrest	WG	2Q2020	1295535	SW8011
KAFB-106035	GW035-202	4/8/2020	N	452.83 ft	4857	North of Ridgecrest	WG	2Q2020	1295536	SW6010C
KAFB-106035	GW035-202	4/8/2020	N	452.83 ft	4857	North of Ridgecrest	WG	2Q2020	1295536	SW6010C
KAFB-106091	GW091-202	4/8/2020	N	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295520	E300.0
KAFB-106091	GW091-202	4/8/2020	N	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295520	E300.0
KAFB-106091	GW091-202	4/8/2020	N	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295520	E300.0
KAFB-106091	GW091-202	4/8/2020	N	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295520	E353.2
KAFB-106091	GW091-202	4/8/2020	N	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295520	SM2320B
KAFB-106091	GW091-202	4/8/2020	N	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295520	SM2320B
KAFB-106091	GW091-202	4/8/2020	N	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295520	SM2320B
KAFB-106091	GW091-202	4/8/2020	N	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295520	SW6010C
KAFB-106091	GW091-202	4/8/2020	N	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295520	SW6010C
KAFB-106091	GW091-202	4/8/2020	N	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295520	SW6010C
KAFB-106091	GW091-202	4/8/2020	N	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295520	SW6010C
KAFB-106091	GW091-202	4/8/2020	N	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295520	SW6020A
KAFB-106091	GW091-202	4/8/2020	N	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295520	SW6020A
KAFB-106091	GW091-202	4/8/2020	N	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295520	SW8011
KAFB-106091	GW091-202	4/8/2020	N	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295521	SW6010C
KAFB-106091	GW091-202	4/8/2020	N	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295521	SW6010C
KAFB-106091	GW091-602	4/8/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295522	E300.0
KAFB-106091	GW091-602	4/8/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295522	E300.0
KAFB-106091	GW091-602	4/8/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295522	E300.0
KAFB-106091	GW091-602	4/8/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295522	E353.2
KAFB-106091	GW091-602	4/8/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295522	SM2320B
KAFB-106091	GW091-602	4/8/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295522	SM2320B
KAFB-106091	GW091-602	4/8/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295522	SM2320B
KAFB-106091	GW091-602	4/8/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295522	SW6010C
KAFB-106091	GW091-602	4/8/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295522	SW6010C
KAFB-106091	GW091-602	4/8/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295522	SW6010C
KAFB-106091	GW091-602	4/8/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295522	SW6010C
KAFB-106091	GW091-602	4/8/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295522	SW6020A
KAFB-106091	GW091-602	4/8/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295522	SW6020A

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106091	GW091-602	4/8/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295522	SW8011
KAFB-106091	GW091-602	4/8/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295523	SW6010C
KAFB-106091	GW091-602	4/8/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	2Q2020	1295523	SW6010C
KAFB-106212	GW212-202	4/8/2020	N	543.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295530	E300.0
KAFB-106212	GW212-202	4/8/2020	N	543.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295530	E300.0
KAFB-106212	GW212-202	4/8/2020	N	543.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295530	E300.0
KAFB-106212	GW212-202	4/8/2020	N	543.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295530	E353.2
KAFB-106212	GW212-202	4/8/2020	N	543.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295530	SM2320B
KAFB-106212	GW212-202	4/8/2020	N	543.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295530	SM2320B
KAFB-106212	GW212-202	4/8/2020	N	543.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295530	SM2320B
KAFB-106212	GW212-202	4/8/2020	N	543.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295530	SW6010C
KAFB-106212	GW212-202	4/8/2020	N	543.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295530	SW6010C
KAFB-106212	GW212-202	4/8/2020	N	543.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295530	SW6010C
KAFB-106212	GW212-202	4/8/2020	N	543.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295530	SW6010C
KAFB-106212	GW212-202	4/8/2020	N	543.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295530	SW6020A
KAFB-106212	GW212-202	4/8/2020	N	543.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295530	SW6020A
KAFB-106212	GW212-202	4/8/2020	N	543.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295530	SW8011
KAFB-106212	GW212-202	4/8/2020	N	543.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295531	SW6010C
KAFB-106212	GW212-202	4/8/2020	N	543.9 ft	4814	North of Ridgecrest	WG	2Q2020	1295531	SW6010C
KAFB-106241-428	GW241-428-202	4/9/2020	N	452.2 ft	4857	North of Ridgecrest	WG	2Q2020	1296415	E300.0
KAFB-106241-428	GW241-428-202	4/9/2020	N	452.2 ft	4857	North of Ridgecrest	WG	2Q2020	1296415	E300.0
KAFB-106241-428	GW241-428-202	4/9/2020	N	452.2 ft	4857	North of Ridgecrest	WG	2Q2020	1296415	E300.0
KAFB-106241-428	GW241-428-202	4/9/2020	N	452.2 ft	4857	North of Ridgecrest	WG	2Q2020	1296415	E353.2
KAFB-106241-428	GW241-428-202	4/9/2020	N	452.2 ft	4857	North of Ridgecrest	WG	2Q2020	1296415	SM2320B
KAFB-106241-428	GW241-428-202	4/9/2020	N	452.2 ft	4857	North of Ridgecrest	WG	2Q2020	1296415	SM2320B
KAFB-106241-428	GW241-428-202	4/9/2020	N	452.2 ft	4857	North of Ridgecrest	WG	2Q2020	1296415	SM2320B
KAFB-106241-428	GW241-428-202	4/9/2020	N	452.2 ft	4857	North of Ridgecrest	WG	2Q2020	1296415	SW6010C
KAFB-106241-428	GW241-428-202	4/9/2020	N	452.2 ft	4857	North of Ridgecrest	WG	2Q2020	1296415	SW6010C
KAFB-106241-428	GW241-428-202	4/9/2020	N	452.2 ft	4857	North of Ridgecrest	WG	2Q2020	1296415	SW6010C
KAFB-106241-428	GW241-428-202	4/9/2020	N	452.2 ft	4857	North of Ridgecrest	WG	2Q2020	1296415	SW6010C
KAFB-106241-428	GW241-428-202	4/9/2020	N	452.2 ft	4857	North of Ridgecrest	WG	2Q2020	1296415	SW6020A
KAFB-106241-428	GW241-428-202	4/9/2020	N	452.2 ft	4857	North of Ridgecrest	WG	2Q2020	1296415	SW6020A
KAFB-106241-428	GW241-428-202	4/9/2020	N	452.2 ft	4857	North of Ridgecrest	WG	2Q2020	1296415	SW8011
KAFB-106241-428	GW241-428-202	4/9/2020	N	452.2 ft	4857	North of Ridgecrest	WG	2Q2020	1296416	SW6010C
KAFB-106241-428	GW241-428-202	4/9/2020	N	452.2 ft	4857	North of Ridgecrest	WG	2Q2020	1296416	SW6010C
KAFB-106243-425	GW243-425-202	4/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	2Q2020	1296417	E300.0
KAFB-106243-425	GW243-425-202	4/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	2Q2020	1296417	E300.0
KAFB-106243-425	GW243-425-202	4/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	2Q2020	1296417	E300.0
KAFB-106243-425	GW243-425-202	4/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	2Q2020	1296417	E353.2
KAFB-106243-425	GW243-425-202	4/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	2Q2020	1296417	SM2320B
KAFB-106243-425	GW243-425-202	4/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	2Q2020	1296417	SM2320B
KAFB-106243-425	GW243-425-202	4/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	2Q2020	1296417	SM2320B
KAFB-106243-425	GW243-425-202	4/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	2Q2020	1296417	SW6010C
KAFB-106243-425	GW243-425-202	4/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	2Q2020	1296417	SW6010C
KAFB-106243-425	GW243-425-202	4/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	2Q2020	1296417	SW6010C
KAFB-106243-425	GW243-425-202	4/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	2Q2020	1296417	SW6010C
KAFB-106243-425	GW243-425-202	4/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	2Q2020	1296417	SW6020A
KAFB-106243-425	GW243-425-202	4/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	2Q2020	1296417	SW6020A
KAFB-106243-425	GW243-425-202	4/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	2Q2020	1296417	SW8011
KAFB-106243-425	GW243-425-202	4/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	2Q2020	1296418	SW6010C
KAFB-106243-425	GW243-425-202	4/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	2Q2020	1296418	SW6010C
KAFB-106058	GW058-202	4/9/2020	N	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296434	E300.0
KAFB-106058	GW058-202	4/9/2020	N	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296434	E300.0
KAFB-106058	GW058-202	4/9/2020	N	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296434	E300.0
KAFB-106058	GW058-202	4/9/2020	N	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296434	E353.2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106058	GW058-202	4/9/2020	N	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296434	SM2320B
KAFB-106058	GW058-202	4/9/2020	N	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296434	SM2320B
KAFB-106058	GW058-202	4/9/2020	N	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296434	SM2320B
KAFB-106058	GW058-202	4/9/2020	N	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296434	SW6010C
KAFB-106058	GW058-202	4/9/2020	N	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296434	SW6010C
KAFB-106058	GW058-202	4/9/2020	N	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296434	SW6010C
KAFB-106058	GW058-202	4/9/2020	N	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296434	SW6010C
KAFB-106058	GW058-202	4/9/2020	N	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296434	SW6020A
KAFB-106058	GW058-202	4/9/2020	N	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296434	SW6020A
KAFB-106058	GW058-202	4/9/2020	N	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296434	SW8011
KAFB-106058	GW058-202	4/9/2020	N	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296435	SW6010C
KAFB-106058	GW058-202	4/9/2020	N	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296435	SW6010C
KAFB-106058	GW058-602	4/9/2020	FD	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296436	E300.0
KAFB-106058	GW058-602	4/9/2020	FD	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296436	E300.0
KAFB-106058	GW058-602	4/9/2020	FD	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296436	E300.0
KAFB-106058	GW058-602	4/9/2020	FD	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296436	E353.2
KAFB-106058	GW058-602	4/9/2020	FD	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296436	SM2320B
KAFB-106058	GW058-602	4/9/2020	FD	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296436	SM2320B
KAFB-106058	GW058-602	4/9/2020	FD	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296436	SM2320B
KAFB-106058	GW058-602	4/9/2020	FD	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296436	SW6010C
KAFB-106058	GW058-602	4/9/2020	FD	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296436	SW6010C
KAFB-106058	GW058-602	4/9/2020	FD	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296436	SW6010C
KAFB-106058	GW058-602	4/9/2020	FD	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296436	SW6010C
KAFB-106058	GW058-602	4/9/2020	FD	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296436	SW6020A
KAFB-106058	GW058-602	4/9/2020	FD	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296436	SW6020A
KAFB-106058	GW058-602	4/9/2020	FD	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296436	SW8011
KAFB-106058	GW058-602	4/9/2020	FD	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296437	SW6010C
KAFB-106058	GW058-602	4/9/2020	FD	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296437	SW6010C
KAFB-106058	GW058-602	4/9/2020	FD	512.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296437	SW6010C
KAFB-106090	GW090-202	4/9/2020	N	555.78 ft	4814	North of Ridgecrest	WG	2Q2020	1296456	E300.0
KAFB-106090	GW090-202	4/9/2020	N	555.78 ft	4814	North of Ridgecrest	WG	2Q2020	1296456	E300.0
KAFB-106090	GW090-202	4/9/2020	N	555.78 ft	4814	North of Ridgecrest	WG	2Q2020	1296456	E300.0
KAFB-106090	GW090-202	4/9/2020	N	555.78 ft	4814	North of Ridgecrest	WG	2Q2020	1296456	E353.2
KAFB-106090	GW090-202	4/9/2020	N	555.78 ft	4814	North of Ridgecrest	WG	2Q2020	1296456	SM2320B
KAFB-106090	GW090-202	4/9/2020	N	555.78 ft	4814	North of Ridgecrest	WG	2Q2020	1296456	SM2320B
KAFB-106090	GW090-202	4/9/2020	N	555.78 ft	4814	North of Ridgecrest	WG	2Q2020	1296456	SM2320B
KAFB-106090	GW090-202	4/9/2020	N	555.78 ft	4814	North of Ridgecrest	WG	2Q2020	1296456	SW6010C
KAFB-106090	GW090-202	4/9/2020	N	555.78 ft	4814	North of Ridgecrest	WG	2Q2020	1296456	SW6010C
KAFB-106090	GW090-202	4/9/2020	N	555.78 ft	4814	North of Ridgecrest	WG	2Q2020	1296456	SW6010C
KAFB-106090	GW090-202	4/9/2020	N	555.78 ft	4814	North of Ridgecrest	WG	2Q2020	1296456	SW6010C
KAFB-106090	GW090-202	4/9/2020	N	555.78 ft	4814	North of Ridgecrest	WG	2Q2020	1296456	SW6020A
KAFB-106090	GW090-202	4/9/2020	N	555.78 ft	4814	North of Ridgecrest	WG	2Q2020	1296456	SW6020A
KAFB-106090	GW090-202	4/9/2020	N	555.78 ft	4814	North of Ridgecrest	WG	2Q2020	1296456	SW8011
KAFB-106090	GW090-202	4/9/2020	N	555.78 ft	4814	North of Ridgecrest	WG	2Q2020	1296457	SW6010C
KAFB-106090	GW090-202	4/9/2020	N	555.78 ft	4814	North of Ridgecrest	WG	2Q2020	1296457	SW6010C
KAFB-106089	GW089-202	4/9/2020	N	482.26 ft	4838	North of Ridgecrest	WG	2Q2020	1296454	E300.0
KAFB-106089	GW089-202	4/9/2020	N	482.26 ft	4838	North of Ridgecrest	WG	2Q2020	1296454	E300.0
KAFB-106089	GW089-202	4/9/2020	N	482.26 ft	4838	North of Ridgecrest	WG	2Q2020	1296454	E300.0
KAFB-106089	GW089-202	4/9/2020	N	482.26 ft	4838	North of Ridgecrest	WG	2Q2020	1296454	E353.2
KAFB-106089	GW089-202	4/9/2020	N	482.26 ft	4838	North of Ridgecrest	WG	2Q2020	1296454	SM2320B
KAFB-106089	GW089-202	4/9/2020	N	482.26 ft	4838	North of Ridgecrest	WG	2Q2020	1296454	SM2320B
KAFB-106089	GW089-202	4/9/2020	N	482.26 ft	4838	North of Ridgecrest	WG	2Q2020	1296454	SM2320B
KAFB-106089	GW089-202	4/9/2020	N	482.26 ft	4838	North of Ridgecrest	WG	2Q2020	1296454	SW6010C
KAFB-106089	GW089-202	4/9/2020	N	482.26 ft	4838	North of Ridgecrest	WG	2Q2020	1296454	SW6010C
KAFB-106089	GW089-202	4/9/2020	N	482.26 ft	4838	North of Ridgecrest	WG	2Q2020	1296454	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106089	GW089-202	4/9/2020	N	482.26 ft	4838	North of Ridgecrest	WG	2Q2020	1296454	SW6020A
KAFB-106089	GW089-202	4/9/2020	N	482.26 ft	4838	North of Ridgecrest	WG	2Q2020	1296454	SW6020A
KAFB-106089	GW089-202	4/9/2020	N	482.26 ft	4838	North of Ridgecrest	WG	2Q2020	1296454	SW8011
KAFB-106089	GW089-202	4/9/2020	N	482.26 ft	4838	North of Ridgecrest	WG	2Q2020	1296455	SW6010C
KAFB-106089	GW089-202	4/9/2020	N	482.26 ft	4838	North of Ridgecrest	WG	2Q2020	1296455	SW6010C
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	E300.0
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	E300.0
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	E300.0
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	E353.2
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	SM2320B
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	SM2320B
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	SM2320B
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	SW6010C
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	SW6010C
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	SW6010C
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	SW6010C
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	SW6020A
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	SW6020A
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	SW8011
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	SW8260C
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	SW8260C
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	SW8260C
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296420	SW8260C
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296424	SW6010C
KAFB-106240-449	GW240-449-202	4/9/2020	N	473.14 ft	4857	South of Ridgecrest	WG	2Q2020	1296424	SW6010C
KAFB-106088	GW088-202	4/9/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296444	E300.0
KAFB-106088	GW088-202	4/9/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296444	E300.0
KAFB-106088	GW088-202	4/9/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296444	E300.0
KAFB-106088	GW088-202	4/9/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296444	E300.0
KAFB-106088	GW088-202	4/9/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296444	E353.2
KAFB-106088	GW088-202	4/9/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296444	SM2320B
KAFB-106088	GW088-202	4/9/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296444	SM2320B
KAFB-106088	GW088-202	4/9/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296444	SM2320B
KAFB-106088	GW088-202	4/9/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296444	SW6010C
KAFB-106088	GW088-202	4/9/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296444	SW6010C
KAFB-106088	GW088-202	4/9/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296444	SW6010C
KAFB-106088	GW088-202	4/9/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296444	SW6010C
KAFB-106088	GW088-202	4/9/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296444	SW6020A
KAFB-106088	GW088-202	4/9/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296444	SW6020A
KAFB-106088	GW088-202	4/9/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296444	SW8011
KAFB-106088	GW088-202	4/9/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296445	SW6010C
KAFB-106088	GW088-202	4/9/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296445	SW6010C
KAFB-106088	GW088-602	4/9/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296446	E300.0
KAFB-106088	GW088-602	4/9/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296446	E300.0
KAFB-106088	GW088-602	4/9/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296446	E300.0
KAFB-106088	GW088-602	4/9/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296446	E353.2
KAFB-106088	GW088-602	4/9/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296446	SM2320B
KAFB-106088	GW088-602	4/9/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296446	SM2320B
KAFB-106088	GW088-602	4/9/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296446	SM2320B
KAFB-106088	GW088-602	4/9/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296446	SW6010C
KAFB-106088	GW088-602	4/9/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296446	SW6010C
KAFB-106088	GW088-602	4/9/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296446	SW6010C
KAFB-106088	GW088-602	4/9/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296446	SW6020A
KAFB-106088	GW088-602	4/9/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296446	SW6020A
KAFB-106088	GW088-602	4/9/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296446	SW8011

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106088	GW088-602	4/9/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296447	SW6010C
KAFB-106088	GW088-602	4/9/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296447	SW6010C
KAFB-106049	GW049-202	4/9/2020	N	457.5 ft	4857	North of Ridgecrest	WG	2Q2020	1296466	E300.0
KAFB-106049	GW049-202	4/9/2020	N	457.5 ft	4857	North of Ridgecrest	WG	2Q2020	1296466	E300.0
KAFB-106049	GW049-202	4/9/2020	N	457.5 ft	4857	North of Ridgecrest	WG	2Q2020	1296466	E300.0
KAFB-106049	GW049-202	4/9/2020	N	457.5 ft	4857	North of Ridgecrest	WG	2Q2020	1296466	E353.2
KAFB-106049	GW049-202	4/9/2020	N	457.5 ft	4857	North of Ridgecrest	WG	2Q2020	1296466	SM2320B
KAFB-106049	GW049-202	4/9/2020	N	457.5 ft	4857	North of Ridgecrest	WG	2Q2020	1296466	SM2320B
KAFB-106049	GW049-202	4/9/2020	N	457.5 ft	4857	North of Ridgecrest	WG	2Q2020	1296466	SM2320B
KAFB-106049	GW049-202	4/9/2020	N	457.5 ft	4857	North of Ridgecrest	WG	2Q2020	1296466	SW6010C
KAFB-106049	GW049-202	4/9/2020	N	457.5 ft	4857	North of Ridgecrest	WG	2Q2020	1296466	SW6010C
KAFB-106049	GW049-202	4/9/2020	N	457.5 ft	4857	North of Ridgecrest	WG	2Q2020	1296466	SW6010C
KAFB-106049	GW049-202	4/9/2020	N	457.5 ft	4857	North of Ridgecrest	WG	2Q2020	1296466	SW6010C
KAFB-106049	GW049-202	4/9/2020	N	457.5 ft	4857	North of Ridgecrest	WG	2Q2020	1296466	SW6020A
KAFB-106049	GW049-202	4/9/2020	N	457.5 ft	4857	North of Ridgecrest	WG	2Q2020	1296466	SW6020A
KAFB-106049	GW049-202	4/9/2020	N	457.5 ft	4857	North of Ridgecrest	WG	2Q2020	1296466	SW8011
KAFB-106049	GW049-202	4/9/2020	N	457.5 ft	4857	North of Ridgecrest	WG	2Q2020	1296467	SW6010C
KAFB-106049	GW049-202	4/9/2020	N	457.5 ft	4857	North of Ridgecrest	WG	2Q2020	1296467	SW6010C
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296429	E300.0
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296429	E300.0
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296429	E300.0
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296429	E353.2
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296429	SM2320B
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296429	SM2320B
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296429	SM2320B
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296429	SW6010C
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296429	SW6010C
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296429	SW6010C
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296429	SW6020A
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296429	SW6020A
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296429	SW8011
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296429	SW8260C
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296429	SW8260C
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296429	SW8260C
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296429	SW8260C
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296430	SW6010C
KAFB-106244-445	GW244-445-202	4/9/2020	N	469.19 ft	4857	South of Ridgecrest	WG	2Q2020	1296430	SW6010C
KAFB-106051	GW051-202	4/9/2020	N	501.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296469	E300.0
KAFB-106051	GW051-202	4/9/2020	N	501.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296469	E300.0
KAFB-106051	GW051-202	4/9/2020	N	501.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296469	E300.0
KAFB-106051	GW051-202	4/9/2020	N	501.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296469	E353.2
KAFB-106051	GW051-202	4/9/2020	N	501.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296469	SM2320B
KAFB-106051	GW051-202	4/9/2020	N	501.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296469	SM2320B
KAFB-106051	GW051-202	4/9/2020	N	501.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296469	SM2320B
KAFB-106051	GW051-202	4/9/2020	N	501.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296469	SW6010C
KAFB-106051	GW051-202	4/9/2020	N	501.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296469	SW6010C
KAFB-106051	GW051-202	4/9/2020	N	501.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296469	SW6010C
KAFB-106051	GW051-202	4/9/2020	N	501.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296469	SW6010C
KAFB-106051	GW051-202	4/9/2020	N	501.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296469	SW6020A
KAFB-106051	GW051-202	4/9/2020	N	501.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296469	SW6020A
KAFB-106051	GW051-202	4/9/2020	N	501.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296469	SW8011
KAFB-106051	GW051-202	4/9/2020	N	501.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296470	SW6010C
KAFB-106051	GW051-202	4/9/2020	N	501.5 ft	4814	North of Ridgecrest	WG	2Q2020	1296470	SW6010C
KAFB-106050	GW050-202	4/9/2020	N	475.1 ft	4838	North of Ridgecrest	WG	2Q2020	1296471	E300.0

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106050	GW050-202	4/9/2020	N	475.1 ft	4838	North of Ridgecrest	WG	2Q2020	1296471	E300.0
KAFB-106050	GW050-202	4/9/2020	N	475.1 ft	4838	North of Ridgecrest	WG	2Q2020	1296471	E300.0
KAFB-106050	GW050-202	4/9/2020	N	475.1 ft	4838	North of Ridgecrest	WG	2Q2020	1296471	E353.2
KAFB-106050	GW050-202	4/9/2020	N	475.1 ft	4838	North of Ridgecrest	WG	2Q2020	1296471	SM2320B
KAFB-106050	GW050-202	4/9/2020	N	475.1 ft	4838	North of Ridgecrest	WG	2Q2020	1296471	SM2320B
KAFB-106050	GW050-202	4/9/2020	N	475.1 ft	4838	North of Ridgecrest	WG	2Q2020	1296471	SM2320B
KAFB-106050	GW050-202	4/9/2020	N	475.1 ft	4838	North of Ridgecrest	WG	2Q2020	1296471	SW6010C
KAFB-106050	GW050-202	4/9/2020	N	475.1 ft	4838	North of Ridgecrest	WG	2Q2020	1296471	SW6010C
KAFB-106050	GW050-202	4/9/2020	N	475.1 ft	4838	North of Ridgecrest	WG	2Q2020	1296471	SW6010C
KAFB-106050	GW050-202	4/9/2020	N	475.1 ft	4838	North of Ridgecrest	WG	2Q2020	1296471	SW6010C
KAFB-106050	GW050-202	4/9/2020	N	475.1 ft	4838	North of Ridgecrest	WG	2Q2020	1296471	SW6020A
KAFB-106050	GW050-202	4/9/2020	N	475.1 ft	4838	North of Ridgecrest	WG	2Q2020	1296471	SW6020A
KAFB-106050	GW050-202	4/9/2020	N	475.1 ft	4838	North of Ridgecrest	WG	2Q2020	1296471	SW8011
KAFB-106050	GW050-202	4/9/2020	N	475.1 ft	4838	North of Ridgecrest	WG	2Q2020	1296472	SW6010C
KAFB-106050	GW050-202	4/9/2020	N	475.1 ft	4838	North of Ridgecrest	WG	2Q2020	1296472	SW6010C
KAFB-106043	GW043-202	4/9/2020	N	543.7 ft	4814	North of Ridgecrest	WG	2Q2020	1296464	E300.0
KAFB-106043	GW043-202	4/9/2020	N	543.7 ft	4814	North of Ridgecrest	WG	2Q2020	1296464	E300.0
KAFB-106043	GW043-202	4/9/2020	N	543.7 ft	4814	North of Ridgecrest	WG	2Q2020	1296464	E300.0
KAFB-106043	GW043-202	4/9/2020	N	543.7 ft	4814	North of Ridgecrest	WG	2Q2020	1296464	E353.2
KAFB-106043	GW043-202	4/9/2020	N	543.7 ft	4814	North of Ridgecrest	WG	2Q2020	1296464	SM2320B
KAFB-106043	GW043-202	4/9/2020	N	543.7 ft	4814	North of Ridgecrest	WG	2Q2020	1296464	SM2320B
KAFB-106043	GW043-202	4/9/2020	N	543.7 ft	4814	North of Ridgecrest	WG	2Q2020	1296464	SM2320B
KAFB-106043	GW043-202	4/9/2020	N	543.7 ft	4814	North of Ridgecrest	WG	2Q2020	1296464	SW6010C
KAFB-106043	GW043-202	4/9/2020	N	543.7 ft	4814	North of Ridgecrest	WG	2Q2020	1296464	SW6010C
KAFB-106043	GW043-202	4/9/2020	N	543.7 ft	4814	North of Ridgecrest	WG	2Q2020	1296464	SW6010C
KAFB-106043	GW043-202	4/9/2020	N	543.7 ft	4814	North of Ridgecrest	WG	2Q2020	1296464	SW6010C
KAFB-106043	GW043-202	4/9/2020	N	543.7 ft	4814	North of Ridgecrest	WG	2Q2020	1296464	SW6020A
KAFB-106043	GW043-202	4/9/2020	N	543.7 ft	4814	North of Ridgecrest	WG	2Q2020	1296464	SW6020A
KAFB-106043	GW043-202	4/9/2020	N	543.7 ft	4814	North of Ridgecrest	WG	2Q2020	1296464	SW6020A
KAFB-106043	GW043-202	4/9/2020	N	543.7 ft	4814	North of Ridgecrest	WG	2Q2020	1296464	SW8011
KAFB-106043	GW043-202	4/9/2020	N	543.7 ft	4814	North of Ridgecrest	WG	2Q2020	1296465	SW6010C
KAFB-106043	GW043-202	4/9/2020	N	543.7 ft	4814	North of Ridgecrest	WG	2Q2020	1296465	SW6010C
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	E300.0
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	E300.0
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	E300.0
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	E353.2
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	SM2320B
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	SM2320B
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	SM2320B
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	SW6010C
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	SW6010C
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	SW6010C
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	SW6010C
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	SW6020A
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	SW6020A
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	SW8011
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	SW8260C
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	SW8260C
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	SW8260C
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296431	SW8260C
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296432	SW6010C
KAFB-106245-460	GW245-460-202	4/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	2Q2020	1296432	SW6010C
KAFB-106041	GW041-202	4/9/2020	N	452.3 ft	4857	North of Ridgecrest	WG	2Q2020	1296439	E300.0
KAFB-106041	GW041-202	4/9/2020	N	452.3 ft	4857	North of Ridgecrest	WG	2Q2020	1296439	E300.0
KAFB-106041	GW041-202	4/9/2020	N	452.3 ft	4857	North of Ridgecrest	WG	2Q2020	1296439	E300.0
KAFB-106041	GW041-202	4/9/2020	N	452.3 ft	4857	North of Ridgecrest	WG	2Q2020	1296439	E353.2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106041	GW041-202	4/9/2020	N	452.3 ft	4857	North of Ridgecrest	WG	2Q2020	1296439	SM2320B
KAFB-106041	GW041-202	4/9/2020	N	452.3 ft	4857	North of Ridgecrest	WG	2Q2020	1296439	SM2320B
KAFB-106041	GW041-202	4/9/2020	N	452.3 ft	4857	North of Ridgecrest	WG	2Q2020	1296439	SM2320B
KAFB-106041	GW041-202	4/9/2020	N	452.3 ft	4857	North of Ridgecrest	WG	2Q2020	1296439	SW6010C
KAFB-106041	GW041-202	4/9/2020	N	452.3 ft	4857	North of Ridgecrest	WG	2Q2020	1296439	SW6010C
KAFB-106041	GW041-202	4/9/2020	N	452.3 ft	4857	North of Ridgecrest	WG	2Q2020	1296439	SW6010C
KAFB-106041	GW041-202	4/9/2020	N	452.3 ft	4857	North of Ridgecrest	WG	2Q2020	1296439	SW6010C
KAFB-106041	GW041-202	4/9/2020	N	452.3 ft	4857	North of Ridgecrest	WG	2Q2020	1296439	SW6020A
KAFB-106041	GW041-202	4/9/2020	N	452.3 ft	4857	North of Ridgecrest	WG	2Q2020	1296439	SW6020A
KAFB-106041	GW041-202	4/9/2020	N	452.3 ft	4857	North of Ridgecrest	WG	2Q2020	1296439	SW8011
KAFB-106041	GW041-202	4/9/2020	N	452.3 ft	4857	North of Ridgecrest	WG	2Q2020	1296440	SW6010C
KAFB-106041	GW041-202	4/9/2020	N	452.3 ft	4857	North of Ridgecrest	WG	2Q2020	1296440	SW6010C
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	E300.0
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	E300.0
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	E300.0
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	E353.2
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	SM2320B
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	SM2320B
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	SM2320B
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	SW6010C
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	SW6010C
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	SW6010C
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	SW6010C
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	SW6020A
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	SW6020A
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	SW8011
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	SW8260C
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	SW8260C
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	SW8260C
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296459	SW8260C
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296460	SW6010C
KAFB-106S4-446	GWS4-446-202	4/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	2Q2020	1296460	SW6010C
KAFB-106042	GW042-202	4/9/2020	N	469.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296441	E300.0
KAFB-106042	GW042-202	4/9/2020	N	469.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296441	E300.0
KAFB-106042	GW042-202	4/9/2020	N	469.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296441	E300.0
KAFB-106042	GW042-202	4/9/2020	N	469.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296441	E353.2
KAFB-106042	GW042-202	4/9/2020	N	469.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296441	SM2320B
KAFB-106042	GW042-202	4/9/2020	N	469.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296441	SM2320B
KAFB-106042	GW042-202	4/9/2020	N	469.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296441	SM2320B
KAFB-106042	GW042-202	4/9/2020	N	469.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296441	SW6010C
KAFB-106042	GW042-202	4/9/2020	N	469.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296441	SW6010C
KAFB-106042	GW042-202	4/9/2020	N	469.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296441	SW6010C
KAFB-106042	GW042-202	4/9/2020	N	469.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296441	SW6010C
KAFB-106042	GW042-202	4/9/2020	N	469.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296441	SW6020A
KAFB-106042	GW042-202	4/9/2020	N	469.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296441	SW6020A
KAFB-106042	GW042-202	4/9/2020	N	469.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296441	SW8011
KAFB-106042	GW042-202	4/9/2020	N	469.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296442	SW6010C
KAFB-106042	GW042-202	4/9/2020	N	469.7 ft	4857	North of Ridgecrest	WG	2Q2020	1296442	SW6010C
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296461	E300.0
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296461	E300.0
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296461	E300.0
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296461	SM2320B
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296461	SM2320B
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296461	SM2320B
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296461	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296461	SW6010C
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296461	SW6010C
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296461	SW6010C
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296461	SW6020A
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296461	SW6020A
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296461	SW8011
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296461	SW8260C
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296461	SW8260C
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296461	SW8260C
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296461	SW8260C
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296462	SW6010C
KAFB-106247-450	GW247-450-202	4/9/2020	N	477.42 ft	4857	South of Ridgecrest	WG	2Q2020	1296462	SW6010C
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	E300.0
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	E300.0
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	E300.0
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	E353.2
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	SM2320B
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	SM2320B
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	SM2320B
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	SW6010C
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	SW6010C
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	SW6010C
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	SW6010C
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	SW6020A
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	SW6020A
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	SW8011
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	SW8260C
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	SW8260C
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	SW8260C
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296449	SW8260C
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296450	SW6010C
KAFB-106S1-447	GWS1-447-202	4/9/2020	N	471.12 ft	4857	South of Ridgecrest	WG	2Q2020	1296450	SW6010C
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	E300.0
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	E300.0
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	E300.0
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	E353.2
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	SM2320B
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	SM2320B
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	SM2320B
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	SW6010C
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	SW6010C
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	SW6010C
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	SW6010C
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	SW6020A
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	SW6020A
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	SW8011
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	SW8260C
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	SW8260C
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	SW8260C
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296451	SW8260C
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296452	SW6010C
KAFB-106S2-451	GWS2-451-202	4/9/2020	N	478.15 ft	4857	South of Ridgecrest	WG	2Q2020	1296452	SW6010C
KAFB-106026	GW026-202	4/10/2020	N	466.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297449	E300.0
KAFB-106026	GW026-202	4/10/2020	N	466.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297449	E300.0
KAFB-106026	GW026-202	4/10/2020	N	466.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297449	E300.0

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106026	GW026-202	4/10/2020	N	466.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297449	E353.2
KAFB-106026	GW026-202	4/10/2020	N	466.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297449	SM2320B
KAFB-106026	GW026-202	4/10/2020	N	466.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297449	SM2320B
KAFB-106026	GW026-202	4/10/2020	N	466.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297449	SM2320B
KAFB-106026	GW026-202	4/10/2020	N	466.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297449	SW6010C
KAFB-106026	GW026-202	4/10/2020	N	466.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297449	SW6010C
KAFB-106026	GW026-202	4/10/2020	N	466.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297449	SW6010C
KAFB-106026	GW026-202	4/10/2020	N	466.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297449	SW6010C
KAFB-106026	GW026-202	4/10/2020	N	466.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297449	SW6020A
KAFB-106026	GW026-202	4/10/2020	N	466.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297449	SW6020A
KAFB-106026	GW026-202	4/10/2020	N	466.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297449	SW8011
KAFB-106026	GW026-202	4/10/2020	N	466.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297450	SW6010C
KAFB-106026	GW026-202	4/10/2020	N	466.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297450	SW6010C
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	E300.0
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	E300.0
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	E300.0
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	E353.2
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	SM2320B
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	SM2320B
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	SM2320B
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	SW6010C
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	SW6010C
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	SW6010C
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	SW6010C
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	SW6020A
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	SW6020A
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	SW8011
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	SW8260C
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	SW8260C
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	SW8260C
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297439	SW8260C
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297440	SW6010C
KAFB-106028	GW028-202	4/10/2020	N	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297440	SW6010C
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	E300.0
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	E300.0
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	E300.0
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	E353.2
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	SM2320B
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	SM2320B
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	SM2320B
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	SW6010C
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	SW6010C
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	SW6010C
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	SW6010C
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	SW6020A
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	SW6020A
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	SW8011
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	SW8260C
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	SW8260C
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	SW8260C
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297441	SW8260C
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297442	SW6010C
KAFB-106028	GW028-602	4/10/2020	FD	486.7 ft	4857	South of Ridgecrest	WG	2Q2020	1297442	SW6010C
KAFB-106230	GW230-202	4/10/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297459	E300.0
KAFB-106230	GW230-202	4/10/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297459	E300.0

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106230	GW230-202	4/10/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297459	E300.0
KAFB-106230	GW230-202	4/10/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297459	E353.2
KAFB-106230	GW230-202	4/10/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297459	SM2320B
KAFB-106230	GW230-202	4/10/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297459	SM2320B
KAFB-106230	GW230-202	4/10/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297459	SM2320B
KAFB-106230	GW230-202	4/10/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297459	SW6010C
KAFB-106230	GW230-202	4/10/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297459	SW6010C
KAFB-106230	GW230-202	4/10/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297459	SW6010C
KAFB-106230	GW230-202	4/10/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297459	SW6010C
KAFB-106230	GW230-202	4/10/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297459	SW6020A
KAFB-106230	GW230-202	4/10/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297459	SW6020A
KAFB-106230	GW230-202	4/10/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297459	SW8011
KAFB-106230	GW230-202	4/10/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297460	SW6010C
KAFB-106230	GW230-202	4/10/2020	N	501.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297460	SW6010C
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297466	E300.0
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297466	E300.0
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297466	E300.0
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297466	E353.2
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297466	SM2320B
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297466	SM2320B
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297466	SM2320B
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297466	SW6010C
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297466	SW6010C
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297466	SW6010C
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297466	SW6010C
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297466	SW6020A
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297466	SW6020A
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297466	SW8011
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297466	SW6020A
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297466	SW8011
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297467	SW6010C
KAFB-106207	GW207-202	4/10/2020	N	473.7 ft	4857	North of Ridgecrest	WG	2Q2020	1297467	SW6010C
KAFB-106208	GW208-202	4/10/2020	N	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297444	E300.0
KAFB-106208	GW208-202	4/10/2020	N	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297444	E300.0
KAFB-106208	GW208-202	4/10/2020	N	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297444	E300.0
KAFB-106208	GW208-202	4/10/2020	N	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297444	E353.2
KAFB-106208	GW208-202	4/10/2020	N	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297444	SM2320B
KAFB-106208	GW208-202	4/10/2020	N	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297444	SM2320B
KAFB-106208	GW208-202	4/10/2020	N	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297444	SM2320B
KAFB-106208	GW208-202	4/10/2020	N	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297444	SW6010C
KAFB-106208	GW208-202	4/10/2020	N	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297444	SW6010C
KAFB-106208	GW208-202	4/10/2020	N	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297444	SW6010C
KAFB-106208	GW208-202	4/10/2020	N	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297444	SW6010C
KAFB-106208	GW208-202	4/10/2020	N	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297444	SW6020A
KAFB-106208	GW208-202	4/10/2020	N	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297444	SW6020A
KAFB-106208	GW208-202	4/10/2020	N	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297444	SW8011
KAFB-106208	GW208-202	4/10/2020	N	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297445	SW6010C
KAFB-106208	GW208-202	4/10/2020	N	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297445	SW6010C
KAFB-106208	GW208-602	4/10/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297446	E300.0
KAFB-106208	GW208-602	4/10/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297446	E300.0
KAFB-106208	GW208-602	4/10/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297446	E300.0
KAFB-106208	GW208-602	4/10/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297446	E353.2
KAFB-106208	GW208-602	4/10/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297446	SM2320B
KAFB-106208	GW208-602	4/10/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297446	SM2320B
KAFB-106208	GW208-602	4/10/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297446	SM2320B
KAFB-106208	GW208-602	4/10/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297446	SW6010C
KAFB-106208	GW208-602	4/10/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297446	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106208	GW208-602	4/10/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297446	SW6010C
KAFB-106208	GW208-602	4/10/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297446	SW6010C
KAFB-106208	GW208-602	4/10/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297446	SW6020A
KAFB-106208	GW208-602	4/10/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297446	SW6020A
KAFB-106208	GW208-602	4/10/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297446	SW8011
KAFB-106208	GW208-602	4/10/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297447	SW6010C
KAFB-106208	GW208-602	4/10/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	2Q2020	1297447	SW6010C
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	E300.0
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	E300.0
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	E300.0
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	E353.2
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	SM2320B
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	SM2320B
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	SM2320B
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	SW6010C
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	SW6010C
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	SW6010C
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	SW6010C
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	SW6020A
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	SW6020A
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	SW8011
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	SW8260C
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	SW8260C
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	SW8260C
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297456	SW8260C
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297457	SW6010C
KAFB-106S8-451	GWS8-451-202	4/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	2Q2020	1297457	SW6010C
KAFB-106209	GW209-202	4/10/2020	N	603.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297464	E300.0
KAFB-106209	GW209-202	4/10/2020	N	603.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297464	E300.0
KAFB-106209	GW209-202	4/10/2020	N	603.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297464	E300.0
KAFB-106209	GW209-202	4/10/2020	N	603.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297464	E353.2
KAFB-106209	GW209-202	4/10/2020	N	603.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297464	SM2320B
KAFB-106209	GW209-202	4/10/2020	N	603.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297464	SM2320B
KAFB-106209	GW209-202	4/10/2020	N	603.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297464	SM2320B
KAFB-106209	GW209-202	4/10/2020	N	603.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297464	SW6010C
KAFB-106209	GW209-202	4/10/2020	N	603.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297464	SW6010C
KAFB-106209	GW209-202	4/10/2020	N	603.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297464	SW6010C
KAFB-106209	GW209-202	4/10/2020	N	603.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297464	SW6010C
KAFB-106209	GW209-202	4/10/2020	N	603.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297464	SW6020A
KAFB-106209	GW209-202	4/10/2020	N	603.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297464	SW6020A
KAFB-106209	GW209-202	4/10/2020	N	603.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297464	SW8011
KAFB-106209	GW209-202	4/10/2020	N	603.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297465	SW6010C
KAFB-106209	GW209-202	4/10/2020	N	603.7 ft	4814	North of Ridgecrest	WG	2Q2020	1297465	SW6010C
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	E300.0
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	E300.0
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	E300.0
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	E353.2
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	SM2320B
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	SM2320B
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	SM2320B
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	SW6010C
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	SW6010C
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	SW6010C
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	SW6010C
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	SW6020A

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	SW6020A
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	SW8011
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	SW8260C
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	SW8260C
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	SW8260C
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297454	SW8260C
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297455	SW6010C
KAFB-106S3-449	GWS3-449-202	4/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	2Q2020	1297455	SW6010C
KAFB-106023	GW023-202	4/10/2020	N	473.74 ft	4857	North of Ridgecrest	WG	2Q2020	1297451	E300.0
KAFB-106023	GW023-202	4/10/2020	N	473.74 ft	4857	North of Ridgecrest	WG	2Q2020	1297451	E300.0
KAFB-106023	GW023-202	4/10/2020	N	473.74 ft	4857	North of Ridgecrest	WG	2Q2020	1297451	E300.0
KAFB-106023	GW023-202	4/10/2020	N	473.74 ft	4857	North of Ridgecrest	WG	2Q2020	1297451	E353.2
KAFB-106023	GW023-202	4/10/2020	N	473.74 ft	4857	North of Ridgecrest	WG	2Q2020	1297451	SM2320B
KAFB-106023	GW023-202	4/10/2020	N	473.74 ft	4857	North of Ridgecrest	WG	2Q2020	1297451	SM2320B
KAFB-106023	GW023-202	4/10/2020	N	473.74 ft	4857	North of Ridgecrest	WG	2Q2020	1297451	SM2320B
KAFB-106023	GW023-202	4/10/2020	N	473.74 ft	4857	North of Ridgecrest	WG	2Q2020	1297451	SW6010C
KAFB-106023	GW023-202	4/10/2020	N	473.74 ft	4857	North of Ridgecrest	WG	2Q2020	1297451	SW6010C
KAFB-106023	GW023-202	4/10/2020	N	473.74 ft	4857	North of Ridgecrest	WG	2Q2020	1297451	SW6010C
KAFB-106023	GW023-202	4/10/2020	N	473.74 ft	4857	North of Ridgecrest	WG	2Q2020	1297451	SW6010C
KAFB-106023	GW023-202	4/10/2020	N	473.74 ft	4857	North of Ridgecrest	WG	2Q2020	1297451	SW6020A
KAFB-106023	GW023-202	4/10/2020	N	473.74 ft	4857	North of Ridgecrest	WG	2Q2020	1297451	SW6020A
KAFB-106023	GW023-202	4/10/2020	N	473.74 ft	4857	North of Ridgecrest	WG	2Q2020	1297451	SW8011
KAFB-106023	GW023-202	4/10/2020	N	473.74 ft	4857	North of Ridgecrest	WG	2Q2020	1297452	SW6010C
KAFB-106023	GW023-202	4/10/2020	N	473.74 ft	4857	North of Ridgecrest	WG	2Q2020	1297452	SW6010C
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	E300.0
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	E300.0
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	E300.0
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	E353.2
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	E300.0
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	E353.2
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	SM2320B
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	SM2320B
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	SM2320B
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	SW6010C
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	SW6010C
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	SW6010C
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	SW6010C
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	SW6020A
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	SW6020A
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	SW8011
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	SW8260C
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	SW8260C
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	SW8260C
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297437	SW8260C
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297438	SW6010C
KAFB-106079	GW079-202	4/10/2020	N	498.78 ft	4857	South of Ridgecrest	WG	2Q2020	1297438	SW6010C
KAFB-106103	GW103-202	4/10/2020	N	485.76 ft	4838	North of Ridgecrest	WG	2Q2020	1297461	E300.0
KAFB-106103	GW103-202	4/10/2020	N	485.76 ft	4838	North of Ridgecrest	WG	2Q2020	1297461	E300.0
KAFB-106103	GW103-202	4/10/2020	N	485.76 ft	4838	North of Ridgecrest	WG	2Q2020	1297461	E300.0
KAFB-106103	GW103-202	4/10/2020	N	485.76 ft	4838	North of Ridgecrest	WG	2Q2020	1297461	E353.2
KAFB-106103	GW103-202	4/10/2020	N	485.76 ft	4838	North of Ridgecrest	WG	2Q2020	1297461	SM2320B
KAFB-106103	GW103-202	4/10/2020	N	485.76 ft	4838	North of Ridgecrest	WG	2Q2020	1297461	SM2320B
KAFB-106103	GW103-202	4/10/2020	N	485.76 ft	4838	North of Ridgecrest	WG	2Q2020	1297461	SM2320B
KAFB-106103	GW103-202	4/10/2020	N	485.76 ft	4838	North of Ridgecrest	WG	2Q2020	1297461	SW6010C
KAFB-106103	GW103-202	4/10/2020	N	485.76 ft	4838	North of Ridgecrest	WG	2Q2020	1297461	SW6010C
KAFB-106103	GW103-202	4/10/2020	N	485.76 ft	4838	North of Ridgecrest	WG	2Q2020	1297461	SW6010C
KAFB-106103	GW103-202	4/10/2020	N	485.76 ft	4838	North of Ridgecrest	WG	2Q2020	1297461	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106103	GW103-202	4/10/2020	N	485.76 ft	4838	North of Ridgecrest	WG	2Q2020	1297461	SW6020A
KAFB-106103	GW103-202	4/10/2020	N	485.76 ft	4838	North of Ridgecrest	WG	2Q2020	1297461	SW6020A
KAFB-106103	GW103-202	4/10/2020	N	485.76 ft	4838	North of Ridgecrest	WG	2Q2020	1297461	SW8011
KAFB-106103	GW103-202	4/10/2020	N	485.76 ft	4838	North of Ridgecrest	WG	2Q2020	1297462	SW6010C
KAFB-106103	GW103-202	4/10/2020	N	485.76 ft	4838	North of Ridgecrest	WG	2Q2020	1297462	SW6010C
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	E300.0
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	E300.0
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	E300.0
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	E353.2
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	SM2320B
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	SM2320B
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	SM2320B
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	SW6010C
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	SW6010C
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	SW6010C
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	SW6010C
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	SW6020A
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	SW6020A
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	SW8011
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	SW8260C
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	SW8260C
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	SW8260C
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300818	SW8260C
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300819	SW6010C
KAFB-106152-484	GW152-484-202	4/16/2020	N	474.88 ft	4857	South of Ridgecrest	WG	2Q2020	1300819	SW6010C
KAFB-106104	GW104-202	4/16/2020	N	510.75 ft	4814	North of Ridgecrest	WG	2Q2020	1300825	E300.0
KAFB-106104	GW104-202	4/16/2020	N	510.75 ft	4814	North of Ridgecrest	WG	2Q2020	1300825	E300.0
KAFB-106104	GW104-202	4/16/2020	N	510.75 ft	4814	North of Ridgecrest	WG	2Q2020	1300825	E300.0
KAFB-106104	GW104-202	4/16/2020	N	510.75 ft	4814	North of Ridgecrest	WG	2Q2020	1300825	E353.2
KAFB-106104	GW104-202	4/16/2020	N	510.75 ft	4814	North of Ridgecrest	WG	2Q2020	1300825	SM2320B
KAFB-106104	GW104-202	4/16/2020	N	510.75 ft	4814	North of Ridgecrest	WG	2Q2020	1300825	SM2320B
KAFB-106104	GW104-202	4/16/2020	N	510.75 ft	4814	North of Ridgecrest	WG	2Q2020	1300825	SM2320B
KAFB-106104	GW104-202	4/16/2020	N	510.75 ft	4814	North of Ridgecrest	WG	2Q2020	1300825	SW6010C
KAFB-106104	GW104-202	4/16/2020	N	510.75 ft	4814	North of Ridgecrest	WG	2Q2020	1300825	SW6010C
KAFB-106104	GW104-202	4/16/2020	N	510.75 ft	4814	North of Ridgecrest	WG	2Q2020	1300825	SW6010C
KAFB-106104	GW104-202	4/16/2020	N	510.75 ft	4814	North of Ridgecrest	WG	2Q2020	1300825	SW6010C
KAFB-106104	GW104-202	4/16/2020	N	510.75 ft	4814	North of Ridgecrest	WG	2Q2020	1300825	SW6020A
KAFB-106104	GW104-202	4/16/2020	N	510.75 ft	4814	North of Ridgecrest	WG	2Q2020	1300825	SW6020A
KAFB-106104	GW104-202	4/16/2020	N	510.75 ft	4814	North of Ridgecrest	WG	2Q2020	1300825	SW8011
KAFB-106104	GW104-202	4/16/2020	N	510.75 ft	4814	North of Ridgecrest	WG	2Q2020	1300826	SW6010C
KAFB-106104	GW104-202	4/16/2020	N	510.75 ft	4814	North of Ridgecrest	WG	2Q2020	1300826	SW6010C
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300860	E300.0
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300860	E300.0
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300860	E300.0
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300860	E353.2
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300860	SM2320B
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300860	SM2320B
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300860	SM2320B
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300860	SW6010C
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300860	SW6010C
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300860	SW6010C
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300860	SW6020A
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300860	SW6020A
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300860	SW8011

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300860	SW8260C
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300860	SW8260C
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300860	SW8260C
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300860	SW8260C
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300861	SW6010C
KAFB-106S5-446	GWS5-446-202	4/16/2020	N	470.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300861	SW6010C
KAFB-106070	GW070-202	4/16/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300844	E300.0
KAFB-106070	GW070-202	4/16/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300844	E300.0
KAFB-106070	GW070-202	4/16/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300844	E300.0
KAFB-106070	GW070-202	4/16/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300844	E353.2
KAFB-106070	GW070-202	4/16/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300844	SM2320B
KAFB-106070	GW070-202	4/16/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300844	SM2320B
KAFB-106070	GW070-202	4/16/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300844	SM2320B
KAFB-106070	GW070-202	4/16/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300844	SW6010C
KAFB-106070	GW070-202	4/16/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300844	SW6010C
KAFB-106070	GW070-202	4/16/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300844	SW6010C
KAFB-106070	GW070-202	4/16/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300844	SW6010C
KAFB-106070	GW070-202	4/16/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300844	SW6020A
KAFB-106070	GW070-202	4/16/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300844	SW6020A
KAFB-106070	GW070-202	4/16/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300844	SW8011
KAFB-106070	GW070-202	4/16/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300845	SW6010C
KAFB-106070	GW070-202	4/16/2020	N	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300845	SW6010C
KAFB-106070	GW070-602	4/16/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300846	E300.0
KAFB-106070	GW070-602	4/16/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300846	E300.0
KAFB-106070	GW070-602	4/16/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300846	E300.0
KAFB-106070	GW070-602	4/16/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300846	E353.2
KAFB-106070	GW070-602	4/16/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300846	SM2320B
KAFB-106070	GW070-602	4/16/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300846	SM2320B
KAFB-106070	GW070-602	4/16/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300846	SM2320B
KAFB-106070	GW070-602	4/16/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300846	SW6010C
KAFB-106070	GW070-602	4/16/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300846	SW6010C
KAFB-106070	GW070-602	4/16/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300846	SW6010C
KAFB-106070	GW070-602	4/16/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300846	SW6020A
KAFB-106070	GW070-602	4/16/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300846	SW6020A
KAFB-106070	GW070-602	4/16/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300846	SW8011
KAFB-106070	GW070-602	4/16/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300847	SW6010C
KAFB-106070	GW070-602	4/16/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	2Q2020	1300847	SW6010C
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	E300.0
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	E300.0
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	E300.0
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	E353.2
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	SM2320B
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	SM2320B
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	SM2320B
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	SW6010C
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	SW6010C
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	SW6010C
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	SW6010C
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	SW6020A
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	SW6020A
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	SW8011
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	SW8260C
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	SW8260C
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300838	SW8260C
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300839	SW6010C
KAFB-106S7-451	GWS7-451-202	4/16/2020	N	475.1 ft	4857	South of Ridgecrest	WG	2Q2020	1300839	SW6010C
KAFB-106072	GW072-202	4/16/2020	N	475.7 ft	4838	North of Ridgecrest	WG	2Q2020	1300823	E300.0
KAFB-106072	GW072-202	4/16/2020	N	475.7 ft	4838	North of Ridgecrest	WG	2Q2020	1300823	E300.0
KAFB-106072	GW072-202	4/16/2020	N	475.7 ft	4838	North of Ridgecrest	WG	2Q2020	1300823	E300.0
KAFB-106072	GW072-202	4/16/2020	N	475.7 ft	4838	North of Ridgecrest	WG	2Q2020	1300823	E353.2
KAFB-106072	GW072-202	4/16/2020	N	475.7 ft	4838	North of Ridgecrest	WG	2Q2020	1300823	SM2320B
KAFB-106072	GW072-202	4/16/2020	N	475.7 ft	4838	North of Ridgecrest	WG	2Q2020	1300823	SM2320B
KAFB-106072	GW072-202	4/16/2020	N	475.7 ft	4838	North of Ridgecrest	WG	2Q2020	1300823	SM2320B
KAFB-106072	GW072-202	4/16/2020	N	475.7 ft	4838	North of Ridgecrest	WG	2Q2020	1300823	SW6010C
KAFB-106072	GW072-202	4/16/2020	N	475.7 ft	4838	North of Ridgecrest	WG	2Q2020	1300823	SW6010C
KAFB-106072	GW072-202	4/16/2020	N	475.7 ft	4838	North of Ridgecrest	WG	2Q2020	1300823	SW6010C
KAFB-106072	GW072-202	4/16/2020	N	475.7 ft	4838	North of Ridgecrest	WG	2Q2020	1300823	SW6010C
KAFB-106072	GW072-202	4/16/2020	N	475.7 ft	4838	North of Ridgecrest	WG	2Q2020	1300823	SW6020A
KAFB-106072	GW072-202	4/16/2020	N	475.7 ft	4838	North of Ridgecrest	WG	2Q2020	1300823	SW6020A
KAFB-106072	GW072-202	4/16/2020	N	475.7 ft	4838	North of Ridgecrest	WG	2Q2020	1300823	SW8011
KAFB-106072	GW072-202	4/16/2020	N	475.7 ft	4838	North of Ridgecrest	WG	2Q2020	1300824	SW6010C
KAFB-106072	GW072-202	4/16/2020	N	475.7 ft	4838	North of Ridgecrest	WG	2Q2020	1300824	SW6010C
KAFB-106071	GW071-202	4/16/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1300833	E300.0
KAFB-106071	GW071-202	4/16/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1300833	E300.0
KAFB-106071	GW071-202	4/16/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1300833	E300.0
KAFB-106071	GW071-202	4/16/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1300833	E353.2
KAFB-106071	GW071-202	4/16/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1300833	SM2320B
KAFB-106071	GW071-202	4/16/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1300833	SM2320B
KAFB-106071	GW071-202	4/16/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1300833	SM2320B
KAFB-106071	GW071-202	4/16/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1300833	SW6010C
KAFB-106071	GW071-202	4/16/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1300833	SW6010C
KAFB-106071	GW071-202	4/16/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1300833	SW6010C
KAFB-106071	GW071-202	4/16/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1300833	SW6010C
KAFB-106071	GW071-202	4/16/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1300833	SW6020A
KAFB-106071	GW071-202	4/16/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1300833	SW6020A
KAFB-106071	GW071-202	4/16/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1300833	SW8011
KAFB-106071	GW071-202	4/16/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1300834	SW6010C
KAFB-106071	GW071-202	4/16/2020	N	548.7 ft	4814	North of Ridgecrest	WG	2Q2020	1300834	SW6010C
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	E300.0
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	E300.0
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	E300.0
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	E353.2
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	SM2320B
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	SM2320B
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	SM2320B
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	SW6010C
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	SW6010C
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	SW6010C
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	SW6010C
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	SW6020A
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	SW6020A
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	SW8011
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	SW8260C
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	SW8260C
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	SW8260C
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300858	SW8260C
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300859	SW6010C
KAFB-106151-484	GW151-484-202	4/16/2020	N	472.19 ft	4857	South of Ridgecrest	WG	2Q2020	1300859	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	E300.0
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	E300.0
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	E300.0
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	E353.2
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	SM2320B
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	SM2320B
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	SM2320B
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	SW6010C
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	SW6010C
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	SW6010C
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	SW6010C
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	SW6020A
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	SW6020A
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	SW8011
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	SW8260C
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	SW8260C
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	SW8260C
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300809	SW8260C
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300813	SW6010C
KAFB-106005	GW005-202	4/16/2020	N	482.57 ft	4857	South of Ridgecrest	WG	2Q2020	1300813	SW6010C
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300830	E300.0
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300830	E300.0
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300830	E300.0
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300830	E353.2
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300830	SM2320B
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300830	SM2320B
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300830	SM2320B
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300830	SW6010C
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300830	SW6010C
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300830	SW6010C
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300830	SW6020A
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300830	SW6020A
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300830	SW8011
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300830	SW8260C
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300830	SW8260C
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300830	SW8260C
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300830	SW8260C
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300831	SW6010C
KAFB-106008	GW008-602	4/16/2020	FD	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300831	SW6010C
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	E300.0
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	E300.0
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	E300.0
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	E353.2
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	SM2320B
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	SM2320B
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	SM2320B
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	SW6010C
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	SW6010C
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	SW6010C
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	SW6010C
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	SW6020A
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	SW6020A
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	SW8011
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	SW8260C
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	SW8260C
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300828	SW8260C
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300829	SW6010C
KAFB-106008	GW008-202	4/16/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1300829	SW6010C
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300849	E300.0
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300849	E300.0
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300849	E300.0
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300849	E353.2
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300849	SM2320B
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300849	SM2320B
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300849	SM2320B
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300849	SW6010C
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300849	SW6010C
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300849	SW6010C
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300849	SW6010C
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300849	SW6020A
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300849	SW6020A
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300849	SW8011
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300849	SW8260C
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300849	SW8260C
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300849	SW8260C
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300850	SW6010C
KAFB-106009	GW009-202	4/16/2020	N	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300850	SW6010C
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	E300.0
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	E300.0
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	E300.0
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	E300.0
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	E353.2
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	SM2320B
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	SM2320B
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	SM2320B
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	SW6010C
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	SW6010C
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	SW6010C
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	SW6010C
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	SW6020A
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	SW6020A
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	SW8011
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	SW8260C
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	SW8260C
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	SW8260C
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300851	SW8260C
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300852	SW6010C
KAFB-106009	GW009-602	4/16/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	2Q2020	1300852	SW6010C
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	E300.0
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	E300.0
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	E300.0
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	E353.2
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	SM2320B
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	SM2320B
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	SM2320B
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	SW6010C
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	SW6010C
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	SW6010C
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	SW6020A
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	SW6020A
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	SW8011
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	SW8260C
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	SW8260C
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	SW8260C
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300840	SW8260C
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300841	SW6010C
KAFB-106S9-447	GWS9-447-202	4/16/2020	N	473.7 ft	4857	South of Ridgecrest	WG	2Q2020	1300841	SW6010C
KAFB-106001	GW001-202	4/16/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1300835	E300.0
KAFB-106001	GW001-202	4/16/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1300835	E300.0
KAFB-106001	GW001-202	4/16/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1300835	E300.0
KAFB-106001	GW001-202	4/16/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1300835	E353.2
KAFB-106001	GW001-202	4/16/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1300835	SM2320B
KAFB-106001	GW001-202	4/16/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1300835	SM2320B
KAFB-106001	GW001-202	4/16/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1300835	SM2320B
KAFB-106001	GW001-202	4/16/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1300835	SW6010C
KAFB-106001	GW001-202	4/16/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1300835	SW6010C
KAFB-106001	GW001-202	4/16/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1300835	SW6010C
KAFB-106001	GW001-202	4/16/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1300835	SW6010C
KAFB-106001	GW001-202	4/16/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1300835	SW6020A
KAFB-106001	GW001-202	4/16/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1300835	SW6020A
KAFB-106001	GW001-202	4/16/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1300835	SW8011
KAFB-106001	GW001-202	4/16/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1300836	SW6010C
KAFB-106001	GW001-202	4/16/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1300836	SW6010C
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	E300.0
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	E300.0
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	E300.0
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	E353.2
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	SM2320B
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	SM2320B
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	SM2320B
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	SW6010C
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	SW6010C
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	SW6010C
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	SW6010C
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	SW6020A
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	SW6020A
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	SW8011
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	SW8260C
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	SW8260C
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	SW8260C
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300855	SW8260C
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300856	SW6010C
KAFB-106149-484	GW149-484-202	4/16/2020	N	472 ft	4857	South of Ridgecrest	WG	2Q2020	1300856	SW6010C
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	E300.0
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	E300.0
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	E300.0
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	E353.2
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	SM2320B
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	SM2320B
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	SM2320B
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	SW6010C
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	SW6010C
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	SW6010C
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	SW6020A
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	SW6020A
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	SW8011
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	SW8260C
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	SW8260C
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	SW8260C
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300820	SW8260C
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300821	SW6010C
KAFB-106153-484	GW153-484-202	4/16/2020	N	474.89 ft	4857	South of Ridgecrest	WG	2Q2020	1300821	SW6010C
KAFB-106047	GW047-202	4/17/2020	N	520 ft	4838	South of Ridgecrest	WG	2Q2020	1301491	E300.0
KAFB-106047	GW047-202	4/17/2020	N	520 ft	4838	South of Ridgecrest	WG	2Q2020	1301491	E300.0
KAFB-106047	GW047-202	4/17/2020	N	520 ft	4838	South of Ridgecrest	WG	2Q2020	1301491	E300.0
KAFB-106047	GW047-202	4/17/2020	N	520 ft	4838	South of Ridgecrest	WG	2Q2020	1301491	E353.2
KAFB-106047	GW047-202	4/17/2020	N	520 ft	4838	South of Ridgecrest	WG	2Q2020	1301491	SM2320B
KAFB-106047	GW047-202	4/17/2020	N	520 ft	4838	South of Ridgecrest	WG	2Q2020	1301491	SM2320B
KAFB-106047	GW047-202	4/17/2020	N	520 ft	4838	South of Ridgecrest	WG	2Q2020	1301491	SM2320B
KAFB-106047	GW047-202	4/17/2020	N	520 ft	4838	South of Ridgecrest	WG	2Q2020	1301491	SW6010C
KAFB-106047	GW047-202	4/17/2020	N	520 ft	4838	South of Ridgecrest	WG	2Q2020	1301491	SW6010C
KAFB-106047	GW047-202	4/17/2020	N	520 ft	4838	South of Ridgecrest	WG	2Q2020	1301491	SW6010C
KAFB-106047	GW047-202	4/17/2020	N	520 ft	4838	South of Ridgecrest	WG	2Q2020	1301491	SW6010C
KAFB-106047	GW047-202	4/17/2020	N	520 ft	4838	South of Ridgecrest	WG	2Q2020	1301491	SW6020A
KAFB-106047	GW047-202	4/17/2020	N	520 ft	4838	South of Ridgecrest	WG	2Q2020	1301491	SW6020A
KAFB-106047	GW047-202	4/17/2020	N	520 ft	4838	South of Ridgecrest	WG	2Q2020	1301491	SW8011
KAFB-106047	GW047-202	4/17/2020	N	520 ft	4838	South of Ridgecrest	WG	2Q2020	1301492	SW6010C
KAFB-106047	GW047-202	4/17/2020	N	520 ft	4838	South of Ridgecrest	WG	2Q2020	1301492	SW6010C
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	E300.0
KAFB-106047	GW047-202	4/17/2020	N	520 ft	4838	South of Ridgecrest	WG	2Q2020	1301492	SW6010C
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	E300.0
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	E300.0
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	E300.0
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	E353.2
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	SM2320B
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	SM2320B
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	SM2320B
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	SW6010C
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	SW6010C
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	SW6010C
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	SW6010C
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	SW6020A
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	SW6020A
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	SW8011
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	SW8260C
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	SW8260C
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	SW8260C
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301487	SW8260C
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301488	SW6010C
KAFB-106011	GW011-202	4/17/2020	N	499 ft	4857	South of Ridgecrest	WG	2Q2020	1301488	SW6010C
KAFB-106002	GW002-202	4/17/2020	N	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301483	E300.0
KAFB-106002	GW002-202	4/17/2020	N	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301483	E300.0
KAFB-106002	GW002-202	4/17/2020	N	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301483	E300.0
KAFB-106002	GW002-202	4/17/2020	N	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301483	E353.2
KAFB-106002	GW002-202	4/17/2020	N	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301483	SM2320B
KAFB-106002	GW002-202	4/17/2020	N	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301483	SM2320B
KAFB-106002	GW002-202	4/17/2020	N	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301483	SM2320B
KAFB-106002	GW002-202	4/17/2020	N	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301483	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106002	GW002-202	4/17/2020	N	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301483	SW6010C
KAFB-106002	GW002-202	4/17/2020	N	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301483	SW6010C
KAFB-106002	GW002-202	4/17/2020	N	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301483	SW6010C
KAFB-106002	GW002-202	4/17/2020	N	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301483	SW6020A
KAFB-106002	GW002-202	4/17/2020	N	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301483	SW6020A
KAFB-106002	GW002-202	4/17/2020	N	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301483	SW8011
KAFB-106002	GW002-202	4/17/2020	N	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301484	SW6010C
KAFB-106002	GW002-202	4/17/2020	N	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301484	SW6010C
KAFB-106002	GW002-602	4/17/2020	FD	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301485	E300.0
KAFB-106002	GW002-602	4/17/2020	FD	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301485	E300.0
KAFB-106002	GW002-602	4/17/2020	FD	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301485	E300.0
KAFB-106002	GW002-602	4/17/2020	FD	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301485	E353.2
KAFB-106002	GW002-602	4/17/2020	FD	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301485	SM2320B
KAFB-106002	GW002-602	4/17/2020	FD	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301485	SM2320B
KAFB-106002	GW002-602	4/17/2020	FD	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301485	SM2320B
KAFB-106002	GW002-602	4/17/2020	FD	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301485	SW6010C
KAFB-106002	GW002-602	4/17/2020	FD	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301485	SW6010C
KAFB-106002	GW002-602	4/17/2020	FD	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301485	SW6010C
KAFB-106002	GW002-602	4/17/2020	FD	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301485	SW6010C
KAFB-106002	GW002-602	4/17/2020	FD	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301485	SW6020A
KAFB-106002	GW002-602	4/17/2020	FD	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301485	SW6020A
KAFB-106002	GW002-602	4/17/2020	FD	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301485	SW8011
KAFB-106002	GW002-602	4/17/2020	FD	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301486	SW6010C
KAFB-106002	GW002-602	4/17/2020	FD	492 ft	4857	South of Ridgecrest	WG	2Q2020	1301486	SW6010C
KAFB-106016	GW016-202	4/17/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1301489	E300.0
KAFB-106016	GW016-202	4/17/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1301489	E300.0
KAFB-106016	GW016-202	4/17/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1301489	E300.0
KAFB-106016	GW016-202	4/17/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1301489	E353.2
KAFB-106016	GW016-202	4/17/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1301489	E353.2
KAFB-106016	GW016-202	4/17/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1301489	SM2320B
KAFB-106016	GW016-202	4/17/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1301489	SM2320B
KAFB-106016	GW016-202	4/17/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1301489	SM2320B
KAFB-106016	GW016-202	4/17/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1301489	SW6010C
KAFB-106016	GW016-202	4/17/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1301489	SW6010C
KAFB-106016	GW016-202	4/17/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1301489	SW6010C
KAFB-106016	GW016-202	4/17/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1301489	SW6010C
KAFB-106016	GW016-202	4/17/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1301489	SW6020A
KAFB-106016	GW016-202	4/17/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1301489	SW6020A
KAFB-106016	GW016-202	4/17/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1301489	SW8011
KAFB-106016	GW016-202	4/17/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1301490	SW6010C
KAFB-106016	GW016-202	4/17/2020	N	488 ft	4857	South of Ridgecrest	WG	2Q2020	1301490	SW6010C
KAFB-106027	GW027-202	4/20/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1302047	E300.0
KAFB-106027	GW027-202	4/20/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1302047	E300.0
KAFB-106027	GW027-202	4/20/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1302047	E300.0
KAFB-106027	GW027-202	4/20/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1302047	E353.2
KAFB-106027	GW027-202	4/20/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1302047	SM2320B
KAFB-106027	GW027-202	4/20/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1302047	SM2320B
KAFB-106027	GW027-202	4/20/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1302047	SM2320B
KAFB-106027	GW027-202	4/20/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1302047	SW6010C
KAFB-106027	GW027-202	4/20/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1302047	SW6010C
KAFB-106027	GW027-202	4/20/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1302047	SW6010C
KAFB-106027	GW027-202	4/20/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1302047	SW6010C
KAFB-106027	GW027-202	4/20/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1302047	SW6020A
KAFB-106027	GW027-202	4/20/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1302047	SW6020A
KAFB-106027	GW027-202	4/20/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1302047	SW8011
KAFB-106027	GW027-202	4/20/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1302048	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106027	GW027-202	4/20/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1302048	SW6010C
KAFB-106044	GW044-202	4/20/2020	N	512 ft	4838	South of Ridgecrest	WG	2Q2020	1302049	E300.0
KAFB-106044	GW044-202	4/20/2020	N	512 ft	4838	South of Ridgecrest	WG	2Q2020	1302049	E300.0
KAFB-106044	GW044-202	4/20/2020	N	512 ft	4838	South of Ridgecrest	WG	2Q2020	1302049	E300.0
KAFB-106044	GW044-202	4/20/2020	N	512 ft	4838	South of Ridgecrest	WG	2Q2020	1302049	E353.2
KAFB-106044	GW044-202	4/20/2020	N	512 ft	4838	South of Ridgecrest	WG	2Q2020	1302049	SM2320B
KAFB-106044	GW044-202	4/20/2020	N	512 ft	4838	South of Ridgecrest	WG	2Q2020	1302049	SM2320B
KAFB-106044	GW044-202	4/20/2020	N	512 ft	4838	South of Ridgecrest	WG	2Q2020	1302049	SM2320B
KAFB-106044	GW044-202	4/20/2020	N	512 ft	4838	South of Ridgecrest	WG	2Q2020	1302049	SW6010C
KAFB-106044	GW044-202	4/20/2020	N	512 ft	4838	South of Ridgecrest	WG	2Q2020	1302049	SW6010C
KAFB-106044	GW044-202	4/20/2020	N	512 ft	4838	South of Ridgecrest	WG	2Q2020	1302049	SW6010C
KAFB-106044	GW044-202	4/20/2020	N	512 ft	4838	South of Ridgecrest	WG	2Q2020	1302049	SW6010C
KAFB-106044	GW044-202	4/20/2020	N	512 ft	4838	South of Ridgecrest	WG	2Q2020	1302049	SW6020A
KAFB-106044	GW044-202	4/20/2020	N	512 ft	4838	South of Ridgecrest	WG	2Q2020	1302049	SW6020A
KAFB-106044	GW044-202	4/20/2020	N	512 ft	4838	South of Ridgecrest	WG	2Q2020	1302049	SW8011
KAFB-106044	GW044-202	4/20/2020	N	512 ft	4838	South of Ridgecrest	WG	2Q2020	1302050	SW6010C
KAFB-106044	GW044-202	4/20/2020	N	512 ft	4838	South of Ridgecrest	WG	2Q2020	1302050	SW6010C
KAFB-106075	GW075-202	4/20/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1302055	E300.0
KAFB-106075	GW075-202	4/20/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1302055	E300.0
KAFB-106075	GW075-202	4/20/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1302055	E300.0
KAFB-106075	GW075-202	4/20/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1302055	E353.2
KAFB-106075	GW075-202	4/20/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1302055	SM2320B
KAFB-106075	GW075-202	4/20/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1302055	SM2320B
KAFB-106075	GW075-202	4/20/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1302055	SM2320B
KAFB-106075	GW075-202	4/20/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1302055	SW6010C
KAFB-106075	GW075-202	4/20/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1302055	SW6010C
KAFB-106075	GW075-202	4/20/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1302055	SW6010C
KAFB-106075	GW075-202	4/20/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1302055	SW6010C
KAFB-106075	GW075-202	4/20/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1302055	SW6020A
KAFB-106075	GW075-202	4/20/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1302055	SW6020A
KAFB-106075	GW075-202	4/20/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1302055	SW8011
KAFB-106075	GW075-202	4/20/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1302056	SW6010C
KAFB-106075	GW075-202	4/20/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1302056	SW6010C
KAFB-106024	GW024-202	4/20/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302045	E300.0
KAFB-106024	GW024-202	4/20/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302045	E300.0
KAFB-106024	GW024-202	4/20/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302045	E300.0
KAFB-106024	GW024-202	4/20/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302045	E353.2
KAFB-106024	GW024-202	4/20/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302045	SM2320B
KAFB-106024	GW024-202	4/20/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302045	SM2320B
KAFB-106024	GW024-202	4/20/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302045	SM2320B
KAFB-106024	GW024-202	4/20/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302045	SW6010C
KAFB-106024	GW024-202	4/20/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302045	SW6010C
KAFB-106024	GW024-202	4/20/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302045	SW6010C
KAFB-106024	GW024-202	4/20/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302045	SW6010C
KAFB-106024	GW024-202	4/20/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302045	SW6020A
KAFB-106024	GW024-202	4/20/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302045	SW6020A
KAFB-106024	GW024-202	4/20/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302045	SW8011
KAFB-106024	GW024-202	4/20/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302046	SW6010C
KAFB-106024	GW024-202	4/20/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302046	SW6010C
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	E300.0
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	E300.0
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	E300.0
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	E353.2
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	SM2320B
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	SM2320B

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	SM2320B
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	SW6010C
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	SW6010C
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	SW6010C
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	SW6010C
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	SW6020A
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	SW6020A
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	SW8011
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	SW8260C
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	SW8260C
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	SW8260C
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302051	SW8260C
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302052	SW6010C
KAFB-106060	GW060-202	4/20/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1302052	SW6010C
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	E300.0
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	E300.0
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	E300.0
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	E353.2
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	SM2320B
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	SM2320B
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	SM2320B
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	SW6010C
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	SW6010C
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	SW6010C
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	SW6010C
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	SW6020A
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	SW6020A
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	SW8011
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	SW8260C
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	SW8260C
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	SW8260C
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302053	SW8260C
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302054	SW6010C
KAFB-106068	GW068-202	4/20/2020	N	588 ft	4814	South of Ridgecrest	WG	2Q2020	1302054	SW6010C
KAFB-106094	GW094-202	4/21/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302465	E300.0
KAFB-106094	GW094-202	4/21/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302465	E300.0
KAFB-106094	GW094-202	4/21/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302465	E300.0
KAFB-106094	GW094-202	4/21/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302465	E353.2
KAFB-106094	GW094-202	4/21/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302465	SM2320B
KAFB-106094	GW094-202	4/21/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302465	SM2320B
KAFB-106094	GW094-202	4/21/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302465	SM2320B
KAFB-106094	GW094-202	4/21/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302465	SW6010C
KAFB-106094	GW094-202	4/21/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302465	SW6010C
KAFB-106094	GW094-202	4/21/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302465	SW6010C
KAFB-106094	GW094-202	4/21/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302465	SW6010C
KAFB-106094	GW094-202	4/21/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302465	SW6020A
KAFB-106094	GW094-202	4/21/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302465	SW6020A
KAFB-106094	GW094-202	4/21/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302465	SW8011
KAFB-106094	GW094-202	4/21/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302466	SW6010C
KAFB-106094	GW094-202	4/21/2020	N	494 ft	4857	South of Ridgecrest	WG	2Q2020	1302466	SW6010C
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	E300.0
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	E300.0
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	E300.0
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	E353.2
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	SM2320B

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	SM2320B
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	SM2320B
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	SW6010C
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	SW6010C
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	SW6010C
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	SW6010C
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	SW6020A
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	SW6020A
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	SW8011
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	SW8260C
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	SW8260C
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	SW8260C
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302468	SW8260C
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302469	SW6010C
KAFB-106067	GW067-202	4/21/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1302469	SW6010C
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	E300.0
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	E300.0
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	E300.0
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	E353.2
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	SM2320B
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	SM2320B
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	SM2320B
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	SW6010C
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	SW6010C
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	SW6010C
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	SW6010C
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	SW6020A
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	SW6020A
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	SW6020A
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	SW8011
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	SW8260C
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	SW8260C
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	SW8260C
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302472	SW8260C
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302473	SW6010C
KAFB-106078	GW078-202	4/21/2020	N	582 ft	4814	South of Ridgecrest	WG	2Q2020	1302473	SW6010C
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	E300.0
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	E300.0
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	E300.0
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	E353.2
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	SM2320B
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	SM2320B
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	SM2320B
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	SW6010C
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	SW6010C
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	SW6010C
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	SW6010C
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	SW6020A
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	SW6020A
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	SW8011
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	SW8260C
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	SW8260C
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	SW8260C
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	SW8260C
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302463	SW8260C
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302464	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106017	GW017-202	4/21/2020	N	495 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1302464	SW6010C
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	E300.0
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	E300.0
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	E300.0
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	E353.2
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	SM2320B
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	SM2320B
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	SM2320B
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	SW6010C
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	SW6010C
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	SW6010C
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	SW6010C
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	SW6020A
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	SW6020A
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	SW8011
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	SW8260C
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	SW8260C
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	SW8260C
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302470	SW8260C
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302471	SW6010C
KAFB-106062	GW062-202	4/21/2020	N	583 ft	4814	South of Ridgecrest	WG	2Q2020	1302471	SW6010C
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303348	E300.0
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303348	E300.0
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303348	E300.0
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303348	E353.2
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303348	SM2320B
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303348	SM2320B
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303348	SM2320B
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303348	SW6010C
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303348	SW6010C
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303348	SW6010C
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303348	SW6020A
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303348	SW6020A
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303348	SW8011
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303348	SW8260C
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303348	SW8260C
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303348	SW8260C
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303348	SW8260C
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303349	SW6010C
KAFB-106065	GW065-202	4/22/2020	N	516 ft	4838	South of Ridgecrest	WG	2Q2020	1303349	SW6010C
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	E300.0
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	E300.0
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	E300.0
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	E353.2
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	SM2320B
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	SM2320B
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	SM2320B
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	SW6010C
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	SW6010C
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	SW6010C
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	SW6010C
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	SW6020A
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	SW6020A
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	SW8011

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	SW8260C
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	SW8260C
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	SW8260C
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	SW8260C
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303336	SW8260C
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303340	SW6010C
KAFB-106038	GW038-202	4/22/2020	N	483 ft	4857	South of Ridgecrest	WG	2Q2020	1303340	SW6010C
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	E300.0
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	E300.0
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	E300.0
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	E353.2
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	SM2320B
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	SM2320B
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	SM2320B
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	SW6010C
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	SW6010C
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	SW6010C
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	SW6010C
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	SW6020A
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	SW6020A
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	SW8011
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	SW8260C
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	SW8260C
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	SW8260C
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303346	SW8260C
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303347	SW6010C
KAFB-106066	GW066-202	4/22/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1303347	SW6010C
KAFB-106046	GW046-202	4/22/2020	N	500 ft	4857	South of Ridgecrest	WG	2Q2020	1303353	E300.0
KAFB-106046	GW046-202	4/22/2020	N	500 ft	4857	South of Ridgecrest	WG	2Q2020	1303353	E300.0
KAFB-106046	GW046-202	4/22/2020	N	500 ft	4857	South of Ridgecrest	WG	2Q2020	1303353	E300.0
KAFB-106046	GW046-202	4/22/2020	N	500 ft	4857	South of Ridgecrest	WG	2Q2020	1303353	E353.2
KAFB-106046	GW046-202	4/22/2020	N	500 ft	4857	South of Ridgecrest	WG	2Q2020	1303353	SM2320B
KAFB-106046	GW046-202	4/22/2020	N	500 ft	4857	South of Ridgecrest	WG	2Q2020	1303353	SM2320B
KAFB-106046	GW046-202	4/22/2020	N	500 ft	4857	South of Ridgecrest	WG	2Q2020	1303353	SM2320B
KAFB-106046	GW046-202	4/22/2020	N	500 ft	4857	South of Ridgecrest	WG	2Q2020	1303353	SW6010C
KAFB-106046	GW046-202	4/22/2020	N	500 ft	4857	South of Ridgecrest	WG	2Q2020	1303353	SW6010C
KAFB-106046	GW046-202	4/22/2020	N	500 ft	4857	South of Ridgecrest	WG	2Q2020	1303353	SW6010C
KAFB-106046	GW046-202	4/22/2020	N	500 ft	4857	South of Ridgecrest	WG	2Q2020	1303353	SW6010C
KAFB-106046	GW046-202	4/22/2020	N	500 ft	4857	South of Ridgecrest	WG	2Q2020	1303353	SW6020A
KAFB-106046	GW046-202	4/22/2020	N	500 ft	4857	South of Ridgecrest	WG	2Q2020	1303353	SW6020A
KAFB-106046	GW046-202	4/22/2020	N	500 ft	4857	South of Ridgecrest	WG	2Q2020	1303353	SW8011
KAFB-106046	GW046-202	4/22/2020	N	500 ft	4857	South of Ridgecrest	WG	2Q2020	1303354	SW6010C
KAFB-106046	GW046-202	4/22/2020	N	500 ft	4857	South of Ridgecrest	WG	2Q2020	1303354	SW6010C
KAFB-106039	GW039-202	4/22/2020	N	513 ft	4838	South of Ridgecrest	WG	2Q2020	1303351	E300.0
KAFB-106039	GW039-202	4/22/2020	N	513 ft	4838	South of Ridgecrest	WG	2Q2020	1303351	E300.0
KAFB-106039	GW039-202	4/22/2020	N	513 ft	4838	South of Ridgecrest	WG	2Q2020	1303351	E300.0
KAFB-106039	GW039-202	4/22/2020	N	513 ft	4838	South of Ridgecrest	WG	2Q2020	1303351	E353.2
KAFB-106039	GW039-202	4/22/2020	N	513 ft	4838	South of Ridgecrest	WG	2Q2020	1303351	SM2320B
KAFB-106039	GW039-202	4/22/2020	N	513 ft	4838	South of Ridgecrest	WG	2Q2020	1303351	SM2320B
KAFB-106039	GW039-202	4/22/2020	N	513 ft	4838	South of Ridgecrest	WG	2Q2020	1303351	SM2320B
KAFB-106039	GW039-202	4/22/2020	N	513 ft	4838	South of Ridgecrest	WG	2Q2020	1303351	SW6010C
KAFB-106039	GW039-202	4/22/2020	N	513 ft	4838	South of Ridgecrest	WG	2Q2020	1303351	SW6010C
KAFB-106039	GW039-202	4/22/2020	N	513 ft	4838	South of Ridgecrest	WG	2Q2020	1303351	SW6010C
KAFB-106039	GW039-202	4/22/2020	N	513 ft	4838	South of Ridgecrest	WG	2Q2020	1303351	SW6010C
KAFB-106039	GW039-202	4/22/2020	N	513 ft	4838	South of Ridgecrest	WG	2Q2020	1303351	SW6020A

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106039	GW039-202	4/22/2020	N	513 ft	4838	South of Ridgecrest	WG	2Q2020	1303351	SW6020A
KAFB-106039	GW039-202	4/22/2020	N	513 ft	4838	South of Ridgecrest	WG	2Q2020	1303351	SW8011
KAFB-106039	GW039-202	4/22/2020	N	513 ft	4838	South of Ridgecrest	WG	2Q2020	1303352	SW6010C
KAFB-106039	GW039-202	4/22/2020	N	513 ft	4838	South of Ridgecrest	WG	2Q2020	1303352	SW6010C
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	E300.0
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	E300.0
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	E300.0
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	E353.2
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	SM2320B
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	SM2320B
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	SM2320B
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	SW6010C
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	SW6010C
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	SW6010C
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	SW6010C
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	SW6020A
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	SW6020A
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	SW8011
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	SW8260C
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	SW8260C
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	SW8260C
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304210	SW8260C
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304211	SW6010C
KAFB-106080	GW080-202	4/23/2020	N	511 ft	4838	South of Ridgecrest	WG	2Q2020	1304211	SW6010C
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304218	E300.0
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304218	E300.0
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304218	E300.0
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304218	E353.2
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304218	E300.0
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304218	E353.2
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304218	SM2320B
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304218	SM2320B
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304218	SM2320B
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304218	SW6010C
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304218	SW6010C
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304218	SW6010C
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304218	SW6010C
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304218	SW6020A
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304218	SW6020A
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304218	SW8011
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304219	SW6010C
KAFB-106040	GW040-202	4/23/2020	N	535 ft	4814	South of Ridgecrest	WG	2Q2020	1304219	SW6010C
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	E300.0
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	E300.0
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	E300.0
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	E353.2
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	SM2320B
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	SM2320B
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	SM2320B
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	SW6010C
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	SW6010C
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	SW6010C
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	SW6010C
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	SW6020A
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	SW6020A
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	SW8011
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	SW8260C
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	SW8260C
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304212	SW8260C
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304213	SW6010C
KAFB-106069	GW069-202	4/23/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1304213	SW6010C
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304201	E300.0
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304201	E300.0
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304201	E300.0
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304201	E353.2
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304201	SM2320B
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304201	SM2320B
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304201	SM2320B
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304201	SW6010C
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304201	SW6010C
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304201	SW6010C
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304201	SW6010C
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304201	SW6020A
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304201	SW6020A
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304201	SW8011
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304201	SW8260C
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304201	SW8260C
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304201	SW8260C
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304205	SW6010C
KAFB-106012R	GW012R-202	4/23/2020	N	495 ft	4857	South of Ridgecrest	WG	2Q2020	1304205	SW6010C
KAFB-106019	GW019-202	4/23/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1304216	E300.0
KAFB-106019	GW019-202	4/23/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1304216	E300.0
KAFB-106019	GW019-202	4/23/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1304216	E300.0
KAFB-106019	GW019-202	4/23/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1304216	E353.2
KAFB-106019	GW019-202	4/23/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1304216	SM2320B
KAFB-106019	GW019-202	4/23/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1304216	SM2320B
KAFB-106019	GW019-202	4/23/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1304216	SM2320B
KAFB-106019	GW019-202	4/23/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1304216	SW6010C
KAFB-106019	GW019-202	4/23/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1304216	SW6010C
KAFB-106019	GW019-202	4/23/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1304216	SW6010C
KAFB-106019	GW019-202	4/23/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1304216	SW6010C
KAFB-106019	GW019-202	4/23/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1304216	SW6020A
KAFB-106019	GW019-202	4/23/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1304216	SW6020A
KAFB-106019	GW019-202	4/23/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1304216	SW8011
KAFB-106019	GW019-202	4/23/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1304217	SW6010C
KAFB-106019	GW019-202	4/23/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1304217	SW6010C
KAFB-106045	GW045-202	4/24/2020	N	533.72 ft	4814	South of Ridgecrest	WG	2Q2020	1304979	E300.0
KAFB-106045	GW045-202	4/24/2020	N	533.72 ft	4814	South of Ridgecrest	WG	2Q2020	1304979	E300.0
KAFB-106045	GW045-202	4/24/2020	N	533.72 ft	4814	South of Ridgecrest	WG	2Q2020	1304979	E300.0
KAFB-106045	GW045-202	4/24/2020	N	533.72 ft	4814	South of Ridgecrest	WG	2Q2020	1304979	E353.2
KAFB-106045	GW045-202	4/24/2020	N	533.72 ft	4814	South of Ridgecrest	WG	2Q2020	1304979	SM2320B
KAFB-106045	GW045-202	4/24/2020	N	533.72 ft	4814	South of Ridgecrest	WG	2Q2020	1304979	SM2320B
KAFB-106045	GW045-202	4/24/2020	N	533.72 ft	4814	South of Ridgecrest	WG	2Q2020	1304979	SM2320B
KAFB-106045	GW045-202	4/24/2020	N	533.72 ft	4814	South of Ridgecrest	WG	2Q2020	1304979	SW6010C
KAFB-106045	GW045-202	4/24/2020	N	533.72 ft	4814	South of Ridgecrest	WG	2Q2020	1304979	SW6010C
KAFB-106045	GW045-202	4/24/2020	N	533.72 ft	4814	South of Ridgecrest	WG	2Q2020	1304979	SW6010C
KAFB-106045	GW045-202	4/24/2020	N	533.72 ft	4814	South of Ridgecrest	WG	2Q2020	1304979	SW6010C
KAFB-106045	GW045-202	4/24/2020	N	533.72 ft	4814	South of Ridgecrest	WG	2Q2020	1304979	SW6020A
KAFB-106045	GW045-202	4/24/2020	N	533.72 ft	4814	South of Ridgecrest	WG	2Q2020	1304979	SW6020A
KAFB-106045	GW045-202	4/24/2020	N	533.72 ft	4814	South of Ridgecrest	WG	2Q2020	1304979	SW8011

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106045	GW045-202	4/24/2020	N	533.72 ft	4814	South of Ridgecrest	WG	2Q2020	1304980	SW6010C
KAFB-106045	GW045-202	4/24/2020	N	533.72 ft	4814	South of Ridgecrest	WG	2Q2020	1304980	SW6010C
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	E300.0
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	E300.0
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	E300.0
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	E353.2
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	SM2320B
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	SM2320B
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	SM2320B
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	SW6010C
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	SW6010C
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	SW6010C
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	SW6010C
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	SW6020A
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	SW6020A
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	SW8011
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	SW8260C
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	SW8260C
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	SW8260C
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304988	SW8260C
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304989	SW6010C
KAFB-106006	GW006-202	4/24/2020	N	509.68 ft	4857	South of Ridgecrest	WG	2Q2020	1304989	SW6010C
KAFB-3411	GW3411-202	4/24/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1304983	E300.0
KAFB-3411	GW3411-202	4/24/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1304983	E300.0
KAFB-3411	GW3411-202	4/24/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1304983	E300.0
KAFB-3411	GW3411-202	4/24/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1304983	E353.2
KAFB-3411	GW3411-202	4/24/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1304983	SM2320B
KAFB-3411	GW3411-202	4/24/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1304983	SM2320B
KAFB-3411	GW3411-202	4/24/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1304983	SM2320B
KAFB-3411	GW3411-202	4/24/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1304983	SW6010C
KAFB-3411	GW3411-202	4/24/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1304983	SW6010C
KAFB-3411	GW3411-202	4/24/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1304983	SW6010C
KAFB-3411	GW3411-202	4/24/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1304983	SW6020A
KAFB-3411	GW3411-202	4/24/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1304983	SW6020A
KAFB-3411	GW3411-202	4/24/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1304983	SW8011
KAFB-3411	GW3411-202	4/24/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1304984	SW6010C
KAFB-3411	GW3411-202	4/24/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1304984	SW6010C
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	E300.0
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	E300.0
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	E300.0
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	E353.2
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	SM2320B
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	SM2320B
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	SM2320B
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	SW6010C
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	SW6010C
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	SW6010C
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	SW6010C
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	SW6020A
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	SW6020A
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	SW8011
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	SW8260C
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	SW8260C
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304986	SW8260C
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304987	SW6010C
KAFB-106014	GW014-202	4/24/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1304987	SW6010C
KAFB-106007	GW007-202	4/24/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1304981	E300.0
KAFB-106007	GW007-202	4/24/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1304981	E300.0
KAFB-106007	GW007-202	4/24/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1304981	E300.0
KAFB-106007	GW007-202	4/24/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1304981	E353.2
KAFB-106007	GW007-202	4/24/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1304981	SM2320B
KAFB-106007	GW007-202	4/24/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1304981	SM2320B
KAFB-106007	GW007-202	4/24/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1304981	SM2320B
KAFB-106007	GW007-202	4/24/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1304981	SW6010C
KAFB-106007	GW007-202	4/24/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1304981	SW6010C
KAFB-106007	GW007-202	4/24/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1304981	SW6010C
KAFB-106007	GW007-202	4/24/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1304981	SW6010C
KAFB-106007	GW007-202	4/24/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1304981	SW6020A
KAFB-106007	GW007-202	4/24/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1304981	SW6020A
KAFB-106007	GW007-202	4/24/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1304981	SW8011
KAFB-106007	GW007-202	4/24/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1304982	SW6010C
KAFB-106007	GW007-202	4/24/2020	N	490 ft	4857	South of Ridgecrest	WG	2Q2020	1304982	SW6010C
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	E300.0
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	E300.0
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	E300.0
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	E353.2
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	SM2320B
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	SM2320B
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	SM2320B
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	SW6010C
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	SW6010C
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	SW6010C
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	SW6010C
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	SW6020A
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	SW6020A
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	SW8011
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	SW8260C
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	SW8260C
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	SW8260C
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304991	SW8260C
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304992	SW6010C
KAFB-106010	GW010-202	4/24/2020	N	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304992	SW6010C
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	E300.0
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	E300.0
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	E300.0
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	E353.2
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	SM2320B
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	SM2320B
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	SM2320B
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	SW6010C
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	SW6010C
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	SW6010C
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	SW6010C
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	SW6020A
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	SW6020A
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	SW8011
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	SW8260C
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	SW8260C
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304993	SW8260C
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304994	SW6010C
KAFB-106010	GW010-602	4/24/2020	FD	506 ft	4857	South of Ridgecrest	WG	2Q2020	1304994	SW6010C
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	E300.0
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	E300.0
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	E300.0
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	E353.2
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	SM2320B
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	SM2320B
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	SM2320B
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	SW6010C
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	SW6010C
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	SW6010C
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	SW6010C
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	SW6020A
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	SW6020A
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	SW8011
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	SW8260C
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	SW8260C
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	SW8260C
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305557	SW8260C
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305558	SW6010C
KAFB-106077	GW077-202	4/27/2020	N	506 ft	4838	South of Ridgecrest	WG	2Q2020	1305558	SW6010C
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	E300.0
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	E300.0
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	E300.0
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	E353.2
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	E300.0
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	E353.2
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	SM2320B
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	SM2320B
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	SM2320B
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	SW6010C
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	SW6010C
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	SW6010C
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	SW6010C
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	SW6020A
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	SW6020A
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	SW8011
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	SW8260C
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	SW8260C
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	SW8260C
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305555	SW8260C
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305556	SW6010C
KAFB-106061	GW061-202	4/27/2020	N	581 ft	4814	South of Ridgecrest	WG	2Q2020	1305556	SW6010C
KAFB-106083	GW083-202	4/28/2020	N	498 ft	4838	South of Ridgecrest	WG	2Q2020	1306568	E300.0
KAFB-106083	GW083-202	4/28/2020	N	498 ft	4838	South of Ridgecrest	WG	2Q2020	1306568	E300.0
KAFB-106083	GW083-202	4/28/2020	N	498 ft	4838	South of Ridgecrest	WG	2Q2020	1306568	E300.0
KAFB-106083	GW083-202	4/28/2020	N	498 ft	4838	South of Ridgecrest	WG	2Q2020	1306568	E353.2
KAFB-106083	GW083-202	4/28/2020	N	498 ft	4838	South of Ridgecrest	WG	2Q2020	1306568	SM2320B
KAFB-106083	GW083-202	4/28/2020	N	498 ft	4838	South of Ridgecrest	WG	2Q2020	1306568	SM2320B
KAFB-106083	GW083-202	4/28/2020	N	498 ft	4838	South of Ridgecrest	WG	2Q2020	1306568	SM2320B
KAFB-106083	GW083-202	4/28/2020	N	498 ft	4838	South of Ridgecrest	WG	2Q2020	1306568	SW6010C
KAFB-106083	GW083-202	4/28/2020	N	498 ft	4838	South of Ridgecrest	WG	2Q2020	1306568	SW6010C
KAFB-106083	GW083-202	4/28/2020	N	498 ft	4838	South of Ridgecrest	WG	2Q2020	1306568	SW6010C
KAFB-106083	GW083-202	4/28/2020	N	498 ft	4838	South of Ridgecrest	WG	2Q2020	1306568	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106083	GW083-202	4/28/2020	N	498 ft	4838	South of Ridgecrest	WG	2Q2020	1306568	SW6020A
KAFB-106083	GW083-202	4/28/2020	N	498 ft	4838	South of Ridgecrest	WG	2Q2020	1306568	SW6020A
KAFB-106083	GW083-202	4/28/2020	N	498 ft	4838	South of Ridgecrest	WG	2Q2020	1306568	SW8011
KAFB-106083	GW083-202	4/28/2020	N	498 ft	4838	South of Ridgecrest	WG	2Q2020	1306569	SW6010C
KAFB-106083	GW083-202	4/28/2020	N	498 ft	4838	South of Ridgecrest	WG	2Q2020	1306569	SW6010C
KAFB-106020	GW020-202	4/28/2020	N	484 ft	4857	South of Ridgecrest	WG	2Q2020	1306562	E300.0
KAFB-106020	GW020-202	4/28/2020	N	484 ft	4857	South of Ridgecrest	WG	2Q2020	1306562	E300.0
KAFB-106020	GW020-202	4/28/2020	N	484 ft	4857	South of Ridgecrest	WG	2Q2020	1306562	E300.0
KAFB-106020	GW020-202	4/28/2020	N	484 ft	4857	South of Ridgecrest	WG	2Q2020	1306562	E353.2
KAFB-106020	GW020-202	4/28/2020	N	484 ft	4857	South of Ridgecrest	WG	2Q2020	1306562	SM2320B
KAFB-106020	GW020-202	4/28/2020	N	484 ft	4857	South of Ridgecrest	WG	2Q2020	1306562	SM2320B
KAFB-106020	GW020-202	4/28/2020	N	484 ft	4857	South of Ridgecrest	WG	2Q2020	1306562	SM2320B
KAFB-106020	GW020-202	4/28/2020	N	484 ft	4857	South of Ridgecrest	WG	2Q2020	1306562	SW6010C
KAFB-106020	GW020-202	4/28/2020	N	484 ft	4857	South of Ridgecrest	WG	2Q2020	1306562	SW6010C
KAFB-106020	GW020-202	4/28/2020	N	484 ft	4857	South of Ridgecrest	WG	2Q2020	1306562	SW6010C
KAFB-106020	GW020-202	4/28/2020	N	484 ft	4857	South of Ridgecrest	WG	2Q2020	1306562	SW6010C
KAFB-106020	GW020-202	4/28/2020	N	484 ft	4857	South of Ridgecrest	WG	2Q2020	1306562	SW6020A
KAFB-106020	GW020-202	4/28/2020	N	484 ft	4857	South of Ridgecrest	WG	2Q2020	1306562	SW6020A
KAFB-106020	GW020-202	4/28/2020	N	484 ft	4857	South of Ridgecrest	WG	2Q2020	1306562	SW8011
KAFB-106020	GW020-202	4/28/2020	N	484 ft	4857	South of Ridgecrest	WG	2Q2020	1306563	SW6010C
KAFB-106020	GW020-202	4/28/2020	N	484 ft	4857	South of Ridgecrest	WG	2Q2020	1306563	SW6010C
KAFB-106084	GW084-202	4/28/2020	N	571 ft	4814	South of Ridgecrest	WG	2Q2020	1306570	E300.0
KAFB-106084	GW084-202	4/28/2020	N	571 ft	4814	South of Ridgecrest	WG	2Q2020	1306570	E300.0
KAFB-106084	GW084-202	4/28/2020	N	571 ft	4814	South of Ridgecrest	WG	2Q2020	1306570	E300.0
KAFB-106084	GW084-202	4/28/2020	N	571 ft	4814	South of Ridgecrest	WG	2Q2020	1306570	E353.2
KAFB-106084	GW084-202	4/28/2020	N	571 ft	4814	South of Ridgecrest	WG	2Q2020	1306570	SM2320B
KAFB-106084	GW084-202	4/28/2020	N	571 ft	4814	South of Ridgecrest	WG	2Q2020	1306570	SM2320B
KAFB-106084	GW084-202	4/28/2020	N	571 ft	4814	South of Ridgecrest	WG	2Q2020	1306570	SM2320B
KAFB-106084	GW084-202	4/28/2020	N	571 ft	4814	South of Ridgecrest	WG	2Q2020	1306570	SM2320B
KAFB-106084	GW084-202	4/28/2020	N	571 ft	4814	South of Ridgecrest	WG	2Q2020	1306570	SW6010C
KAFB-106084	GW084-202	4/28/2020	N	571 ft	4814	South of Ridgecrest	WG	2Q2020	1306570	SW6010C
KAFB-106084	GW084-202	4/28/2020	N	571 ft	4814	South of Ridgecrest	WG	2Q2020	1306570	SW6010C
KAFB-106084	GW084-202	4/28/2020	N	571 ft	4814	South of Ridgecrest	WG	2Q2020	1306570	SW6020A
KAFB-106084	GW084-202	4/28/2020	N	571 ft	4814	South of Ridgecrest	WG	2Q2020	1306570	SW6020A
KAFB-106084	GW084-202	4/28/2020	N	571 ft	4814	South of Ridgecrest	WG	2Q2020	1306570	SW8011
KAFB-106084	GW084-202	4/28/2020	N	571 ft	4814	South of Ridgecrest	WG	2Q2020	1306571	SW6010C
KAFB-106084	GW084-202	4/28/2020	N	571 ft	4814	South of Ridgecrest	WG	2Q2020	1306571	SW6010C
KAFB-106082	GW082-202	4/28/2020	N	474 ft	4857	South of Ridgecrest	WG	2Q2020	1306566	E300.0
KAFB-106082	GW082-202	4/28/2020	N	474 ft	4857	South of Ridgecrest	WG	2Q2020	1306566	E300.0
KAFB-106082	GW082-202	4/28/2020	N	474 ft	4857	South of Ridgecrest	WG	2Q2020	1306566	E300.0
KAFB-106082	GW082-202	4/28/2020	N	474 ft	4857	South of Ridgecrest	WG	2Q2020	1306566	E353.2
KAFB-106082	GW082-202	4/28/2020	N	474 ft	4857	South of Ridgecrest	WG	2Q2020	1306566	SM2320B
KAFB-106082	GW082-202	4/28/2020	N	474 ft	4857	South of Ridgecrest	WG	2Q2020	1306566	SM2320B
KAFB-106082	GW082-202	4/28/2020	N	474 ft	4857	South of Ridgecrest	WG	2Q2020	1306566	SM2320B
KAFB-106082	GW082-202	4/28/2020	N	474 ft	4857	South of Ridgecrest	WG	2Q2020	1306566	SW6010C
KAFB-106082	GW082-202	4/28/2020	N	474 ft	4857	South of Ridgecrest	WG	2Q2020	1306566	SW6010C
KAFB-106082	GW082-202	4/28/2020	N	474 ft	4857	South of Ridgecrest	WG	2Q2020	1306566	SW6010C
KAFB-106082	GW082-202	4/28/2020	N	474 ft	4857	South of Ridgecrest	WG	2Q2020	1306566	SW6010C
KAFB-106082	GW082-202	4/28/2020	N	474 ft	4857	South of Ridgecrest	WG	2Q2020	1306566	SW6020A
KAFB-106082	GW082-202	4/28/2020	N	474 ft	4857	South of Ridgecrest	WG	2Q2020	1306566	SW6020A
KAFB-106082	GW082-202	4/28/2020	N	474 ft	4857	South of Ridgecrest	WG	2Q2020	1306566	SW8011
KAFB-106082	GW082-202	4/28/2020	N	474 ft	4857	South of Ridgecrest	WG	2Q2020	1306567	SW6010C
KAFB-106082	GW082-202	4/28/2020	N	474 ft	4857	South of Ridgecrest	WG	2Q2020	1306567	SW6010C
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	E300.0
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	E300.0

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	E300.0
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	E353.2
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	SM2320B
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	SM2320B
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	SM2320B
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	SW6010C
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	SW6010C
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	SW6010C
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	SW6010C
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	SW6020A
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	SW6020A
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	SW8011
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	SW8260C
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	SW8260C
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	SW8260C
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306564	SW8260C
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306565	SW6010C
KAFB-106076	GW076-202	4/28/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1306565	SW6010C
KAFB-106048	GW048-202	4/29/2020	N	538 ft	4814	South of Ridgecrest	WG	2Q2020	1307324	E300.0
KAFB-106048	GW048-202	4/29/2020	N	538 ft	4814	South of Ridgecrest	WG	2Q2020	1307324	E300.0
KAFB-106048	GW048-202	4/29/2020	N	538 ft	4814	South of Ridgecrest	WG	2Q2020	1307324	E300.0
KAFB-106048	GW048-202	4/29/2020	N	538 ft	4814	South of Ridgecrest	WG	2Q2020	1307324	E353.2
KAFB-106048	GW048-202	4/29/2020	N	538 ft	4814	South of Ridgecrest	WG	2Q2020	1307324	SM2320B
KAFB-106048	GW048-202	4/29/2020	N	538 ft	4814	South of Ridgecrest	WG	2Q2020	1307324	SM2320B
KAFB-106048	GW048-202	4/29/2020	N	538 ft	4814	South of Ridgecrest	WG	2Q2020	1307324	SM2320B
KAFB-106048	GW048-202	4/29/2020	N	538 ft	4814	South of Ridgecrest	WG	2Q2020	1307324	SW6010C
KAFB-106048	GW048-202	4/29/2020	N	538 ft	4814	South of Ridgecrest	WG	2Q2020	1307324	SW6010C
KAFB-106048	GW048-202	4/29/2020	N	538 ft	4814	South of Ridgecrest	WG	2Q2020	1307324	SW6010C
KAFB-106048	GW048-202	4/29/2020	N	538 ft	4814	South of Ridgecrest	WG	2Q2020	1307324	SW6020A
KAFB-106048	GW048-202	4/29/2020	N	538 ft	4814	South of Ridgecrest	WG	2Q2020	1307324	SW6020A
KAFB-106048	GW048-202	4/29/2020	N	538 ft	4814	South of Ridgecrest	WG	2Q2020	1307324	SW8011
KAFB-106048	GW048-202	4/29/2020	N	538 ft	4814	South of Ridgecrest	WG	2Q2020	1307325	SW6010C
KAFB-106048	GW048-202	4/29/2020	N	538 ft	4814	South of Ridgecrest	WG	2Q2020	1307325	SW6010C
KAFB-106095	GW095-202	4/29/2020	N	505.85 ft	4838	South of Ridgecrest	WG	2Q2020	1307327	E300.0
KAFB-106095	GW095-202	4/29/2020	N	505.85 ft	4838	South of Ridgecrest	WG	2Q2020	1307327	E300.0
KAFB-106095	GW095-202	4/29/2020	N	505.85 ft	4838	South of Ridgecrest	WG	2Q2020	1307327	E300.0
KAFB-106095	GW095-202	4/29/2020	N	505.85 ft	4838	South of Ridgecrest	WG	2Q2020	1307327	E353.2
KAFB-106095	GW095-202	4/29/2020	N	505.85 ft	4838	South of Ridgecrest	WG	2Q2020	1307327	SM2320B
KAFB-106095	GW095-202	4/29/2020	N	505.85 ft	4838	South of Ridgecrest	WG	2Q2020	1307327	SM2320B
KAFB-106095	GW095-202	4/29/2020	N	505.85 ft	4838	South of Ridgecrest	WG	2Q2020	1307327	SM2320B
KAFB-106095	GW095-202	4/29/2020	N	505.85 ft	4838	South of Ridgecrest	WG	2Q2020	1307327	SW6010C
KAFB-106095	GW095-202	4/29/2020	N	505.85 ft	4838	South of Ridgecrest	WG	2Q2020	1307327	SW6010C
KAFB-106095	GW095-202	4/29/2020	N	505.85 ft	4838	South of Ridgecrest	WG	2Q2020	1307327	SW6010C
KAFB-106095	GW095-202	4/29/2020	N	505.85 ft	4838	South of Ridgecrest	WG	2Q2020	1307327	SW6010C
KAFB-106095	GW095-202	4/29/2020	N	505.85 ft	4838	South of Ridgecrest	WG	2Q2020	1307327	SW6020A
KAFB-106095	GW095-202	4/29/2020	N	505.85 ft	4838	South of Ridgecrest	WG	2Q2020	1307327	SW6020A
KAFB-106095	GW095-202	4/29/2020	N	505.85 ft	4838	South of Ridgecrest	WG	2Q2020	1307327	SW8011
KAFB-106095	GW095-202	4/29/2020	N	505.85 ft	4838	South of Ridgecrest	WG	2Q2020	1307331	SW6010C
KAFB-106095	GW095-202	4/29/2020	N	505.85 ft	4838	South of Ridgecrest	WG	2Q2020	1307331	SW6010C
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	E300.0
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	E300.0
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	E300.0
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	E353.2
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	SM2320B

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	SM2320B
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	SM2320B
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	SW6010C
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	SW6010C
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	SW6010C
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	SW6010C
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	SW6020A
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	SW6020A
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	SW8011
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	SW8260C
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	SW8260C
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	SW8260C
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307322	SW8260C
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307323	SW6010C
KAFB-106081	GW081-202	4/29/2020	N	580 ft	4814	South of Ridgecrest	WG	2Q2020	1307323	SW6010C
KAFB-106073	GW073-202	4/30/2020	N	501 ft	4838	South of Ridgecrest	WG	2Q2020	1308088	E300.0
KAFB-106073	GW073-202	4/30/2020	N	501 ft	4838	South of Ridgecrest	WG	2Q2020	1308088	E300.0
KAFB-106073	GW073-202	4/30/2020	N	501 ft	4838	South of Ridgecrest	WG	2Q2020	1308088	E300.0
KAFB-106073	GW073-202	4/30/2020	N	501 ft	4838	South of Ridgecrest	WG	2Q2020	1308088	E353.2
KAFB-106073	GW073-202	4/30/2020	N	501 ft	4838	South of Ridgecrest	WG	2Q2020	1308088	SM2320B
KAFB-106073	GW073-202	4/30/2020	N	501 ft	4838	South of Ridgecrest	WG	2Q2020	1308088	SM2320B
KAFB-106073	GW073-202	4/30/2020	N	501 ft	4838	South of Ridgecrest	WG	2Q2020	1308088	SM2320B
KAFB-106073	GW073-202	4/30/2020	N	501 ft	4838	South of Ridgecrest	WG	2Q2020	1308088	SW6010C
KAFB-106073	GW073-202	4/30/2020	N	501 ft	4838	South of Ridgecrest	WG	2Q2020	1308088	SW6010C
KAFB-106073	GW073-202	4/30/2020	N	501 ft	4838	South of Ridgecrest	WG	2Q2020	1308088	SW6010C
KAFB-106073	GW073-202	4/30/2020	N	501 ft	4838	South of Ridgecrest	WG	2Q2020	1308088	SW6010C
KAFB-106073	GW073-202	4/30/2020	N	501 ft	4838	South of Ridgecrest	WG	2Q2020	1308088	SW6020A
KAFB-106073	GW073-202	4/30/2020	N	501 ft	4838	South of Ridgecrest	WG	2Q2020	1308088	SW6020A
KAFB-106073	GW073-202	4/30/2020	N	501 ft	4838	South of Ridgecrest	WG	2Q2020	1308088	SW6020A
KAFB-106073	GW073-202	4/30/2020	N	501 ft	4838	South of Ridgecrest	WG	2Q2020	1308088	SW8011
KAFB-106073	GW073-202	4/30/2020	N	501 ft	4838	South of Ridgecrest	WG	2Q2020	1308089	SW6010C
KAFB-106073	GW073-202	4/30/2020	N	501 ft	4838	South of Ridgecrest	WG	2Q2020	1308089	SW6010C
KAFB-106074	GW074-202	4/30/2020	N	572 ft	4814	South of Ridgecrest	WG	2Q2020	1308090	E300.0
KAFB-106074	GW074-202	4/30/2020	N	572 ft	4814	South of Ridgecrest	WG	2Q2020	1308090	E300.0
KAFB-106074	GW074-202	4/30/2020	N	572 ft	4814	South of Ridgecrest	WG	2Q2020	1308090	E300.0
KAFB-106074	GW074-202	4/30/2020	N	572 ft	4814	South of Ridgecrest	WG	2Q2020	1308090	E353.2
KAFB-106074	GW074-202	4/30/2020	N	572 ft	4814	South of Ridgecrest	WG	2Q2020	1308090	SM2320B
KAFB-106074	GW074-202	4/30/2020	N	572 ft	4814	South of Ridgecrest	WG	2Q2020	1308090	SM2320B
KAFB-106074	GW074-202	4/30/2020	N	572 ft	4814	South of Ridgecrest	WG	2Q2020	1308090	SM2320B
KAFB-106074	GW074-202	4/30/2020	N	572 ft	4814	South of Ridgecrest	WG	2Q2020	1308090	SW6010C
KAFB-106074	GW074-202	4/30/2020	N	572 ft	4814	South of Ridgecrest	WG	2Q2020	1308090	SW6010C
KAFB-106074	GW074-202	4/30/2020	N	572 ft	4814	South of Ridgecrest	WG	2Q2020	1308090	SW6010C
KAFB-106074	GW074-202	4/30/2020	N	572 ft	4814	South of Ridgecrest	WG	2Q2020	1308090	SW6010C
KAFB-106074	GW074-202	4/30/2020	N	572 ft	4814	South of Ridgecrest	WG	2Q2020	1308090	SW6020A
KAFB-106074	GW074-202	4/30/2020	N	572 ft	4814	South of Ridgecrest	WG	2Q2020	1308090	SW6020A
KAFB-106074	GW074-202	4/30/2020	N	572 ft	4814	South of Ridgecrest	WG	2Q2020	1308090	SW8011
KAFB-106074	GW074-202	4/30/2020	N	572 ft	4814	South of Ridgecrest	WG	2Q2020	1308091	SW6010C
KAFB-106074	GW074-202	4/30/2020	N	572 ft	4814	South of Ridgecrest	WG	2Q2020	1308091	SW6010C
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	E300.0
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	E300.0
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	E300.0
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	E353.2
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	SM2320B
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	SM2320B
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	SM2320B
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	SW6010C
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	SW6010C
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	SW6010C
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	SW6020A
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	SW6020A
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	SW8011
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	SW8260C
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	SW8260C
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	SW8260C
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308093	SW8260C
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308094	SW6010C
KAFB-106003	GW003-202	4/30/2020	N	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308094	SW6010C
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	E300.0
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	E300.0
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	E300.0
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	E353.2
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	SM2320B
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	SM2320B
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	SM2320B
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	SW6010C
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	SW6010C
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	SW6010C
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	SW6010C
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	SW6020A
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	SW6020A
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	SW8011
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	SW8260C
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	SW8260C
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	SW8260C
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308095	SW8260C
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308096	SW6010C
KAFB-106003	GW003-602	4/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	2Q2020	1308096	SW6010C
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	E300.0
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	E300.0
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	E300.0
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	E353.2
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	SM2320B
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	SM2320B
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	SM2320B
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	SW6010C
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	SW6010C
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	SW6010C
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	SW6010C
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	SW6020A
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	SW6020A
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	SW8011
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	SW8260C
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	SW8260C
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	SW8260C
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308823	SW8260C
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308824	SW6010C
KAFB-106098	GW098-202	5/1/2020	N	533 ft	4814	South of Ridgecrest	WG	2Q2020	1308824	SW6010C
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	E300.0
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	E300.0
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	E300.0

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	E353.2
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	SM2320B
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	SM2320B
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	SM2320B
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	SW6010C
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	SW6010C
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	SW6010C
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	SW6010C
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	SW6020A
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	SW6020A
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	SW8011
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	SW8260C
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	SW8260C
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	SW8260C
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308819	SW8260C
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308820	SW6010C
KAFB-106013	GW013-202	5/1/2020	N	491 ft	4857	South of Ridgecrest	WG	2Q2020	1308820	SW6010C
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	E300.0
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	E300.0
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	E300.0
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	E353.2
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	SM2320B
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	SM2320B
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	SM2320B
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	SW6010C
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	SW6010C
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	SW6010C
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	SW6010C
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	SW6020A
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	SW6020A
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	SW8011
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	SW8260C
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	SW8260C
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	SW8260C
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308821	SW8260C
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308822	SW6010C
KAFB-106097	GW097-202	5/1/2020	N	508 ft	4838	South of Ridgecrest	WG	2Q2020	1308822	SW6010C
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	E300.0
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	E300.0
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	E300.0
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	E353.2
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	SM2320B
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	SM2320B
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	SM2320B
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	SW6010C
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	SW6010C
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	SW6010C
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	SW6010C
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	SW6020A
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	SW6020A
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	SW8011
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	SW8260C
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	SW8260C
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	SW8260C
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309586	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309587	SW6010C
KAFB-106101	GW101-202	5/4/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1309587	SW6010C
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	E300.0
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	E300.0
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	E300.0
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	E353.2
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	SM2320B
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	SM2320B
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	SM2320B
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	SW6010C
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	SW6010C
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	SW6010C
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	SW6010C
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	SW6020A
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	SW6020A
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	SW8011
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	SW8260C
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	SW8260C
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	SW8260C
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309588	SW8260C
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309589	SW6010C
KAFB-106102	GW102-202	5/4/2020	N	526 ft	4814	South of Ridgecrest	WG	2Q2020	1309589	SW6010C
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310146	E300.0
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310146	E300.0
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310146	E300.0
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310146	E353.2
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310146	SM2320B
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310146	SM2320B
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310146	SM2320B
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310146	SW6010C
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310146	SW6010C
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310146	SW6010C
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310146	SW6010C
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310146	SW6020A
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310146	SW6020A
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310146	SW8011
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310146	SW8260C
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310146	SW8260C
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310146	SW8260C
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310147	SW6010C
KAFB-106100	GW100-202	5/5/2020	N	528 ft	4814	South of Ridgecrest	WG	2Q2020	1310147	SW6010C
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	E300.0
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	E300.0
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	E300.0
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	E353.2
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	SM2320B
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	SM2320B
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	SM2320B
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	SW6010C
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	SW6010C
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	SW6010C
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	SW6010C
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	SW6020A
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	SW6020A

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	SW8011
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	SW8260C
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	SW8260C
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	SW8260C
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310144	SW8260C
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310145	SW6010C
KAFB-106099	GW099-202	5/5/2020	N	503 ft	4838	South of Ridgecrest	WG	2Q2020	1310145	SW6010C
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	E300.0
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	E300.0
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	E300.0
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	E353.2
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	SM2320B
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	SM2320B
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	SM2320B
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	SW6010C
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	SW6010C
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	SW6010C
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	SW6010C
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	SW6020A
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	SW6020A
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	SW8011
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	SW8260C
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	SW8260C
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	SW8260C
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310142	SW8260C
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310143	SW6010C
KAFB-106004	GW004-202	5/5/2020	N	488.74 ft	4857	South of Ridgecrest	WG	2Q2020	1310143	SW6010C
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	E300.0
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	E300.0
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	E300.0
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	E353.2
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	SM2320B
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	SM2320B
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	SM2320B
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	SW6010C
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	SW6010C
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	SW6010C
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	SW6010C
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	SW6020A
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	SW6020A
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	SW8011
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	SW8260C
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	SW8260C
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	SW8260C
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310801	SW8260C
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310802	SW6010C
KAFB-106059	GW059-202	5/6/2020	N	504 ft	4857	South of Ridgecrest	WG	2Q2020	1310802	SW6010C
KAFB-106096	GW096-202	5/8/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312502	E300.0
KAFB-106096	GW096-202	5/8/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312502	E300.0
KAFB-106096	GW096-202	5/8/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312502	E300.0
KAFB-106096	GW096-202	5/8/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312502	E353.2
KAFB-106096	GW096-202	5/8/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312502	SM2320B
KAFB-106096	GW096-202	5/8/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312502	SM2320B
KAFB-106096	GW096-202	5/8/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312502	SM2320B
KAFB-106096	GW096-202	5/8/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312502	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106096	GW096-202	5/8/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312502	SW6010C
KAFB-106096	GW096-202	5/8/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312502	SW6010C
KAFB-106096	GW096-202	5/8/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312502	SW6010C
KAFB-106096	GW096-202	5/8/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312502	SW6020A
KAFB-106096	GW096-202	5/8/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312502	SW6020A
KAFB-106096	GW096-202	5/8/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312502	SW8011
KAFB-106096	GW096-202	5/8/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312503	SW6010C
KAFB-106096	GW096-202	5/8/2020	N	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312503	SW6010C
KAFB-106096	GW096-602	5/8/2020	FD	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312504	E300.0
KAFB-106096	GW096-602	5/8/2020	FD	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312504	E300.0
KAFB-106096	GW096-602	5/8/2020	FD	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312504	E300.0
KAFB-106096	GW096-602	5/8/2020	FD	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312504	E353.2
KAFB-106096	GW096-602	5/8/2020	FD	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312504	SM2320B
KAFB-106096	GW096-602	5/8/2020	FD	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312504	SM2320B
KAFB-106096	GW096-602	5/8/2020	FD	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312504	SM2320B
KAFB-106096	GW096-602	5/8/2020	FD	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312504	SW6010C
KAFB-106096	GW096-602	5/8/2020	FD	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312504	SW6010C
KAFB-106096	GW096-602	5/8/2020	FD	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312504	SW6010C
KAFB-106096	GW096-602	5/8/2020	FD	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312504	SW6010C
KAFB-106096	GW096-602	5/8/2020	FD	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312504	SW6020A
KAFB-106096	GW096-602	5/8/2020	FD	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312504	SW6020A
KAFB-106096	GW096-602	5/8/2020	FD	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312504	SW8011
KAFB-106096	GW096-602	5/8/2020	FD	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312505	SW6010C
KAFB-106096	GW096-602	5/8/2020	FD	584 ft	4814	South of Ridgecrest	WG	2Q2020	1312505	SW6010C
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	E300.0
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	E300.0
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	E300.0
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	E353.2
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	E353.2
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	SM2320B
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	SM2320B
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	SM2320B
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	SW6010C
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	SW6010C
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	SW6010C
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	SW6010C
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	SW6020A
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	SW6020A
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	SW8011
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	SW8260C
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	SW8260C
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	SW8260C
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	SW8260C
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312500	SW8260C
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312501	SW6010C
KAFB-106018	GW018-202	5/8/2020	N	489 ft	4857 & 4838	South of Ridgecrest	WG	2Q2020	1312501	SW6010C
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	E300.0
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	E300.0
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	E300.0
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	E353.2
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	SM2320B
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	SM2320B
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	SM2320B
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	SW6010C
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	SW6010C
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	SW6010C
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	SW6020A
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	SW6020A
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	SW8011
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	SW8260C
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	SW8260C
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	SW8260C
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317990	SW8260C
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317991	SW6010C
KAFB-106064	GW064-202	5/19/2020	N	485 ft	4857	South of Ridgecrest	WG	2Q2020	1317991	SW6010C
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	E300.0
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	E300.0
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	E300.0
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	E353.2
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	SM2320B
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	SM2320B
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	SM2320B
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	SW6010C
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	SW6010C
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	SW6010C
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	SW6010C
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	SW6020A
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	SW6020A
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	SW8011
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	SW8260C
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	SW8260C
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	SW8260C
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317988	SW8260C
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317989	SW6010C
KAFB-106063	GW063-202	5/19/2020	N	505 ft	4838	South of Ridgecrest	WG	2Q2020	1317989	SW6010C
KAFB-106236-436	GW236-436-203	7/6/2020	N	441.9 ft	4857	North of Ridgecrest	WG	3Q2020	410-6718-5	SW8011
KAFB-106236-470	GW236-470-203	7/6/2020	N	470.7 ft	4838	North of Ridgecrest	WG	3Q2020	410-6718-6	SW8011
KAFB-106236-499	GW236-499-203	7/6/2020	N	499.7 ft	4814	North of Ridgecrest	WG	3Q2020	410-6718-7	SW8011
KAFB-106235-438	GW235-438-203	7/6/2020	N	443.9 ft	4857	North of Ridgecrest	WG	3Q2020	410-6718-1	SW8011
KAFB-106235-438	GW235-438-603	7/6/2020	FD	443.9 ft	4857	North of Ridgecrest	WG	3Q2020	410-6718-2	SW8011
KAFB-106235-472	GW235-472-203	7/6/2020	N	472.7 ft	4838	North of Ridgecrest	WG	3Q2020	410-6718-3	SW8011
KAFB-106235-501	GW235-501-203	7/6/2020	N	501.7 ft	4814	North of Ridgecrest	WG	3Q2020	410-6718-4	SW8011
KAFB-106206	GW206-203	7/7/2020	N	594.2 ft	4814	North of Ridgecrest	WG	3Q2020	410-6955-11	SW8011
KAFB-106205	GW205-203	7/7/2020	N	493.2 ft	4838	North of Ridgecrest	WG	3Q2020	410-6955-10	SW8011
KAFB-106204	GW204-203	7/7/2020	N	463.2 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-9	SW8011
KAFB-106216	GW216-203	7/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-17	SW8011
KAFB-106216	GW216-603	7/7/2020	FD	461.4 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-18	SW8011
KAFB-106217	GW217-203	7/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	3Q2020	410-6955-19	SW8011
KAFB-106218	GW218-203	7/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	3Q2020	410-6955-20	SW8011
KAFB-106224	GW224-203	7/7/2020	N	555.7 ft	4814	North of Ridgecrest	WG	3Q2020	410-6955-7	SW8011
KAFB-106223	GW223-203	7/7/2020	N	488.5 ft	4838	North of Ridgecrest	WG	3Q2020	410-6955-6	SW8011
KAFB-106222	GW222-203	7/7/2020	N	461.1 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-5	SW8011
KAFB-106242-418	GW242-418-203	7/7/2020	N	442.24 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-15	E300.0
KAFB-106242-418	GW242-418-203	7/7/2020	N	442.24 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-15	E300.0
KAFB-106242-418	GW242-418-203	7/7/2020	N	442.24 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-15	E300.0
KAFB-106242-418	GW242-418-203	7/7/2020	N	442.24 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-15	E353.2
KAFB-106242-418	GW242-418-203	7/7/2020	N	442.24 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-15	SM2320B
KAFB-106242-418	GW242-418-203	7/7/2020	N	442.24 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-15	SM2320B
KAFB-106242-418	GW242-418-203	7/7/2020	N	442.24 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-15	SM2320B
KAFB-106242-418	GW242-418-203	7/7/2020	N	442.24 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-15	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106242-418	GW242-418-203	7/7/2020	N	442.24 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-15	SW6010C
KAFB-106242-418	GW242-418-203	7/7/2020	N	442.24 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-15	SW6010C
KAFB-106242-418	GW242-418-203	7/7/2020	N	442.24 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-15	SW6010C
KAFB-106242-418	GW242-418-203	7/7/2020	N	442.24 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-15	SW6010C
KAFB-106242-418	GW242-418-203	7/7/2020	N	442.24 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-15	SW6010C
KAFB-106242-418	GW242-418-203	7/7/2020	N	442.24 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-15	SW6020A
KAFB-106242-418	GW242-418-203	7/7/2020	N	442.24 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-15	SW6020A
KAFB-106242-418	GW242-418-203	7/7/2020	N	442.24 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-15	SW8011
KAFB-106231	GW231-203	7/7/2020	N	453.7 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-13	SW8011
KAFB-106232	GW232-203	7/7/2020	N	503.7 ft	4814	North of Ridgecrest	WG	3Q2020	410-6955-14	SW8011
KAFB-106207	GW207-203	7/7/2020	N	473.7 ft	4857	North of Ridgecrest	WG	3Q2020	410-6955-1	SW8011
KAFB-106208	GW208-203	7/7/2020	N	503.7 ft	4838	North of Ridgecrest	WG	3Q2020	410-6955-2	SW8011
KAFB-106209	GW209-203	7/7/2020	N	603.7 ft	4814	North of Ridgecrest	WG	3Q2020	410-6955-3	SW8011
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	E300.0
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	E300.0
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	E300.0
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	E353.2
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	SM2320B
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	SM2320B
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	SM2320B
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	SW6010C
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	SW6010C
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	SW6010C
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	SW6010C
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	SW6010C
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	SW6020A
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	SW6020A
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	SW6020A
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	SW8011
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	SW8260C
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	SW8260C
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	SW8260C
KAFB-106247-450	GW247-450-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-2	SW8260C
KAFB-106230	GW230-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-17	E300.0
KAFB-106230	GW230-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-17	E300.0
KAFB-106230	GW230-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-17	E300.0
KAFB-106230	GW230-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-17	E353.2
KAFB-106230	GW230-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-17	SM2320B
KAFB-106230	GW230-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-17	SM2320B
KAFB-106230	GW230-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-17	SM2320B
KAFB-106230	GW230-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-17	SW6010C
KAFB-106230	GW230-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-17	SW6010C
KAFB-106230	GW230-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-17	SW6010C
KAFB-106230	GW230-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-17	SW6010C
KAFB-106230	GW230-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-17	SW6010C
KAFB-106230	GW230-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-17	SW6010C
KAFB-106230	GW230-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-17	SW6020A
KAFB-106230	GW230-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-17	SW6020A
KAFB-106230	GW230-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-17	SW8011
KAFB-106241-428	GW241-428-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-18	E300.0
KAFB-106241-428	GW241-428-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-18	E300.0
KAFB-106241-428	GW241-428-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-18	E300.0
KAFB-106241-428	GW241-428-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-18	E353.2
KAFB-106241-428	GW241-428-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-18	SM2320B
KAFB-106241-428	GW241-428-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-18	SM2320B

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106241-428	GW241-428-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-18	SM2320B
KAFB-106241-428	GW241-428-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-18	SW6010C
KAFB-106241-428	GW241-428-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-18	SW6010C
KAFB-106241-428	GW241-428-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-18	SW6010C
KAFB-106241-428	GW241-428-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-18	SW6010C
KAFB-106241-428	GW241-428-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-18	SW6010C
KAFB-106241-428	GW241-428-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-18	SW6010C
KAFB-106241-428	GW241-428-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-18	SW6020A
KAFB-106241-428	GW241-428-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-18	SW6020A
KAFB-106241-428	GW241-428-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-18	SW8011
KAFB-106041	GW041-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-8	E300.0
KAFB-106041	GW041-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-8	E300.0
KAFB-106041	GW041-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-8	E300.0
KAFB-106041	GW041-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-8	E353.2
KAFB-106041	GW041-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-8	SM2320B
KAFB-106041	GW041-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-8	SM2320B
KAFB-106041	GW041-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-8	SM2320B
KAFB-106041	GW041-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-8	SW6010C
KAFB-106041	GW041-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-8	SW6010C
KAFB-106041	GW041-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-8	SW6010C
KAFB-106041	GW041-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-8	SW6010C
KAFB-106041	GW041-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-8	SW6010C
KAFB-106041	GW041-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-8	SW6020A
KAFB-106041	GW041-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-8	SW6020A
KAFB-106041	GW041-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-8	SW8011
KAFB-106050	GW050-203	7/8/2020	N		4838	North of Ridgecrest	WG	3Q2020	410-7140-10	SW8011
KAFB-106051	GW051-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-5	SW8011
KAFB-106051	GW051-603	7/8/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	3Q2020	410-7140-6	SW8011
KAFB-106049	GW049-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-4	SW8011
KAFB-106032	GW032-203	7/8/2020	N		4857	North of Ridgecrest	WG	3Q2020	410-7140-1	SW8011
KAFB-106033	GW033-203	7/8/2020	N		4838	North of Ridgecrest	WG	3Q2020	410-7140-12	SW8011
KAFB-106034	GW034-203	7/8/2020	N		4814	North of Ridgecrest	WG	3Q2020	410-7140-11	SW8011
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	E300.0
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	E300.0
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	E300.0
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	E353.2
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	SM2320B
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	SM2320B
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	SM2320B
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	SW6010C
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	SW6010C
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	SW6010C
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	SW6010C
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	SW6010C
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	SW6020A
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	SW6020A
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	SW8011
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	SW8260C
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	SW8260C
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	SW8260C
KAFB-106240-449	GW240-449-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-15	SW8260C
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	E300.0
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	E300.0

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	E300.0
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	E353.2
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	SM2320B
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	SM2320B
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	SM2320B
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	SW6010C
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	SW6010C
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	SW6010C
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	SW6010C
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	SW6010C
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	SW6020A
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	SW6020A
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	SW8011
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	SW8260C
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	SW8260C
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	SW8260C
KAFB-106244-445	GW244-445-203	7/8/2020	N		4857	South of Ridgecrest	WG	3Q2020	410-7140-14	SW8260C
KAFB-106245-460	GW245-460-203	7/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-5	E300.0
KAFB-106245-460	GW245-460-203	7/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-5	E300.0
KAFB-106245-460	GW245-460-203	7/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-5	E300.0
KAFB-106245-460	GW245-460-203	7/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-5	E353.2
KAFB-106245-460	GW245-460-203	7/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-5	SM2320B
KAFB-106245-460	GW245-460-203	7/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-5	SM2320B
KAFB-106245-460	GW245-460-203	7/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-5	SM2320B
KAFB-106245-460	GW245-460-203	7/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-5	SW6010C
KAFB-106245-460	GW245-460-203	7/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-5	SW6010C
KAFB-106245-460	GW245-460-203	7/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-5	SW6010C
KAFB-106245-460	GW245-460-203	7/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-5	SW6010C
KAFB-106245-460	GW245-460-203	7/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-5	SW6020A
KAFB-106245-460	GW245-460-203	7/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-5	SW6020A
KAFB-106245-460	GW245-460-203	7/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-5	SW8011
KAFB-106245-460	GW245-460-203	7/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-5	SW8260C
KAFB-106245-460	GW245-460-203	7/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-5	SW8260C
KAFB-106245-460	GW245-460-203	7/9/2020	N	487.77 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-5	SW8260C
KAFB-106029	GW029-203	7/9/2020	N	451.5 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-10	SW8011
KAFB-106030	GW030-203	7/9/2020	N	470.2 ft	4838	North of Ridgecrest	WG	3Q2020	410-7281-11	SW8011
KAFB-106031	GW031-203	7/9/2020	N	496.5 ft	4814	North of Ridgecrest	WG	3Q2020	410-7281-12	SW8011
KAFB-106243-425	GW243-425-203	7/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-7	E300.0
KAFB-106243-425	GW243-425-203	7/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-7	E300.0
KAFB-106243-425	GW243-425-203	7/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-7	E300.0
KAFB-106243-425	GW243-425-203	7/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-7	E353.2
KAFB-106243-425	GW243-425-203	7/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-7	SM2320B
KAFB-106243-425	GW243-425-203	7/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-7	SM2320B
KAFB-106243-425	GW243-425-203	7/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-7	SM2320B
KAFB-106243-425	GW243-425-203	7/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-7	SW6010C
KAFB-106243-425	GW243-425-203	7/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-7	SW6010C
KAFB-106243-425	GW243-425-203	7/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-7	SW6010C
KAFB-106243-425	GW243-425-203	7/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-7	SW6010C
KAFB-106243-425	GW243-425-203	7/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-7	SW6010C
KAFB-106243-425	GW243-425-203	7/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-7	SW6020A

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106243-425	GW243-425-203	7/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-7	SW6020A
KAFB-106243-425	GW243-425-203	7/9/2020	N	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-7	SW8011
KAFB-106243-425	GW243-425-603	7/9/2020	FD	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-8	E300.0
KAFB-106243-425	GW243-425-603	7/9/2020	FD	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-8	E300.0
KAFB-106243-425	GW243-425-603	7/9/2020	FD	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-8	E300.0
KAFB-106243-425	GW243-425-603	7/9/2020	FD	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-8	E353.2
KAFB-106243-425	GW243-425-603	7/9/2020	FD	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-8	SM2320B
KAFB-106243-425	GW243-425-603	7/9/2020	FD	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-8	SM2320B
KAFB-106243-425	GW243-425-603	7/9/2020	FD	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-8	SM2320B
KAFB-106243-425	GW243-425-603	7/9/2020	FD	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-8	SW6010C
KAFB-106243-425	GW243-425-603	7/9/2020	FD	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-8	SW6010C
KAFB-106243-425	GW243-425-603	7/9/2020	FD	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-8	SW6010C
KAFB-106243-425	GW243-425-603	7/9/2020	FD	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-8	SW6010C
KAFB-106243-425	GW243-425-603	7/9/2020	FD	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-8	SW6010C
KAFB-106243-425	GW243-425-603	7/9/2020	FD	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-8	SW6010C
KAFB-106243-425	GW243-425-603	7/9/2020	FD	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-8	SW6020A
KAFB-106243-425	GW243-425-603	7/9/2020	FD	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-8	SW6020A
KAFB-106243-425	GW243-425-603	7/9/2020	FD	449.14 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-8	SW8011
KAFB-106201	GW201-203	7/9/2020	N	490.35 ft	4857	North of Ridgecrest	WG	3Q2020	410-7281-15	SW8011
KAFB-106202	GW202-203	7/9/2020	N	520.6 ft	4838	North of Ridgecrest	WG	3Q2020	410-7281-16	SW8011
KAFB-106203	GW203-203	7/9/2020	N	623.78 ft	4814	North of Ridgecrest	WG	3Q2020	410-7281-17	SW8011
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	E300.0
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	E300.0
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	E300.0
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	E353.2
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	SM2320B
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	SM2320B
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	SM2320B
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	SM2320B
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	SW6010C
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	SW6010C
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	SW6010C
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	SW6010C
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	SW6010C
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	SW6020A
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	SW6020A
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	SW8011
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	SW8260C
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	SW8260C
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	SW8260C
KAFB-106009	GW009-203	7/9/2020	N	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-1	SW8260C
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	E300.0
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	E300.0
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	E300.0
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	E353.2
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	SM2320B
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	SM2320B
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	SM2320B
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	SW6010C
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	SW6010C
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	SW6010C
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	SW6010C
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	SW6010C
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	SW6020A

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	SW6020A
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	SW8011
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	SW8260C
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	SW8260C
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	SW8260C
KAFB-106009	GW009-603	7/9/2020	FD	484.39 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-2	SW8260C
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	E300.0
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	E300.0
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	E300.0
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	E353.2
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	SM2320B
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	SM2320B
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	SM2320B
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	SW6010C
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	SW6010C
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	SW6010C
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	SW6010C
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	SW6010C
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	SW6010C
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	SW6020A
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	SW6020A
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	SW8011
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	SW8260C
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	SW8260C
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	SW8260C
KAFB-106S4-446	GWS4-446-203	7/9/2020	N	473.04 ft	4857	South of Ridgecrest	WG	3Q2020	410-7281-4	SW8260C
KAFB-106152-484	GW152-484-203	7/10/2020	N	474.88 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-11	E300.0
KAFB-106152-484	GW152-484-203	7/10/2020	N	474.88 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-11	E300.0
KAFB-106152-484	GW152-484-203	7/10/2020	N	474.88 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-11	E300.0
KAFB-106152-484	GW152-484-203	7/10/2020	N	474.88 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-11	E353.2
KAFB-106152-484	GW152-484-203	7/10/2020	N	474.88 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-11	SM2320B
KAFB-106152-484	GW152-484-203	7/10/2020	N	474.88 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-11	SM2320B
KAFB-106152-484	GW152-484-203	7/10/2020	N	474.88 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-11	SM2320B
KAFB-106152-484	GW152-484-203	7/10/2020	N	474.88 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-11	SW6010C
KAFB-106152-484	GW152-484-203	7/10/2020	N	474.88 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-11	SW6010C
KAFB-106152-484	GW152-484-203	7/10/2020	N	474.88 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-11	SW6010C
KAFB-106152-484	GW152-484-203	7/10/2020	N	474.88 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-11	SW6010C
KAFB-106152-484	GW152-484-203	7/10/2020	N	474.88 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-11	SW6010C
KAFB-106152-484	GW152-484-203	7/10/2020	N	474.88 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-11	SW6020A
KAFB-106152-484	GW152-484-203	7/10/2020	N	474.88 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-11	SW6020A
KAFB-106152-484	GW152-484-203	7/10/2020	N	474.88 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-11	SW8011
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	E300.0
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	E300.0
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	E300.0
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	E353.2
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	SM2320B
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	SM2320B
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	SM2320B
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	SW6010C
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	SW6010C
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	SW6010C
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	SW6010C
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	SW6010C
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	SW6020A
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	SW6020A
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	SW8011
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	SW8260C
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	SW8260C
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	SW8260C
KAFB-106S1-447	GWS1-447-203	7/10/2020	N	471.12 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-1	SW8260C
KAFB-106149-484	GW149-484-203	7/10/2020	N	472 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-9	E300.0
KAFB-106149-484	GW149-484-203	7/10/2020	N	472 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-9	E300.0
KAFB-106149-484	GW149-484-203	7/10/2020	N	472 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-9	E300.0
KAFB-106149-484	GW149-484-203	7/10/2020	N	472 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-9	E353.2
KAFB-106149-484	GW149-484-203	7/10/2020	N	472 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-9	SM2320B
KAFB-106149-484	GW149-484-203	7/10/2020	N	472 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-9	SM2320B
KAFB-106149-484	GW149-484-203	7/10/2020	N	472 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-9	SM2320B
KAFB-106149-484	GW149-484-203	7/10/2020	N	472 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-9	SW6010C
KAFB-106149-484	GW149-484-203	7/10/2020	N	472 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-9	SW6010C
KAFB-106149-484	GW149-484-203	7/10/2020	N	472 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-9	SW6010C
KAFB-106149-484	GW149-484-203	7/10/2020	N	472 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-9	SW6010C
KAFB-106149-484	GW149-484-203	7/10/2020	N	472 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-9	SW6010C
KAFB-106149-484	GW149-484-203	7/10/2020	N	472 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-9	SW6020A
KAFB-106149-484	GW149-484-203	7/10/2020	N	472 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-9	SW6020A
KAFB-106149-484	GW149-484-203	7/10/2020	N	472 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-9	SW8011
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	E300.0
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	E300.0
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	E300.0
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	E353.2
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	SM2320B
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	E353.2
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	SM2320B
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	SM2320B
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	SM2320B
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	SW6010C
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	SW6010C
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	SW6010C
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	SW6010C
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	SW6010C
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	SW6020A
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	SW6020A
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	SW8011
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	SW8260C
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	SW8260C
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	SW8260C
KAFB-106S5-446	GWS5-446-203	7/10/2020	N	470.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-4	SW8260C
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	E300.0
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	E300.0
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	E300.0
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	E353.2
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	SM2320B
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	SM2320B
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	SM2320B
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	SW6010C
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	SW6010C
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	SW6010C
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	SW6010C
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	SW6010C
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	SW6020A
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	SW6020A
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	SW8011
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	SW8260C
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	SW8260C
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	SW8260C
KAFB-106S7-451	GWS7-451-203	7/10/2020	N	475.1 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-5	SW8260C
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	E300.0
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	E300.0
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	E300.0
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	E353.2
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	SM2320B
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	SM2320B
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	SM2320B
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	SW6010C
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	SW6010C
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	SW6010C
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	SW6010C
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	SW6010C
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	SW6010C
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	SW6020A
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	SW6020A
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	SW8011
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	SW8260C
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	SW8260C
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	SW8260C
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	SW8260C
KAFB-106S3-449	GWS3-449-203	7/10/2020	N	478.91 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-3	SW8260C
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	E300.0
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	E300.0
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	E300.0
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	E353.2
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	SM2320B
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	SM2320B
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	SM2320B
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	SW6010C
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	SW6010C
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	SW6010C
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	SW6010C
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	SW6010C
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	SW6020A
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	SW6020A
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	SW8011
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	SW8260C
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	SW8260C
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	SW8260C
KAFB-106S2-451	GWS2-451-203	7/10/2020	N	478.15 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-2	SW8260C
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	E300.0
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	E300.0
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	E300.0
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	E353.2
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	SM2320B
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	SM2320B
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	SM2320B

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	SW6010C
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	SW6010C
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	SW6010C
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	SW6010C
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	SW6010C
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	SW6010C
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	SW6020A
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	SW6020A
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	SW8011
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	SW8260C
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	SW8260C
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	SW8260C
KAFB-106S9-447	GWS9-447-203	7/10/2020	N	473.7 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-8	SW8260C
KAFB-106151-484	GW151-484-203	7/10/2020	N	472.19 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-10	E300.0
KAFB-106151-484	GW151-484-203	7/10/2020	N	472.19 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-10	E300.0
KAFB-106151-484	GW151-484-203	7/10/2020	N	472.19 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-10	E300.0
KAFB-106151-484	GW151-484-203	7/10/2020	N	472.19 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-10	E353.2
KAFB-106151-484	GW151-484-203	7/10/2020	N	472.19 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-10	SM2320B
KAFB-106151-484	GW151-484-203	7/10/2020	N	472.19 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-10	SM2320B
KAFB-106151-484	GW151-484-203	7/10/2020	N	472.19 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-10	SM2320B
KAFB-106151-484	GW151-484-203	7/10/2020	N	472.19 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-10	SW6010C
KAFB-106151-484	GW151-484-203	7/10/2020	N	472.19 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-10	SW6010C
KAFB-106151-484	GW151-484-203	7/10/2020	N	472.19 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-10	SW6010C
KAFB-106151-484	GW151-484-203	7/10/2020	N	472.19 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-10	SW6010C
KAFB-106151-484	GW151-484-203	7/10/2020	N	472.19 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-10	SW6010C
KAFB-106151-484	GW151-484-203	7/10/2020	N	472.19 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-10	SW6020A
KAFB-106151-484	GW151-484-203	7/10/2020	N	472.19 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-10	SW6020A
KAFB-106151-484	GW151-484-203	7/10/2020	N	472.19 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-10	SW8011
KAFB-106153-484	GW153-484-203	7/10/2020	N	474.89 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-12	E300.0
KAFB-106153-484	GW153-484-203	7/10/2020	N	474.89 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-12	E300.0
KAFB-106153-484	GW153-484-203	7/10/2020	N	474.89 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-12	E300.0
KAFB-106153-484	GW153-484-203	7/10/2020	N	474.89 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-12	E353.2
KAFB-106153-484	GW153-484-203	7/10/2020	N	474.89 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-12	SM2320B
KAFB-106153-484	GW153-484-203	7/10/2020	N	474.89 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-12	SM2320B
KAFB-106153-484	GW153-484-203	7/10/2020	N	474.89 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-12	SM2320B
KAFB-106153-484	GW153-484-203	7/10/2020	N	474.89 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-12	SW6010C
KAFB-106153-484	GW153-484-203	7/10/2020	N	474.89 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-12	SW6010C
KAFB-106153-484	GW153-484-203	7/10/2020	N	474.89 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-12	SW6010C
KAFB-106153-484	GW153-484-203	7/10/2020	N	474.89 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-12	SW6010C
KAFB-106153-484	GW153-484-203	7/10/2020	N	474.89 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-12	SW6010C
KAFB-106153-484	GW153-484-203	7/10/2020	N	474.89 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-12	SW6020A
KAFB-106153-484	GW153-484-203	7/10/2020	N	474.89 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-12	SW6020A
KAFB-106153-484	GW153-484-203	7/10/2020	N	474.89 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-12	SW8011
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	E300.0
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	E300.0
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	E300.0
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	E353.2
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	SM2320B
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	SM2320B
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	SM2320B
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	SW6010C
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	SW6010C
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	SW6010C
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	SW6010C
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	SW6010C
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	SW6020A
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	SW6020A
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	SW8011
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	SW8260C
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	SW8260C
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	SW8260C
KAFB-106S8-451	GWS8-451-203	7/10/2020	N	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-6	SW8260C
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	E300.0
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	E300.0
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	E300.0
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	E353.2
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	SM2320B
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	SM2320B
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	SM2320B
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	SW6010C
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	SW6010C
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	SW6010C
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	SW6010C
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	SW6010C
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	SW6010C
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	SW6020A
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	SW6020A
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	SW8011
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	SW8260C
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	SW8260C
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	SW8260C
KAFB-106S8-451	GWS8-451-603	7/10/2020	FD	478.32 ft	4857	South of Ridgecrest	WG	3Q2020	410-7458-7	SW8260C
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	E300.0
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	E300.0
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	E300.0
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	E353.2
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	SM2320B
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	SM2320B
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	SM2320B
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	SW6010C
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	SW6010C
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	SW6010C
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	SW6010C
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	SW6010C
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	SW6020A
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	SW6020A
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	SW8011
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	SW8260C
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	SW8260C
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	SW8260C
KAFB-106005	GW005-203	7/13/2020	N	482.57 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-2	SW8260C
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	E300.0
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	E300.0
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	E300.0
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	E353.2
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	SM2320B

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	SM2320B
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	SM2320B
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	SW6010C
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	SW6010C
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	SW6010C
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	SW6010C
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	SW6010C
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	SW6010C
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	SW6020A
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	SW6020A
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	SW8011
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	SW8260C
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	SW8260C
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	SW8260C
KAFB-106012R	GW012R-203	7/14/2020	N	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-6	SW8260C
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	E300.0
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	E300.0
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	E300.0
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	E353.2
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	SM2320B
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	SM2320B
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	SM2320B
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	SW6010C
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	SW6010C
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	SW6010C
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	SW6010C
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	SW6010C
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	SW6020A
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	SW6020A
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	SW8011
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	SW8260C
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	SW8260C
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	SW8260C
KAFB-106012R	GW012R-603	7/14/2020	FD	495 ft	4857	South of Ridgecrest	WG	3Q2020	410-7707-4	SW8260C
KAFB-106101	GW101-203	7/15/2020	N	505 ft	4838	South of Ridgecrest	WG	3Q2020	410-8076-6	SW8011
KAFB-106101	GW101-203	7/15/2020	N	505 ft	4838	South of Ridgecrest	WG	3Q2020	410-8076-6	SW8260C
KAFB-106101	GW101-203	7/15/2020	N	505 ft	4838	South of Ridgecrest	WG	3Q2020	410-8076-6	SW8260C
KAFB-106101	GW101-203	7/15/2020	N	505 ft	4838	South of Ridgecrest	WG	3Q2020	410-8076-6	SW8260C
KAFB-106101	GW101-203	7/15/2020	N	505 ft	4838	South of Ridgecrest	WG	3Q2020	410-8076-6	SW8260C
KAFB-106102	GW102-203	7/15/2020	N	526 ft	4814	South of Ridgecrest	WG	3Q2020	410-8076-7	SW8011
KAFB-106102	GW102-203	7/15/2020	N	526 ft	4814	South of Ridgecrest	WG	3Q2020	410-8076-7	SW8260C
KAFB-106102	GW102-203	7/15/2020	N	526 ft	4814	South of Ridgecrest	WG	3Q2020	410-8076-7	SW8260C
KAFB-106102	GW102-203	7/15/2020	N	526 ft	4814	South of Ridgecrest	WG	3Q2020	410-8076-7	SW8260C
KAFB-106102	GW102-203	7/15/2020	N	526 ft	4814	South of Ridgecrest	WG	3Q2020	410-8076-7	SW8260C
KAFB-106003	GW003-203	7/15/2020	N	482 ft	4857	South of Ridgecrest	WG	3Q2020	410-8076-5	SW8011
KAFB-106003	GW003-203	7/15/2020	N	482 ft	4857	South of Ridgecrest	WG	3Q2020	410-8076-5	SW8260C
KAFB-106003	GW003-203	7/15/2020	N	482 ft	4857	South of Ridgecrest	WG	3Q2020	410-8076-5	SW8260C
KAFB-106003	GW003-203	7/15/2020	N	482 ft	4857	South of Ridgecrest	WG	3Q2020	410-8076-5	SW8260C
KAFB-106003	GW003-203	7/15/2020	N	482 ft	4857	South of Ridgecrest	WG	3Q2020	410-8076-5	SW8260C
KAFB-106013	GW013-203	7/15/2020	N	491 ft	4857	South of Ridgecrest	WG	3Q2020	410-8076-9	SW8011
KAFB-106013	GW013-203	7/15/2020	N	491 ft	4857	South of Ridgecrest	WG	3Q2020	410-8076-9	SW8260C
KAFB-106013	GW013-203	7/15/2020	N	491 ft	4857	South of Ridgecrest	WG	3Q2020	410-8076-9	SW8260C
KAFB-106013	GW013-203	7/15/2020	N	491 ft	4857	South of Ridgecrest	WG	3Q2020	410-8076-9	SW8260C
KAFB-106013	GW013-203	7/15/2020	N	491 ft	4857	South of Ridgecrest	WG	3Q2020	410-8076-9	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106098	GW098-203	7/15/2020	N	533 ft	4814	South of Ridgecrest	WG	3Q2020	410-8076-11	SW8011
KAFB-106098	GW098-203	7/15/2020	N	533 ft	4814	South of Ridgecrest	WG	3Q2020	410-8076-11	SW8260C
KAFB-106098	GW098-203	7/15/2020	N	533 ft	4814	South of Ridgecrest	WG	3Q2020	410-8076-11	SW8260C
KAFB-106098	GW098-203	7/15/2020	N	533 ft	4814	South of Ridgecrest	WG	3Q2020	410-8076-11	SW8260C
KAFB-106098	GW098-203	7/15/2020	N	533 ft	4814	South of Ridgecrest	WG	3Q2020	410-8076-11	SW8260C
KAFB-106097	GW097-203	7/16/2020	N	508 ft	4838	South of Ridgecrest	WG	3Q2020	410-8076-10	SW8011
KAFB-106097	GW097-203	7/16/2020	N	508 ft	4838	South of Ridgecrest	WG	3Q2020	410-8076-10	SW8260C
KAFB-106097	GW097-203	7/16/2020	N	508 ft	4838	South of Ridgecrest	WG	3Q2020	410-8076-10	SW8260C
KAFB-106097	GW097-203	7/16/2020	N	508 ft	4838	South of Ridgecrest	WG	3Q2020	410-8076-10	SW8260C
KAFB-106097	GW097-203	7/16/2020	N	508 ft	4838	South of Ridgecrest	WG	3Q2020	410-8076-10	SW8260C
KAFB-106004	GW004-203	7/16/2020	N	488.74 ft	4857	South of Ridgecrest	WG	3Q2020	410-8076-1	SW8011
KAFB-106004	GW004-203	7/16/2020	N	488.74 ft	4857	South of Ridgecrest	WG	3Q2020	410-8076-1	SW8260C
KAFB-106004	GW004-203	7/16/2020	N	488.74 ft	4857	South of Ridgecrest	WG	3Q2020	410-8076-1	SW8260C
KAFB-106004	GW004-203	7/16/2020	N	488.74 ft	4857	South of Ridgecrest	WG	3Q2020	410-8076-1	SW8260C
KAFB-106004	GW004-203	7/16/2020	N	488.74 ft	4857	South of Ridgecrest	WG	3Q2020	410-8076-1	SW8260C
KAFB-106100	GW100-203	7/16/2020	N	528 ft	4814	South of Ridgecrest	WG	3Q2020	410-8076-3	SW8011
KAFB-106100	GW100-203	7/16/2020	N	528 ft	4814	South of Ridgecrest	WG	3Q2020	410-8076-3	SW8260C
KAFB-106100	GW100-203	7/16/2020	N	528 ft	4814	South of Ridgecrest	WG	3Q2020	410-8076-3	SW8260C
KAFB-106100	GW100-203	7/16/2020	N	528 ft	4814	South of Ridgecrest	WG	3Q2020	410-8076-3	SW8260C
KAFB-106100	GW100-203	7/16/2020	N	528 ft	4814	South of Ridgecrest	WG	3Q2020	410-8076-3	SW8260C
KAFB-106099	GW099-203	7/16/2020	N	503 ft	4838	South of Ridgecrest	WG	3Q2020	410-8076-2	SW8011
KAFB-106099	GW099-203	7/16/2020	N	503 ft	4838	South of Ridgecrest	WG	3Q2020	410-8076-2	SW8260C
KAFB-106099	GW099-203	7/16/2020	N	503 ft	4838	South of Ridgecrest	WG	3Q2020	410-8076-2	SW8260C
KAFB-106099	GW099-203	7/16/2020	N	503 ft	4838	South of Ridgecrest	WG	3Q2020	410-8076-2	SW8260C
KAFB-106099	GW099-203	7/16/2020	N	503 ft	4838	South of Ridgecrest	WG	3Q2020	410-8076-2	SW8260C
KAFB-0508-MW	GW0508-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-4	SW6010C
KAFB-0508-MW	GW0508-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-4	SW6010C
KAFB-0508-MW	GW0508-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-4	SW6010C
KAFB-0508-MW	GW0508-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-4	SW6010C
KAFB-0508-MW	GW0508-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-4	SW6010C
KAFB-0508-MW	GW0508-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-4	SW6020A
KAFB-0508-MW	GW0508-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-4	SW6020A
KAFB-0508-MW	GW0508-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-4	SW8011
KAFB-0508-MW	GW0508-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-4	SW8260C
KAFB-0508-MW	GW0508-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-4	SW8260C
KAFB-0508-MW	GW0508-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-4	SW8260C
KAFB-0508-MW	GW0508-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-4	SM4500SIO2C
KAFB-0508-MW	GW0508-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-4	SW6010C
KAFB-0508-MW	GW0508-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-4	SW6010C
KAFB-0505	GW0505-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-1	SM4500SIO2C
KAFB-0505	GW0505-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-1	SW6010C
KAFB-0505	GW0505-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-1	SW6010C
KAFB-0505	GW0505-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-1	SW6010C
KAFB-0505	GW0505-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-1	SW6010C
KAFB-0505	GW0505-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-1	SW6010C
KAFB-0505	GW0505-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-1	SW6010C
KAFB-0505	GW0505-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-1	SW6010C
KAFB-0505	GW0505-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-1	SW6020A
KAFB-0505	GW0505-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-1	SW6020A
KAFB-0505	GW0505-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-1	SW8011
KAFB-0505	GW0505-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-1	SW8260C
KAFB-0505	GW0505-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-0505	GW0505-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-1	SW8260C
KAFB-0505	GW0505-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-1	SW8260C
ST105MW507R	GW0507R-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-2	SM4500SIO2C
ST105MW507R	GW0507R-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-2	SW6010C
ST105MW507R	GW0507R-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-2	SW6010C
ST105MW507R	GW0507R-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-2	SW6010C
ST105MW507R	GW0507R-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-2	SW6010C
ST105MW507R	GW0507R-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-2	SW6010C
ST105MW507R	GW0507R-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-2	SW6010C
ST105MW507R	GW0507R-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-2	SW6010C
ST105MW507R	GW0507R-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-2	SW6020A
ST105MW507R	GW0507R-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-2	SW6020A
ST105MW507R	GW0507R-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-2	SW8011
ST105MW507R	GW0507R-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-2	SW8260C
ST105MW507R	GW0507R-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-2	SW8260C
ST105MW507R	GW0507R-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-2	SW8260C
ST105MW507R	GW0507R-203	7/27/2020	N	497 ft			WG	2Q2020-AECOM	410-8885-2	SW8260C
ST105MW507R	GW0507R-603	7/27/2020	FD	497 ft			WG	2Q2020-AECOM	410-8885-3	SM4500SIO2C
ST105MW507R	GW0507R-603	7/27/2020	FD	497 ft			WG	2Q2020-AECOM	410-8885-3	SW6010C
ST105MW507R	GW0507R-603	7/27/2020	FD	497 ft			WG	2Q2020-AECOM	410-8885-3	SW6010C
ST105MW507R	GW0507R-603	7/27/2020	FD	497 ft			WG	2Q2020-AECOM	410-8885-3	SW6010C
ST105MW507R	GW0507R-603	7/27/2020	FD	497 ft			WG	2Q2020-AECOM	410-8885-3	SW6010C
ST105MW507R	GW0507R-603	7/27/2020	FD	497 ft			WG	2Q2020-AECOM	410-8885-3	SW6010C
ST105MW507R	GW0507R-603	7/27/2020	FD	497 ft			WG	2Q2020-AECOM	410-8885-3	SW6010C
ST105MW507R	GW0507R-603	7/27/2020	FD	497 ft			WG	2Q2020-AECOM	410-8885-3	SW6010C
ST105MW507R	GW0507R-603	7/27/2020	FD	497 ft			WG	2Q2020-AECOM	410-8885-3	SW6020A
ST105MW507R	GW0507R-603	7/27/2020	FD	497 ft			WG	2Q2020-AECOM	410-8885-3	SW6020A
ST105MW507R	GW0507R-603	7/27/2020	FD	497 ft			WG	2Q2020-AECOM	410-8885-3	SW6020A
ST105MW507R	GW0507R-603	7/27/2020	FD	497 ft			WG	2Q2020-AECOM	410-8885-3	SW8011
ST105MW507R	GW0507R-603	7/27/2020	FD	497 ft			WG	2Q2020-AECOM	410-8885-3	SW8260C
ST105MW507R	GW0507R-603	7/27/2020	FD	497 ft			WG	2Q2020-AECOM	410-8885-3	SW8260C
ST105MW507R	GW0507R-603	7/27/2020	FD	497 ft			WG	2Q2020-AECOM	410-8885-3	SW8260C
ST105MW507R	GW0507R-603	7/27/2020	FD	497 ft			WG	2Q2020-AECOM	410-8885-3	SW8260C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	E300.0
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	E300.0
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	E300.0
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	E353.2
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SM2320B
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SM2320B
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SM2320B
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW6010C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW6010C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW6010C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW6010C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW6010C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW6010C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW6020A
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW6020A
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW8011
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW8260C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW8260C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW8260C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW8260C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW8260C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW8260C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW8260C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW8260C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW8260C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW8260C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW8260C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW8260C
KAFB-106011	GW011-204	10/1/2020	N	489 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-7	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	E300.0
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	E300.0
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	E300.0
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	E353.2
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SM2320B
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SM2320B
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SM2320B
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW6010C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW6010C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW6010C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW6010C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW6010C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW6010C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW6020A
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW6020A
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8011
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-204	10/1/2020	N	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-1	SW8260C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	E300.0
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	E300.0
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	E300.0
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	E353.2
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SM2320B
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SM2320B
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SM2320B
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW6010C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW6010C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW6010C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW6010C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW6010C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW6010C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW6020A
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW6020A
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW8011

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW8260C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW8260C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW8260C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW8260C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW8260C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW8260C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW8260C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW8260C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW8260C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW8260C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW8260C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW8260C
KAFB-106044	GW044-604	10/1/2020	FD	506.2 ft	4838	South of Ridgecrest	WG	4Q2020	410-15842-2	SW8260C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	E300.0
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	E300.0
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	E300.0
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	E353.2
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SM2320B
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SM2320B
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SM2320B
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW6010C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW6010C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW6010C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW6010C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW6010C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW6010C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW6020A
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW6020A
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW6020A
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8011
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8260C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8260C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8260C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8260C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8260C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8260C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8260C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8260C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8260C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8260C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8260C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8260C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8260C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8260C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8260C
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106027	GW027-204	10/1/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW6010C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW6010C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW6020A
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW6020A
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8011
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C
KAFB-106016	GW016-204	10/1/2020	N	478 ft	4857	South of Ridgecrest	WG	4Q2020	410-15842-4	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	E300.0
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	E300.0
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	E300.0
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	E353.2
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SM2320B
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SM2320B
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SM2320B
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW6010C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW6010C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW6010C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW6010C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW6010C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW6020A
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW6020A
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8011
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106012R	GW012R-204	10/2/2020	N	495 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SM2320B
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-3411	GW3411-204	10/2/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-15948-2	SW8260C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	E300.0
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	E300.0
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	E300.0
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	E353.2
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	E353.2
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SM2320B
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SM2320B
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SM2320B
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW6010C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW6010C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW6010C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW6010C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW6010C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW6010C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW6020A
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW6020A
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW8011
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW8260C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW8260C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW8260C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW8260C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW8260C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW8260C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW8260C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW8260C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW8260C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW8260C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW8260C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW8260C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW8260C
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106235-472	GW235-472-204	10/5/2020	N	472.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16197-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	E300.0
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	E300.0
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	E353.2
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SM2320B
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SM2320B
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SM2320B
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106007	GW007-204	10/5/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-9	SW8260C
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	E300.0
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	E300.0
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	E300.0
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	E353.2
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SM2320B
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SM2320B
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SM2320B
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW6010C
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW6010C
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW6010C
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW6010C
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW6010C
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW6020A
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW6020A
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW8011
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW8260C
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW8260C
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW8260C
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW8260C
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW8260C
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW8260C
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW8260C
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW8260C
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW8260C
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW8260C
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW8260C
KAFB-106235-438	GW235-438-204	10/5/2020	N	443.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-10	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	E300.0
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	E300.0
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	E300.0
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	E353.2
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SM2320B
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SM2320B
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SM2320B
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW6010C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW6010C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW6010C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW6010C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW6010C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW6010C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW6020A
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW6020A
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8011
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106235-501	GW235-501-204	10/5/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-11	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106236-436	GW236-436-204	10/5/2020	N	441.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106236-436	GW236-436-204	10/5/2020	N	441.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-1	SW8260C
KAFB-106236-436	GW236-436-204	10/5/2020	N	441.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-1	SW8260C
KAFB-106236-436	GW236-436-204	10/5/2020	N	441.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-1	SW8260C
KAFB-106236-436	GW236-436-204	10/5/2020	N	441.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-1	SW8260C
KAFB-106236-436	GW236-436-204	10/5/2020	N	441.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-1	SW8260C
KAFB-106236-436	GW236-436-204	10/5/2020	N	441.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-1	SW8260C
KAFB-106236-436	GW236-436-204	10/5/2020	N	441.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-1	SW8260C
KAFB-106236-436	GW236-436-204	10/5/2020	N	441.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-1	SW8260C
KAFB-106236-436	GW236-436-204	10/5/2020	N	441.9 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-1	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	E300.0
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	E300.0
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	E300.0
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	E353.2
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SM2320B
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SM2320B
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SM2320B
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW6010C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW6010C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW6010C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW6010C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW6010C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW6010C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW6020A
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW6020A
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8011
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106236-470	GW236-470-204	10/5/2020	N	470.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16365-2	SW8260C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	E300.0
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	E300.0
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	E300.0
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	E353.2
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SM2320B
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SM2320B
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SM2320B
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW6010C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW6010C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW6010C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW6010C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW6010C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW6010C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW6020A
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW6020A
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW8011

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW8260C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW8260C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW8260C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW8260C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW8260C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW8260C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW8260C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW8260C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW8260C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW8260C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW8260C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW8260C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW8260C
KAFB-106038	GW038-204	10/5/2020	N	483 ft	4857	South of Ridgecrest	WG	4Q2020	410-16365-7	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	E300.0
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	E300.0
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	E300.0
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	E353.2
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SM2320B
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SM2320B
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SM2320B
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW6010C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW6010C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW6010C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW6010C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW6010C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW6010C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW6020A
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW6020A
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8011
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106236-499	GW236-499-204	10/5/2020	N	499.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16365-3	SW8260C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	E300.0
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	E300.0
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	E300.0
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	E353.2
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SM2320B
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SM2320B
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SM2320B
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW6010C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW6010C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW6010C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW6010C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW6010C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW6020A
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW6020A
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8011
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8260C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8260C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8260C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8260C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8260C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8260C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8260C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8260C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8260C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8260C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8260C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8260C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8260C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8260C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8260C
KAFB-106207	GW207-204	10/5/2020	N	473.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16365-5	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	E300.0
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	E300.0
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	E300.0
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	E353.2
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SM2320B
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SM2320B
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SM2320B
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW6010C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW6010C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW6010C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW6010C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW6010C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW6020A
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW6020A
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8011
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106039	GW039-204	10/5/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-18	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SM2320B
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-204	10/6/2020	N	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-13	SW8260C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	E300.0
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	E300.0
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	E300.0
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	E353.2
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	E300.0
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	E353.2
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SM2320B
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SM2320B
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SM2320B
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW6010C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW6010C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW6010C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW6010C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW6010C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW6010C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW6020A
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW6020A
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW8011
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW8260C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW8260C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW8260C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW8260C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW8260C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW8260C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW8260C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW8260C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW8260C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW8260C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW8260C
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106208	GW208-604	10/6/2020	FD	503.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-14	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	E300.0
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	E300.0
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	E353.2
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SM2320B
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SM2320B
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SM2320B
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106209	GW209-204	10/6/2020	N	603.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-15	SW8260C
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	E300.0
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	E300.0
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	E300.0
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	E353.2
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SM2320B
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SM2320B
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SM2320B
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW6010C
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW6010C
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW6010C
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW6010C
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW6010C
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW6010C
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW6020A
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW6020A
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW8011
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW8260C
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW8260C
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW8260C
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW8260C
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW8260C
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW8260C
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW8260C
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW8260C
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106083	GW083-204	10/6/2020	N	498 ft	4838	South of Ridgecrest	WG	4Q2020	410-16376-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106231	GW231-204	10/6/2020	N	453.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-9	SW8260C
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	E300.0
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	E300.0
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	E300.0
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	E353.2
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SM2320B
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SM2320B
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SM2320B
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SW6010C
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SW6010C
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SW6010C
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SW6010C
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SW6010C
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SW6010C
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SW6020A
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SW6020A
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SW8011
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SW8260C
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SW8260C
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SW8260C
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SW8260C
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106232	GW232-204	10/6/2020	N	503.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-10	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106242-418	GW242-418-204	10/6/2020	N	442.24 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-11	SW8260C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	E300.0
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	E300.0
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	E300.0
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	E353.2
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SM2320B
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SM2320B
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SM2320B
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW6010C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW6010C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW6010C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW6010C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW6010C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW6010C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW6020A
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW6020A
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW8011

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW8260C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW8260C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW8260C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW8260C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW8260C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW8260C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW8260C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW8260C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW8260C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW8260C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW8260C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW8260C
KAFB-106021	GW021-204	10/6/2020	N	458.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16376-17	SW8260C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	E300.0
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	E300.0
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	E300.0
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	E353.2
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SM2320B
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SM2320B
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SM2320B
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW6010C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW6010C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW6010C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW6010C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW6010C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW6010C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW6020A
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW6020A
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8011
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8260C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8260C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8260C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8260C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8260C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8260C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8260C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8260C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8260C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8260C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8260C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8260C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8260C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8260C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8260C
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106082	GW082-204	10/6/2020	N	474 ft	4857	South of Ridgecrest	WG	4Q2020	410-16376-19	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW6010C
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW6010C
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW6020A
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW6020A
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8011
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8260C
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8260C
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8260C
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8260C
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8260C
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8260C
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8260C
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8260C
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8260C
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8260C
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8260C
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8260C
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8260C
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8260C
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8260C
KAFB-106031	GW031-204	10/6/2020	N	496.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16376-3	SW8260C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	E300.0
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	E300.0
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	E300.0
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	E353.2
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SM2320B
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SM2320B
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SM2320B
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW6010C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW6010C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW6010C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW6010C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW6010C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW6010C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW6020A
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW6020A
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8011
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106030	GW030-204	10/6/2020	N	470.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SM2320B
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106029	GW029-204	10/6/2020	N	451.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-1	SW8260C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	E300.0
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	E300.0
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	E300.0
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	E353.2
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	E353.2
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SM2320B
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SM2320B
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SM2320B
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW6010C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW6010C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW6010C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW6010C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW6010C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW6010C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW6020A
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW6020A
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW8011
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW8260C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW8260C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW8260C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW8260C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW8260C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW8260C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW8260C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW8260C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW8260C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW8260C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW8260C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW8260C
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106084	GW084-204	10/6/2020	N	571 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-17	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106205	GW205-204	10/6/2020	N	493.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-7	E300.0
KAFB-106205	GW205-204	10/6/2020	N	493.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-7	E300.0
KAFB-106205	GW205-204	10/6/2020	N	493.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-7	E353.2
KAFB-106205	GW205-204	10/6/2020	N	493.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-7	SM2320B
KAFB-106205	GW205-204	10/6/2020	N	493.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-7	SM2320B
KAFB-106205	GW205-204	10/6/2020	N	493.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-7	SM2320B
KAFB-106205	GW205-204	10/6/2020	N	493.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-7	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106205	GW205-204	10/6/2020	N	493.2 ft	4838	North of Ridgecrest	WG	4Q2020	410-16376-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106204	GW204-204	10/6/2020	N	463.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106204	GW204-204	10/6/2020	N	463.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-6	SW8260C
KAFB-106204	GW204-204	10/6/2020	N	463.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-6	SW8260C
KAFB-106204	GW204-204	10/6/2020	N	463.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-6	SW8260C
KAFB-106204	GW204-204	10/6/2020	N	463.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-16376-6	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	E300.0
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	E300.0
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	E300.0
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	E353.2
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SM2320B
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SM2320B
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SM2320B
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW6010C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW6010C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW6010C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW6010C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW6010C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW6010C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW6020A
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW6020A
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8011
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106201	GW201-204	10/7/2020	N	490.35 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-9	SW8260C
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	E300.0
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	E300.0
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	E300.0
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	E353.2
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SM2320B
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SM2320B
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SM2320B
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SW6010C
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SW6010C
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SW6010C
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SW6010C
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SW6010C
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SW6010C
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SW6020A
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SW6020A
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SW8011
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SW8260C
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SW8260C
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SW8260C
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SW8260C
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106202	GW202-204	10/7/2020	N	520.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-10	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106203	GW203-204	10/7/2020	N	623.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-11	SW8260C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	E300.0
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	E300.0
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	E300.0
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	E353.2
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SM2320B
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SM2320B
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SM2320B
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW6010C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW6010C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW6010C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW6010C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW6010C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW6010C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW6020A
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW6020A
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW8011

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW8260C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW8260C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW8260C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW8260C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW8260C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW8260C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW8260C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW8260C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW8260C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW8260C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW8260C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW8260C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW8260C
KAFB-106040	GW040-204	10/7/2020	N	535 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-2	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	E300.0
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	E300.0
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	E300.0
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	E353.2
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SM2320B
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SM2320B
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SM2320B
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW6010C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW6010C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW6010C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW6010C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW6010C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW6010C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW6020A
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW6020A
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW6020A
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8011
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106219	GW219-204	10/7/2020	N	466 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-5	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	E300.0
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	E300.0
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	E300.0
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	E353.2
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SM2320B
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SM2320B
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SM2320B
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW6010C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW6010C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW6010C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW6010C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW6010C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW6020A
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW6020A
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8011
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106220	GW220-204	10/7/2020	N	493.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-6	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	E300.0
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	E300.0
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	E300.0
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	E353.2
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SM2320B
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SM2320B
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SM2320B
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW6010C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW6010C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW6010C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW6010C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW6010C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW6020A
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW6020A
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8011
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106221	GW221-204	10/7/2020	N	561.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SM2320B
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-204	10/7/2020	N	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-18	SW8260C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	E300.0
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	E300.0
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	E300.0
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	E353.2
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	E353.2
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SM2320B
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SM2320B
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SM2320B
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW6010C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW6010C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW6010C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW6010C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW6010C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW6010C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW6020A
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW6020A
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW8011
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW8260C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW8260C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW8260C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW8260C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW8260C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW8260C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW8260C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW8260C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW8260C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW8260C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW8260C
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106096	GW096-604	10/7/2020	FD	578.3 ft	4814	South of Ridgecrest	WG	4Q2020	410-16534-19	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	E300.0
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	E300.0
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	E353.2
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SM2320B
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SM2320B
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SM2320B
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106218	GW218-204	10/7/2020	N	552.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-22	SW8260C
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	E300.0
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	E300.0
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	E300.0
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	E353.2
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SM2320B
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SM2320B
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SM2320B
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW6010C
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW6010C
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW6010C
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW6010C
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW6010C
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW6020A
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW6020A
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW8011
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW8260C
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW8260C
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW8260C
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW8260C
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW8260C
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW8260C
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW8260C
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW8260C
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW8260C
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106217	GW217-204	10/7/2020	N	485.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-21	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106216	GW216-204	10/7/2020	N	461.4 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-13	SW8260C
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	E300.0
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	E300.0
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	E300.0
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	E353.2
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SM2320B
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SM2320B
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SM2320B
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SW6010C
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SW6010C
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SW6010C
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SW6010C
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SW6010C
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SW6010C
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SW6020A
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SW6020A
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SW8011
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SW8260C
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SW8260C
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SW8260C
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SW8260C
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106095	GW095-204	10/7/2020	N	505.85 ft	4838	South of Ridgecrest	WG	4Q2020	410-16534-15	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106225	GW225-204	10/7/2020	N	453.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106225	GW225-604	10/7/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106225	GW225-604	10/7/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-2	SW8260C
KAFB-106225	GW225-604	10/7/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-2	SW8260C
KAFB-106225	GW225-604	10/7/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-2	SW8260C
KAFB-106225	GW225-604	10/7/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-2	SW8260C
KAFB-106225	GW225-604	10/7/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-2	SW8260C
KAFB-106225	GW225-604	10/7/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-2	SW8260C
KAFB-106225	GW225-604	10/7/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-2	SW8260C
KAFB-106225	GW225-604	10/7/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-2	SW8260C
KAFB-106225	GW225-604	10/7/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-2	SW8260C
KAFB-106225	GW225-604	10/7/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-2	SW8260C
KAFB-106225	GW225-604	10/7/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-2	SW8260C
KAFB-106225	GW225-604	10/7/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-2	SW8260C
KAFB-106225	GW225-604	10/7/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-2	SW8260C
KAFB-106225	GW225-604	10/7/2020	FD	453.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16534-2	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	E300.0
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	E300.0
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	E300.0
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	E353.2
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SM2320B
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SM2320B
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SM2320B
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW6010C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW6010C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW6010C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW6010C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW6010C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW6020A
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW6020A
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8011
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106226	GW226-204	10/7/2020	N	480.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16534-23	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW6010C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW6010C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW6020A
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW6020A
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8011
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106227	GW227-204	10/7/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16534-3	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	E300.0
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	E300.0
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	E300.0
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	E353.2
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SM2320B
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SM2320B
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SM2320B
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW6010C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW6010C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW6010C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW6010C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW6010C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW6020A
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW6020A
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8011
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106032	GW032-204	10/8/2020	N	456.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-5	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	E300.0
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	E300.0
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	E300.0
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	E353.2
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SM2320B
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SM2320B

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SM2320B
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106033	GW033-204	10/8/2020	N	477.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-14	SW8260C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	E300.0
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	E300.0
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	E300.0
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	E353.2
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	E353.2
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SM2320B
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SM2320B
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SM2320B
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW6010C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW6010C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW6010C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW6010C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW6010C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW6010C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW6020A
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW6020A
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8011
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8260C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8260C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8260C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8260C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8260C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8260C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8260C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8260C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8260C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8260C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8260C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8260C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8260C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8260C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8260C
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106034	GW034-204	10/8/2020	N	502.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-13	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	E300.0
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	E300.0
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	E353.2
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SM2320B
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SM2320B
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SM2320B
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106019	GW019-204	10/8/2020	N	498 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-16798-1	SW8260C
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	E300.0
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	E300.0
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	E300.0
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	E353.2
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SM2320B
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SM2320B
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SM2320B
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW6010C
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW6010C
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW6010C
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW6010C
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW6010C
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW6020A
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW6020A
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW8011
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW8260C
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW8260C
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW8260C
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW8260C
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW8260C
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW8260C
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW8260C
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW8260C
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW8260C
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106041	GW041-204	10/8/2020	N	452.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-12	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106042	GW042-204	10/8/2020	N	469.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-11	SW8260C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	E300.0
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	E300.0
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	E300.0
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	E353.2
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SM2320B
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SM2320B
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SM2320B
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW6010C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW6010C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW6010C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW6010C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW6010C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW6010C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW6020A
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW6020A
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW8011
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW8260C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW8260C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW8260C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW8260C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW8260C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW8260C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW8260C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW8260C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW8260C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW8260C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW8260C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW8260C
KAFB-106106	GW106-204	10/8/2020	N	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-15	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	E300.0
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	E300.0
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	E300.0
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	E353.2
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SM2320B
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SM2320B
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SM2320B
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW6010C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW6010C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW6010C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW6010C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW6010C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW6010C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW6020A
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW6020A
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8011
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106106	GW106-604	10/8/2020	FD	454.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-16	SW8260C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	E300.0
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	E300.0
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	E300.0
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	E353.2
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SM2320B
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SM2320B
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SM2320B
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW6010C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW6010C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW6010C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW6010C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW6010C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW6010C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW6020A
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW6020A
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW8011

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW8260C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW8260C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW8260C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW8260C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW8260C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW8260C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW8260C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW8260C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW8260C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW8260C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW8260C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW8260C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW8260C
KAFB-106058	GW058-204	10/8/2020	N	512.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-9	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	E300.0
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	E300.0
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	E300.0
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	E353.2
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SM2320B
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SM2320B
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SM2320B
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW6010C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW6010C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW6010C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW6010C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW6010C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW6010C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW6020A
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW6020A
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8011
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106045	GW045-204	10/8/2020	N	533.72 ft	4814	South of Ridgecrest	WG	4Q2020	410-16798-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW6010C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW6010C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW6020A
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW6020A
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8011
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C
KAFB-106055	GW055-204	10/8/2020	N	466.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-16798-7	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	E300.0
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	E300.0
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	E300.0
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	E353.2
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SM2320B
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SM2320B
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SM2320B
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW6010C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW6010C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW6010C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW6010C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW6010C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW6010C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW6020A
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW6020A
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8011
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106057	GW057-204	10/8/2020	N	485.6 ft	4838	North of Ridgecrest	WG	4Q2020	410-16798-8	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SM2320B
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106093	GW093-204	10/8/2020	N	544.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16798-17	SW8260C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	E300.0
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	E300.0
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	E300.0
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	E353.2
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	E353.2
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SM2320B
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SM2320B
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SM2320B
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW6010C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW6010C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW6010C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW6010C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW6010C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW6010C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW6020A
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW6020A
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW8011
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW8260C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW8260C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW8260C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW8260C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW8260C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW8260C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW8260C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW8260C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW8260C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW8260C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW8260C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW8260C
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106092	GW092-204	10/8/2020	N	474.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	E300.0
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	E300.0
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	E353.2
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SM2320B
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SM2320B
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SM2320B
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-204	10/9/2020	N	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-9	SW8260C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	E300.0
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	E300.0
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	E300.0
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	E353.2
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SM2320B
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SM2320B
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SM2320B
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW6010C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW6010C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW6010C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW6010C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW6010C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW6020A
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW6020A
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW8011
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW8260C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW8260C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW8260C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW8260C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW8260C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW8260C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW8260C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW8260C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW8260C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW8260C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW8260C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW8260C
KAFB-106037	GW037-604	10/9/2020	FD	507.75 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-10	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	E300.0
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	E300.0
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	E300.0
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	E353.2
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SM2320B
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SM2320B
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SM2320B
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW6010C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW6010C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW6010C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW6010C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW6010C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW6010C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW6020A
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW6020A
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8011
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106035	GW035-204	10/9/2020	N	452.83 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-15	SW8260C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	E300.0
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	E300.0
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	E300.0
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	E353.2
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SM2320B
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SM2320B
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SM2320B
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW6010C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW6010C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW6010C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW6010C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW6010C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW6010C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW6020A
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW6020A
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW8011
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW8260C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW8260C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW8260C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW8260C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW8260C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW8260C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW8260C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW8260C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW8260C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW8260C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW8260C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW8260C
KAFB-106091	GW091-204	10/9/2020	N	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-1	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	E300.0
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	E300.0
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	E300.0
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	E353.2
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SM2320B
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SM2320B
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SM2320B
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW6010C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW6010C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW6010C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW6010C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW6010C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW6010C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW6020A
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW6020A
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8011
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106091	GW091-604	10/9/2020	FD	454.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-2	SW8260C
KAFB-106229	GW229-204	10/9/2020	N	442.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-16827-12	SW8011
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	E300.0
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	E300.0
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	E300.0
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	E353.2
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SM2320B
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SM2320B
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SM2320B
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW6010C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW6010C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW6010C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW6010C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW6010C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW6010C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW6020A
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW6020A

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW8011
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW8260C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW8260C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW8260C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW8260C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW8260C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW8260C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW8260C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW8260C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW8260C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW8260C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW8260C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW8260C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW8260C
KAFB-106022	GW022-204	10/9/2020	N	462.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-16827-5	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	E300.0
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	E300.0
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	E300.0
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	E353.2
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SM2320B
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SM2320B
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SM2320B
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW6010C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW6010C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW6010C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW6010C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW6010C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW6020A
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW6020A
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8011
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106077	GW077-204	10/9/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-16827-11	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW6010C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW6010C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW6010C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW6020A
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW6020A
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8011
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106212	GW212-204	10/9/2020	N	543.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-16	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	E300.0
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	E300.0
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	E300.0
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	E353.2
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SM2320B
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SM2320B
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SM2320B
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW6010C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SM2320B
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW6010C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW6010C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW6010C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW6010C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW6020A
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW6020A
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8011
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106053	GW053-204	10/9/2020	N	479.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-16827-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SM2320B
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SM2320B
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106054	GW054-204	10/9/2020	N	504.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-16827-7	SW8260C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	E300.0
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	E300.0
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	E300.0
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	E353.2
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SM2320B
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SM2320B
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SM2320B
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW6010C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW6010C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW6010C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW6010C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW6010C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW6010C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW6020A
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW6020A
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW8011
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW8260C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW8260C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW8260C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW8260C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW8260C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW8260C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW8260C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW8260C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW8260C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW8260C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW8260C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW8260C
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106026	GW026-204	10/12/2020	N	466.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-13	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	E300.0
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	E300.0
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	E300.0
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	E353.2
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SM2320B
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SM2320B
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SM2320B
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106074	GW074-204	10/12/2020	N	572 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-9	SW8260C
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	E300.0
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	E300.0
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	E300.0
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	E353.2
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SM2320B
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SM2320B
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SM2320B
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW6010C
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW6010C
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW6010C
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW6010C
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW6010C
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW6010C
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW6020A
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW6020A
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW8011
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW8260C
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW8260C
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW8260C
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW8260C
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW8260C
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW8260C
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW8260C
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106230	GW230-204	10/12/2020	N	501.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106036	GW036-204	10/12/2020	N	482.58 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-15	SW8260C
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	E300.0
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	E300.0
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	E300.0
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	E353.2
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SM2320B
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SM2320B
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SM2320B
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SW6010C
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SW6010C
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SW6010C
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SW6010C
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SW6010C
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SW6010C
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SW6020A
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SW6020A
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SW8011
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SW8260C
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SW8260C
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SW8260C
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106043	GW043-204	10/12/2020	N	543.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-14	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106049	GW049-204	10/12/2020	N	457.5 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106073	GW073-204	10/12/2020	N	501 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-10	SW8011
KAFB-106073	GW073-204	10/12/2020	N	501 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-10	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106073	GW073-204	10/12/2020	N	501 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-10	SW8260C
KAFB-106073	GW073-204	10/12/2020	N	501 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-10	SW8260C
KAFB-106073	GW073-204	10/12/2020	N	501 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-10	SW8260C
KAFB-106073	GW073-204	10/12/2020	N	501 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-10	SW8260C
KAFB-106073	GW073-204	10/12/2020	N	501 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-10	SW8260C
KAFB-106073	GW073-204	10/12/2020	N	501 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-10	SW8260C
KAFB-106073	GW073-204	10/12/2020	N	501 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-10	SW8260C
KAFB-106073	GW073-204	10/12/2020	N	501 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-10	SW8260C
KAFB-106073	GW073-204	10/12/2020	N	501 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-10	SW8260C
KAFB-106073	GW073-204	10/12/2020	N	501 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-10	SW8260C
KAFB-106073	GW073-204	10/12/2020	N	501 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-10	SW8260C
KAFB-106073	GW073-204	10/12/2020	N	501 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-10	SW8260C
KAFB-106073	GW073-204	10/12/2020	N	501 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-10	SW8260C
KAFB-106073	GW073-204	10/12/2020	N	501 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-10	SW8260C
KAFB-106073	GW073-204	10/12/2020	N	501 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-10	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	E300.0
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	E300.0
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	E300.0
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	E353.2
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SM2320B
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SM2320B
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SM2320B
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW6010C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW6010C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW6010C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW6010C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW6010C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW6020A
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW6020A
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8011
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106050	GW050-204	10/12/2020	N	475.1 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW6010C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW6010C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW6010C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW6020A
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW6020A
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8011
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106052	GW052-204	10/12/2020	N	450.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-3	SW8260C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	E300.0
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	E300.0
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	E300.0
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	E353.2
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SM2320B
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SM2320B
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SM2320B
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW6010C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW6010C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW6010C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW6010C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW6010C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW6010C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW6020A
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW6020A
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW8011
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW8260C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW8260C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW8260C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW8260C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW8260C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW8260C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW8260C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW8260C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW8260C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW8260C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW8260C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW8260C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW8260C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW8260C
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106105	GW105-204	10/12/2020	N	484.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17030-10	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SM2320B
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SM2320B
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106107	GW107-204	10/12/2020	N	510.9 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-11	SW8260C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	E300.0
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	E300.0
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	E300.0
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	E300.0
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	E353.2
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SM2320B
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SM2320B
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SM2320B
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW6010C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW6010C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW6010C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW6010C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW6010C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW6010C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW6020A
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW6020A
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW8011
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW8260C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW8260C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW8260C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW8260C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW8260C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW8260C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW8260C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW8260C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW8260C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW8260C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW8260C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW8260C
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106206	GW206-204	10/12/2020	N	594.2 ft	4814	North of Ridgecrest	WG	4Q2020	410-17030-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	E300.0
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	E300.0
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	E300.0
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	E353.2
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SM2320B
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SM2320B
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SM2320B
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106009	GW009-204	10/12/2020	N	484.39 ft	4857	South of Ridgecrest	WG	4Q2020	410-17030-9	SW8260C
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	E300.0
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	E300.0
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	E300.0
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	E353.2
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SM2320B
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SM2320B
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SM2320B
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW6010C
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW6010C
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW6010C
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW6010C
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW6010C
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW6010C
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW6020A
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW6020A
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW8011
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW8260C
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW8260C
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW8260C
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW8260C
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW8260C
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW8260C
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW8260C
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106241-428	GW241-428-204	10/12/2020	N	452.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17030-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106003	GW003-204	10/13/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-11	SW8260C
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	E300.0
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	E300.0
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	E300.0
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	E353.2
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SM2320B
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SM2320B
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SM2320B
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SW6010C
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SW6010C
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SW6010C
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SW6010C
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SW6010C
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SW6010C
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SW6020A
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SW6020A
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SW8011
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SW8260C
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SW8260C
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SW8260C
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106085	GW085-204	10/13/2020	N	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106085	GW085-604	10/13/2020	FD	447.2 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106086	GW086-204	10/13/2020	N	476.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-3	SW8011
KAFB-106086	GW086-204	10/13/2020	N	476.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106086	GW086-204	10/13/2020	N	476.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-3	SW8260C
KAFB-106086	GW086-204	10/13/2020	N	476.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-3	SW8260C
KAFB-106086	GW086-204	10/13/2020	N	476.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-3	SW8260C
KAFB-106086	GW086-204	10/13/2020	N	476.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-3	SW8260C
KAFB-106086	GW086-204	10/13/2020	N	476.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-3	SW8260C
KAFB-106086	GW086-204	10/13/2020	N	476.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-3	SW8260C
KAFB-106086	GW086-204	10/13/2020	N	476.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-3	SW8260C
KAFB-106086	GW086-204	10/13/2020	N	476.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-3	SW8260C
KAFB-106086	GW086-204	10/13/2020	N	476.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-3	SW8260C
KAFB-106086	GW086-204	10/13/2020	N	476.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-3	SW8260C
KAFB-106086	GW086-204	10/13/2020	N	476.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-3	SW8260C
KAFB-106086	GW086-204	10/13/2020	N	476.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-3	SW8260C
KAFB-106086	GW086-204	10/13/2020	N	476.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-3	SW8260C
KAFB-106086	GW086-204	10/13/2020	N	476.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-3	SW8260C
KAFB-106086	GW086-204	10/13/2020	N	476.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-3	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	E300.0
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	E300.0
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	E300.0
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	E353.2
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SM2320B
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SM2320B
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SM2320B
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW6010C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW6010C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW6010C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW6010C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW6010C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW6020A
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW6020A
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8011
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106087	GW087-204	10/13/2020	N	546.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW6010C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW6010C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW6010C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW6020A
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW6020A
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8011
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106013	GW013-204	10/13/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17173-13	SW8260C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	E300.0
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	E300.0
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	E300.0
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	E353.2
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SM2320B
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SM2320B
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SM2320B
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW6010C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SM2320B
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW6010C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW6010C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW6010C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW6010C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW6010C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW6020A
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW6020A
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8011
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106071	GW071-204	10/13/2020	N	548.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-23	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SM2320B
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SM2320B
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-204	10/13/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-21	SW8260C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	E300.0
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	E300.0
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	E300.0
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	E353.2
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SM2320B
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SM2320B
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SM2320B
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW6010C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW6010C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW6010C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW6010C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW6010C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW6010C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW6020A
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW6020A
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW8011
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW8260C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW8260C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW8260C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW8260C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW8260C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW8260C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW8260C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW8260C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW8260C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW8260C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW8260C
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106070	GW070-604	10/13/2020	FD	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-22	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	E300.0
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	E300.0
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	E300.0
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	E353.2
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SM2320B
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SM2320B
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SM2320B
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106243-425	GW243-425-204	10/13/2020	N	449.14 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-18	SW8260C
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	E300.0
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	E300.0
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	E300.0
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	E353.2
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SM2320B
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SM2320B
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SM2320B
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW6010C
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW6010C
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW6010C
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW6010C
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW6010C
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW6010C
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW6020A
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW6020A
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW8011
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW8260C
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW8260C
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW8260C
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW8260C
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW8260C
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW8260C
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW8260C
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106090	GW090-204	10/13/2020	N	555.78 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106098	GW098-204	10/13/2020	N	533 ft	4814	South of Ridgecrest	WG	4Q2020	410-17173-14	SW8260C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	E300.0
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	E300.0
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	E300.0
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	E353.2
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SM2320B
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SM2320B
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SM2320B
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW6010C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW6010C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW6010C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW6010C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW6010C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW6010C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW6020A
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW6020A
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW8011
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW8260C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW8260C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW8260C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW8260C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW8260C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW8260C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW8260C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW8260C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW8260C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW8260C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW8260C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW8260C
KAFB-106089	GW089-204	10/13/2020	N	482.26 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-6	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	E300.0
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	E300.0
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	E300.0
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	E353.2
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SM2320B
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SM2320B
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SM2320B
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW6010C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW6010C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW6010C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW6010C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW6010C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW6010C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW6020A
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW6020A
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8011
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106023	GW023-204	10/13/2020	N	473.74 ft	4857	North of Ridgecrest	WG	4Q2020	410-17173-17	SW8260C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	E300.0
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	E300.0
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	E300.0
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	E353.2
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SM2320B
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SM2320B
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SM2320B
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW6010C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW6010C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW6010C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW6010C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW6010C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW6010C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW6020A
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW6020A

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW8011
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW8260C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW8260C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW8260C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW8260C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW8260C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW8260C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW8260C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW8260C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW8260C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW8260C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW8260C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW8260C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW8260C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW8260C
KAFB-106103	GW103-204	10/13/2020	N	485.76 ft	4838	North of Ridgecrest	WG	4Q2020	410-17173-18	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	E300.0
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	E300.0
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	E300.0
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	E353.2
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SM2320B
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SM2320B
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SM2320B
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW6010C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW6010C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW6010C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW6010C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW6010C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW6010C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW6010C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW6020A
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW6020A
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8011
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106104	GW104-204	10/13/2020	N	510.75 ft	4814	North of Ridgecrest	WG	4Q2020	410-17173-19	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW6010C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW6010C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW6010C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW6020A
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW6020A
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8011
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106097	GW097-204	10/13/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17173-15	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	E300.0
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	E300.0
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	E300.0
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	E353.2
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SM2320B
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SM2320B
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SM2320B
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW6010C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW6010C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW6010C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW6010C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW6010C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW6010C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW6020A
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW6020A
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8011
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106015	GW015-204	10/13/2020	N	488.22 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17330-19	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	E300.0
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	E300.0
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	E300.0
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	E353.2
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SM2320B

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SM2320B
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SM2320B
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106244-445	GW244-445-204	10/14/2020	N	469.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-15	SW8260C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	E300.0
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	E300.0
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	E300.0
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	E300.0
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	E353.2
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SM2320B
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SM2320B
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SM2320B
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW6010C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW6010C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW6010C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW6010C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW6010C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW6010C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW6020A
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW6020A
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW8011
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW8260C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW8260C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW8260C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW8260C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW8260C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW8260C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW8260C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW8260C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW8260C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW8260C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW8260C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW8260C
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106099	GW099-204	10/14/2020	N	503 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-11	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	E300.0
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	E300.0
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	E300.0
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	E353.2
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SM2320B
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SM2320B
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SM2320B
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106064	GW064-204	10/14/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-13	SW8260C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	E300.0
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	E300.0
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	E300.0
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	E353.2
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SM2320B
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SM2320B
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SM2320B
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW6010C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW6010C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW6010C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW6010C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW6010C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW6010C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW6020A
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW6020A
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW8011
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW8260C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW8260C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW8260C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW8260C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW8260C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW8260C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW8260C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW8260C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW8260C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW8260C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW8260C
KAFB-106063	GW063-204	10/14/2020	N	510.13 ft	4838	South of Ridgecrest	WG	4Q2020	410-17330-17	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	E300.0
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	E300.0
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	E300.0
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	E353.2
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SM2320B
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SM2320B
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SM2320B
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW6010C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW6010C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW6010C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW6010C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW6010C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW6020A
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW6020A
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8011
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106004	GW004-204	10/14/2020	N	488.74 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-9	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106245-460	GW245-460-204	10/14/2020	N	487.77 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106245-460	GW245-460-204	10/14/2020	N	487.77 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-3	SW8260C
KAFB-106245-460	GW245-460-204	10/14/2020	N	487.77 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-3	SW8260C
KAFB-106245-460	GW245-460-204	10/14/2020	N	487.77 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-3	SW8260C
KAFB-106245-460	GW245-460-204	10/14/2020	N	487.77 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-3	SW8260C
KAFB-106245-460	GW245-460-204	10/14/2020	N	487.77 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-3	SW8260C
KAFB-106245-460	GW245-460-204	10/14/2020	N	487.77 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-3	SW8260C
KAFB-106245-460	GW245-460-204	10/14/2020	N	487.77 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-3	SW8260C
KAFB-106245-460	GW245-460-204	10/14/2020	N	487.77 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-3	SW8260C
KAFB-106245-460	GW245-460-204	10/14/2020	N	487.77 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-3	SW8260C
KAFB-106245-460	GW245-460-204	10/14/2020	N	487.77 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-3	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	E300.0
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	E300.0
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	E300.0
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	E353.2
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SM2320B
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SM2320B
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SM2320B
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW6010C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW6010C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW6010C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW6010C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW6010C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW6010C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW6020A
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW6020A
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8011
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106247-450	GW247-450-204	10/14/2020	N	477.42 ft	4857	South of Ridgecrest	WG	4Q2020	410-17330-14	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106100	GW100-204	10/14/2020	N	528 ft	4814	South of Ridgecrest	WG	4Q2020	410-17330-10	SW8011
KAFB-106100	GW100-204	10/14/2020	N	528 ft	4814	South of Ridgecrest	WG	4Q2020	410-17330-10	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106100	GW100-204	10/14/2020	N	528 ft	4814	South of Ridgecrest	WG	4Q2020	410-17330-10	SW8260C
KAFB-106100	GW100-204	10/14/2020	N	528 ft	4814	South of Ridgecrest	WG	4Q2020	410-17330-10	SW8260C
KAFB-106100	GW100-204	10/14/2020	N	528 ft	4814	South of Ridgecrest	WG	4Q2020	410-17330-10	SW8260C
KAFB-106100	GW100-204	10/14/2020	N	528 ft	4814	South of Ridgecrest	WG	4Q2020	410-17330-10	SW8260C
KAFB-106100	GW100-204	10/14/2020	N	528 ft	4814	South of Ridgecrest	WG	4Q2020	410-17330-10	SW8260C
KAFB-106100	GW100-204	10/14/2020	N	528 ft	4814	South of Ridgecrest	WG	4Q2020	410-17330-10	SW8260C
KAFB-106100	GW100-204	10/14/2020	N	528 ft	4814	South of Ridgecrest	WG	4Q2020	410-17330-10	SW8260C
KAFB-106100	GW100-204	10/14/2020	N	528 ft	4814	South of Ridgecrest	WG	4Q2020	410-17330-10	SW8260C
KAFB-106100	GW100-204	10/14/2020	N	528 ft	4814	South of Ridgecrest	WG	4Q2020	410-17330-10	SW8260C
KAFB-106100	GW100-204	10/14/2020	N	528 ft	4814	South of Ridgecrest	WG	4Q2020	410-17330-10	SW8260C
KAFB-106100	GW100-204	10/14/2020	N	528 ft	4814	South of Ridgecrest	WG	4Q2020	410-17330-10	SW8260C
KAFB-106100	GW100-204	10/14/2020	N	528 ft	4814	South of Ridgecrest	WG	4Q2020	410-17330-10	SW8260C
KAFB-106100	GW100-204	10/14/2020	N	528 ft	4814	South of Ridgecrest	WG	4Q2020	410-17330-10	SW8260C
KAFB-106100	GW100-204	10/14/2020	N	528 ft	4814	South of Ridgecrest	WG	4Q2020	410-17330-10	SW8260C
KAFB-106100	GW100-204	10/14/2020	N	528 ft	4814	South of Ridgecrest	WG	4Q2020	410-17330-10	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	E300.0
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	E300.0
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	E300.0
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	E353.2
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SM2320B
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SM2320B
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SM2320B
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW6010C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW6010C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW6010C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW6010C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW6010C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW6010C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW6020A
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW6020A
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8011
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106215	GW215-204	10/14/2020	N	547.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-7	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	E300.0
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	E300.0
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	E300.0
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	E353.2
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SM2320B
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SM2320B
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SM2320B
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW6010C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW6010C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW6010C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW6010C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW6010C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW6020A
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW6020A
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8011
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106214	GW214-204	10/14/2020	N	478.95 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-6	SW8260C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	E300.0
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	E300.0
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	E300.0
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	E353.2
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SM2320B
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SM2320B
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SM2320B
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW6010C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW6010C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW6010C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW6010C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW6010C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW6010C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW6020A
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW6020A
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8011
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8260C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8260C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8260C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8260C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8260C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8260C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8260C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8260C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8260C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8260C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8260C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8260C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8260C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8260C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8260C
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106213	GW213-204	10/14/2020	N	451.3 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SM2320B
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SM2320B
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106224	GW224-204	10/14/2020	N	555.7 ft	4814	North of Ridgecrest	WG	4Q2020	410-17330-3	SW8260C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	E300.0
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	E300.0
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	E300.0
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	E300.0
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	E353.2
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SM2320B
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SM2320B
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SM2320B
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW6010C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW6010C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW6010C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW6010C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW6010C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW6010C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW6020A
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW6020A
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW8011
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW8260C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW8260C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW8260C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW8260C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW8260C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW8260C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW8260C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW8260C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW8260C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW8260C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW8260C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW8260C
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106223	GW223-204	10/14/2020	N	488.5 ft	4838	North of Ridgecrest	WG	4Q2020	410-17330-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	E300.0
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	E300.0
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	E300.0
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	E353.2
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SM2320B
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SM2320B
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SM2320B
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106101	GW101-204	10/14/2020	N	505 ft	4838	South of Ridgecrest	WG	4Q2020	410-17392-2	SW8260C
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	E300.0
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	E300.0
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	E300.0
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	E353.2
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SM2320B
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SM2320B
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SM2320B
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW6010C
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW6010C
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW6010C
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW6010C
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW6010C
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW6010C
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW6020A
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW6020A
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW8011
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW8260C
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW8260C
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW8260C
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW8260C
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW8260C
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW8260C
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW8260C
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106222	GW222-204	10/14/2020	N	461.1 ft	4857	North of Ridgecrest	WG	4Q2020	410-17330-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106240-449	GW240-449-204	10/15/2020	N	473.14 ft	4857	South of Ridgecrest	WG	4Q2020	410-17392-7	SW8260C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	E300.0
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	E300.0
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	E300.0
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	E353.2
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SM2320B
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SM2320B
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SM2320B
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW6010C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW6010C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW6010C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW6010C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW6010C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW6010C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW6020A
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW6020A
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW8011
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW8260C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW8260C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW8260C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW8260C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW8260C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW8260C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW8260C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW8260C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW8260C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW8260C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW8260C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW8260C
KAFB-106102	GW102-204	10/15/2020	N	526 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-11	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	E300.0
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	E300.0
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	E300.0
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	E353.2
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SM2320B
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SM2320B
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SM2320B
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW6010C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW6010C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW6010C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW6010C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW6010C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW6010C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW6020A
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW6020A
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8011
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106051	GW051-204	10/15/2020	N	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-9	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106051	GW051-604	10/15/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-10	SW8011
KAFB-106051	GW051-604	10/15/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-10	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106051	GW051-604	10/15/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-10	SW8260C
KAFB-106051	GW051-604	10/15/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-10	SW8260C
KAFB-106051	GW051-604	10/15/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-10	SW8260C
KAFB-106051	GW051-604	10/15/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-10	SW8260C
KAFB-106051	GW051-604	10/15/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-10	SW8260C
KAFB-106051	GW051-604	10/15/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-10	SW8260C
KAFB-106051	GW051-604	10/15/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-10	SW8260C
KAFB-106051	GW051-604	10/15/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-10	SW8260C
KAFB-106051	GW051-604	10/15/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-10	SW8260C
KAFB-106051	GW051-604	10/15/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-10	SW8260C
KAFB-106051	GW051-604	10/15/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-10	SW8260C
KAFB-106051	GW051-604	10/15/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-10	SW8260C
KAFB-106051	GW051-604	10/15/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-10	SW8260C
KAFB-106051	GW051-604	10/15/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-10	SW8260C
KAFB-106051	GW051-604	10/15/2020	FD	501.5 ft	4814	North of Ridgecrest	WG	4Q2020	410-17392-10	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	E300.0
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	E300.0
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	E300.0
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	E353.2
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SM2320B
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SM2320B
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SM2320B
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW6010C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW6010C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW6010C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW6010C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW6010C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW6020A
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW6020A
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8011
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106025	GW025-204	10/15/2020	N	465.7 ft	4857 & 4838	North of Ridgecrest	WG	4Q2020	410-17392-5	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	E300.0
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	E300.0
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	E300.0
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	E353.2
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SM2320B
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SM2320B
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SM2320B
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW6010C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW6010C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW6010C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW6010C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW6010C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW6020A
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW6020A
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8011
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106088	GW088-204	10/15/2020	N	460.7 ft	4857	North of Ridgecrest	WG	4Q2020	410-17392-6	SW8260C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	E300.0
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	E300.0
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	E300.0
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	E353.2
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SM2320B
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SM2320B
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SM2320B
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW6010C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW6010C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW6010C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW6010C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW6010C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW6010C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW6020A
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW6020A
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW8011
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW8260C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW8260C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW8260C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW8260C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW8260C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW8260C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW8260C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW8260C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW8260C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW8260C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW8260C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW8260C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW8260C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW8260C
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106048	GW048-204	10/15/2020	N	538 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-13	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SM2320B
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SM2320B
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106072	GW072-204	10/15/2020	N	475.7 ft	4838	North of Ridgecrest	WG	4Q2020	410-17392-1	SW8260C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	E300.0
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	E300.0
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	E300.0
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	E353.2
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SM2320B
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SM2320B
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SM2320B
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW6010C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW6010C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW6010C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW6010C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW6010C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW6010C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW6020A
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW6020A
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW8011
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW8260C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW8260C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW8260C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW8260C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW8260C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW8260C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW8260C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW8260C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW8260C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW8260C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW8260C
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106081	GW081-204	10/15/2020	N	580 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-15	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	E300.0
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	E300.0
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	E300.0
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	E353.2
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SM2320B
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SM2320B
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SM2320B
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106061	GW061-204	10/15/2020	N	501.5 ft	4814	South of Ridgecrest	WG	4Q2020	410-17392-14	SW8260C
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	E300.0
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	E300.0
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	E300.0
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	E353.2
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SM2320B
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SM2320B
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SM2320B
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW6010C
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW6010C
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW6010C
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW6010C
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW6010C
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW6010C
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW6020A
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW6020A
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW8011
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW8260C
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW8260C
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW8260C
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW8260C
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW8260C
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW8260C
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW8260C
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106069	GW069-204	10/16/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-17565-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106068	GW068-204	10/16/2020	N	582 ft	4814	South of Ridgecrest	WG	4Q2020	410-17565-1	SW8260C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	E300.0
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	E300.0
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	E300.0
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	E353.2
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SM2320B
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SM2320B
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SM2320B
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW6010C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW6010C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW6010C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW6010C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW6010C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW6010C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW6020A
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW6020A
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW8011
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW8260C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW8260C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW8260C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW8260C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW8260C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW8260C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW8260C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW8260C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW8260C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW8260C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW8260C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW8260C
KAFB-106066	GW066-204	10/16/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17563-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	E300.0
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	E300.0
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	E300.0
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	E353.2
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SM2320B
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SM2320B
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SM2320B
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW6010C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW6010C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW6010C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW6010C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW6010C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW6010C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW6020A
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW6020A
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8011
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-204	10/19/2020	N		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-1	SW8260C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	E300.0
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	E300.0
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	E300.0
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	E353.2
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SM2320B
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SM2320B
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SM2320B
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW6010C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW6010C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW6010C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW6010C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW6010C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW6010C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW6020A
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW6020A

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW8011
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW8260C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW8260C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW8260C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW8260C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW8260C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW8260C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW8260C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW8260C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW8260C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW8260C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW8260C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW8260C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW8260C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW8260C
KAFB-106017	GW017-604	10/19/2020	FD		4857 & 4838	South of Ridgecrest	WG	4Q2020	410-17749-2	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	E300.0
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	E300.0
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	E300.0
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	E353.2
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SM2320B
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SM2320B
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SM2320B
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW6010C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW6010C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW6010C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW6010C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW6010C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW6020A
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW6020A
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8011
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106067	GW067-204	10/19/2020	N	490 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW6010C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW6010C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW6010C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW6020A
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW6020A
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8011
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C
KAFB-106094	GW094-204	10/19/2020	N		4857	South of Ridgecrest	WG	4Q2020	410-17749-3	SW8260C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	E300.0
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	E300.0
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	E300.0
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	E353.2
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SM2320B
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SM2320B
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SM2320B
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW6010C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW6010C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW6010C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW6010C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW6010C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW6020A
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW6020A
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8011
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106065	GW065-204	10/19/2020	N	513 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SM2320B
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SM2320B
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106047	GW047-204	10/20/2020	N	520 ft	4838	South of Ridgecrest	WG	4Q2020	410-17853-3	SW8260C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	E300.0
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	E300.0
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	E300.0
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	E300.0
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	E353.2
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SM2320B
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SM2320B
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SM2320B
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW6010C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW6010C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW6010C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW6010C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW6010C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW6010C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW6020A
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW6020A
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW8011
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW8260C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW8260C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW8260C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW8260C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW8260C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW8260C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW8260C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW8260C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW8260C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW8260C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW8260C
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106046	GW046-204	10/20/2020	N	505 ft	4857	South of Ridgecrest	WG	4Q2020	410-17853-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	E300.0
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	E300.0
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	E300.0
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	E353.2
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SM2320B
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SM2320B
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SM2320B
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106062	GW062-204	10/20/2020	N	585 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-4	SW8260C
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	E300.0
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	E300.0
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	E300.0
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	E353.2
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SM2320B
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SM2320B
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SM2320B
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW6010C
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW6010C
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW6010C
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW6010C
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW6010C
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW6010C
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW6020A
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW6020A
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW8011
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW8260C
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW8260C
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW8260C
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW8260C
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW8260C
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW8260C
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW8260C
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW8260C
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW8260C
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW8260C
KAFB-106078	GW078-204	10/20/2020	N	578 ft	4814	South of Ridgecrest	WG	4Q2020	410-17853-8	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	E300.0
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	E300.0
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	E300.0
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	E353.2
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SM2320B
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SM2320B
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SM2320B
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW6010C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW6010C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW6010C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW6010C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW6010C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW6010C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW6020A
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW6020A
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8011
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106002	GW002-204	10/20/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-12	SW8260C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	E300.0
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	E300.0
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	E300.0
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	E353.2
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SM2320B
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SM2320B
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SM2320B
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW6010C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW6010C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW6010C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW6010C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW6010C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW6010C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW6020A
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW6020A
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW8011
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW8260C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW8260C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW8260C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW8260C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW8260C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW8260C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW8260C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW8260C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW8260C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW8260C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW8260C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW8260C
KAFB-106060	GW060-204	10/20/2020	N	508 ft	4838	South of Ridgecrest	WG	4Q2020	410-18029-11	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	E300.0
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	E300.0
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	E300.0
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	E353.2
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SM2320B
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SM2320B
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SM2320B
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW6010C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW6010C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW6010C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW6010C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW6010C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW6010C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW6020A
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW6020A
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8011
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106149-484	GW149-484-204	10/21/2020	N	472 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-13	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106151-484	GW151-484-204	10/21/2020	N	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-8	SW8011
KAFB-106151-484	GW151-484-204	10/21/2020	N	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-8	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106151-484	GW151-484-204	10/21/2020	N	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-8	SW8260C
KAFB-106151-484	GW151-484-204	10/21/2020	N	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-8	SW8260C
KAFB-106151-484	GW151-484-204	10/21/2020	N	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-8	SW8260C
KAFB-106151-484	GW151-484-204	10/21/2020	N	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-8	SW8260C
KAFB-106151-484	GW151-484-204	10/21/2020	N	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-8	SW8260C
KAFB-106151-484	GW151-484-204	10/21/2020	N	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-8	SW8260C
KAFB-106151-484	GW151-484-204	10/21/2020	N	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-8	SW8260C
KAFB-106151-484	GW151-484-204	10/21/2020	N	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-8	SW8260C
KAFB-106151-484	GW151-484-204	10/21/2020	N	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-8	SW8260C
KAFB-106151-484	GW151-484-204	10/21/2020	N	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-8	SW8260C
KAFB-106151-484	GW151-484-204	10/21/2020	N	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-8	SW8260C
KAFB-106151-484	GW151-484-204	10/21/2020	N	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-8	SW8260C
KAFB-106151-484	GW151-484-204	10/21/2020	N	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-8	SW8260C
KAFB-106151-484	GW151-484-204	10/21/2020	N	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-8	SW8260C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	E300.0
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	E300.0
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	E300.0
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	E353.2
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SM2320B
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SM2320B
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SM2320B
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW6010C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW6010C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW6010C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW6010C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW6010C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW6020A
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW6020A
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8011
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106151-484	GW151-484-604	10/21/2020	FD	472.19 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-9	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW6010C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW6010C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW6010C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW6020A
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW6020A
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8011
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106S1-447	GWS1-447-204	10/21/2020	N	471.12 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-3	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	E300.0
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	E300.0
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	E300.0
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	E353.2
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SM2320B
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SM2320B
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SM2320B
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW6010C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW6010C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW6010C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW6010C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW6010C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW6010C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW6020A
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW6020A
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8011
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106153-484	GW153-484-204	10/21/2020	N	474.89 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-1	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	E300.0
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	E300.0
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	E300.0
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	E353.2
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SM2320B

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SM2320B
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SM2320B
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106S8-451	GWS8-451-204	10/21/2020	N	478.32 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-5	SW8260C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	E300.0
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	E300.0
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	E300.0
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	E300.0
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	E353.2
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SM2320B
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SM2320B
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SM2320B
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW6010C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW6010C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW6010C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW6010C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW6010C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW6010C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW6020A
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW6020A
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW8011
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW8260C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW8260C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW8260C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW8260C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW8260C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW8260C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW8260C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW8260C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW8260C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW8260C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW8260C
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106152-484	GW152-484-204	10/21/2020	N	474.88 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	E300.0
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	E300.0
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	E300.0
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	E353.2
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SM2320B
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SM2320B
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SM2320B
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106024	GW024-204	10/21/2020	N	486 ft	4857	South of Ridgecrest	WG	4Q2020	410-18029-2	SW8260C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	E300.0
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	E300.0
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	E300.0
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	E353.2
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SM2320B
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SM2320B
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SM2320B
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW6010C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW6010C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW6010C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW6010C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW6010C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW6010C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW6020A
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW6020A
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW8011
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW8260C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW8260C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW8260C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW8260C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW8260C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW8260C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW8260C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW8260C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW8260C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW8260C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW8260C
KAFB-106S9-447	GWS9-447-204	10/21/2020	N	473.7 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-15	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	E300.0
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	E300.0
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	E300.0
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	E300.0
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	E353.2
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	SM2320B
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	SM2320B
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	SM2320B
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	SW6010C
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	SW6010C
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	SW6010C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	E300.0
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	E300.0
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	E300.0
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	E353.2
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SM2320B
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SM2320B
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SM2320B
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW6010C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW6010C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW6010C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW6010C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW6010C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW6010C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW6020A
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW6020A
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8011
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106008	GW008-204	10/21/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-13	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	SW8260C
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	SW8260C
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	SW8260C
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	SW8260C
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	SW8260C
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	SW8260C
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	SW8260C
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	SW8260C
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	SW8260C
KAFB-106008	GW008-604	10/21/2020	FD	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-14	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	E300.0
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	E300.0
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	E300.0
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	E353.2
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SM2320B
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SM2320B
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SM2320B
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW6010C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW6010C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW6010C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW6010C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW6010C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW6010C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW6020A
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW6020A
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8011
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S4-446	GWS4-446-204	10/22/2020	N	473.04 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S3-449	GWS3-449-204	10/22/2020	N	478.91 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-7	SW8011
KAFB-106S3-449	GWS3-449-204	10/22/2020	N	478.91 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-7	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S3-449	GWS3-449-204	10/22/2020	N	478.91 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-7	SW8260C
KAFB-106S3-449	GWS3-449-204	10/22/2020	N	478.91 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-7	SW8260C
KAFB-106S3-449	GWS3-449-204	10/22/2020	N	478.91 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-7	SW8260C
KAFB-106S3-449	GWS3-449-204	10/22/2020	N	478.91 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-7	SW8260C
KAFB-106S3-449	GWS3-449-204	10/22/2020	N	478.91 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-7	SW8260C
KAFB-106S3-449	GWS3-449-204	10/22/2020	N	478.91 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-7	SW8260C
KAFB-106S3-449	GWS3-449-204	10/22/2020	N	478.91 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-7	SW8260C
KAFB-106S3-449	GWS3-449-204	10/22/2020	N	478.91 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-7	SW8260C
KAFB-106S3-449	GWS3-449-204	10/22/2020	N	478.91 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-7	SW8260C
KAFB-106S3-449	GWS3-449-204	10/22/2020	N	478.91 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-7	SW8260C
KAFB-106S3-449	GWS3-449-204	10/22/2020	N	478.91 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-7	SW8260C
KAFB-106S3-449	GWS3-449-204	10/22/2020	N	478.91 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-7	SW8260C
KAFB-106S3-449	GWS3-449-204	10/22/2020	N	478.91 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-7	SW8260C
KAFB-106S3-449	GWS3-449-204	10/22/2020	N	478.91 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-7	SW8260C
KAFB-106S3-449	GWS3-449-204	10/22/2020	N	478.91 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-7	SW8260C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	E300.0
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	E300.0
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	E300.0
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	E353.2
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SM2320B
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SM2320B
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SM2320B
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW6010C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW6010C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW6010C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW6010C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW6010C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW6010C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW6010C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW6020A
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW6020A
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8011
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8260C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8260C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8260C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8260C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8260C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8260C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8260C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8260C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8260C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8260C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8260C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8260C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8260C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8260C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8260C
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S2-451	GWS2-451-204	10/22/2020	N	478.15 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-8	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW6010C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW6010C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW6010C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW6020A
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW6020A
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8011
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106S7-451	GWS7-451-204	10/22/2020	N	475.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-6	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	E300.0
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	E300.0
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	E300.0
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	E353.2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SM2320B
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SM2320B
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SM2320B
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-204	10/22/2020	N	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-2	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	E300.0
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	E300.0
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	E300.0
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	E300.0
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	E353.2
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SM2320B
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SM2320B
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SM2320B
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW6010C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW6010C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW6010C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW6010C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW6010C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW6010C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW6020A
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW6020A
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8011
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106010	GW010-604	10/22/2020	FD	506 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-3	SW8260C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	E300.0
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	E300.0
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	E300.0
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	E353.2
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SM2320B
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SM2320B
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SM2320B
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW6010C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW6010C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW6010C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW6010C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW6010C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW6020A
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW6020A
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW8011
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW8260C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW8260C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW8260C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW8260C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW8260C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW8260C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW8260C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW8260C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW8260C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW8260C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW8260C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW8260C
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S5-446	GWS5-446-204	10/22/2020	N	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S5-446	GWS5-446-604	10/22/2020	FD	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-4	E300.0
KAFB-106S5-446	GWS5-446-604	10/22/2020	FD	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-4	E300.0
KAFB-106S5-446	GWS5-446-604	10/22/2020	FD	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-4	E300.0
KAFB-106S5-446	GWS5-446-604	10/22/2020	FD	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-4	E353.2
KAFB-106S5-446	GWS5-446-604	10/22/2020	FD	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-4	SM2320B
KAFB-106S5-446	GWS5-446-604	10/22/2020	FD	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-4	SM2320B
KAFB-106S5-446	GWS5-446-604	10/22/2020	FD	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-4	SM2320B
KAFB-106S5-446	GWS5-446-604	10/22/2020	FD	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-4	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S5-446	GWS5-446-604	10/22/2020	FD	470.1 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-4	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106028	GW028-204	10/22/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-11	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106028	GW028-204	10/22/2020	N	488 ft	4857	South of Ridgecrest	WG	4Q2020	410-18162-11	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106075	GW075-204	10/23/2020	N	485 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-5	SW8260C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	E300.0
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	E300.0
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	E300.0
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	E353.2
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SM2320B
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SM2320B
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SM2320B
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW6010C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW6010C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW6010C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW6010C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW6010C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW6010C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW6020A
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW6020A
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW8011
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW8260C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW8260C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW8260C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW8260C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW8260C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW8260C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW8260C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW8260C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW8260C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW8260C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW8260C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW8260C
KAFB-106005	GW005-204	10/23/2020	N	482.57 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-1	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	E300.0
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	E300.0
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	E300.0
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	E353.2
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SM2320B
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SM2320B
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SM2320B
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW6010C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW6010C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW6010C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW6010C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW6010C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW6010C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW6020A
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW6020A
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8011
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106059	GW059-204	10/23/2020	N	504 ft	4857	South of Ridgecrest	WG	4Q2020	410-18275-4	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106018	GW018-204	10/28/2020	N	481 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-18906-4	SW8011
KAFB-106018	GW018-204	10/28/2020	N	481 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-18906-4	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106018	GW018-204	10/28/2020	N	481 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-18906-4	SW8260C
KAFB-106018	GW018-204	10/28/2020	N	481 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-18906-4	SW8260C
KAFB-106018	GW018-204	10/28/2020	N	481 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-18906-4	SW8260C
KAFB-106018	GW018-204	10/28/2020	N	481 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-18906-4	SW8260C
KAFB-106018	GW018-204	10/28/2020	N	481 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-18906-4	SW8260C
KAFB-106018	GW018-204	10/28/2020	N	481 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-18906-4	SW8260C
KAFB-106018	GW018-204	10/28/2020	N	481 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-18906-4	SW8260C
KAFB-106018	GW018-204	10/28/2020	N	481 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-18906-4	SW8260C
KAFB-106018	GW018-204	10/28/2020	N	481 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-18906-4	SW8260C
KAFB-106018	GW018-204	10/28/2020	N	481 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-18906-4	SW8260C
KAFB-106018	GW018-204	10/28/2020	N	481 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-18906-4	SW8260C
KAFB-106018	GW018-204	10/28/2020	N	481 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-18906-4	SW8260C
KAFB-106018	GW018-204	10/28/2020	N	481 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-18906-4	SW8260C
KAFB-106018	GW018-204	10/28/2020	N	481 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-18906-4	SW8260C
KAFB-106018	GW018-204	10/28/2020	N	481 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-18906-4	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	E300.0
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	E300.0
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	E300.0
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	E353.2
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SM2320B
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SM2320B
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SM2320B
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW6010C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW6010C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW6010C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW6010C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW6010C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW6010C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW6010C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW6020A
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW6020A
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8011
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106020	GW020-204	10/29/2020	N	484 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW6010C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW6010C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW6010C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW6020A
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW6020A
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8011
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-204	10/29/2020	N	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-2	SW8260C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	E300.0
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	E300.0
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	E300.0
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	E353.2
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SM2320B
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SM2320B
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SM2320B
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW6010C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SM2320B
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW6010C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW6010C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW6010C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW6010C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW6010C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW6020A
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW6020A
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW8011
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW8260C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW8260C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW8260C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW8260C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW8260C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW8260C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW8260C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW8260C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW8260C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW8260C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW8260C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW8260C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW8260C
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106014	GW014-604	10/29/2020	FD	491 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SM2320B
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106006	GW006-204	10/29/2020	N	509.68 ft	4857	South of Ridgecrest	WG	4Q2020	410-18906-1	SW8260C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	E300.0
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	E300.0
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	E300.0
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	E353.2
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	E353.2
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SM2320B
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SM2320B
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SM2320B
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW6010C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW6010C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW6010C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW6010C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW6010C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW6010C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW6020A
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW6020A
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW8011
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW8260C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW8260C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW8260C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW8260C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW8260C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW8260C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW8260C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW8260C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW8260C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW8260C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW8260C
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106076	GW076-204	10/30/2020	N	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-2	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	E300.0
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	E300.0
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	E353.2
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SM2320B
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SM2320B
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SM2320B
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106076	GW076-604	10/30/2020	FD	482 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-3	SW8260C
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	E300.0
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	E300.0
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	E300.0
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	E353.2
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SM2320B
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SM2320B
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SM2320B
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW6010C
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW6010C
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW6010C
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW6010C
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW6010C
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW6020A
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW6020A
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW8011
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW8260C
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW8260C
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW8260C
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW8260C
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW8260C
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW8260C
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW8260C
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW8260C
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW8260C
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW8260C
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106001	GW001-204	10/30/2020	N	485 ft	4857 & 4838	South of Ridgecrest	WG	4Q2020	410-19107-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106079	GW079-204	10/30/2020	N	498.78 ft	4857	South of Ridgecrest	WG	4Q2020	410-19107-5	SW8260C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	E300.0
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	E300.0
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	E300.0
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	E353.2
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SM2320B
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SM2320B
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SM2320B
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW6010C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW6010C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW6010C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW6010C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW6010C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW6010C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW6020A
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW6020A
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW8011
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW8260C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW8260C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW8260C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW8260C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW8260C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW8260C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW8260C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW8260C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW8260C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW8260C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW8260C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW8260C
KAFB-106080	GW080-204	11/24/2020	N	506 ft	4838	South of Ridgecrest	WG	4Q2020	410-22058-1	SW8260C
KAFB-106218	GW218-211	1/4/2021	N	552.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25437-14	SW8011
KAFB-106218	GW218-611	1/4/2021	FD	552.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25437-15	SW8011
KAFB-106217	GW217-211	1/4/2021	N	485.7 ft	4838	North of Ridgecrest	WG	1Q2021	410-25437-16	SW8011
KAFB-106216	GW216-211	1/4/2021	N	461.9 ft	4857	North of Ridgecrest	WG	1Q2021	410-25437-5	SW8011
KAFB-106224	GW224-211	1/4/2021	N	555.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25437-12	SW8011
KAFB-106223	GW223-211	1/4/2021	N	488.7 ft	4838	North of Ridgecrest	WG	1Q2021	410-25437-11	SW8011
KAFB-106222	GW222-211	1/4/2021	N	461.3 ft	4857	North of Ridgecrest	WG	1Q2021	410-25437-10	SW8011
KAFB-106207	GW207-211	1/4/2021	N	473.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25437-1	SW8011
KAFB-106208	GW208-211	1/4/2021	N	503.1 ft	4838	North of Ridgecrest	WG	1Q2021	410-25437-2	SW8011
KAFB-106209	GW209-211	1/4/2021	N	602.99 ft	4814	North of Ridgecrest	WG	1Q2021	410-25437-3	SW8011
KAFB-106205	GW205-211	1/4/2021	N	493.08 ft	4838	North of Ridgecrest	WG	1Q2021	410-25437-8	SW8011
KAFB-106204	GW204-211	1/4/2021	N	463.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25437-6	SW8011
KAFB-106204	GW204-611	1/4/2021	FD	463.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25437-7	SW8011
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	E300.0
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	E300.0
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	E300.0
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	E353.2
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SM2320B
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SM2320B
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SM2320B
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SW6010C
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SW6010C
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SW6010C
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SW6010C
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SW6010C
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SW6020A
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SW6020A
KAFB-106242-418	GW242-418-211	1/5/2021	N	442.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-18	SW8011
KAFB-106031	GW031-211	1/5/2021	N	495.88 ft	4814	North of Ridgecrest	WG	1Q2021	410-25516-11	SW8011
KAFB-106030	GW030-211	1/5/2021	N	470.04 ft	4838	North of Ridgecrest	WG	1Q2021	410-25516-12	SW8011
KAFB-106029	GW029-211	1/5/2021	N	451.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-13	SW8011
KAFB-106232	GW232-211	1/5/2021	N	503.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25516-15	SW8011
KAFB-106231	GW231-211	1/5/2021	N	453.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-16	SW8011
KAFB-106206	GW206-211	1/5/2021	N	593.83 ft	4814	North of Ridgecrest	WG	1Q2021	410-25516-19	SW8011
KAFB-106236-436	GW236-436-211	1/5/2021	N	441.9 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-6	SW8011
KAFB-106236-436	GW236-436-611	1/5/2021	FD	441.9 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-7	SW8011
KAFB-106236-470	GW236-470-211	1/5/2021	N	470.7 ft	4838	North of Ridgecrest	WG	1Q2021	410-25516-8	SW8011
KAFB-106236-499	GW236-499-211	1/5/2021	N	499.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25516-9	SW8011
KAFB-106235-438	GW235-438-211	1/5/2021	N	441.3 ft	4857	North of Ridgecrest	WG	1Q2021	410-25516-2	SW8011
KAFB-106235-472	GW235-472-211	1/5/2021	N	472.7 ft	4838	North of Ridgecrest	WG	1Q2021	410-25516-3	SW8011
KAFB-106235-501	GW235-501-211	1/5/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25516-4	SW8011
KAFB-106203	GW203-211	1/6/2021	N	623.11 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-4	SW8011
KAFB-106202	GW202-211	1/6/2021	N	519.93 ft	4838	North of Ridgecrest	WG	1Q2021	410-25683-3	SW8011
KAFB-106201	GW201-211	1/6/2021	N	490.35 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-2	SW8011
KAFB-106033	GW033-211	1/6/2021	N	477.25 ft	4838	North of Ridgecrest	WG	1Q2021	410-25683-12	SW8011

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106034	GW034-211	1/6/2021	N	502.21 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-13	SW8011
KAFB-106032	GW032-211	1/6/2021	N	456.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-11	SW8011
KAFB-106049	GW049-211	1/6/2021	N	457.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-8	SW8011
KAFB-106051	GW051-211	1/6/2021	N	501.08 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-17	SW8011
KAFB-106050	GW050-211	1/6/2021	N	473.91 ft	4838	North of Ridgecrest	WG	1Q2021	410-25683-9	SW8011
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	E300.0
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	E300.0
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	E300.0
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	E353.2
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SM2320B
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SM2320B
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SM2320B
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SW6010C
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SW6010C
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SW6010C
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SW6010C
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SW6010C
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SW6020A
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SW6020A
KAFB-106041	GW041-211	1/6/2021	N	449.7 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-16	SW8011
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	E300.0
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	E300.0
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	E300.0
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	E353.2
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SM2320B
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SM2320B
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SM2320B
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SM2320B
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SW6010C
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SW6010C
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SW6010C
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SW6010C
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SW6010C
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SW6020A
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SW6020A
KAFB-106230	GW230-211	1/6/2021	N	501.7 ft	4814	North of Ridgecrest	WG	1Q2021	410-25683-15	SW8011
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	E300.0
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	E300.0
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	E300.0
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	E353.2
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SM2320B
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SM2320B
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SM2320B
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SW6010C
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SW6010C
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SW6010C
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SW6010C
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SW6010C
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SW6020A
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SW6020A
KAFB-106241-428	GW241-428-211	1/6/2021	N	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-6	SW8011
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	E300.0
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	E300.0

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	E300.0
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	E353.2
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SM2320B
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SM2320B
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SM2320B
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SW6010C
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SW6010C
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SW6010C
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SW6010C
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SW6010C
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SW6020A
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SW6020A
KAFB-106241-428	GW241-428-611	1/6/2021	FD	452.1 ft	4857	North of Ridgecrest	WG	1Q2021	410-25683-7	SW8011
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	E300.0
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	E300.0
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	E300.0
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	E353.2
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SM2320B
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SM2320B
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SM2320B
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW6010C
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW6010C
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW6010C
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW6010C
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW6010C
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW6020A
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW6020A
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW8011
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW8260C
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW8260C
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW8260C
KAFB-106240-449	GW240-449-211	1/7/2021	N	473.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-2	SW8260C
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	E300.0
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	E300.0
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	E300.0
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	E353.2
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SM2320B
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SM2320B
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SM2320B
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW6010C
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW6010C
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW6010C
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW6010C
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW6010C
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW6020A
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW6020A
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW8011
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW8260C
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW8260C
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW8260C
KAFB-106244-445	GW244-445-211	1/7/2021	N	469.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-3	SW8260C
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	E300.0

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	E300.0
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	E300.0
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	E353.2
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SM2320B
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SM2320B
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SM2320B
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SW6010C
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SW6010C
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SW6010C
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SW6010C
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SW6010C
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SW6020A
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SW6020A
KAFB-106243-425	GW243-425-211	1/7/2021	N	446.5 ft	4857	North of Ridgecrest	WG	1Q2021	410-25765-16	SW8011
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	E300.0
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	E300.0
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	E300.0
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	E353.2
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SM2320B
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SM2320B
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SM2320B
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW6010C
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW6010C
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW6010C
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW6010C
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW6010C
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW6010C
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW6020A
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW6020A
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW8011
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW8260C
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW8260C
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW8260C
KAFB-106245-460	GW245-460-211	1/7/2021	N	486.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-4	SW8260C
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	E300.0
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	E300.0
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	E300.0
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	E353.2
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SM2320B
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SM2320B
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SM2320B
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW6010C
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW6010C
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW6010C
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW6010C
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW6010C
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW6010C
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW6020A
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW6020A
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW8011
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW8260C
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW8260C
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW8260C
KAFB-106S4-446	GWS4-446-211	1/7/2021	N	467.5 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-6	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	E300.0
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	E300.0
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	E300.0
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	E353.2
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SM2320B
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SM2320B
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SM2320B
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW6010C
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW6010C
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW6010C
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW6010C
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW6010C
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW6010C
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW6020A
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW6020A
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW8011
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW8260C
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW8260C
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW8260C
KAFB-106247-450	GW247-450-211	1/7/2021	N	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-7	SW8260C
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	E300.0
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	E300.0
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	E300.0
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	E353.2
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SM2320B
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SM2320B
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SM2320B
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW6010C
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW6010C
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW6010C
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW6010C
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW6010C
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW6020A
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW6020A
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW8011
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW8260C
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW8260C
KAFB-106247-450	GW247-450-611	1/7/2021	FD	476.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-8	SW8260C
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	E300.0
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	E300.0
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	E300.0
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	E353.2
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SM2320B
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SM2320B
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SM2320B
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW6010C
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW6010C
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW6010C
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW6010C
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW6010C
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW6020A
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW6020A

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW8011
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW8260C
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW8260C
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW8260C
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	477.7 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-10	SW8260C
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	E300.0
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	E300.0
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	E300.0
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	E353.2
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SM2320B
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SM2320B
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SM2320B
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SW6010C
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SW6010C
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SW6010C
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SW6010C
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SW6010C
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SW6020A
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SW6020A
KAFB-106153-484	GW153-484-211	1/7/2021	N	474.89 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-13	SW8011
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	E300.0
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	E300.0
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	E300.0
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	E353.2
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SM2320B
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SM2320B
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SM2320B
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SW6010C
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SW6010C
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SW6010C
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SW6010C
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SW6010C
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SW6020A
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SW6020A
KAFB-106149-484	GW149-484-211	1/7/2021	N	472 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-14	SW8011
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	E300.0
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	E300.0
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	E300.0
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	E353.2
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SM2320B
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SM2320B
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SM2320B
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW6010C
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW6010C
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW6010C
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW6010C
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW6010C
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW6020A
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW6020A
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW8011
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW8260C
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW8260C
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	471.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-11	SW8260C
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	E300.0
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	E300.0
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	E300.0
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	E353.2
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SM2320B
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SM2320B
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SM2320B
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW6010C
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW6010C
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW6010C
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW6010C
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW6010C
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW6010C
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW6020A
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW6020A
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW8011
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW8260C
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW8260C
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW8260C
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	478.33 ft	4857	South of Ridgecrest	WG	1Q2021	410-25765-18	SW8260C
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	E300.0
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	E300.0
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	E300.0
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	E353.2
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SM2320B
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SM2320B
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SM2320B
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SM2320B
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW6010C
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW6010C
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW6010C
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW6010C
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW6010C
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW6020A
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW6020A
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW8011
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW8260C
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW8260C
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW8260C
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	470.18 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-4	SW8260C
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	E300.0
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	E300.0
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	E300.0
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	E353.2
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SM2320B
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SM2320B
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SM2320B
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW6010C
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW6010C
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW6010C
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW6010C
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW6020A
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW6020A
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW8011
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW8260C
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW8260C
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW8260C
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	475.1 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-2	SW8260C
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	E300.0
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	E300.0
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	E300.0
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	E353.2
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SM2320B
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SM2320B
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SM2320B
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW6010C
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW6010C
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW6010C
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW6010C
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW6010C
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW6010C
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW6020A
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW6020A
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW8011
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW8260C
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW8260C
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	476.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-8	SW8260C
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	E300.0
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	E300.0
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	E300.0
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	E353.2
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SM2320B
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SM2320B
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SM2320B
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SW6010C
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SW6010C
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SW6010C
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SW6010C
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SW6010C
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SW6020A
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SW6020A
KAFB-106152-484	GW152-484-211	1/8/2021	N	472.28 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-6	SW8011
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	E300.0
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	E300.0
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	E300.0
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	E353.2
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SM2320B
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SM2320B
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SM2320B
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW6010C
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW6010C
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW6010C
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW6010C
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW6010C
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW6020A
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW6020A
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW8011
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW8260C
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW8260C
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW8260C
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	471.22 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-7	SW8260C
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	E300.0
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	E300.0
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	E300.0
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	E353.2
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SM2320B
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SM2320B
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SM2320B
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6010C
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6010C
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6010C
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6010C
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6010C
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6010C
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6020A
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW6020A
KAFB-106151-484	GW151-484-211	1/8/2021	N	469.59 ft	4857	South of Ridgecrest	WG	1Q2021	410-25906-3	SW8011
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	E300.0
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	E300.0
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	E300.0
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	E353.2
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SM2320B
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SM2320B
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SM2320B
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW6010C
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW6010C
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW6010C
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW6010C
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW6010C
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW6020A
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW6020A
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW8011
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW8260C
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW8260C
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW8260C
KAFB-106012R	GW012R-211	1/11/2021	N	495 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-4	SW8260C
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	E300.0
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	E300.0
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	E300.0
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	E353.2
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SM2320B
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SM2320B
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SM2320B
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW6010C
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW6010C
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW6010C
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW6010C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW6010C
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW6010C
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW6020A
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW6020A
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW8011
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW8260C
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW8260C
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW8260C
KAFB-106009	GW009-211	1/11/2021	N	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-1	SW8260C
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	E300.0
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	E300.0
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	E300.0
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	E353.2
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SM2320B
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SM2320B
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SM2320B
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW6010C
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW6010C
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW6010C
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW6010C
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW6010C
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW6010C
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW6020A
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW6020A
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW8011
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW8260C
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW8260C
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW8260C
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW8260C
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW8260C
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW8260C
KAFB-106009	GW009-611	1/11/2021	FD	484.39 ft	4857	South of Ridgecrest	WG	1Q2021	410-26001-2	SW8260C
KAFB-106013	GW013-211	1/12/2021	N	491 ft	4857	South of Ridgecrest	WG	1Q2021	410-26145-3	SW8011
KAFB-106013	GW013-211	1/12/2021	N	491 ft	4857	South of Ridgecrest	WG	1Q2021	410-26145-3	SW8260C
KAFB-106013	GW013-211	1/12/2021	N	491 ft	4857	South of Ridgecrest	WG	1Q2021	410-26145-3	SW8260C
KAFB-106013	GW013-211	1/12/2021	N	491 ft	4857	South of Ridgecrest	WG	1Q2021	410-26145-3	SW8260C
KAFB-106013	GW013-211	1/12/2021	N	491 ft	4857	South of Ridgecrest	WG	1Q2021	410-26145-3	SW8260C
KAFB-106098	GW098-211	1/12/2021	N	533 ft	4814	South of Ridgecrest	WG	1Q2021	410-26145-4	SW8011
KAFB-106098	GW098-211	1/12/2021	N	533 ft	4814	South of Ridgecrest	WG	1Q2021	410-26145-4	SW8260C
KAFB-106098	GW098-211	1/12/2021	N	533 ft	4814	South of Ridgecrest	WG	1Q2021	410-26145-4	SW8260C
KAFB-106098	GW098-211	1/12/2021	N	533 ft	4814	South of Ridgecrest	WG	1Q2021	410-26145-4	SW8260C
KAFB-106098	GW098-211	1/12/2021	N	533 ft	4814	South of Ridgecrest	WG	1Q2021	410-26145-4	SW8260C
KAFB-106097	GW097-211	1/12/2021	N	508 ft	4838	South of Ridgecrest	WG	1Q2021	410-26145-2	SW8011
KAFB-106097	GW097-211	1/12/2021	N	508 ft	4838	South of Ridgecrest	WG	1Q2021	410-26145-2	SW8260C
KAFB-106097	GW097-211	1/12/2021	N	508 ft	4838	South of Ridgecrest	WG	1Q2021	410-26145-2	SW8260C
KAFB-106097	GW097-211	1/12/2021	N	508 ft	4838	South of Ridgecrest	WG	1Q2021	410-26145-2	SW8260C
KAFB-106097	GW097-211	1/12/2021	N	508 ft	4838	South of Ridgecrest	WG	1Q2021	410-26145-2	SW8260C
KAFB-106004	GW004-211	1/13/2021	N	488.74 ft	4857	South of Ridgecrest	WG	1Q2021	410-26381-4	SW8011
KAFB-106004	GW004-211	1/13/2021	N	488.74 ft	4857	South of Ridgecrest	WG	1Q2021	410-26381-4	SW8260C
KAFB-106004	GW004-211	1/13/2021	N	488.74 ft	4857	South of Ridgecrest	WG	1Q2021	410-26381-4	SW8260C
KAFB-106004	GW004-211	1/13/2021	N	488.74 ft	4857	South of Ridgecrest	WG	1Q2021	410-26381-4	SW8260C
KAFB-106004	GW004-211	1/13/2021	N	488.74 ft	4857	South of Ridgecrest	WG	1Q2021	410-26381-4	SW8260C
KAFB-106100	GW100-211	1/13/2021	N	528 ft	4814	South of Ridgecrest	WG	1Q2021	410-26381-2	SW8011
KAFB-106100	GW100-211	1/13/2021	N	528 ft	4814	South of Ridgecrest	WG	1Q2021	410-26381-2	SW8260C
KAFB-106100	GW100-211	1/13/2021	N	528 ft	4814	South of Ridgecrest	WG	1Q2021	410-26381-2	SW8260C
KAFB-106100	GW100-211	1/13/2021	N	528 ft	4814	South of Ridgecrest	WG	1Q2021	410-26381-2	SW8260C
KAFB-106100	GW100-211	1/13/2021	N	528 ft	4814	South of Ridgecrest	WG	1Q2021	410-26381-2	SW8260C
KAFB-106099	GW099-211	1/13/2021	N	503 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-1	SW8011

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106099	GW099-211	1/13/2021	N	503 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-1	SW8260C
KAFB-106099	GW099-211	1/13/2021	N	503 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-1	SW8260C
KAFB-106099	GW099-211	1/13/2021	N	503 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-1	SW8260C
KAFB-106099	GW099-211	1/13/2021	N	503 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-1	SW8260C
KAFB-106101	GW101-211	1/13/2021	N	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-5	SW8011
KAFB-106101	GW101-211	1/13/2021	N	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-5	SW8260C
KAFB-106101	GW101-211	1/13/2021	N	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-5	SW8260C
KAFB-106101	GW101-211	1/13/2021	N	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-5	SW8260C
KAFB-106101	GW101-211	1/13/2021	N	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-5	SW8260C
KAFB-106101	GW101-611	1/13/2021	FD	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-6	SW8011
KAFB-106101	GW101-611	1/13/2021	FD	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-6	SW8260C
KAFB-106101	GW101-611	1/13/2021	FD	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-6	SW8260C
KAFB-106101	GW101-611	1/13/2021	FD	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-6	SW8260C
KAFB-106101	GW101-611	1/13/2021	FD	500.8 ft	4838	South of Ridgecrest	WG	1Q2021	410-26381-6	SW8260C
KAFB-106102	GW102-211	1/14/2021	N	526 ft	4814	South of Ridgecrest	WG	1Q2021	410-26637-2	SW8011
KAFB-106102	GW102-211	1/14/2021	N	526 ft	4814	South of Ridgecrest	WG	1Q2021	410-26637-2	SW8260C
KAFB-106102	GW102-211	1/14/2021	N	526 ft	4814	South of Ridgecrest	WG	1Q2021	410-26637-2	SW8260C
KAFB-106102	GW102-211	1/14/2021	N	526 ft	4814	South of Ridgecrest	WG	1Q2021	410-26637-2	SW8260C
KAFB-106102	GW102-211	1/14/2021	N	526 ft	4814	South of Ridgecrest	WG	1Q2021	410-26637-2	SW8260C
KAFB-106003	GW003-211	1/14/2021	N	481 ft	4857	South of Ridgecrest	WG	1Q2021	410-26637-1	SW8011
KAFB-106003	GW003-211	1/14/2021	N	481 ft	4857	South of Ridgecrest	WG	1Q2021	410-26637-1	SW8260C
KAFB-106003	GW003-211	1/14/2021	N	481 ft	4857	South of Ridgecrest	WG	1Q2021	410-26637-1	SW8260C
KAFB-106003	GW003-211	1/14/2021	N	481 ft	4857	South of Ridgecrest	WG	1Q2021	410-26637-1	SW8260C
KAFB-106003	GW003-211	1/14/2021	N	481 ft	4857	South of Ridgecrest	WG	1Q2021	410-26637-1	SW8260C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	E300.0
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	E300.0
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	E300.0
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	E353.2
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	E353.2
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SM2320B
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SM2320B
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SM2320B
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW6010C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW6010C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW6010C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW6010C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW6010C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW6010C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW6020A
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW6020A
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8011
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8015M
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8015M
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	sample_date	sample_type_code	sample_depth	Reference Elevation Interval	Ridgecrest_location	matrix_code	task_code	lab_sample_ID	analytic_method
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	483.8 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-5	SW8260C
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	E300.0
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	E300.0
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	E300.0
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	E353.2
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SM2320B
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SM2320B
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SM2320B
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW6010C
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW6010C
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW6010C
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW6010C
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW6010C
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW6010C
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW6020A
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW6020A
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW8011
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW8260C
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW8260C
KAFB-106005	GW005-211	1/15/2021	N	483.87 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-2	SW8260C
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	E300.0
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	E300.0
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	E300.0
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	E353.2
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SM2320B
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SM2320B
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SM2320B
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SM2320B
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SM2320B
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW6010C
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW6010C
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW6010C
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW6010C
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW6010C
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW6010C
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW6020A
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW6020A
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW8011
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW8260C
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW8260C
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW8260C
KAFB-106005	GW005-611	1/15/2021	FD	482.57 ft	4857	South of Ridgecrest	WG	1Q2021	410-26694-3	SW8260C

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106236-436	GW236-436-202	4/10/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	55.8	55.8
KAFB-106236-436	GW236-436-202	4/10/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106236-436	GW236-436-202	4/10/2020	N	INITIAL	10		KR422	16887-00-6	Chloride	34.7	34.7
KAFB-106236-436	GW236-436-202	4/13/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	1.1	1.1
KAFB-106236-436	GW236-436-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	84.3	84.3
KAFB-106236-436	GW236-436-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	84.3	84.3
KAFB-106236-436	GW236-436-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106236-436	GW236-436-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	7.37	7.37
KAFB-106236-436	GW236-436-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	3.18	3.18
KAFB-106236-436	GW236-436-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	28.3	28.3
KAFB-106236-436	GW236-436-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	52.7	52.7
KAFB-106236-436	GW236-436-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106236-436	GW236-436-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	0.00092	0.00092
KAFB-106236-436	GW236-436-202	4/8/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106236-436	GW236-436-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106236-436	GW236-436-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106236-470	GW236-470-202	4/17/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	67.6	67.6
KAFB-106236-470	GW236-470-202	4/17/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106236-470	GW236-470-202	4/17/2020	N	INITIAL	10		KR422	16887-00-6	Chloride	37.0	37
KAFB-106236-470	GW236-470-202	4/13/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	0.78	0.78
KAFB-106236-470	GW236-470-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	84.2	84.2
KAFB-106236-470	GW236-470-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	84.2	84.2
KAFB-106236-470	GW236-470-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106236-470	GW236-470-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	7.08	7.08
KAFB-106236-470	GW236-470-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	2.92	2.92
KAFB-106236-470	GW236-470-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	23.8	23.8
KAFB-106236-470	GW236-470-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	50.1	50.1
KAFB-106236-470	GW236-470-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	0.00019	0.00019
KAFB-106236-470	GW236-470-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	0.00097	0.00097
KAFB-106236-470	GW236-470-202	4/8/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106236-470	GW236-470-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106236-470	GW236-470-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106087	GW087-202	4/9/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	38.1	38.1
KAFB-106087	GW087-202	4/9/2020	N	INITIAL	5		KR422	16887-00-6	Chloride	19.7	19.7
KAFB-106087	GW087-202	4/9/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106087	GW087-202	4/9/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	0.42	0.42
KAFB-106087	GW087-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	97.7	97.7
KAFB-106087	GW087-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	97.7	97.7
KAFB-106087	GW087-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106087	GW087-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	5.73	5.73
KAFB-106087	GW087-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	2.33	2.33
KAFB-106087	GW087-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	23.4	23.4
KAFB-106087	GW087-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	42.1	42.1
KAFB-106087	GW087-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106087	GW087-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106087	GW087-202	4/8/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106087	GW087-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106087	GW087-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106236-499	GW236-499-202	4/9/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	61.9	61.9
KAFB-106236-499	GW236-499-202	4/9/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106236-499	GW236-499-202	4/9/2020	N	INITIAL	10		KR422	16887-00-6	Chloride	47.5	47.5
KAFB-106236-499	GW236-499-202	4/13/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	0.73	0.73
KAFB-106236-499	GW236-499-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	84.8	84.8
KAFB-106236-499	GW236-499-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	84.8	84.8
KAFB-106236-499	GW236-499-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106236-499	GW236-499-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	7.89	7.89
KAFB-106236-499	GW236-499-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	3.09	3.09
KAFB-106236-499	GW236-499-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	25.6	25.6
KAFB-106236-499	GW236-499-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	56.4	56.4
KAFB-106236-499	GW236-499-202	4/9/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	0.00018	0.00018
KAFB-106236-499	GW236-499-202	4/9/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	0.00086	0.00086
KAFB-106236-499	GW236-499-202	4/8/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106236-499	GW236-499-202	4/9/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106236-499	GW236-499-202	4/9/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106086	GW086-202	4/9/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	68.2	68.2
KAFB-106086	GW086-202	4/9/2020	N	INITIAL	5		KR422	16887-00-6	Chloride	25.4	25.4
KAFB-106086	GW086-202	4/9/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106086	GW086-202	4/9/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	0.56	0.56
KAFB-106086	GW086-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	106	106
KAFB-106086	GW086-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	106	106
KAFB-106086	GW086-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106086	GW086-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	7.67	7.67
KAFB-106086	GW086-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	2.76	2.76
KAFB-106086	GW086-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	26.0	26
KAFB-106086	GW086-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	57.3	57.3
KAFB-106086	GW086-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106086	GW086-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	0.00074	0.00074
KAFB-106086	GW086-202	4/8/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106086	GW086-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106086	GW086-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106235-438	GW235-438-202	4/9/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	59.0	59
KAFB-106235-438	GW235-438-202	4/9/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	2.1	2.1
KAFB-106235-438	GW235-438-202	4/9/2020	N	INITIAL	100		KR422	16887-00-6	Chloride	64.5	64.5
KAFB-106235-438	GW235-438-202	4/9/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	1.5	1.5
KAFB-106235-438	GW235-438-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	83.6	83.6
KAFB-106235-438	GW235-438-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	83.6	83.6
KAFB-106235-438	GW235-438-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106235-438	GW235-438-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	8.87	8.87
KAFB-106235-438	GW235-438-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	3.75	3.75
KAFB-106235-438	GW235-438-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	27.5	27.5
KAFB-106235-438	GW235-438-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	63.2	63.2
KAFB-106235-438	GW235-438-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106235-438	GW235-438-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	0.00095	0.00095
KAFB-106235-438	GW235-438-202	4/8/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106235-438	GW235-438-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106235-438	GW235-438-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106085	GW085-202	4/9/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	44.6	44.6
KAFB-106085	GW085-202	4/9/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106085	GW085-202	4/9/2020	N	INITIAL	50		KR422	16887-00-6	Chloride	39.4	39.4
KAFB-106085	GW085-202	4/9/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	0.25	0.25
KAFB-106085	GW085-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	109	109
KAFB-106085	GW085-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	109	109
KAFB-106085	GW085-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106085	GW085-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	8.49	8.49
KAFB-106085	GW085-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	2.92	2.92
KAFB-106085	GW085-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	26.6	26.6
KAFB-106085	GW085-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	58.0	58
KAFB-106085	GW085-202	4/9/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106085	GW085-202	4/9/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106085	GW085-202	4/8/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106085	GW085-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106085	GW085-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	0.0108	0.0108
KAFB-106085	GW085-602	4/10/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	52.9	52.9
KAFB-106085	GW085-602	4/10/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	1.9	1.9
KAFB-106085	GW085-602	4/10/2020	N	INITIAL	50		KR422	16887-00-6	Chloride	46.3	46.3
KAFB-106085	GW085-602	4/9/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	0.25	0.25
KAFB-106085	GW085-602	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	108	108
KAFB-106085	GW085-602	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	108	108
KAFB-106085	GW085-602	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106085	GW085-602	4/12/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	8.42	8.42
KAFB-106085	GW085-602	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	2.85	2.85
KAFB-106085	GW085-602	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	26.4	26.4
KAFB-106085	GW085-602	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	57.7	57.7
KAFB-106085	GW085-602	4/10/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106085	GW085-602	4/10/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106085	GW085-602	4/8/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106085	GW085-602	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106085	GW085-602	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	0.0073	0.0073
KAFB-106235-472	GW235-472-202	4/9/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	61.8	61.8
KAFB-106235-472	GW235-472-202	4/9/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106235-472	GW235-472-202	4/9/2020	N	INITIAL	10		KR422	16887-00-6	Chloride	51.0	51
KAFB-106235-472	GW235-472-202	4/13/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	1.4	1.4
KAFB-106235-472	GW235-472-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	85.5	85.5
KAFB-106235-472	GW235-472-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	85.5	85.5
KAFB-106235-472	GW235-472-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106235-472	GW235-472-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	7.92	7.92
KAFB-106235-472	GW235-472-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	3.18	3.18
KAFB-106235-472	GW235-472-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	25.8	25.8
KAFB-106235-472	GW235-472-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	55.3	55.3
KAFB-106235-472	GW235-472-202	4/9/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106235-472	GW235-472-202	4/9/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	0.0010	0.001
KAFB-106235-472	GW235-472-202	4/8/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106235-472	GW235-472-202	4/12/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106235-472	GW235-472-202	4/12/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106235-501	GW235-501-202	4/8/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106235-501	GW235-501-202	4/9/2020	N	INITIAL	10		KR422	14808-79-8	Sulfate	79.0	79
KAFB-106235-501	GW235-501-202	4/9/2020	N	INITIAL	10		KR422	16887-00-6	Chloride	41.9	41.9
KAFB-106235-501	GW235-501-202	4/9/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	1.1	1.1
KAFB-106235-501	GW235-501-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	87.1	87.1
KAFB-106235-501	GW235-501-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	87.1	87.1
KAFB-106235-501	GW235-501-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106235-501	GW235-501-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	8.49	8.49
KAFB-106235-501	GW235-501-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	2.98	2.98
KAFB-106235-501	GW235-501-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	25.8	25.8
KAFB-106235-501	GW235-501-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	62.1	62.1
KAFB-106235-501	GW235-501-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	0.00017	0.00017
KAFB-106235-501	GW235-501-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	0.00091	0.00091
KAFB-106235-501	GW235-501-202	4/8/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106235-501	GW235-501-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106235-501	GW235-501-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106231	GW231-202	4/9/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	41.2	41.2
KAFB-106231	GW231-202	4/9/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	2.8	2.8
KAFB-106231	GW231-202	4/17/2020	N	INITIAL	50		KR422	16887-00-6	Chloride	166	166
KAFB-106231	GW231-202	4/13/2020	N	INITIAL	2		KR422	NNN	Nitrogen as nitrate + nitrite	3.3	3.3
KAFB-106231	GW231-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	77.5	77.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106231	GW231-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	77.5	77.5
KAFB-106231	GW231-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106231	GW231-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	11.8	11.8
KAFB-106231	GW231-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	3.54	3.54
KAFB-106231	GW231-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	35.7	35.7
KAFB-106231	GW231-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	84.4	84.4
KAFB-106231	GW231-202	4/9/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106231	GW231-202	4/9/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106231	GW231-202	4/8/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106231	GW231-202	4/9/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106231	GW231-202	4/9/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106227	GW227-202	4/9/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	37.9	37.9
KAFB-106227	GW227-202	4/9/2020	N	INITIAL	5		KR422	16887-00-6	Chloride	12.0	12
KAFB-106227	GW227-202	4/9/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106227	GW227-202	4/9/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	0.12	0.12
KAFB-106227	GW227-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	108	108
KAFB-106227	GW227-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	108	108
KAFB-106227	GW227-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106227	GW227-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	5.32	5.32
KAFB-106227	GW227-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	2.34	2.34
KAFB-106227	GW227-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	23.5	23.5
KAFB-106227	GW227-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	39.6	39.6
KAFB-106227	GW227-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106227	GW227-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	0.00096	0.00096
KAFB-106227	GW227-202	4/9/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106227	GW227-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106227	GW227-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106232	GW232-202	4/10/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	47.7	47.7
KAFB-106232	GW232-202	4/10/2020	N	INITIAL	5		KR422	16887-00-6	Chloride	29.0	29
KAFB-106232	GW232-202	4/10/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106232	GW232-202	4/9/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	0.69	0.69
KAFB-106232	GW232-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	96.1	96.1
KAFB-106232	GW232-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	96.1	96.1
KAFB-106232	GW232-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106232	GW232-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	6.62	6.62
KAFB-106232	GW232-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	2.50	2.5
KAFB-106232	GW232-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	24.1	24.1
KAFB-106232	GW232-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	48.0	48
KAFB-106232	GW232-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106232	GW232-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	0.00082	0.00082
KAFB-106232	GW232-202	4/8/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106232	GW232-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106232	GW232-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106226	GW226-202	4/9/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	64.9	64.9
KAFB-106226	GW226-202	4/9/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106226	GW226-202	4/9/2020	N	INITIAL	50		KR422	16887-00-6	Chloride	37.2	37.2
KAFB-106226	GW226-202	4/9/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	0.82	0.82
KAFB-106226	GW226-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	98.2	98.2
KAFB-106226	GW226-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	98.2	98.2
KAFB-106226	GW226-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106226	GW226-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	7.90	7.9
KAFB-106226	GW226-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	2.62	2.62
KAFB-106226	GW226-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	27.0	27
KAFB-106226	GW226-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	58.4	58.4
KAFB-106226	GW226-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106226	GW226-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	0.00069	0.00069
KAFB-106226	GW226-202	4/9/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106226	GW226-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106226	GW226-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106031	GW031-202	4/9/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106031	GW031-202	4/9/2020	N	INITIAL	50		KR422	14808-79-8	Sulfate	102	102
KAFB-106031	GW031-202	4/9/2020	N	INITIAL	50		KR422	16887-00-6	Chloride	43.8	43.8
KAFB-106031	GW031-202	4/9/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	1.1	1.1
KAFB-106031	GW031-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	90.1	90.1
KAFB-106031	GW031-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	90.1	90.1
KAFB-106031	GW031-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106031	GW031-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	8.55	8.55
KAFB-106031	GW031-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	2.82	2.82
KAFB-106031	GW031-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	25.5	25.5
KAFB-106031	GW031-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	62.0	62
KAFB-106031	GW031-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106031	GW031-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	0.00073	0.00073
KAFB-106031	GW031-202	4/9/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106031	GW031-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106031	GW031-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106225	GW225-202	4/18/2020	N	INITIAL	5		KR422	16887-00-6	Chloride	28.2	28.2
KAFB-106225	GW225-202	4/18/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106225	GW225-202	4/28/2020	N	INITIAL	10		KR422	14808-79-8	Sulfate	74.0	74
KAFB-106225	GW225-202	4/9/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	0.49	0.49
KAFB-106225	GW225-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	113	113
KAFB-106225	GW225-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	113	113
KAFB-106225	GW225-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106225	GW225-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	7.08	7.08
KAFB-106225	GW225-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	2.55	2.55
KAFB-106225	GW225-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	24.6	24.6
KAFB-106225	GW225-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	50.7	50.7
KAFB-106225	GW225-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106225	GW225-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106225	GW225-202	4/9/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106225	GW225-202	4/9/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106225	GW225-202	4/9/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106225	GW225-602	4/9/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	74.5	74.5
KAFB-106225	GW225-602	4/9/2020	N	INITIAL	5		KR422	16887-00-6	Chloride	23.7	23.7
KAFB-106225	GW225-602	4/9/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106225	GW225-602	4/9/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	0.42	0.42
KAFB-106225	GW225-602	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	114	114
KAFB-106225	GW225-602	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	114	114
KAFB-106225	GW225-602	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106225	GW225-602	4/12/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	7.93	7.93
KAFB-106225	GW225-602	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	2.92	2.92
KAFB-106225	GW225-602	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	27.7	27.7
KAFB-106225	GW225-602	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	57.0	57
KAFB-106225	GW225-602	4/10/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106225	GW225-602	4/10/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	0.00085	0.00085
KAFB-106225	GW225-602	4/9/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106225	GW225-602	4/9/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106225	GW225-602	4/9/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106030	GW030-202	4/9/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	73.9	73.9
KAFB-106030	GW030-202	4/9/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106030	GW030-202	4/9/2020	N	INITIAL	100		KR422	16887-00-6	Chloride	74.3	74.3

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106030	GW030-202	4/9/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	2.1	2.1
KAFB-106030	GW030-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	79.2	79.2
KAFB-106030	GW030-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	79.2	79.2
KAFB-106030	GW030-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106030	GW030-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	9.11	9.11
KAFB-106030	GW030-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	2.80	2.8
KAFB-106030	GW030-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	26.9	26.9
KAFB-106030	GW030-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	68.7	68.7
KAFB-106030	GW030-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106030	GW030-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	0.00088	0.00088
KAFB-106030	GW030-202	4/9/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106030	GW030-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106030	GW030-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106022	GW022-202	4/10/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	43.2	43.2
KAFB-106022	GW022-202	4/10/2020	N	INITIAL	5		KR422	16887-00-6	Chloride	24.2	24.2
KAFB-106022	GW022-202	4/10/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106022	GW022-202	4/9/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106022	GW022-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	121	121
KAFB-106022	GW022-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	121	121
KAFB-106022	GW022-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106022	GW022-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	6.77	6.77
KAFB-106022	GW022-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	2.60	2.6
KAFB-106022	GW022-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	25.3	25.3
KAFB-106022	GW022-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	48.9	48.9
KAFB-106022	GW022-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106022	GW022-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	0.00088	0.00088
KAFB-106022	GW022-202	4/10/2020	N	INITIAL2	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	0.017	0.017
KAFB-106022	GW022-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106022	GW022-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	0.0337	0.0337
KAFB-106029	GW029-202	4/9/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	1.8	1.8
KAFB-106029	GW029-202	4/9/2020	N	INITIAL	50		KR422	14808-79-8	Sulfate	111	111
KAFB-106029	GW029-202	4/9/2020	N	INITIAL	50		KR422	16887-00-6	Chloride	60.1	60.1
KAFB-106029	GW029-202	4/9/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	2.0	2
KAFB-106029	GW029-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	80.9	80.9
KAFB-106029	GW029-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	80.9	80.9
KAFB-106029	GW029-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106029	GW029-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	10.5	10.5
KAFB-106029	GW029-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	2.97	2.97
KAFB-106029	GW029-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	28.1	28.1
KAFB-106029	GW029-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	75.0	75
KAFB-106029	GW029-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106029	GW029-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	0.00074	0.00074
KAFB-106029	GW029-202	4/8/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106029	GW029-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106029	GW029-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106015	GW015-202	4/8/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	28.4	28.4
KAFB-106015	GW015-202	4/8/2020	N	INITIAL	5		KR422	16887-00-6	Chloride	18.7	18.7
KAFB-106015	GW015-202	4/8/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106015	GW015-202	4/9/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	0.32	0.32
KAFB-106015	GW015-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	114	114
KAFB-106015	GW015-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	114	114
KAFB-106015	GW015-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106015	GW015-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	5.43	5.43
KAFB-106015	GW015-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	2.23	2.23
KAFB-106015	GW015-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	20.0	20

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106015	GW015-202	4/12/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	42.1	42.1
KAFB-106015	GW015-202	4/9/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106015	GW015-202	4/9/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106015	GW015-202	4/8/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106015	GW015-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106015	GW015-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106242-418	GW242-418-202	4/9/2020	N	INITIAL	5		KR423	24959-67-9	Bromide	2.3	2.3
KAFB-106242-418	GW242-418-202	4/9/2020	N	INITIAL	200		KR423	14808-79-8	Sulfate	244	244
KAFB-106242-418	GW242-418-202	4/9/2020	N	INITIAL	200		KR423	16887-00-6	Chloride	123	123
KAFB-106242-418	GW242-418-202	4/13/2020	N	INITIAL	2		KR423	NNN	Nitrogen as nitrate + nitrite	3.4	3.4
KAFB-106242-418	GW242-418-202	4/10/2020	N	INITIAL	1		KR423	ALK	Alkalinity, total (as CaCO3)	121	121
KAFB-106242-418	GW242-418-202	4/10/2020	N	INITIAL	1		KR423	ALK-B	Alkalinity, bicarbonate (as CaCO3)	121	121
KAFB-106242-418	GW242-418-202	4/10/2020	N	INITIAL	1		KR423	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106242-418	GW242-418-202	4/12/2020	T	INITIAL	1	SW3005A	KR423	7439-95-4	Magnesium	17.3	17.3
KAFB-106242-418	GW242-418-202	4/12/2020	T	INITIAL	1	SW3005A	KR423	7440-09-7	Potassium	3.83	3.83
KAFB-106242-418	GW242-418-202	4/12/2020	T	INITIAL	1	SW3005A	KR423	7440-23-5	Sodium	36.5	36.5
KAFB-106242-418	GW242-418-202	4/12/2020	T	INITIAL	1	SW3005A	KR423	7440-70-2	Calcium	121	121
KAFB-106242-418	GW242-418-202	4/10/2020	T	INITIAL	1	SW3020A	KR423	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106242-418	GW242-418-202	4/10/2020	T	INITIAL	1	SW3020A	KR423	7440-38-2	Arsenic	0.00092	0.00092
KAFB-106242-418	GW242-418-202	4/8/2020	N	INITIAL	1	METHOD	KR423	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106242-418	GW242-418-202	4/8/2020	D	INITIAL	1	SW3005A	KR423	7439-89-6	Iron	< 0.103	0.103
KAFB-106242-418	GW242-418-202	4/8/2020	D	INITIAL	1	SW3005A	KR423	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106021	GW021-202	4/9/2020	N	INITIAL	5		KR422	14808-79-8	Sulfate	56.5	56.5
KAFB-106021	GW021-202	4/9/2020	N	INITIAL	5		KR422	16887-00-6	Chloride	28.4	28.4
KAFB-106021	GW021-202	4/9/2020	N	INITIAL	5		KR422	24959-67-9	Bromide	< 2.0	2
KAFB-106021	GW021-202	4/9/2020	N	INITIAL	1		KR422	NNN	Nitrogen as nitrate + nitrite	0.45	0.45
KAFB-106021	GW021-202	4/10/2020	N	INITIAL	1		KR422	ALK	Alkalinity, total (as CaCO3)	97.7	97.7
KAFB-106021	GW021-202	4/10/2020	N	INITIAL	1		KR422	ALK-B	Alkalinity, bicarbonate (as CaCO3)	97.7	97.7
KAFB-106021	GW021-202	4/10/2020	N	INITIAL	1		KR422	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106021	GW021-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7439-95-4	Magnesium	4.67	4.67
KAFB-106021	GW021-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-09-7	Potassium	2.42	2.42
KAFB-106021	GW021-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-23-5	Sodium	18.5	18.5
KAFB-106021	GW021-202	4/8/2020	T	INITIAL	1	SW3005A	KR422	7440-70-2	Calcium	38.5	38.5
KAFB-106021	GW021-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7439-92-1	Lead	0.00019	0.00019
KAFB-106021	GW021-202	4/10/2020	T	INITIAL	1	SW3020A	KR422	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106021	GW021-202	4/8/2020	N	INITIAL	1	METHOD	KR422	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106021	GW021-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-89-6	Iron	< 0.103	0.103
KAFB-106021	GW021-202	4/8/2020	D	INITIAL	1	SW3005A	KR422	7439-96-5	Manganese	1.77	1.77
KAFB-106224	GW224-202	4/10/2020	N	INITIAL	5		KR424	14808-79-8	Sulfate	27.3	27.3
KAFB-106224	GW224-202	4/10/2020	N	INITIAL	5		KR424	16887-00-6	Chloride	8.5	8.5
KAFB-106224	GW224-202	4/10/2020	N	INITIAL	5		KR424	24959-67-9	Bromide	< 2.0	2
KAFB-106224	GW224-202	4/13/2020	N	INITIAL	1		KR424	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106224	GW224-202	4/10/2020	N	INITIAL	1		KR424	ALK	Alkalinity, total (as CaCO3)	121	121
KAFB-106224	GW224-202	4/10/2020	N	INITIAL	1		KR424	ALK-B	Alkalinity, bicarbonate (as CaCO3)	121	121
KAFB-106224	GW224-202	4/10/2020	N	INITIAL	1		KR424	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106224	GW224-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7439-95-4	Magnesium	4.36	4.36
KAFB-106224	GW224-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-09-7	Potassium	2.15	2.15
KAFB-106224	GW224-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-23-5	Sodium	26.3	26.3
KAFB-106224	GW224-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-70-2	Calcium	31.7	31.7
KAFB-106224	GW224-202	4/13/2020	T	INITIAL	1	SW3020A	KR424	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106224	GW224-202	4/13/2020	T	INITIAL	1	SW3020A	KR424	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106224	GW224-202	4/11/2020	N	INITIAL	1	METHOD	KR424	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106224	GW224-202	4/12/2020	D	INITIAL	1	SW3005A	KR424	7439-89-6	Iron	< 0.103	0.103
KAFB-106224	GW224-202	4/12/2020	D	INITIAL	1	SW3005A	KR424	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106201	GW201-202	4/10/2020	N	INITIAL	5		KR425	24959-67-9	Bromide	< 2.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106201	GW201-202	4/10/2020	N	INITIAL	50		KR425	14808-79-8	Sulfate	113	113
KAFB-106201	GW201-202	4/10/2020	N	INITIAL	50		KR425	16887-00-6	Chloride	46.0	46
KAFB-106201	GW201-202	4/13/2020	N	INITIAL	1		KR425	NNN	Nitrogen as nitrate + nitrite	1.5	1.5
KAFB-106201	GW201-202	4/15/2020	N	INITIAL	1		KR425	ALK	Alkalinity, total (as CaCO3)	109	109
KAFB-106201	GW201-202	4/15/2020	N	INITIAL	1		KR425	ALK-B	Alkalinity, bicarbonate (as CaCO3)	109	109
KAFB-106201	GW201-202	4/15/2020	N	INITIAL	1		KR425	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106201	GW201-202	4/13/2020	T	INITIAL	1	SW3005A	KR425	7439-95-4	Magnesium	9.13	9.13
KAFB-106201	GW201-202	4/13/2020	T	INITIAL	1	SW3005A	KR425	7440-09-7	Potassium	2.66	2.66
KAFB-106201	GW201-202	4/13/2020	T	INITIAL	1	SW3005A	KR425	7440-23-5	Sodium	30.5	30.5
KAFB-106201	GW201-202	4/13/2020	T	INITIAL	1	SW3005A	KR425	7440-70-2	Calcium	68.7	68.7
KAFB-106201	GW201-202	4/10/2020	T	INITIAL	1	SW3020A	KR425	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106201	GW201-202	4/10/2020	T	INITIAL	1	SW3020A	KR425	7440-38-2	Arsenic	0.00069	0.00069
KAFB-106201	GW201-202	4/11/2020	N	INITIAL	1	METHOD	KR425	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106201	GW201-202	4/12/2020	D	INITIAL	1	SW3005A	KR425	7439-89-6	Iron	< 0.103	0.103
KAFB-106201	GW201-202	4/12/2020	D	INITIAL	1	SW3005A	KR425	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106223	GW223-202	4/10/2020	N	INITIAL	5		KR424	14808-79-8	Sulfate	52.2	52.2
KAFB-106223	GW223-202	4/10/2020	N	INITIAL	5		KR424	24959-67-9	Bromide	< 2.0	2
KAFB-106223	GW223-202	4/14/2020	N	INITIAL	20		KR424	16887-00-6	Chloride	35.4	35.4
KAFB-106223	GW223-202	4/13/2020	N	INITIAL	1		KR424	NNN	Nitrogen as nitrate + nitrite	1.4	1.4
KAFB-106223	GW223-202	4/10/2020	N	INITIAL	1		KR424	ALK	Alkalinity, total (as CaCO3)	108	108
KAFB-106223	GW223-202	4/10/2020	N	INITIAL	1		KR424	ALK-B	Alkalinity, bicarbonate (as CaCO3)	108	108
KAFB-106223	GW223-202	4/10/2020	N	INITIAL	1		KR424	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106223	GW223-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7439-95-4	Magnesium	7.22	7.22
KAFB-106223	GW223-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-09-7	Potassium	2.65	2.65
KAFB-106223	GW223-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-23-5	Sodium	29.2	29.2
KAFB-106223	GW223-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-70-2	Calcium	51.2	51.2
KAFB-106223	GW223-202	4/13/2020	T	INITIAL	1	SW3020A	KR424	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106223	GW223-202	4/13/2020	T	INITIAL	1	SW3020A	KR424	7440-38-2	Arsenic	0.00093	0.00093
KAFB-106223	GW223-202	4/11/2020	N	INITIAL	1	METHOD	KR424	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106223	GW223-202	4/12/2020	D	INITIAL	1	SW3005A	KR424	7439-89-6	Iron	< 0.103	0.103
KAFB-106223	GW223-202	4/12/2020	D	INITIAL	1	SW3005A	KR424	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106202	GW202-202	4/10/2020	N	INITIAL	5		KR424	14808-79-8	Sulfate	39.3	39.3
KAFB-106202	GW202-202	4/10/2020	N	INITIAL	5		KR424	16887-00-6	Chloride	21.1	21.1
KAFB-106202	GW202-202	4/10/2020	N	INITIAL	5		KR424	24959-67-9	Bromide	< 2.0	2
KAFB-106202	GW202-202	4/13/2020	N	INITIAL	1		KR424	NNN	Nitrogen as nitrate + nitrite	0.64	0.64
KAFB-106202	GW202-202	4/10/2020	N	INITIAL	1		KR424	ALK	Alkalinity, total (as CaCO3)	103	103
KAFB-106202	GW202-202	4/10/2020	N	INITIAL	1		KR424	ALK-B	Alkalinity, bicarbonate (as CaCO3)	103	103
KAFB-106202	GW202-202	4/10/2020	N	INITIAL	1		KR424	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106202	GW202-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7439-95-4	Magnesium	5.84	5.84
KAFB-106202	GW202-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-09-7	Potassium	2.33	2.33
KAFB-106202	GW202-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-23-5	Sodium	28.9	28.9
KAFB-106202	GW202-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-70-2	Calcium	42.5	42.5
KAFB-106202	GW202-202	4/13/2020	T	INITIAL	1	SW3020A	KR424	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106202	GW202-202	4/13/2020	T	INITIAL	1	SW3020A	KR424	7440-38-2	Arsenic	0.00088	0.00088
KAFB-106202	GW202-202	4/11/2020	N	INITIAL	1	METHOD	KR424	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106202	GW202-202	4/12/2020	D	INITIAL	1	SW3005A	KR424	7439-89-6	Iron	< 0.103	0.103
KAFB-106202	GW202-202	4/12/2020	D	INITIAL	1	SW3005A	KR424	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106222	GW222-202	4/9/2020	N	INITIAL	5		KR424	14808-79-8	Sulfate	56.8	56.8
KAFB-106222	GW222-202	4/9/2020	N	INITIAL	5		KR424	24959-67-9	Bromide	< 2.0	2
KAFB-106222	GW222-202	4/14/2020	N	INITIAL	20		KR424	16887-00-6	Chloride	67.8	67.8
KAFB-106222	GW222-202	4/13/2020	N	INITIAL	1		KR424	NNN	Nitrogen as nitrate + nitrite	3.5	3.5
KAFB-106222	GW222-202	4/10/2020	N	INITIAL	1		KR424	ALK	Alkalinity, total (as CaCO3)	96.3	96.3
KAFB-106222	GW222-202	4/10/2020	N	INITIAL	1		KR424	ALK-B	Alkalinity, bicarbonate (as CaCO3)	96.3	96.3
KAFB-106222	GW222-202	4/10/2020	N	INITIAL	1		KR424	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106222	GW222-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7439-95-4	Magnesium	8.88	8.88

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106222	GW222-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-09-7	Potassium	3.02	3.02
KAFB-106222	GW222-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-23-5	Sodium	32.8	32.8
KAFB-106222	GW222-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-70-2	Calcium	63.0	63
KAFB-106222	GW222-202	4/13/2020	T	INITIAL	1	SW3020A	KR424	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106222	GW222-202	4/13/2020	T	INITIAL	1	SW3020A	KR424	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106222	GW222-202	4/10/2020	N	INITIAL	1	METHOD	KR424	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106222	GW222-202	4/12/2020	D	INITIAL	1	SW3005A	KR424	7439-89-6	Iron	< 0.103	0.103
KAFB-106222	GW222-202	4/12/2020	D	INITIAL	1	SW3005A	KR424	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106203	GW203-202	4/9/2020	N	INITIAL	5		KR424	14808-79-8	Sulfate	27.7	27.7
KAFB-106203	GW203-202	4/9/2020	N	INITIAL	5		KR424	16887-00-6	Chloride	8.7	8.7
KAFB-106203	GW203-202	4/9/2020	N	INITIAL	5		KR424	24959-67-9	Bromide	< 2.0	2
KAFB-106203	GW203-202	4/13/2020	N	INITIAL	1		KR424	NNN	Nitrogen as nitrate + nitrite	0.080	0.08
KAFB-106203	GW203-202	4/10/2020	N	INITIAL	1		KR424	ALK	Alkalinity, total (as CaCO3)	117	117
KAFB-106203	GW203-202	4/10/2020	N	INITIAL	1		KR424	ALK-B	Alkalinity, bicarbonate (as CaCO3)	117	117
KAFB-106203	GW203-202	4/10/2020	N	INITIAL	1		KR424	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106203	GW203-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7439-95-4	Magnesium	5.04	5.04
KAFB-106203	GW203-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-09-7	Potassium	2.23	2.23
KAFB-106203	GW203-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-23-5	Sodium	21.7	21.7
KAFB-106203	GW203-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-70-2	Calcium	38.5	38.5
KAFB-106203	GW203-202	4/13/2020	T	INITIAL	1	SW3020A	KR424	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106203	GW203-202	4/13/2020	T	INITIAL	1	SW3020A	KR424	7440-38-2	Arsenic	0.00087	0.00087
KAFB-106203	GW203-202	4/11/2020	N	INITIAL	1	METHOD	KR424	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106203	GW203-202	4/12/2020	D	INITIAL	1	SW3005A	KR424	7439-89-6	Iron	< 0.103	0.103
KAFB-106203	GW203-202	4/12/2020	D	INITIAL	1	SW3005A	KR424	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106206	GW206-202	4/10/2020	N	INITIAL	5		KR425	14808-79-8	Sulfate	63.8	63.8
KAFB-106206	GW206-202	4/10/2020	N	INITIAL	5		KR425	24959-67-9	Bromide	1.9	1.9
KAFB-106206	GW206-202	4/10/2020	N	INITIAL	50		KR425	16887-00-6	Chloride	49.9	49.9
KAFB-106206	GW206-202	4/13/2020	N	INITIAL	1		KR425	NNN	Nitrogen as nitrate + nitrite	1.3	1.3
KAFB-106206	GW206-202	4/10/2020	N	INITIAL	1		KR425	ALK	Alkalinity, total (as CaCO3)	93.6	93.6
KAFB-106206	GW206-202	4/10/2020	N	INITIAL	1		KR425	ALK-B	Alkalinity, bicarbonate (as CaCO3)	93.6	93.6
KAFB-106206	GW206-202	4/10/2020	N	INITIAL	1		KR425	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106206	GW206-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7439-95-4	Magnesium	8.12	8.12
KAFB-106206	GW206-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7440-09-7	Potassium	3.12	3.12
KAFB-106206	GW206-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7440-23-5	Sodium	33.4	33.4
KAFB-106206	GW206-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7440-70-2	Calcium	58.5	58.5
KAFB-106206	GW206-202	4/13/2020	T	INITIAL	1	SW3020A	KR425	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106206	GW206-202	4/13/2020	T	INITIAL	1	SW3020A	KR425	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106206	GW206-202	4/11/2020	N	INITIAL	1	METHOD	KR425	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106206	GW206-202	4/12/2020	D	INITIAL	1	SW3005A	KR425	7439-89-6	Iron	< 0.103	0.103
KAFB-106206	GW206-202	4/12/2020	D	INITIAL	1	SW3005A	KR425	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106219	GW219-202	4/10/2020	N	INITIAL	5		KR425	14808-79-8	Sulfate	30.1	30.1
KAFB-106219	GW219-202	4/10/2020	N	INITIAL	5		KR425	16887-00-6	Chloride	10	10
KAFB-106219	GW219-202	4/10/2020	N	INITIAL	5		KR425	24959-67-9	Bromide	< 2.0	2
KAFB-106219	GW219-202	4/13/2020	N	INITIAL	1		KR425	NNN	Nitrogen as nitrate + nitrite	0.13	0.13
KAFB-106219	GW219-202	4/10/2020	N	INITIAL	1		KR425	ALK	Alkalinity, total (as CaCO3)	106	106
KAFB-106219	GW219-202	4/10/2020	N	INITIAL	1		KR425	ALK-B	Alkalinity, bicarbonate (as CaCO3)	106	106
KAFB-106219	GW219-202	4/10/2020	N	INITIAL	1		KR425	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106219	GW219-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7439-95-4	Magnesium	5.54	5.54
KAFB-106219	GW219-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7440-09-7	Potassium	2.29	2.29
KAFB-106219	GW219-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7440-23-5	Sodium	21.2	21.2
KAFB-106219	GW219-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7440-70-2	Calcium	40.8	40.8
KAFB-106219	GW219-202	4/13/2020	T	INITIAL	1	SW3020A	KR425	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106219	GW219-202	4/13/2020	T	INITIAL	1	SW3020A	KR425	7440-38-2	Arsenic	0.00077	0.00077
KAFB-106219	GW219-202	4/11/2020	N	INITIAL	1	METHOD	KR425	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106219	GW219-202	4/12/2020	D	INITIAL	1	SW3005A	KR425	7439-89-6	Iron	< 0.103	0.103

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106219	GW219-202	4/12/2020	D	INITIAL	1	SW3005A	KR425	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106205	GW205-202	4/10/2020	N	INITIAL	5		KR425	14808-79-8	Sulfate	51.6	51.6
KAFB-106205	GW205-202	4/10/2020	N	INITIAL	5		KR425	24959-67-9	Bromide	< 2.0	2
KAFB-106205	GW205-202	4/10/2020	N	INITIAL	50		KR425	16887-00-6	Chloride	38.4	38.4
KAFB-106205	GW205-202	4/13/2020	N	INITIAL	1		KR425	NNN	Nitrogen as nitrate + nitrite	0.88	0.88
KAFB-106205	GW205-202	4/15/2020	N	INITIAL	1		KR425	ALK	Alkalinity, total (as CaCO3)	104	104
KAFB-106205	GW205-202	4/15/2020	N	INITIAL	1		KR425	ALK-B	Alkalinity, bicarbonate (as CaCO3)	104	104
KAFB-106205	GW205-202	4/15/2020	N	INITIAL	1		KR425	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106205	GW205-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7439-95-4	Magnesium	7.33	7.33
KAFB-106205	GW205-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7440-09-7	Potassium	3.17	3.17
KAFB-106205	GW205-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7440-23-5	Sodium	31.7	31.7
KAFB-106205	GW205-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7440-70-2	Calcium	52.5	52.5
KAFB-106205	GW205-202	4/13/2020	T	INITIAL	1	SW3020A	KR425	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106205	GW205-202	4/13/2020	T	INITIAL	1	SW3020A	KR425	7440-38-2	Arsenic	0.00069	0.00069
KAFB-106205	GW205-202	4/11/2020	N	INITIAL	1	METHOD	KR425	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106205	GW205-202	4/12/2020	D	INITIAL	1	SW3005A	KR425	7439-89-6	Iron	< 0.103	0.103
KAFB-106205	GW205-202	4/12/2020	D	INITIAL	1	SW3005A	KR425	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106220	GW220-202	4/10/2020	N	INITIAL	5		KR425	14808-79-8	Sulfate	29.7	29.7
KAFB-106220	GW220-202	4/10/2020	N	INITIAL	5		KR425	16887-00-6	Chloride	9.1	9.1
KAFB-106220	GW220-202	4/10/2020	N	INITIAL	5		KR425	24959-67-9	Bromide	< 2.0	2
KAFB-106220	GW220-202	4/13/2020	N	INITIAL	1		KR425	NNN	Nitrogen as nitrate + nitrite	0.74	0.74
KAFB-106220	GW220-202	4/10/2020	N	INITIAL	1		KR425	ALK	Alkalinity, total (as CaCO3)	116	116
KAFB-106220	GW220-202	4/10/2020	N	INITIAL	1		KR425	ALK-B	Alkalinity, bicarbonate (as CaCO3)	116	116
KAFB-106220	GW220-202	4/10/2020	N	INITIAL	1		KR425	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106220	GW220-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7439-95-4	Magnesium	5.35	5.35
KAFB-106220	GW220-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7440-09-7	Potassium	2.33	2.33
KAFB-106220	GW220-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7440-23-5	Sodium	21.3	21.3
KAFB-106220	GW220-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7440-70-2	Calcium	40.3	40.3
KAFB-106220	GW220-202	4/10/2020	T	INITIAL	1	SW3020A	KR425	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106220	GW220-202	4/10/2020	T	INITIAL	1	SW3020A	KR425	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106220	GW220-202	4/11/2020	N	INITIAL	1	METHOD	KR425	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106220	GW220-202	4/12/2020	D	INITIAL	1	SW3005A	KR425	7439-89-6	Iron	< 0.103	0.103
KAFB-106220	GW220-202	4/12/2020	D	INITIAL	1	SW3005A	KR425	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106221	GW221-202	4/10/2020	N	INITIAL	5		KR425	14808-79-8	Sulfate	30.0	30
KAFB-106221	GW221-202	4/10/2020	N	INITIAL	5		KR425	16887-00-6	Chloride	8.8	8.8
KAFB-106221	GW221-202	4/10/2020	N	INITIAL	5		KR425	24959-67-9	Bromide	< 2.0	2
KAFB-106221	GW221-202	4/13/2020	N	INITIAL	1		KR425	NNN	Nitrogen as nitrate + nitrite	0.062	0.062
KAFB-106221	GW221-202	4/15/2020	N	INITIAL	1		KR425	ALK	Alkalinity, total (as CaCO3)	111	111
KAFB-106221	GW221-202	4/15/2020	N	INITIAL	1		KR425	ALK-B	Alkalinity, bicarbonate (as CaCO3)	111	111
KAFB-106221	GW221-202	4/15/2020	N	INITIAL	1		KR425	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106221	GW221-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7439-95-4	Magnesium	4.65	4.65
KAFB-106221	GW221-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7440-09-7	Potassium	2.07	2.07
KAFB-106221	GW221-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7440-23-5	Sodium	21.7	21.7
KAFB-106221	GW221-202	4/14/2020	T	INITIAL	1	SW3005A	KR425	7440-70-2	Calcium	35.7	35.7
KAFB-106221	GW221-202	4/10/2020	T	INITIAL	1	SW3020A	KR425	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106221	GW221-202	4/10/2020	T	INITIAL	1	SW3020A	KR425	7440-38-2	Arsenic	0.00073	0.00073
KAFB-106221	GW221-202	4/11/2020	N	INITIAL	1	METHOD	KR425	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106221	GW221-202	4/12/2020	D	INITIAL	1	SW3005A	KR425	7439-89-6	Iron	< 0.103	0.103
KAFB-106221	GW221-202	4/12/2020	D	INITIAL	1	SW3005A	KR425	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106204	GW204-202	4/9/2020	N	INITIAL	5		KR424	14808-79-8	Sulfate	47.1	47.1
KAFB-106204	GW204-202	4/9/2020	N	INITIAL	5		KR424	24959-67-9	Bromide	< 2.0	2
KAFB-106204	GW204-202	4/9/2020	N	INITIAL	50		KR424	16887-00-6	Chloride	57.6	57.6
KAFB-106204	GW204-202	4/13/2020	N	INITIAL	1		KR424	NNN	Nitrogen as nitrate + nitrite	1.4	1.4
KAFB-106204	GW204-202	4/10/2020	N	INITIAL	1		KR424	ALK	Alkalinity, total (as CaCO3)	101	101
KAFB-106204	GW204-202	4/10/2020	N	INITIAL	1		KR424	ALK-B	Alkalinity, bicarbonate (as CaCO3)	101	101

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106204	GW204-202	4/10/2020	N	INITIAL	1		KR424	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106204	GW204-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7439-95-4	Magnesium	9.12	9.12
KAFB-106204	GW204-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-09-7	Potassium	3.24	3.24
KAFB-106204	GW204-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-23-5	Sodium	33.3	33.3
KAFB-106204	GW204-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-70-2	Calcium	64.6	64.6
KAFB-106204	GW204-202	4/13/2020	T	INITIAL	1	SW3020A	KR424	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106204	GW204-202	4/13/2020	T	INITIAL	1	SW3020A	KR424	7440-38-2	Arsenic	0.00098	0.00098
KAFB-106204	GW204-202	4/11/2020	N	INITIAL	1	METHOD	KR424	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106204	GW204-202	4/12/2020	D	INITIAL	1	SW3005A	KR424	7439-89-6	Iron	< 0.103	0.103
KAFB-106204	GW204-202	4/12/2020	D	INITIAL	1	SW3005A	KR424	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106055	GW055-202	4/10/2020	N	INITIAL	5		KR425	14808-79-8	Sulfate	56.8	56.8
KAFB-106055	GW055-202	4/10/2020	N	INITIAL	5		KR425	24959-67-9	Bromide	< 2.0	2
KAFB-106055	GW055-202	4/10/2020	N	INITIAL	50		KR425	16887-00-6	Chloride	45.2	45.2
KAFB-106055	GW055-202	4/13/2020	N	INITIAL	1		KR425	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106055	GW055-202	4/15/2020	N	INITIAL	1		KR425	ALK	Alkalinity, total (as CaCO3)	131	131
KAFB-106055	GW055-202	4/15/2020	N	INITIAL	1		KR425	ALK-B	Alkalinity, bicarbonate (as CaCO3)	131	131
KAFB-106055	GW055-202	4/15/2020	N	INITIAL	1		KR425	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106055	GW055-202	4/13/2020	T	INITIAL	1	SW3005A	KR425	7439-95-4	Magnesium	8.69	8.69
KAFB-106055	GW055-202	4/13/2020	T	INITIAL	1	SW3005A	KR425	7440-09-7	Potassium	2.80	2.8
KAFB-106055	GW055-202	4/13/2020	T	INITIAL	1	SW3005A	KR425	7440-23-5	Sodium	29.9	29.9
KAFB-106055	GW055-202	4/13/2020	T	INITIAL	1	SW3005A	KR425	7440-70-2	Calcium	62.2	62.2
KAFB-106055	GW055-202	4/10/2020	T	INITIAL	1	SW3020A	KR425	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106055	GW055-202	4/10/2020	T	INITIAL	1	SW3020A	KR425	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106055	GW055-202	4/11/2020	N	INITIAL	1	METHOD	KR425	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106055	GW055-202	4/12/2020	D	INITIAL	1	SW3005A	KR425	7439-89-6	Iron	< 0.103	0.103
KAFB-106055	GW055-202	4/12/2020	D	INITIAL	1	SW3005A	KR425	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106218	GW218-202	4/9/2020	N	INITIAL	5		KR424	14808-79-8	Sulfate	26.8	26.8
KAFB-106218	GW218-202	4/9/2020	N	INITIAL	5		KR424	16887-00-6	Chloride	7.6	7.6
KAFB-106218	GW218-202	4/9/2020	N	INITIAL	5		KR424	24959-67-9	Bromide	< 2.0	2
KAFB-106218	GW218-202	4/13/2020	N	INITIAL	1		KR424	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106218	GW218-202	4/10/2020	N	INITIAL	1		KR424	ALK	Alkalinity, total (as CaCO3)	96.4	96.4
KAFB-106218	GW218-202	4/10/2020	N	INITIAL	1		KR424	ALK-B	Alkalinity, bicarbonate (as CaCO3)	96.4	96.4
KAFB-106218	GW218-202	4/10/2020	N	INITIAL	1		KR424	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106218	GW218-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7439-95-4	Magnesium	4.64	4.64
KAFB-106218	GW218-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-09-7	Potassium	2.25	2.25
KAFB-106218	GW218-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-23-5	Sodium	23.7	23.7
KAFB-106218	GW218-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-70-2	Calcium	35.8	35.8
KAFB-106218	GW218-202	4/13/2020	T	INITIAL	1	SW3020A	KR424	7439-92-1	Lead	0.000089	0.000089
KAFB-106218	GW218-202	4/13/2020	T	INITIAL	1	SW3020A	KR424	7440-38-2	Arsenic	0.00069	0.00069
KAFB-106218	GW218-202	4/10/2020	N	INITIAL	1	METHOD	KR424	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106218	GW218-202	4/12/2020	D	INITIAL	1	SW3005A	KR424	7439-89-6	Iron	< 0.103	0.103
KAFB-106218	GW218-202	4/12/2020	D	INITIAL	1	SW3005A	KR424	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106057	GW057-202	4/10/2020	N	INITIAL	5		KR425	14808-79-8	Sulfate	35.0	35
KAFB-106057	GW057-202	4/10/2020	N	INITIAL	5		KR425	16887-00-6	Chloride	12.1	12.1
KAFB-106057	GW057-202	4/10/2020	N	INITIAL	5		KR425	24959-67-9	Bromide	< 2.0	2
KAFB-106057	GW057-202	4/13/2020	N	INITIAL	1		KR425	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106057	GW057-202	4/10/2020	N	INITIAL	1		KR425	ALK	Alkalinity, total (as CaCO3)	119	119
KAFB-106057	GW057-202	4/10/2020	N	INITIAL	1		KR425	ALK-B	Alkalinity, bicarbonate (as CaCO3)	119	119
KAFB-106057	GW057-202	4/10/2020	N	INITIAL	1		KR425	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106057	GW057-202	4/13/2020	T	INITIAL	1	SW3005A	KR425	7439-95-4	Magnesium	5.57	5.57
KAFB-106057	GW057-202	4/13/2020	T	INITIAL	1	SW3005A	KR425	7440-09-7	Potassium	2.38	2.38
KAFB-106057	GW057-202	4/13/2020	T	INITIAL	1	SW3005A	KR425	7440-23-5	Sodium	23.8	23.8
KAFB-106057	GW057-202	4/13/2020	T	INITIAL	1	SW3005A	KR425	7440-70-2	Calcium	40.3	40.3
KAFB-106057	GW057-202	4/13/2020	T	INITIAL	1	SW3020A	KR425	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106057	GW057-202	4/13/2020	T	INITIAL	1	SW3020A	KR425	7440-38-2	Arsenic	0.00080	0.0008

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106057	GW057-202	4/11/2020	N	INITIAL	1	METHOD	KR425	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106057	GW057-202	4/12/2020	D	INITIAL	1	SW3005A	KR425	7439-89-6	Iron	< 0.103	0.103
KAFB-106057	GW057-202	4/12/2020	D	INITIAL	1	SW3005A	KR425	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106217	GW217-202	4/9/2020	N	INITIAL	5		KR424	14808-79-8	Sulfate	40.6	40.6
KAFB-106217	GW217-202	4/9/2020	N	INITIAL	5		KR424	24959-67-9	Bromide	< 2.0	2
KAFB-106217	GW217-202	4/9/2020	N	INITIAL	10		KR424	16887-00-6	Chloride	37.2	37.2
KAFB-106217	GW217-202	4/13/2020	N	INITIAL	1		KR424	NNN	Nitrogen as nitrate + nitrite	0.85	0.85
KAFB-106217	GW217-202	4/10/2020	N	INITIAL	1		KR424	ALK	Alkalinity, total (as CaCO3)	109	109
KAFB-106217	GW217-202	4/10/2020	N	INITIAL	1		KR424	ALK-B	Alkalinity, bicarbonate (as CaCO3)	109	109
KAFB-106217	GW217-202	4/10/2020	N	INITIAL	1		KR424	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106217	GW217-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7439-95-4	Magnesium	6.58	6.58
KAFB-106217	GW217-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-09-7	Potassium	2.53	2.53
KAFB-106217	GW217-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-23-5	Sodium	25.0	25
KAFB-106217	GW217-202	4/14/2020	T	INITIAL	1	SW3005A	KR424	7440-70-2	Calcium	52.1	52.1
KAFB-106217	GW217-202	4/13/2020	T	INITIAL	1	SW3020A	KR424	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106217	GW217-202	4/13/2020	T	INITIAL	1	SW3020A	KR424	7440-38-2	Arsenic	0.00076	0.00076
KAFB-106217	GW217-202	4/10/2020	N	INITIAL	1	METHOD	KR424	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106217	GW217-202	4/12/2020	D	INITIAL	1	SW3005A	KR424	7439-89-6	Iron	< 0.103	0.103
KAFB-106217	GW217-202	4/12/2020	D	INITIAL	1	SW3005A	KR424	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106229	GW229-202	4/11/2020	N	INITIAL	1	METHOD	KR424	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106216	GW216-202	4/10/2020	N	INITIAL	5		KR425	14808-79-8	Sulfate	40.9	40.9
KAFB-106216	GW216-202	4/10/2020	N	INITIAL	5		KR425	24959-67-9	Bromide	1.9	1.9
KAFB-106216	GW216-202	4/10/2020	N	INITIAL	100		KR425	16887-00-6	Chloride	66.3	66.3
KAFB-106216	GW216-202	4/13/2020	N	INITIAL	1		KR425	NNN	Nitrogen as nitrate + nitrite	1.6	1.6
KAFB-106216	GW216-202	4/15/2020	N	INITIAL	1		KR425	ALK	Alkalinity, total (as CaCO3)	93.5	93.5
KAFB-106216	GW216-202	4/15/2020	N	INITIAL	1		KR425	ALK-B	Alkalinity, bicarbonate (as CaCO3)	93.5	93.5
KAFB-106216	GW216-202	4/15/2020	N	INITIAL	1		KR425	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106216	GW216-202	4/13/2020	T	INITIAL	1	SW3005A	KR425	7439-95-4	Magnesium	7.55	7.55
KAFB-106216	GW216-202	4/13/2020	T	INITIAL	1	SW3005A	KR425	7440-09-7	Potassium	2.55	2.55
KAFB-106216	GW216-202	4/13/2020	T	INITIAL	1	SW3005A	KR425	7440-23-5	Sodium	24.7	24.7
KAFB-106216	GW216-202	4/13/2020	T	INITIAL	1	SW3005A	KR425	7440-70-2	Calcium	58.2	58.2
KAFB-106216	GW216-202	4/10/2020	T	INITIAL	1	SW3020A	KR425	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106216	GW216-202	4/10/2020	T	INITIAL	1	SW3020A	KR425	7440-38-2	Arsenic	0.00072	0.00072
KAFB-106216	GW216-202	4/11/2020	N	INITIAL	1	METHOD	KR425	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106216	GW216-202	4/9/2020	D	INITIAL	1	SW3005A	KR425	7439-89-6	Iron	< 0.103	0.103
KAFB-106216	GW216-202	4/9/2020	D	INITIAL	1	SW3005A	KR425	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106052	GW052-202	4/12/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	1.9	1.9
KAFB-106052	GW052-202	4/12/2020	N	INITIAL	50		KR426	14808-79-8	Sulfate	170	170
KAFB-106052	GW052-202	4/12/2020	N	INITIAL	50		KR426	16887-00-6	Chloride	77.3	77.3
KAFB-106052	GW052-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	2.8	2.8
KAFB-106052	GW052-202	4/15/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	85.1	85.1
KAFB-106052	GW052-202	4/15/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	85.1	85.1
KAFB-106052	GW052-202	4/15/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106052	GW052-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	13.7	13.7
KAFB-106052	GW052-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	3.77	3.77
KAFB-106052	GW052-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	31.6	31.6
KAFB-106052	GW052-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	97.1	97.1
KAFB-106052	GW052-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106052	GW052-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.00077	0.00077
KAFB-106052	GW052-202	4/14/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106052	GW052-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106052	GW052-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106032	GW032-202	4/13/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106032	GW032-202	4/13/2020	N	INITIAL	50		KR426	14808-79-8	Sulfate	107	107
KAFB-106032	GW032-202	4/13/2020	N	INITIAL	50		KR426	16887-00-6	Chloride	63.2	63.2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106032	GW032-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	1.7	1.7
KAFB-106032	GW032-202	4/16/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	67.7	67.7
KAFB-106032	GW032-202	4/16/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	67.7	67.7
KAFB-106032	GW032-202	4/16/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106032	GW032-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	10.3	10.3
KAFB-106032	GW032-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	2.89	2.89
KAFB-106032	GW032-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	25.7	25.7
KAFB-106032	GW032-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	68.2	68.2
KAFB-106032	GW032-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106032	GW032-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.0010	0.001
KAFB-106032	GW032-202	4/13/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106032	GW032-202	4/16/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106032	GW032-202	4/16/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106053	GW053-202	4/12/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	1.9	1.9
KAFB-106053	GW053-202	4/12/2020	N	INITIAL	50		KR426	14808-79-8	Sulfate	101	101
KAFB-106053	GW053-202	4/12/2020	N	INITIAL	50		KR426	16887-00-6	Chloride	64.1	64.1
KAFB-106053	GW053-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	2.1	2.1
KAFB-106053	GW053-202	4/16/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	89.8	89.8
KAFB-106053	GW053-202	4/16/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	89.8	89.8
KAFB-106053	GW053-202	4/16/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106053	GW053-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	27.5	27.5
KAFB-106053	GW053-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	70.5	70.5
KAFB-106053	GW053-202	4/17/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	10.3	10.3
KAFB-106053	GW053-202	4/17/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	3.25	3.25
KAFB-106053	GW053-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106053	GW053-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.00089	0.00089
KAFB-106053	GW053-202	4/14/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106053	GW053-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106053	GW053-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106033	GW033-202	4/13/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106033	GW033-202	4/13/2020	N	INITIAL	50		KR426	14808-79-8	Sulfate	75.5	75.5
KAFB-106033	GW033-202	4/13/2020	N	INITIAL	50		KR426	16887-00-6	Chloride	56.3	56.3
KAFB-106033	GW033-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	1.6	1.6
KAFB-106033	GW033-202	4/16/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	79.9	79.9
KAFB-106033	GW033-202	4/16/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	79.9	79.9
KAFB-106033	GW033-202	4/16/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106033	GW033-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	9.08	9.08
KAFB-106033	GW033-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	2.54	2.54
KAFB-106033	GW033-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	20.4	20.4
KAFB-106033	GW033-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	62.3	62.3
KAFB-106033	GW033-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106033	GW033-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.00072	0.00072
KAFB-106033	GW033-202	4/14/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106033	GW033-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106033	GW033-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106054	GW054-202	4/12/2020	N	INITIAL	5		KR426	14808-79-8	Sulfate	56.2	56.2
KAFB-106054	GW054-202	4/12/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106054	GW054-202	4/13/2020	N	INITIAL	50		KR426	16887-00-6	Chloride	56.8	56.8
KAFB-106054	GW054-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	1.7	1.7
KAFB-106054	GW054-202	4/14/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	88.6	88.6
KAFB-106054	GW054-202	4/14/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	88.6	88.6
KAFB-106054	GW054-202	4/14/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106054	GW054-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	8.49	8.49
KAFB-106054	GW054-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	3.21	3.21
KAFB-106054	GW054-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	25.1	25.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106054	GW054-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	61.5	61.5
KAFB-106054	GW054-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	0.000080	0.00008
KAFB-106054	GW054-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.00075	0.00075
KAFB-106054	GW054-202	4/11/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106054	GW054-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106054	GW054-202	4/15/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106034	GW034-202	4/13/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106034	GW034-202	4/13/2020	N	INITIAL	50		KR426	14808-79-8	Sulfate	96.8	96.8
KAFB-106034	GW034-202	4/13/2020	N	INITIAL	50		KR426	16887-00-6	Chloride	56.9	56.9
KAFB-106034	GW034-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	1.2	1.2
KAFB-106034	GW034-202	4/16/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	91.5	91.5
KAFB-106034	GW034-202	4/16/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	91.5	91.5
KAFB-106034	GW034-202	4/16/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106034	GW034-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	9.40	9.4
KAFB-106034	GW034-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	2.90	2.9
KAFB-106034	GW034-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	23.9	23.9
KAFB-106034	GW034-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	63.1	63.1
KAFB-106034	GW034-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106034	GW034-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106034	GW034-202	4/14/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106034	GW034-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106034	GW034-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106025	GW025-202	4/13/2020	N	INITIAL	5		KR426	14808-79-8	Sulfate	59.0	59
KAFB-106025	GW025-202	4/13/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106025	GW025-202	4/13/2020	N	INITIAL	50		KR426	16887-00-6	Chloride	57.3	57.3
KAFB-106025	GW025-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	1.5	1.5
KAFB-106025	GW025-202	4/15/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	94.8	94.8
KAFB-106025	GW025-202	4/15/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	94.8	94.8
KAFB-106025	GW025-202	4/15/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106025	GW025-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	8.40	8.4
KAFB-106025	GW025-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	3.00	3
KAFB-106025	GW025-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	26.2	26.2
KAFB-106025	GW025-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	58.2	58.2
KAFB-106025	GW025-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	0.00046	0.00046
KAFB-106025	GW025-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.0010	0.001
KAFB-106025	GW025-202	4/11/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106025	GW025-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106025	GW025-202	4/15/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106215	GW215-202	4/13/2020	N	INITIAL	5		KR426	14808-79-8	Sulfate	28.9	28.9
KAFB-106215	GW215-202	4/13/2020	N	INITIAL	5		KR426	16887-00-6	Chloride	10.3	10.3
KAFB-106215	GW215-202	4/13/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106215	GW215-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106215	GW215-202	4/16/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	105	105
KAFB-106215	GW215-202	4/16/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	105	105
KAFB-106215	GW215-202	4/16/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106215	GW215-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	4.35	4.35
KAFB-106215	GW215-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	1.87	1.87
KAFB-106215	GW215-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	24.1	24.1
KAFB-106215	GW215-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	31.3	31.3
KAFB-106215	GW215-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	0.000075	0.000075
KAFB-106215	GW215-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.0010	0.001
KAFB-106215	GW215-202	4/13/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106215	GW215-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106215	GW215-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106107	GW107-202	4/13/2020	N	INITIAL	5		KR426	14808-79-8	Sulfate	55.8	55.8

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106107	GW107-202	4/13/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106107	GW107-202	4/13/2020	N	INITIAL	50		KR426	16887-00-6	Chloride	34.6	34.6
KAFB-106107	GW107-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	0.72	0.72
KAFB-106107	GW107-202	4/16/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	99.5	99.5
KAFB-106107	GW107-202	4/16/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	99.5	99.5
KAFB-106107	GW107-202	4/16/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106107	GW107-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	6.89	6.89
KAFB-106107	GW107-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	2.57	2.57
KAFB-106107	GW107-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	24.1	24.1
KAFB-106107	GW107-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	49.4	49.4
KAFB-106107	GW107-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106107	GW107-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.00093	0.00093
KAFB-106107	GW107-202	4/13/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106107	GW107-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106107	GW107-202	4/15/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106214	GW214-202	4/13/2020	N	INITIAL	5		KR426	14808-79-8	Sulfate	42.7	42.7
KAFB-106214	GW214-202	4/13/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106214	GW214-202	4/13/2020	N	INITIAL	50		KR426	16887-00-6	Chloride	46.2	46.2
KAFB-106214	GW214-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	0.86	0.86
KAFB-106214	GW214-202	4/16/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	105	105
KAFB-106214	GW214-202	4/16/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	105	105
KAFB-106214	GW214-202	4/16/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106214	GW214-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	5.69	5.69
KAFB-106214	GW214-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	2.20	2.2
KAFB-106214	GW214-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	26.5	26.5
KAFB-106214	GW214-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	41.3	41.3
KAFB-106214	GW214-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106214	GW214-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.00085	0.00085
KAFB-106214	GW214-202	4/13/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106214	GW214-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106214	GW214-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106105	GW105-202	4/13/2020	N	INITIAL	5		KR426	14808-79-8	Sulfate	60.6	60.6
KAFB-106105	GW105-202	4/13/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106105	GW105-202	4/13/2020	N	INITIAL	50		KR426	16887-00-6	Chloride	54.3	54.3
KAFB-106105	GW105-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	1.4	1.4
KAFB-106105	GW105-202	4/15/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	92.1	92.1
KAFB-106105	GW105-202	4/15/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	92.1	92.1
KAFB-106105	GW105-202	4/15/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106105	GW105-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	7.99	7.99
KAFB-106105	GW105-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	2.85	2.85
KAFB-106105	GW105-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	25.3	25.3
KAFB-106105	GW105-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	58.9	58.9
KAFB-106105	GW105-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	0.00010	0.0001
KAFB-106105	GW105-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106105	GW105-202	4/13/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106105	GW105-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106105	GW105-202	4/15/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106213	GW213-202	4/12/2020	N	INITIAL	5		KR426	14808-79-8	Sulfate	33.4	33.4
KAFB-106213	GW213-202	4/12/2020	N	INITIAL	5		KR426	16887-00-6	Chloride	18.1	18.1
KAFB-106213	GW213-202	4/12/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106213	GW213-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	0.40	0.4
KAFB-106213	GW213-202	4/16/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	103	103
KAFB-106213	GW213-202	4/16/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	103	103
KAFB-106213	GW213-202	4/16/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106213	GW213-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	5.27	5.27

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106213	GW213-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	27.2	27.2
KAFB-106213	GW213-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	37.9	37.9
KAFB-106213	GW213-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	< 0.375	0.375
KAFB-106213	GW213-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	0.000094	0.000094
KAFB-106213	GW213-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.00095	0.00095
KAFB-106213	GW213-202	4/14/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106213	GW213-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106213	GW213-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106106	GW106-202	4/12/2020	N	INITIAL	5		KR426	14808-79-8	Sulfate	65.1	65.1
KAFB-106106	GW106-202	4/12/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106106	GW106-202	4/12/2020	N	INITIAL	50		KR426	16887-00-6	Chloride	46.4	46.4
KAFB-106106	GW106-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106106	GW106-202	4/16/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	99.1	99.1
KAFB-106106	GW106-202	4/16/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	99.1	99.1
KAFB-106106	GW106-202	4/16/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106106	GW106-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	7.65	7.65
KAFB-106106	GW106-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	2.99	2.99
KAFB-106106	GW106-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	25.7	25.7
KAFB-106106	GW106-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	54.9	54.9
KAFB-106106	GW106-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106106	GW106-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.00092	0.00092
KAFB-106106	GW106-202	4/11/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	0.022	0.022
KAFB-106106	GW106-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106106	GW106-202	4/15/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106106	GW106-602	4/12/2020	N	INITIAL	5		KR426	14808-79-8	Sulfate	60.9	60.9
KAFB-106106	GW106-602	4/12/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106106	GW106-602	4/12/2020	N	INITIAL	50		KR426	16887-00-6	Chloride	44.2	44.2
KAFB-106106	GW106-602	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	1.2	1.2
KAFB-106106	GW106-602	4/14/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	99.9	99.9
KAFB-106106	GW106-602	4/14/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	99.9	99.9
KAFB-106106	GW106-602	4/14/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106106	GW106-602	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	7.91	7.91
KAFB-106106	GW106-602	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	3.06	3.06
KAFB-106106	GW106-602	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	26.4	26.4
KAFB-106106	GW106-602	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	56.7	56.7
KAFB-106106	GW106-602	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106106	GW106-602	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.0010	0.001
KAFB-106106	GW106-602	4/11/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	0.022	0.022
KAFB-106106	GW106-602	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106106	GW106-602	4/15/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106037	GW037-202	4/13/2020	N	INITIAL	5		KR426	14808-79-8	Sulfate	42.2	42.2
KAFB-106037	GW037-202	4/13/2020	N	INITIAL	5		KR426	16887-00-6	Chloride	17.7	17.7
KAFB-106037	GW037-202	4/13/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106037	GW037-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	0.32	0.32
KAFB-106037	GW037-202	4/15/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	104	104
KAFB-106037	GW037-202	4/15/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	104	104
KAFB-106037	GW037-202	4/15/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106037	GW037-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	6.15	6.15
KAFB-106037	GW037-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	2.41	2.41
KAFB-106037	GW037-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	25.3	25.3
KAFB-106037	GW037-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	43.8	43.8
KAFB-106037	GW037-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106037	GW037-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.00092	0.00092
KAFB-106037	GW037-202	4/11/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106037	GW037-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106037	GW037-202	4/15/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106037	GW037-602	4/13/2020	N	INITIAL	5		KR426	14808-79-8	Sulfate	38.1	38.1
KAFB-106037	GW037-602	4/13/2020	N	INITIAL	5		KR426	16887-00-6	Chloride	16.4	16.4
KAFB-106037	GW037-602	4/13/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106037	GW037-602	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	0.35	0.35
KAFB-106037	GW037-602	4/15/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	106	106
KAFB-106037	GW037-602	4/15/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	106	106
KAFB-106037	GW037-602	4/15/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106037	GW037-602	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	5.82	5.82
KAFB-106037	GW037-602	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	2.10	2.1
KAFB-106037	GW037-602	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	22.5	22.5
KAFB-106037	GW037-602	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	41.3	41.3
KAFB-106037	GW037-602	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106037	GW037-602	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.00073	0.00073
KAFB-106037	GW037-602	4/11/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106037	GW037-602	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106037	GW037-602	4/15/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106092	GW092-202	4/13/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106092	GW092-202	4/13/2020	N	INITIAL	50		KR426	14808-79-8	Sulfate	103	103
KAFB-106092	GW092-202	4/13/2020	N	INITIAL	50		KR426	16887-00-6	Chloride	80.2	80.2
KAFB-106092	GW092-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	2.1	2.1
KAFB-106092	GW092-202	4/16/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	92.5	92.5
KAFB-106092	GW092-202	4/16/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	92.5	92.5
KAFB-106092	GW092-202	4/16/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106092	GW092-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	11.1	11.1
KAFB-106092	GW092-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	3.28	3.28
KAFB-106092	GW092-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	30.5	30.5
KAFB-106092	GW092-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	79.6	79.6
KAFB-106092	GW092-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106092	GW092-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106092	GW092-202	4/13/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106092	GW092-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106092	GW092-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106036	GW036-202	4/12/2020	N	INITIAL	5		KR426	14808-79-8	Sulfate	41.6	41.6
KAFB-106036	GW036-202	4/12/2020	N	INITIAL	5		KR426	16887-00-6	Chloride	14.2	14.2
KAFB-106036	GW036-202	4/12/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106036	GW036-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	0.15	0.15
KAFB-106036	GW036-202	4/16/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	118	118
KAFB-106036	GW036-202	4/16/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	118	118
KAFB-106036	GW036-202	4/16/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106036	GW036-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	6.22	6.22
KAFB-106036	GW036-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	2.33	2.33
KAFB-106036	GW036-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	25.6	25.6
KAFB-106036	GW036-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	44.1	44.1
KAFB-106036	GW036-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106036	GW036-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106036	GW036-202	4/14/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	0.063	0.063
KAFB-106036	GW036-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106036	GW036-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106093	GW093-202	4/13/2020	N	INITIAL	5		KR426	14808-79-8	Sulfate	45.1	45.1
KAFB-106093	GW093-202	4/13/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106093	GW093-202	4/13/2020	N	INITIAL	50		KR426	16887-00-6	Chloride	33.3	33.3
KAFB-106093	GW093-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	0.80	0.8
KAFB-106093	GW093-202	4/16/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	98.9	98.9
KAFB-106093	GW093-202	4/16/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	98.9	98.9

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106093	GW093-202	4/16/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106093	GW093-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	5.83	5.83
KAFB-106093	GW093-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	2.45	2.45
KAFB-106093	GW093-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	27.7	27.7
KAFB-106093	GW093-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	41.8	41.8
KAFB-106093	GW093-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106093	GW093-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106093	GW093-202	4/13/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106093	GW093-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106093	GW093-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106035	GW035-202	4/12/2020	N	INITIAL	5		KR426	14808-79-8	Sulfate	42.2	42.2
KAFB-106035	GW035-202	4/12/2020	N	INITIAL	5		KR426	16887-00-6	Chloride	15.4	15.4
KAFB-106035	GW035-202	4/12/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106035	GW035-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106035	GW035-202	4/16/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	132	132
KAFB-106035	GW035-202	4/16/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	132	132
KAFB-106035	GW035-202	4/16/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106035	GW035-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	6.00	6
KAFB-106035	GW035-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	25.3	25.3
KAFB-106035	GW035-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	43.3	43.3
KAFB-106035	GW035-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	< 0.375	0.375
KAFB-106035	GW035-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106035	GW035-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.00086	0.00086
KAFB-106035	GW035-202	4/14/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	0.093	0.093
KAFB-106035	GW035-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106035	GW035-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106091	GW091-202	4/12/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	2.0	2
KAFB-106091	GW091-202	4/12/2020	N	INITIAL	50		KR426	14808-79-8	Sulfate	114	114
KAFB-106091	GW091-202	4/12/2020	N	INITIAL	50		KR426	16887-00-6	Chloride	72.2	72.2
KAFB-106091	GW091-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	2.2	2.2
KAFB-106091	GW091-202	4/16/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	94.5	94.5
KAFB-106091	GW091-202	4/16/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	94.5	94.5
KAFB-106091	GW091-202	4/16/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106091	GW091-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	10.8	10.8
KAFB-106091	GW091-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	3.27	3.27
KAFB-106091	GW091-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	29.4	29.4
KAFB-106091	GW091-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	77.3	77.3
KAFB-106091	GW091-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106091	GW091-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.00070	0.0007
KAFB-106091	GW091-202	4/14/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106091	GW091-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106091	GW091-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106091	GW091-602	4/12/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	2.1	2.1
KAFB-106091	GW091-602	4/12/2020	N	INITIAL	50		KR426	14808-79-8	Sulfate	110	110
KAFB-106091	GW091-602	4/12/2020	N	INITIAL	50		KR426	16887-00-6	Chloride	69.5	69.5
KAFB-106091	GW091-602	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	2.3	2.3
KAFB-106091	GW091-602	4/16/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	95.3	95.3
KAFB-106091	GW091-602	4/16/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	95.3	95.3
KAFB-106091	GW091-602	4/16/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106091	GW091-602	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	11.1	11.1
KAFB-106091	GW091-602	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	3.28	3.28
KAFB-106091	GW091-602	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	29.9	29.9
KAFB-106091	GW091-602	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	78.8	78.8
KAFB-106091	GW091-602	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106091	GW091-602	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	< 0.0016	0.0016

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106091	GW091-602	4/14/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106091	GW091-602	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106091	GW091-602	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106212	GW212-202	4/12/2020	N	INITIAL	5		KR426	14808-79-8	Sulfate	26.9	26.9
KAFB-106212	GW212-202	4/12/2020	N	INITIAL	5		KR426	16887-00-6	Chloride	21.9	21.9
KAFB-106212	GW212-202	4/12/2020	N	INITIAL	5		KR426	24959-67-9	Bromide	< 2.0	2
KAFB-106212	GW212-202	4/14/2020	N	INITIAL	1		KR426	NNN	Nitrogen as nitrate + nitrite	0.13	0.13
KAFB-106212	GW212-202	4/16/2020	N	INITIAL	1		KR426	ALK	Alkalinity, total (as CaCO3)	104	104
KAFB-106212	GW212-202	4/16/2020	N	INITIAL	1		KR426	ALK-B	Alkalinity, bicarbonate (as CaCO3)	104	104
KAFB-106212	GW212-202	4/16/2020	N	INITIAL	1		KR426	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106212	GW212-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7439-95-4	Magnesium	5.37	5.37
KAFB-106212	GW212-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-23-5	Sodium	26.6	26.6
KAFB-106212	GW212-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-70-2	Calcium	38.8	38.8
KAFB-106212	GW212-202	4/16/2020	T	INITIAL	1	SW3005A	KR426	7440-09-7	Potassium	< 0.375	0.375
KAFB-106212	GW212-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106212	GW212-202	4/14/2020	T	INITIAL	1	SW3020A	KR426	7440-38-2	Arsenic	0.00097	0.00097
KAFB-106212	GW212-202	4/14/2020	N	INITIAL	1	METHOD	KR426	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106212	GW212-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-89-6	Iron	< 0.103	0.103
KAFB-106212	GW212-202	4/14/2020	D	INITIAL	1	SW3005A	KR426	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106241-428	GW241-428-202	4/12/2020	N	INITIAL	5		KR423	14808-79-8	Sulfate	44.8	44.8
KAFB-106241-428	GW241-428-202	4/12/2020	N	INITIAL	5		KR423	24959-67-9	Bromide	< 2.0	2
KAFB-106241-428	GW241-428-202	4/19/2020	N	INITIAL	10		KR423	16887-00-6	Chloride	26.5	26.5
KAFB-106241-428	GW241-428-202	4/25/2020	N	INITIAL	1		KR423	NNN	Nitrogen as nitrate + nitrite	0.20	0.2
KAFB-106241-428	GW241-428-202	4/15/2020	N	INITIAL	1		KR423	ALK	Alkalinity, total (as CaCO3)	134	134
KAFB-106241-428	GW241-428-202	4/15/2020	N	INITIAL	1		KR423	ALK-B	Alkalinity, bicarbonate (as CaCO3)	134	134
KAFB-106241-428	GW241-428-202	4/15/2020	N	INITIAL	1		KR423	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106241-428	GW241-428-202	4/16/2020	T	INITIAL	1	SW3005A	KR423	7439-95-4	Magnesium	7.11	7.11
KAFB-106241-428	GW241-428-202	4/16/2020	T	INITIAL	1	SW3005A	KR423	7440-23-5	Sodium	26.6	26.6
KAFB-106241-428	GW241-428-202	4/16/2020	T	INITIAL	1	SW3005A	KR423	7440-70-2	Calcium	51.1	51.1
KAFB-106241-428	GW241-428-202	4/20/2020	T	INITIAL	1	SW3005A	KR423	7440-09-7	Potassium	2.81	2.81
KAFB-106241-428	GW241-428-202	4/16/2020	T	INITIAL	1	SW3020A	KR423	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106241-428	GW241-428-202	4/16/2020	T	INITIAL	1	SW3020A	KR423	7440-38-2	Arsenic	0.00079	0.00079
KAFB-106241-428	GW241-428-202	4/14/2020	N	INITIAL	1	METHOD	KR423	106-93-4	1,2-Dibromoethane	0.015	0.015
KAFB-106241-428	GW241-428-202	4/14/2020	D	INITIAL	1	SW3005A	KR423	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106241-428	GW241-428-202	4/15/2020	D	INITIAL	1	SW3005A	KR423	7439-89-6	Iron	< 0.103	0.103
KAFB-106243-425	GW243-425-202	4/12/2020	N	INITIAL	5		KR423	14808-79-8	Sulfate	47.2	47.2
KAFB-106243-425	GW243-425-202	4/12/2020	N	INITIAL	5		KR423	16887-00-6	Chloride	23.5	23.5
KAFB-106243-425	GW243-425-202	4/12/2020	N	INITIAL	5		KR423	24959-67-9	Bromide	< 2.0	2
KAFB-106243-425	GW243-425-202	4/25/2020	N	INITIAL	1		KR423	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106243-425	GW243-425-202	4/16/2020	N	INITIAL	1		KR423	ALK	Alkalinity, total (as CaCO3)	152	152
KAFB-106243-425	GW243-425-202	4/16/2020	N	INITIAL	1		KR423	ALK-B	Alkalinity, bicarbonate (as CaCO3)	152	152
KAFB-106243-425	GW243-425-202	4/16/2020	N	INITIAL	1		KR423	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106243-425	GW243-425-202	4/16/2020	T	INITIAL	1	SW3005A	KR423	7439-95-4	Magnesium	7.62	7.62
KAFB-106243-425	GW243-425-202	4/16/2020	T	INITIAL	1	SW3005A	KR423	7440-23-5	Sodium	27.1	27.1
KAFB-106243-425	GW243-425-202	4/16/2020	T	INITIAL	1	SW3005A	KR423	7440-70-2	Calcium	55.2	55.2
KAFB-106243-425	GW243-425-202	4/20/2020	T	INITIAL	1	SW3005A	KR423	7440-09-7	Potassium	2.81	2.81
KAFB-106243-425	GW243-425-202	4/16/2020	T	INITIAL	1	SW3020A	KR423	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106243-425	GW243-425-202	4/16/2020	T	INITIAL	1	SW3020A	KR423	7440-38-2	Arsenic	0.00096	0.00096
KAFB-106243-425	GW243-425-202	4/14/2020	N	INITIAL	1	METHOD	KR423	106-93-4	1,2-Dibromoethane	0.020	0.02
KAFB-106243-425	GW243-425-202	4/14/2020	D	INITIAL	1	SW3005A	KR423	7439-96-5	Manganese	0.0079	0.0079
KAFB-106243-425	GW243-425-202	4/15/2020	D	INITIAL	1	SW3005A	KR423	7439-89-6	Iron	< 0.103	0.103
KAFB-106058	GW058-202	4/12/2020	N	INITIAL	5		KR427	14808-79-8	Sulfate	26.6	26.6
KAFB-106058	GW058-202	4/12/2020	N	INITIAL	5		KR427	16887-00-6	Chloride	8.9	8.9
KAFB-106058	GW058-202	4/12/2020	N	INITIAL	5		KR427	24959-67-9	Bromide	< 2.0	2
KAFB-106058	GW058-202	4/25/2020	N	INITIAL	1		KR427	NNN	Nitrogen as nitrate + nitrite	0.22	0.22

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106058	GW058-202	4/16/2020	N	INITIAL	1		KR427	ALK	Alkalinity, total (as CaCO3)	109	109
KAFB-106058	GW058-202	4/16/2020	N	INITIAL	1		KR427	ALK-B	Alkalinity, bicarbonate (as CaCO3)	109	109
KAFB-106058	GW058-202	4/16/2020	N	INITIAL	1		KR427	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106058	GW058-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7439-95-4	Magnesium	4.72	4.72
KAFB-106058	GW058-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-23-5	Sodium	21.0	21
KAFB-106058	GW058-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-70-2	Calcium	33.9	33.9
KAFB-106058	GW058-202	4/20/2020	T	INITIAL	1	SW3005A	KR427	7440-09-7	Potassium	2.16	2.16
KAFB-106058	GW058-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106058	GW058-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106058	GW058-202	4/15/2020	N	INITIAL	1	METHOD	KR427	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106058	GW058-202	4/14/2020	D	INITIAL	1	SW3005A	KR427	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106058	GW058-202	4/15/2020	D	INITIAL	1	SW3005A	KR427	7439-89-6	Iron	< 0.103	0.103
KAFB-106058	GW058-602	4/12/2020	N	INITIAL	5		KR427	14808-79-8	Sulfate	24.9	24.9
KAFB-106058	GW058-602	4/12/2020	N	INITIAL	5		KR427	16887-00-6	Chloride	8.1	8.1
KAFB-106058	GW058-602	4/12/2020	N	INITIAL	5		KR427	24959-67-9	Bromide	< 2.0	2
KAFB-106058	GW058-602	4/25/2020	N	INITIAL	1		KR427	NNN	Nitrogen as nitrate + nitrite	0.23	0.23
KAFB-106058	GW058-602	4/16/2020	N	INITIAL	1		KR427	ALK	Alkalinity, total (as CaCO3)	109	109
KAFB-106058	GW058-602	4/16/2020	N	INITIAL	1		KR427	ALK-B	Alkalinity, bicarbonate (as CaCO3)	109	109
KAFB-106058	GW058-602	4/16/2020	N	INITIAL	1		KR427	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106058	GW058-602	4/16/2020	T	INITIAL	1	SW3005A	KR427	7439-95-4	Magnesium	4.72	4.72
KAFB-106058	GW058-602	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-23-5	Sodium	21.0	21
KAFB-106058	GW058-602	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-70-2	Calcium	33.7	33.7
KAFB-106058	GW058-602	4/20/2020	T	INITIAL	1	SW3005A	KR427	7440-09-7	Potassium	2.11	2.11
KAFB-106058	GW058-602	4/16/2020	T	INITIAL	1	SW3020A	KR427	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106058	GW058-602	4/16/2020	T	INITIAL	1	SW3020A	KR427	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106058	GW058-602	4/15/2020	N	INITIAL	1	METHOD	KR427	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106058	GW058-602	4/15/2020	D	INITIAL	1	SW3005A	KR427	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106058	GW058-602	4/15/2020	D	INITIAL	1	SW3005A	KR427	7439-89-6	Iron	< 0.103	0.103
KAFB-106058	GW058-602	4/15/2020	D	INITIAL	1	SW3005A	KR427	7439-89-6	Iron	< 0.103	0.103
KAFB-106090	GW090-202	4/12/2020	N	INITIAL	5		KR427	14808-79-8	Sulfate	29.5	29.5
KAFB-106090	GW090-202	4/12/2020	N	INITIAL	5		KR427	16887-00-6	Chloride	9.7	9.7
KAFB-106090	GW090-202	4/12/2020	N	INITIAL	5		KR427	24959-67-9	Bromide	< 2.0	2
KAFB-106090	GW090-202	4/25/2020	N	INITIAL	1		KR427	NNN	Nitrogen as nitrate + nitrite	0.052	0.052
KAFB-106090	GW090-202	4/15/2020	N	INITIAL	1		KR427	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106090	GW090-202	4/15/2020	N	INITIAL	1		KR427	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106090	GW090-202	4/15/2020	N	INITIAL	1		KR427	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106090	GW090-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7439-95-4	Magnesium	4.38	4.38
KAFB-106090	GW090-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-23-5	Sodium	20.5	20.5
KAFB-106090	GW090-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-70-2	Calcium	31.1	31.1
KAFB-106090	GW090-202	4/20/2020	T	INITIAL	1	SW3005A	KR427	7440-09-7	Potassium	2.00	2
KAFB-106090	GW090-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106090	GW090-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106090	GW090-202	4/15/2020	N	INITIAL	1	METHOD	KR427	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106090	GW090-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-89-6	Iron	< 0.103	0.103
KAFB-106090	GW090-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-96-5	Manganese	0.0041	0.0041
KAFB-106089	GW089-202	4/12/2020	N	INITIAL	5		KR427	14808-79-8	Sulfate	38.3	38.3
KAFB-106089	GW089-202	4/12/2020	N	INITIAL	5		KR427	16887-00-6	Chloride	13.2	13.2
KAFB-106089	GW089-202	4/12/2020	N	INITIAL	5		KR427	24959-67-9	Bromide	< 2.0	2
KAFB-106089	GW089-202	4/25/2020	N	INITIAL	1		KR427	NNN	Nitrogen as nitrate + nitrite	0.47	0.47
KAFB-106089	GW089-202	4/15/2020	N	INITIAL	1		KR427	ALK	Alkalinity, total (as CaCO3)	109	109
KAFB-106089	GW089-202	4/15/2020	N	INITIAL	1		KR427	ALK-B	Alkalinity, bicarbonate (as CaCO3)	109	109
KAFB-106089	GW089-202	4/15/2020	N	INITIAL	1		KR427	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106089	GW089-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7439-95-4	Magnesium	5.15	5.15
KAFB-106089	GW089-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-23-5	Sodium	21.5	21.5
KAFB-106089	GW089-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-70-2	Calcium	37.2	37.2
KAFB-106089	GW089-202	4/20/2020	T	INITIAL	1	SW3005A	KR427	7440-09-7	Potassium	2.29	2.29

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106089	GW089-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106089	GW089-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7440-38-2	Arsenic	0.00097	0.00097
KAFB-106089	GW089-202	4/22/2020	N	INITIAL	1	METHOD	KR427	106-93-4	1,2-Dibromoethane	< 0.036	0.036
KAFB-106089	GW089-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-89-6	Iron	< 0.103	0.103
KAFB-106089	GW089-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106240-449	GW240-449-202	4/12/2020	N	INITIAL	5		KR423	14808-79-8	Sulfate	62.4	62.4
KAFB-106240-449	GW240-449-202	4/12/2020	N	INITIAL	5		KR423	24959-67-9	Bromide	< 2.0	2
KAFB-106240-449	GW240-449-202	4/12/2020	N	INITIAL	100		KR423	16887-00-6	Chloride	56.6	56.6
KAFB-106240-449	GW240-449-202	4/25/2020	N	INITIAL	1		KR423	NNN	Nitrogen as nitrate + nitrite	1.6	1.6
KAFB-106240-449	GW240-449-202	4/15/2020	N	INITIAL	1		KR423	ALK	Alkalinity, total (as CaCO3)	165	165
KAFB-106240-449	GW240-449-202	4/15/2020	N	INITIAL	1		KR423	ALK-B	Alkalinity, bicarbonate (as CaCO3)	165	165
KAFB-106240-449	GW240-449-202	4/15/2020	N	INITIAL	1		KR423	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106240-449	GW240-449-202	4/16/2020	T	INITIAL	1	SW3005A	KR423	7440-23-5	Sodium	26.3	26.3
KAFB-106240-449	GW240-449-202	4/16/2020	T	INITIAL	1	SW3005A	KR423	7440-70-2	Calcium	74.4	74.4
KAFB-106240-449	GW240-449-202	4/17/2020	T	INITIAL	1	SW3005A	KR423	7439-95-4	Magnesium	11.3	11.3
KAFB-106240-449	GW240-449-202	4/17/2020	T	INITIAL	1	SW3005A	KR423	7440-09-7	Potassium	2.98	2.98
KAFB-106240-449	GW240-449-202	4/15/2020	T	INITIAL	1	SW3020A	KR423	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106240-449	GW240-449-202	4/15/2020	T	INITIAL	1	SW3020A	KR423	7440-38-2	Arsenic	0.0013	0.0013
KAFB-106240-449	GW240-449-202	4/15/2020	N	INITIAL	1	METHOD	KR423	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106240-449	GW240-449-202	4/17/2020	N	INITIAL	1	SW5030C	KR423	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106240-449	GW240-449-202	4/17/2020	N	INITIAL	1	SW5030C	KR423	108-88-3	Toluene	< 0.5	0.5
KAFB-106240-449	GW240-449-202	4/17/2020	N	INITIAL	1	SW5030C	KR423	1330-20-7	Xylenes, total	< 2	2
KAFB-106240-449	GW240-449-202	4/17/2020	N	INITIAL	1	SW5030C	KR423	71-43-2	Benzene	< 0.5	0.5
KAFB-106240-449	GW240-449-202	4/16/2020	D	INITIAL	1	SW3005A	KR423	7439-89-6	Iron	< 0.103	0.103
KAFB-106240-449	GW240-449-202	4/16/2020	D	INITIAL	1	SW3005A	KR423	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106088	GW088-202	4/12/2020	N	INITIAL	5		KR427	14808-79-8	Sulfate	39.1	39.1
KAFB-106088	GW088-202	4/12/2020	N	INITIAL	5		KR427	16887-00-6	Chloride	14.5	14.5
KAFB-106088	GW088-202	4/12/2020	N	INITIAL	5		KR427	24959-67-9	Bromide	< 2.0	2
KAFB-106088	GW088-202	4/25/2020	N	INITIAL	1		KR427	NNN	Nitrogen as nitrate + nitrite	0.38	0.38
KAFB-106088	GW088-202	4/16/2020	N	INITIAL	1		KR427	ALK	Alkalinity, total (as CaCO3)	119	119
KAFB-106088	GW088-202	4/16/2020	N	INITIAL	1		KR427	ALK-B	Alkalinity, bicarbonate (as CaCO3)	119	119
KAFB-106088	GW088-202	4/16/2020	N	INITIAL	1		KR427	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106088	GW088-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7439-95-4	Magnesium	5.56	5.56
KAFB-106088	GW088-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-23-5	Sodium	22.2	22.2
KAFB-106088	GW088-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-70-2	Calcium	40.2	40.2
KAFB-106088	GW088-202	4/20/2020	T	INITIAL	1	SW3005A	KR427	7440-09-7	Potassium	2.34	2.34
KAFB-106088	GW088-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106088	GW088-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7440-38-2	Arsenic	0.00083	0.00083
KAFB-106088	GW088-202	4/15/2020	N	INITIAL	1	METHOD	KR427	106-93-4	1,2-Dibromoethane	0.041	0.041
KAFB-106088	GW088-202	4/15/2020	D	INITIAL	1	SW3005A	KR427	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106088	GW088-202	4/15/2020	D	INITIAL	1	SW3005A	KR427	7439-89-6	Iron	< 0.103	0.103
KAFB-106088	GW088-602	4/12/2020	N	INITIAL	5		KR427	14808-79-8	Sulfate	36.9	36.9
KAFB-106088	GW088-602	4/12/2020	N	INITIAL	5		KR427	16887-00-6	Chloride	13.5	13.5
KAFB-106088	GW088-602	4/12/2020	N	INITIAL	5		KR427	24959-67-9	Bromide	< 2.0	2
KAFB-106088	GW088-602	4/25/2020	N	INITIAL	1		KR427	NNN	Nitrogen as nitrate + nitrite	0.34	0.34
KAFB-106088	GW088-602	4/15/2020	N	INITIAL	1		KR427	ALK	Alkalinity, total (as CaCO3)	117	117
KAFB-106088	GW088-602	4/15/2020	N	INITIAL	1		KR427	ALK-B	Alkalinity, bicarbonate (as CaCO3)	117	117
KAFB-106088	GW088-602	4/15/2020	N	INITIAL	1		KR427	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106088	GW088-602	4/16/2020	T	INITIAL	1	SW3005A	KR427	7439-95-4	Magnesium	5.60	5.6
KAFB-106088	GW088-602	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-23-5	Sodium	22.3	22.3
KAFB-106088	GW088-602	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-70-2	Calcium	40.5	40.5
KAFB-106088	GW088-602	4/20/2020	T	INITIAL	1	SW3005A	KR427	7440-09-7	Potassium	2.32	2.32
KAFB-106088	GW088-602	4/16/2020	T	INITIAL	1	SW3020A	KR427	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106088	GW088-602	4/16/2020	T	INITIAL	1	SW3020A	KR427	7440-38-2	Arsenic	0.00088	0.00088
KAFB-106088	GW088-602	4/15/2020	N	INITIAL	1	METHOD	KR427	106-93-4	1,2-Dibromoethane	0.041	0.041

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106088	GW088-602	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-89-6	Iron	< 0.103	0.103
KAFB-106088	GW088-602	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106049	GW049-202	4/12/2020	N	INITIAL	5		KR427	24959-67-9	Bromide	21.0	21
KAFB-106049	GW049-202	4/12/2020	N	INITIAL	50		KR427	14808-79-8	Sulfate	255	255
KAFB-106049	GW049-202	4/12/2020	N	INITIAL	50		KR427	16887-00-6	Chloride	116	116
KAFB-106049	GW049-202	4/25/2020	N	INITIAL	5		KR427	NNN	Nitrogen as nitrate + nitrite	5.2	5.2
KAFB-106049	GW049-202	4/15/2020	N	INITIAL	1		KR427	ALK	Alkalinity, total (as CaCO3)	75.7	75.7
KAFB-106049	GW049-202	4/15/2020	N	INITIAL	1		KR427	ALK-B	Alkalinity, bicarbonate (as CaCO3)	75.7	75.7
KAFB-106049	GW049-202	4/15/2020	N	INITIAL	1		KR427	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106049	GW049-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7439-95-4	Magnesium	17.4	17.4
KAFB-106049	GW049-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-23-5	Sodium	31.0	31
KAFB-106049	GW049-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-70-2	Calcium	122	122
KAFB-106049	GW049-202	4/20/2020	T	INITIAL	1	SW3005A	KR427	7440-09-7	Potassium	3.79	3.79
KAFB-106049	GW049-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106049	GW049-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7440-38-2	Arsenic	0.00083	0.00083
KAFB-106049	GW049-202	4/17/2020	N	INITIAL	1	METHOD	KR427	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106049	GW049-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-89-6	Iron	< 0.103	0.103
KAFB-106049	GW049-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106244-445	GW244-445-202	4/12/2020	N	INITIAL	5		KR423	24959-67-9	Bromide	< 2.0	2
KAFB-106244-445	GW244-445-202	4/12/2020	N	INITIAL	50		KR423	14808-79-8	Sulfate	309	309
KAFB-106244-445	GW244-445-202	4/12/2020	N	INITIAL	50		KR423	16887-00-6	Chloride	126	126
KAFB-106244-445	GW244-445-202	4/25/2020	N	INITIAL	1		KR423	NNN	Nitrogen as nitrate + nitrite	3.8	3.8
KAFB-106244-445	GW244-445-202	4/16/2020	N	INITIAL	1		KR423	ALK	Alkalinity, total (as CaCO3)	106	106
KAFB-106244-445	GW244-445-202	4/16/2020	N	INITIAL	1		KR423	ALK-B	Alkalinity, bicarbonate (as CaCO3)	106	106
KAFB-106244-445	GW244-445-202	4/16/2020	N	INITIAL	1		KR423	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106244-445	GW244-445-202	4/16/2020	T	INITIAL	1	SW3005A	KR423	7439-95-4	Magnesium	20.6	20.6
KAFB-106244-445	GW244-445-202	4/16/2020	T	INITIAL	1	SW3005A	KR423	7440-23-5	Sodium	54.6	54.6
KAFB-106244-445	GW244-445-202	4/16/2020	T	INITIAL	1	SW3005A	KR423	7440-70-2	Calcium	134	134
KAFB-106244-445	GW244-445-202	4/20/2020	T	INITIAL	1	SW3005A	KR423	7440-09-7	Potassium	4.51	4.51
KAFB-106244-445	GW244-445-202	4/16/2020	T	INITIAL	1	SW3020A	KR423	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106244-445	GW244-445-202	4/16/2020	T	INITIAL	1	SW3020A	KR423	7440-38-2	Arsenic	0.00077	0.00077
KAFB-106244-445	GW244-445-202	4/15/2020	N	INITIAL	1	METHOD	KR423	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106244-445	GW244-445-202	4/17/2020	N	INITIAL	1	SW5030C	KR423	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106244-445	GW244-445-202	4/17/2020	N	INITIAL	1	SW5030C	KR423	108-88-3	Toluene	< 0.5	0.5
KAFB-106244-445	GW244-445-202	4/17/2020	N	INITIAL	1	SW5030C	KR423	1330-20-7	Xylenes, total	< 2	2
KAFB-106244-445	GW244-445-202	4/17/2020	N	INITIAL	1	SW5030C	KR423	71-43-2	Benzene	< 0.5	0.5
KAFB-106244-445	GW244-445-202	4/14/2020	D	INITIAL	1	SW3005A	KR423	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106244-445	GW244-445-202	4/15/2020	D	INITIAL	1	SW3005A	KR423	7439-89-6	Iron	< 0.103	0.103
KAFB-106051	GW051-202	4/12/2020	N	INITIAL	5		KR427	24959-67-9	Bromide	1.9	1.9
KAFB-106051	GW051-202	4/12/2020	N	INITIAL	50		KR427	14808-79-8	Sulfate	104	104
KAFB-106051	GW051-202	4/12/2020	N	INITIAL	50		KR427	16887-00-6	Chloride	66.6	66.6
KAFB-106051	GW051-202	4/25/2020	N	INITIAL	1		KR427	NNN	Nitrogen as nitrate + nitrite	2.0	2
KAFB-106051	GW051-202	4/16/2020	N	INITIAL	1		KR427	ALK	Alkalinity, total (as CaCO3)	79.1	79.1
KAFB-106051	GW051-202	4/16/2020	N	INITIAL	1		KR427	ALK-B	Alkalinity, bicarbonate (as CaCO3)	79.1	79.1
KAFB-106051	GW051-202	4/16/2020	N	INITIAL	1		KR427	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106051	GW051-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7439-95-4	Magnesium	9.56	9.56
KAFB-106051	GW051-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-23-5	Sodium	26.5	26.5
KAFB-106051	GW051-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-70-2	Calcium	67.5	67.5
KAFB-106051	GW051-202	4/20/2020	T	INITIAL	1	SW3005A	KR427	7440-09-7	Potassium	3.01	3.01
KAFB-106051	GW051-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106051	GW051-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7440-38-2	Arsenic	0.00093	0.00093
KAFB-106051	GW051-202	4/17/2020	N	INITIAL	1	METHOD	KR427	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106051	GW051-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-89-6	Iron	< 0.103	0.103
KAFB-106051	GW051-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106050	GW050-202	4/12/2020	N	INITIAL	5		KR427	14808-79-8	Sulfate	71.1	71.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106050	GW050-202	4/12/2020	N	INITIAL	5		KR427	24959-67-9	Bromide	< 2.0	2
KAFB-106050	GW050-202	4/13/2020	N	INITIAL	50		KR427	16887-00-6	Chloride	45.5	45.5
KAFB-106050	GW050-202	4/25/2020	N	INITIAL	1		KR427	NNN	Nitrogen as nitrate + nitrite	1.3	1.3
KAFB-106050	GW050-202	4/16/2020	N	INITIAL	1		KR427	ALK	Alkalinity, total (as CaCO3)	88.8	88.8
KAFB-106050	GW050-202	4/16/2020	N	INITIAL	1		KR427	ALK-B	Alkalinity, bicarbonate (as CaCO3)	88.8	88.8
KAFB-106050	GW050-202	4/16/2020	N	INITIAL	1		KR427	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106050	GW050-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7439-95-4	Magnesium	7.82	7.82
KAFB-106050	GW050-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-23-5	Sodium	24.4	24.4
KAFB-106050	GW050-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-70-2	Calcium	55.1	55.1
KAFB-106050	GW050-202	4/20/2020	T	INITIAL	1	SW3005A	KR427	7440-09-7	Potassium	2.95	2.95
KAFB-106050	GW050-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106050	GW050-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7440-38-2	Arsenic	0.00093	0.00093
KAFB-106050	GW050-202	4/17/2020	N	INITIAL	1	METHOD	KR427	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106050	GW050-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-89-6	Iron	< 0.103	0.103
KAFB-106050	GW050-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106043	GW043-202	4/12/2020	N	INITIAL	5		KR427	14808-79-8	Sulfate	58.2	58.2
KAFB-106043	GW043-202	4/12/2020	N	INITIAL	5		KR427	16887-00-6	Chloride	24.1	24.1
KAFB-106043	GW043-202	4/12/2020	N	INITIAL	5		KR427	24959-67-9	Bromide	< 2.0	2
KAFB-106043	GW043-202	4/25/2020	N	INITIAL	1		KR427	NNN	Nitrogen as nitrate + nitrite	0.62	0.62
KAFB-106043	GW043-202	4/15/2020	N	INITIAL	1		KR427	ALK	Alkalinity, total (as CaCO3)	102	102
KAFB-106043	GW043-202	4/15/2020	N	INITIAL	1		KR427	ALK-B	Alkalinity, bicarbonate (as CaCO3)	102	102
KAFB-106043	GW043-202	4/15/2020	N	INITIAL	1		KR427	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106043	GW043-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7439-95-4	Magnesium	6.34	6.34
KAFB-106043	GW043-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-23-5	Sodium	23.8	23.8
KAFB-106043	GW043-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-70-2	Calcium	45.9	45.9
KAFB-106043	GW043-202	4/20/2020	T	INITIAL	1	SW3005A	KR427	7440-09-7	Potassium	2.63	2.63
KAFB-106043	GW043-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106043	GW043-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7440-38-2	Arsenic	0.0010	0.001
KAFB-106043	GW043-202	4/15/2020	N	INITIAL	1	METHOD	KR427	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106043	GW043-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-89-6	Iron	< 0.103	0.103
KAFB-106043	GW043-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106245-460	GW245-460-202	4/12/2020	N	INITIAL	5		KR423	14808-79-8	Sulfate	28.4	28.4
KAFB-106245-460	GW245-460-202	4/12/2020	N	INITIAL	5		KR423	24959-67-9	Bromide	< 2.0	2
KAFB-106245-460	GW245-460-202	4/12/2020	N	INITIAL	50		KR423	16887-00-6	Chloride	35.0	35
KAFB-106245-460	GW245-460-202	4/25/2020	N	INITIAL	5		KR423	NNN	Nitrogen as nitrate + nitrite	0.94	0.94
KAFB-106245-460	GW245-460-202	4/16/2020	N	INITIAL	1		KR423	ALK	Alkalinity, total (as CaCO3)	109	109
KAFB-106245-460	GW245-460-202	4/16/2020	N	INITIAL	1		KR423	ALK-B	Alkalinity, bicarbonate (as CaCO3)	109	109
KAFB-106245-460	GW245-460-202	4/16/2020	N	INITIAL	1		KR423	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106245-460	GW245-460-202	4/16/2020	T	INITIAL	1	SW3005A	KR423	7439-95-4	Magnesium	6.71	6.71
KAFB-106245-460	GW245-460-202	4/16/2020	T	INITIAL	1	SW3005A	KR423	7440-23-5	Sodium	22.4	22.4
KAFB-106245-460	GW245-460-202	4/16/2020	T	INITIAL	1	SW3005A	KR423	7440-70-2	Calcium	46.4	46.4
KAFB-106245-460	GW245-460-202	4/20/2020	T	INITIAL	1	SW3005A	KR423	7440-09-7	Potassium	2.32	2.32
KAFB-106245-460	GW245-460-202	4/16/2020	T	INITIAL	1	SW3020A	KR423	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106245-460	GW245-460-202	4/16/2020	T	INITIAL	1	SW3020A	KR423	7440-38-2	Arsenic	0.00097	0.00097
KAFB-106245-460	GW245-460-202	4/15/2020	N	INITIAL	1	METHOD	KR423	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106245-460	GW245-460-202	4/17/2020	N	INITIAL	1	SW5030C	KR423	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106245-460	GW245-460-202	4/17/2020	N	INITIAL	1	SW5030C	KR423	108-88-3	Toluene	< 0.5	0.5
KAFB-106245-460	GW245-460-202	4/17/2020	N	INITIAL	1	SW5030C	KR423	1330-20-7	Xylenes, total	< 2	2
KAFB-106245-460	GW245-460-202	4/17/2020	N	INITIAL	1	SW5030C	KR423	71-43-2	Benzene	< 0.5	0.5
KAFB-106245-460	GW245-460-202	4/14/2020	D	INITIAL	1	SW3005A	KR423	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106245-460	GW245-460-202	4/15/2020	D	INITIAL	1	SW3005A	KR423	7439-89-6	Iron	< 0.103	0.103
KAFB-106041	GW041-202	4/12/2020	N	INITIAL	5		KR427	24959-67-9	Bromide	< 2.0	2
KAFB-106041	GW041-202	4/12/2020	N	INITIAL	20		KR427	14808-79-8	Sulfate	75.8	75.8
KAFB-106041	GW041-202	4/12/2020	N	INITIAL	20		KR427	16887-00-6	Chloride	33.3	33.3
KAFB-106041	GW041-202	4/25/2020	N	INITIAL	1		KR427	NNN	Nitrogen as nitrate + nitrite	0.62	0.62

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106041	GW041-202	4/16/2020	N	INITIAL	1		KR427	ALK	Alkalinity, total (as CaCO3)	112	112
KAFB-106041	GW041-202	4/16/2020	N	INITIAL	1		KR427	ALK-B	Alkalinity, bicarbonate (as CaCO3)	112	112
KAFB-106041	GW041-202	4/16/2020	N	INITIAL	1		KR427	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106041	GW041-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7439-95-4	Magnesium	7.53	7.53
KAFB-106041	GW041-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-23-5	Sodium	25.7	25.7
KAFB-106041	GW041-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-70-2	Calcium	55.2	55.2
KAFB-106041	GW041-202	4/20/2020	T	INITIAL	1	SW3005A	KR427	7440-09-7	Potassium	3.20	3.2
KAFB-106041	GW041-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106041	GW041-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7440-38-2	Arsenic	0.00090	0.0009
KAFB-106041	GW041-202	4/15/2020	N	INITIAL	1	METHOD	KR427	106-93-4	1,2-Dibromoethane	0.054	0.054
KAFB-106041	GW041-202	4/15/2020	D	INITIAL	1	SW3005A	KR427	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106041	GW041-202	4/15/2020	D	INITIAL	1	SW3005A	KR427	7439-89-6	Iron	< 0.103	0.103
KAFB-106S4-446	GWS4-446-202	4/12/2020	N	INITIAL	5		KR427	24959-67-9	Bromide	2.3	2.3
KAFB-106S4-446	GWS4-446-202	4/12/2020	N	INITIAL	50		KR427	14808-79-8	Sulfate	342	342
KAFB-106S4-446	GWS4-446-202	4/12/2020	N	INITIAL	50		KR427	16887-00-6	Chloride	208	208
KAFB-106S4-446	GWS4-446-202	4/25/2020	N	INITIAL	5		KR427	NNN	Nitrogen as nitrate + nitrite	8.0	8
KAFB-106S4-446	GWS4-446-202	4/16/2020	N	INITIAL	1		KR427	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106S4-446	GWS4-446-202	4/16/2020	N	INITIAL	1		KR427	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106S4-446	GWS4-446-202	4/16/2020	N	INITIAL	1		KR427	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S4-446	GWS4-446-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7439-95-4	Magnesium	29.5	29.5
KAFB-106S4-446	GWS4-446-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-23-5	Sodium	65.0	65
KAFB-106S4-446	GWS4-446-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-70-2	Calcium	187	187
KAFB-106S4-446	GWS4-446-202	4/17/2020	T	INITIAL	1	SW3005A	KR427	7440-09-7	Potassium	5.01	5.01
KAFB-106S4-446	GWS4-446-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106S4-446	GWS4-446-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106S4-446	GWS4-446-202	4/22/2020	N	INITIAL	1	METHOD	KR427	106-93-4	1,2-Dibromoethane	< 0.048	0.048
KAFB-106S4-446	GWS4-446-202	4/17/2020	N	INITIAL	1	SW5030C	KR427	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106S4-446	GWS4-446-202	4/17/2020	N	INITIAL	1	SW5030C	KR427	108-88-3	Toluene	< 0.5	0.5
KAFB-106S4-446	GWS4-446-202	4/17/2020	N	INITIAL	1	SW5030C	KR427	1330-20-7	Xylenes, total	< 2	2
KAFB-106S4-446	GWS4-446-202	4/17/2020	N	INITIAL	1	SW5030C	KR427	71-43-2	Benzene	< 0.5	0.5
KAFB-106S4-446	GWS4-446-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-89-6	Iron	< 0.103	0.103
KAFB-106S4-446	GWS4-446-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106042	GW042-202	4/12/2020	N	INITIAL	5		KR427	24959-67-9	Bromide	< 2.0	2
KAFB-106042	GW042-202	4/12/2020	N	INITIAL	20		KR427	14808-79-8	Sulfate	73.9	73.9
KAFB-106042	GW042-202	4/12/2020	N	INITIAL	20		KR427	16887-00-6	Chloride	40.9	40.9
KAFB-106042	GW042-202	4/25/2020	N	INITIAL	1		KR427	NNN	Nitrogen as nitrate + nitrite	1.0	1
KAFB-106042	GW042-202	4/16/2020	N	INITIAL	1		KR427	ALK	Alkalinity, total (as CaCO3)	99.8	99.8
KAFB-106042	GW042-202	4/16/2020	N	INITIAL	1		KR427	ALK-B	Alkalinity, bicarbonate (as CaCO3)	99.8	99.8
KAFB-106042	GW042-202	4/16/2020	N	INITIAL	1		KR427	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106042	GW042-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7439-95-4	Magnesium	7.72	7.72
KAFB-106042	GW042-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-23-5	Sodium	25.4	25.4
KAFB-106042	GW042-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-70-2	Calcium	56.7	56.7
KAFB-106042	GW042-202	4/20/2020	T	INITIAL	1	SW3005A	KR427	7440-09-7	Potassium	3.07	3.07
KAFB-106042	GW042-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106042	GW042-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7440-38-2	Arsenic	0.00090	0.0009
KAFB-106042	GW042-202	4/15/2020	N	INITIAL	1	METHOD	KR427	106-93-4	1,2-Dibromoethane	0.032	0.032
KAFB-106042	GW042-202	4/15/2020	D	INITIAL	1	SW3005A	KR427	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106042	GW042-202	4/15/2020	D	INITIAL	1	SW3005A	KR427	7439-89-6	Iron	< 0.103	0.103
KAFB-106247-450	GW247-450-202	4/12/2020	N	INITIAL	5		KR427	14808-79-8	Sulfate	33.1	33.1
KAFB-106247-450	GW247-450-202	4/12/2020	N	INITIAL	5		KR427	16887-00-6	Chloride	12.0	12
KAFB-106247-450	GW247-450-202	4/12/2020	N	INITIAL	5		KR427	24959-67-9	Bromide	< 2.0	2
KAFB-106247-450	GW247-450-202	4/15/2020	N	INITIAL	1		KR427	ALK	Alkalinity, total (as CaCO3)	142	142
KAFB-106247-450	GW247-450-202	4/15/2020	N	INITIAL	1		KR427	ALK-B	Alkalinity, bicarbonate (as CaCO3)	142	142
KAFB-106247-450	GW247-450-202	4/15/2020	N	INITIAL	1		KR427	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106247-450	GW247-450-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7439-95-4	Magnesium	6.39	6.39

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106247-450	GW247-450-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-23-5	Sodium	24.1	24.1
KAFB-106247-450	GW247-450-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-70-2	Calcium	43.4	43.4
KAFB-106247-450	GW247-450-202	4/20/2020	T	INITIAL	1	SW3005A	KR427	7440-09-7	Potassium	2.54	2.54
KAFB-106247-450	GW247-450-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106247-450	GW247-450-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106247-450	GW247-450-202	4/15/2020	N	INITIAL	1	METHOD	KR427	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106247-450	GW247-450-202	4/17/2020	N	INITIAL	1	SW5030C	KR427	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106247-450	GW247-450-202	4/17/2020	N	INITIAL	1	SW5030C	KR427	108-88-3	Toluene	< 0.5	0.5
KAFB-106247-450	GW247-450-202	4/17/2020	N	INITIAL	1	SW5030C	KR427	1330-20-7	Xylenes, total	< 2	2
KAFB-106247-450	GW247-450-202	4/17/2020	N	INITIAL	1	SW5030C	KR427	71-43-2	Benzene	< 0.5	0.5
KAFB-106247-450	GW247-450-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-89-6	Iron	< 0.103	0.103
KAFB-106247-450	GW247-450-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-96-5	Manganese	0.0035	0.0035
KAFB-106S1-447	GWS1-447-202	4/12/2020	N	INITIAL	5		KR427	14808-79-8	Sulfate	9.8	9.8
KAFB-106S1-447	GWS1-447-202	4/12/2020	N	INITIAL	5		KR427	24959-67-9	Bromide	2.1	2.1
KAFB-106S1-447	GWS1-447-202	4/19/2020	N	INITIAL	10		KR427	16887-00-6	Chloride	29.8	29.8
KAFB-106S1-447	GWS1-447-202	4/25/2020	N	INITIAL	1		KR427	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S1-447	GWS1-447-202	4/16/2020	N	INITIAL	1		KR427	ALK	Alkalinity, total (as CaCO3)	409	409
KAFB-106S1-447	GWS1-447-202	4/16/2020	N	INITIAL	1		KR427	ALK-B	Alkalinity, bicarbonate (as CaCO3)	409	409
KAFB-106S1-447	GWS1-447-202	4/16/2020	N	INITIAL	1		KR427	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S1-447	GWS1-447-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7439-95-4	Magnesium	19.6	19.6
KAFB-106S1-447	GWS1-447-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-23-5	Sodium	35.1	35.1
KAFB-106S1-447	GWS1-447-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-70-2	Calcium	119	119
KAFB-106S1-447	GWS1-447-202	4/20/2020	T	INITIAL	1	SW3005A	KR427	7440-09-7	Potassium	3.68	3.68
KAFB-106S1-447	GWS1-447-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7439-92-1	Lead	0.00026	0.00026
KAFB-106S1-447	GWS1-447-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7440-38-2	Arsenic	0.0035	0.0035
KAFB-106S1-447	GWS1-447-202	4/16/2020	N	INITIAL	10000	METHOD	KR427	106-93-4	1,2-Dibromoethane	390	390
KAFB-106S1-447	GWS1-447-202	4/17/2020	N	INITIAL	10	SW5030C	KR427	100-41-4	Ethylbenzene	710	710
KAFB-106S1-447	GWS1-447-202	4/17/2020	N	INITIAL	10	SW5030C	KR427	1330-20-7	Xylenes, total	3300	3300
KAFB-106S1-447	GWS1-447-202	4/17/2020	N	DILUTION1	100	SW5030C	KR427	108-88-3	Toluene	9300	9300
KAFB-106S1-447	GWS1-447-202	4/17/2020	N	DILUTION1	100	SW5030C	KR427	71-43-2	Benzene	7900	7900
KAFB-106S1-447	GWS1-447-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-89-6	Iron	0.831	0.831
KAFB-106S1-447	GWS1-447-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-96-5	Manganese	3.99	3.99
KAFB-106S2-451	GWS2-451-202	4/12/2020	N	INITIAL	5		KR427	24959-67-9	Bromide	2.3	2.3
KAFB-106S2-451	GWS2-451-202	5/1/2020	N	INITIAL	5		KR427	14808-79-8	Sulfate	19.2	19.2
KAFB-106S2-451	GWS2-451-202	5/2/2020	N	INITIAL	50		KR427	16887-00-6	Chloride	125	125
KAFB-106S2-451	GWS2-451-202	4/25/2020	N	INITIAL	1		KR427	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S2-451	GWS2-451-202	4/16/2020	N	INITIAL	1		KR427	ALK	Alkalinity, total (as CaCO3)	388	388
KAFB-106S2-451	GWS2-451-202	4/16/2020	N	INITIAL	1		KR427	ALK-B	Alkalinity, bicarbonate (as CaCO3)	388	388
KAFB-106S2-451	GWS2-451-202	4/16/2020	N	INITIAL	1		KR427	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S2-451	GWS2-451-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7439-95-4	Magnesium	26.2	26.2
KAFB-106S2-451	GWS2-451-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-23-5	Sodium	42.2	42.2
KAFB-106S2-451	GWS2-451-202	4/16/2020	T	INITIAL	1	SW3005A	KR427	7440-70-2	Calcium	157	157
KAFB-106S2-451	GWS2-451-202	4/20/2020	T	INITIAL	1	SW3005A	KR427	7440-09-7	Potassium	4.23	4.23
KAFB-106S2-451	GWS2-451-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7439-92-1	Lead	0.00054	0.00054
KAFB-106S2-451	GWS2-451-202	4/16/2020	T	INITIAL	1	SW3020A	KR427	7440-38-2	Arsenic	0.0024	0.0024
KAFB-106S2-451	GWS2-451-202	4/16/2020	N	INITIAL	1000	METHOD	KR427	106-93-4	1,2-Dibromoethane	120	120
KAFB-106S2-451	GWS2-451-202	4/17/2020	N	INITIAL	5	SW5030C	KR427	100-41-4	Ethylbenzene	420	420
KAFB-106S2-451	GWS2-451-202	4/17/2020	N	INITIAL	5	SW5030C	KR427	1330-20-7	Xylenes, total	2700	2700
KAFB-106S2-451	GWS2-451-202	4/17/2020	N	DILUTION1	50	SW5030C	KR427	108-88-3	Toluene	2500	2500
KAFB-106S2-451	GWS2-451-202	4/17/2020	N	DILUTION1	50	SW5030C	KR427	71-43-2	Benzene	4900	4900
KAFB-106S2-451	GWS2-451-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-89-6	Iron	< 0.103	0.103
KAFB-106S2-451	GWS2-451-202	4/16/2020	D	INITIAL	1	SW3005A	KR427	7439-96-5	Manganese	6.01	6.01
KAFB-106026	GW026-202	4/19/2020	N	INITIAL	5		KR428	14808-79-8	Sulfate	65.6	65.6
KAFB-106026	GW026-202	4/19/2020	N	INITIAL	5		KR428	24959-67-9	Bromide	< 2.0	2
KAFB-106026	GW026-202	4/19/2020	N	INITIAL	50		KR428	16887-00-6	Chloride	52.0	52

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106026	GW026-202	4/25/2020	N	INITIAL	1		KR428	NNN	Nitrogen as nitrate + nitrite	1.5	1.5
KAFB-106026	GW026-202	4/15/2020	N	INITIAL	1		KR428	ALK	Alkalinity, total (as CaCO3)	87.2	87.2
KAFB-106026	GW026-202	4/15/2020	N	INITIAL	1		KR428	ALK-B	Alkalinity, bicarbonate (as CaCO3)	87.2	87.2
KAFB-106026	GW026-202	4/15/2020	N	INITIAL	1		KR428	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106026	GW026-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7439-95-4	Magnesium	7.47	7.47
KAFB-106026	GW026-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-09-7	Potassium	3.15	3.15
KAFB-106026	GW026-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-23-5	Sodium	26.5	26.5
KAFB-106026	GW026-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-70-2	Calcium	54.5	54.5
KAFB-106026	GW026-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7439-92-1	Lead	0.000090	0.00009
KAFB-106026	GW026-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7440-38-2	Arsenic	0.00099	0.00099
KAFB-106026	GW026-202	4/17/2020	N	INITIAL	1	METHOD	KR428	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106026	GW026-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106026	GW026-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-89-6	Iron	< 0.103	0.103
KAFB-106028	GW028-202	4/19/2020	N	INITIAL	5		KR428	14808-79-8	Sulfate	21.3	21.3
KAFB-106028	GW028-202	4/19/2020	N	INITIAL	5		KR428	24959-67-9	Bromide	< 2.0	2
KAFB-106028	GW028-202	4/19/2020	N	INITIAL	50		KR428	16887-00-6	Chloride	45.3	45.3
KAFB-106028	GW028-202	4/25/2020	N	INITIAL	1		KR428	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106028	GW028-202	4/15/2020	N	INITIAL	1		KR428	ALK	Alkalinity, total (as CaCO3)	327	327
KAFB-106028	GW028-202	4/15/2020	N	INITIAL	1		KR428	ALK-B	Alkalinity, bicarbonate (as CaCO3)	327	327
KAFB-106028	GW028-202	4/15/2020	N	INITIAL	1		KR428	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106028	GW028-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7439-95-4	Magnesium	16.2	16.2
KAFB-106028	GW028-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-23-5	Sodium	34.8	34.8
KAFB-106028	GW028-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-70-2	Calcium	103	103
KAFB-106028	GW028-202	4/20/2020	T	INITIAL	1	SW3005A	KR428	7440-09-7	Potassium	3.46	3.46
KAFB-106028	GW028-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7439-92-1	Lead	0.00010	0.0001
KAFB-106028	GW028-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106028	GW028-202	4/23/2020	N	INITIAL	20	METHOD	KR428	106-93-4	1,2-Dibromoethane	2.9	2.9
KAFB-106028	GW028-202	4/20/2020	N	INITIAL	1	SW5030C	KR428	100-41-4	Ethylbenzene	190	190
KAFB-106028	GW028-202	4/20/2020	N	INITIAL	1	SW5030C	KR428	108-88-3	Toluene	180	180
KAFB-106028	GW028-202	4/20/2020	N	INITIAL	1	SW5030C	KR428	1330-20-7	Xylenes, total	42	42
KAFB-106028	GW028-202	4/20/2020	N	DILUTION1	10	SW5030C	KR428	71-43-2	Benzene	1100	1100
KAFB-106028	GW028-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-96-5	Manganese	2.61	2.61
KAFB-106028	GW028-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-89-6	Iron	< 0.103	0.103
KAFB-106028	GW028-602	4/19/2020	N	INITIAL	5		KR428	14808-79-8	Sulfate	17.6	17.6
KAFB-106028	GW028-602	4/19/2020	N	INITIAL	5		KR428	24959-67-9	Bromide	< 2.0	2
KAFB-106028	GW028-602	4/19/2020	N	INITIAL	50		KR428	16887-00-6	Chloride	44.7	44.7
KAFB-106028	GW028-602	4/25/2020	N	INITIAL	1		KR428	NNN	Nitrogen as nitrate + nitrite	0.15	0.15
KAFB-106028	GW028-602	4/15/2020	N	INITIAL	1		KR428	ALK	Alkalinity, total (as CaCO3)	341	341
KAFB-106028	GW028-602	4/15/2020	N	INITIAL	1		KR428	ALK-B	Alkalinity, bicarbonate (as CaCO3)	341	341
KAFB-106028	GW028-602	4/15/2020	N	INITIAL	1		KR428	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106028	GW028-602	4/19/2020	T	INITIAL	1	SW3005A	KR428	7439-95-4	Magnesium	16.6	16.6
KAFB-106028	GW028-602	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-23-5	Sodium	35.2	35.2
KAFB-106028	GW028-602	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-70-2	Calcium	105	105
KAFB-106028	GW028-602	4/20/2020	T	INITIAL	1	SW3005A	KR428	7440-09-7	Potassium	3.52	3.52
KAFB-106028	GW028-602	4/15/2020	T	INITIAL	1	SW3020A	KR428	7439-92-1	Lead	0.00013	0.00013
KAFB-106028	GW028-602	4/15/2020	T	INITIAL	1	SW3020A	KR428	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106028	GW028-602	4/23/2020	N	INITIAL	20	METHOD	KR428	106-93-4	1,2-Dibromoethane	3.1	3.1
KAFB-106028	GW028-602	4/20/2020	N	INITIAL	1	SW5030C	KR428	100-41-4	Ethylbenzene	190	190
KAFB-106028	GW028-602	4/20/2020	N	INITIAL	1	SW5030C	KR428	108-88-3	Toluene	180	180
KAFB-106028	GW028-602	4/20/2020	N	INITIAL	1	SW5030C	KR428	1330-20-7	Xylenes, total	42	42
KAFB-106028	GW028-602	4/20/2020	N	DILUTION1	10	SW5030C	KR428	71-43-2	Benzene	1100	1100
KAFB-106028	GW028-602	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-96-5	Manganese	2.71	2.71
KAFB-106028	GW028-602	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-89-6	Iron	< 0.103	0.103
KAFB-106230	GW230-202	4/19/2020	N	INITIAL	5		KR428	14808-79-8	Sulfate	58.4	58.4
KAFB-106230	GW230-202	4/19/2020	N	INITIAL	5		KR428	24959-67-9	Bromide	< 2.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106230	GW230-202	4/19/2020	N	INITIAL	50		KR428	16887-00-6	Chloride	32.9	32.9
KAFB-106230	GW230-202	4/25/2020	N	INITIAL	1		KR428	NNN	Nitrogen as nitrate + nitrite	0.88	0.88
KAFB-106230	GW230-202	4/15/2020	N	INITIAL	1		KR428	ALK	Alkalinity, total (as CaCO3)	97.4	97.4
KAFB-106230	GW230-202	4/15/2020	N	INITIAL	1		KR428	ALK-B	Alkalinity, bicarbonate (as CaCO3)	97.4	97.4
KAFB-106230	GW230-202	4/15/2020	N	INITIAL	1		KR428	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106230	GW230-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7439-95-4	Magnesium	6.32	6.32
KAFB-106230	GW230-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-23-5	Sodium	23.4	23.4
KAFB-106230	GW230-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-70-2	Calcium	46.7	46.7
KAFB-106230	GW230-202	4/20/2020	T	INITIAL	1	SW3005A	KR428	7440-09-7	Potassium	2.65	2.65
KAFB-106230	GW230-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7439-92-1	Lead	0.00012	0.00012
KAFB-106230	GW230-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7440-38-2	Arsenic	0.00098	0.00098
KAFB-106230	GW230-202	4/17/2020	N	INITIAL	1	METHOD	KR428	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106230	GW230-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106230	GW230-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-89-6	Iron	< 0.103	0.103
KAFB-106207	GW207-202	4/19/2020	N	INITIAL	5		KR428	14808-79-8	Sulfate	55.8	55.8
KAFB-106207	GW207-202	4/19/2020	N	INITIAL	5		KR428	24959-67-9	Bromide	< 2.0	2
KAFB-106207	GW207-202	4/19/2020	N	INITIAL	50		KR428	16887-00-6	Chloride	52.9	52.9
KAFB-106207	GW207-202	4/25/2020	N	INITIAL	1		KR428	NNN	Nitrogen as nitrate + nitrite	1.2	1.2
KAFB-106207	GW207-202	4/16/2020	N	INITIAL	1		KR428	ALK	Alkalinity, total (as CaCO3)	99.2	99.2
KAFB-106207	GW207-202	4/16/2020	N	INITIAL	1		KR428	ALK-B	Alkalinity, bicarbonate (as CaCO3)	99.2	99.2
KAFB-106207	GW207-202	4/16/2020	N	INITIAL	1		KR428	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106207	GW207-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7439-95-4	Magnesium	7.50	7.5
KAFB-106207	GW207-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-23-5	Sodium	25.5	25.5
KAFB-106207	GW207-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-70-2	Calcium	55.3	55.3
KAFB-106207	GW207-202	4/20/2020	T	INITIAL	1	SW3005A	KR428	7440-09-7	Potassium	2.80	2.8
KAFB-106207	GW207-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106207	GW207-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7440-38-2	Arsenic	0.00073	0.00073
KAFB-106207	GW207-202	4/17/2020	N	INITIAL	1	METHOD	KR428	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106207	GW207-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106207	GW207-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-89-6	Iron	< 0.103	0.103
KAFB-106208	GW208-202	4/19/2020	N	INITIAL	5		KR428	14808-79-8	Sulfate	55.8	55.8
KAFB-106208	GW208-202	4/19/2020	N	INITIAL	5		KR428	24959-67-9	Bromide	< 2.0	2
KAFB-106208	GW208-202	4/19/2020	N	INITIAL	50		KR428	16887-00-6	Chloride	43.2	43.2
KAFB-106208	GW208-202	4/25/2020	N	INITIAL	1		KR428	NNN	Nitrogen as nitrate + nitrite	1.0	1
KAFB-106208	GW208-202	4/15/2020	N	INITIAL	1		KR428	ALK	Alkalinity, total (as CaCO3)	98.9	98.9
KAFB-106208	GW208-202	4/15/2020	N	INITIAL	1		KR428	ALK-B	Alkalinity, bicarbonate (as CaCO3)	98.9	98.9
KAFB-106208	GW208-202	4/15/2020	N	INITIAL	1		KR428	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106208	GW208-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7439-95-4	Magnesium	6.77	6.77
KAFB-106208	GW208-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-23-5	Sodium	25.4	25.4
KAFB-106208	GW208-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-70-2	Calcium	49.8	49.8
KAFB-106208	GW208-202	4/20/2020	T	INITIAL	1	SW3005A	KR428	7440-09-7	Potassium	2.74	2.74
KAFB-106208	GW208-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106208	GW208-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7440-38-2	Arsenic	0.00077	0.00077
KAFB-106208	GW208-202	4/17/2020	N	INITIAL	1	METHOD	KR428	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106208	GW208-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106208	GW208-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-89-6	Iron	< 0.103	0.103
KAFB-106208	GW208-602	4/19/2020	N	INITIAL	5		KR428	14808-79-8	Sulfate	56.1	56.1
KAFB-106208	GW208-602	4/19/2020	N	INITIAL	5		KR428	24959-67-9	Bromide	< 2.0	2
KAFB-106208	GW208-602	4/19/2020	N	INITIAL	50		KR428	16887-00-6	Chloride	44.4	44.4
KAFB-106208	GW208-602	4/25/2020	N	INITIAL	1		KR428	NNN	Nitrogen as nitrate + nitrite	1.0	1
KAFB-106208	GW208-602	4/16/2020	N	INITIAL	1		KR428	ALK	Alkalinity, total (as CaCO3)	98.9	98.9
KAFB-106208	GW208-602	4/16/2020	N	INITIAL	1		KR428	ALK-B	Alkalinity, bicarbonate (as CaCO3)	98.9	98.9
KAFB-106208	GW208-602	4/16/2020	N	INITIAL	1		KR428	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106208	GW208-602	4/19/2020	T	INITIAL	1	SW3005A	KR428	7439-95-4	Magnesium	6.70	6.7
KAFB-106208	GW208-602	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-23-5	Sodium	25.1	25.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106208	GW208-602	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-70-2	Calcium	49.3	49.3
KAFB-106208	GW208-602	4/20/2020	T	INITIAL	1	SW3005A	KR428	7440-09-7	Potassium	2.67	2.67
KAFB-106208	GW208-602	4/15/2020	T	INITIAL	1	SW3020A	KR428	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106208	GW208-602	4/15/2020	T	INITIAL	1	SW3020A	KR428	7440-38-2	Arsenic	0.00081	0.00081
KAFB-106208	GW208-602	4/17/2020	N	INITIAL	1	METHOD	KR428	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106208	GW208-602	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106208	GW208-602	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-89-6	Iron	< 0.103	0.103
KAFB-106S8-451	GWS8-451-202	4/19/2020	N	INITIAL	5		KR428	14808-79-8	Sulfate	8.1	8.1
KAFB-106S8-451	GWS8-451-202	4/19/2020	N	INITIAL	5		KR428	16887-00-6	Chloride	12.2	12.2
KAFB-106S8-451	GWS8-451-202	4/19/2020	N	INITIAL	5		KR428	24959-67-9	Bromide	< 2.0	2
KAFB-106S8-451	GWS8-451-202	4/25/2020	N	INITIAL	1		KR428	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S8-451	GWS8-451-202	4/15/2020	N	INITIAL	1		KR428	ALK	Alkalinity, total (as CaCO3)	456	456
KAFB-106S8-451	GWS8-451-202	4/15/2020	N	INITIAL	1		KR428	ALK-B	Alkalinity, bicarbonate (as CaCO3)	456	456
KAFB-106S8-451	GWS8-451-202	4/15/2020	N	INITIAL	1		KR428	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S8-451	GWS8-451-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7439-95-4	Magnesium	24.7	24.7
KAFB-106S8-451	GWS8-451-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-23-5	Sodium	39.4	39.4
KAFB-106S8-451	GWS8-451-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-70-2	Calcium	158	158
KAFB-106S8-451	GWS8-451-202	4/20/2020	T	INITIAL	1	SW3005A	KR428	7440-09-7	Potassium	4.06	4.06
KAFB-106S8-451	GWS8-451-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106S8-451	GWS8-451-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7440-38-2	Arsenic	0.0023	0.0023
KAFB-106S8-451	GWS8-451-202	4/23/2020	N	INITIAL	4000	METHOD	KR428	106-93-4	1,2-Dibromoethane	400	400
KAFB-106S8-451	GWS8-451-202	4/21/2020	N	INITIAL	5	SW5030C	KR428	100-41-4	Ethylbenzene	210	210
KAFB-106S8-451	GWS8-451-202	4/21/2020	N	INITIAL	5	SW5030C	KR428	1330-20-7	Xylenes, total	2100	2100
KAFB-106S8-451	GWS8-451-202	4/21/2020	N	DILUTION1	50	SW5030C	KR428	108-88-3	Toluene	6400	6400
KAFB-106S8-451	GWS8-451-202	4/21/2020	N	DILUTION1	50	SW5030C	KR428	71-43-2	Benzene	4400	4400
KAFB-106S8-451	GWS8-451-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-96-5	Manganese	1.64	1.64
KAFB-106S8-451	GWS8-451-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-89-6	Iron	0.483	0.483
KAFB-106209	GW209-202	4/19/2020	N	INITIAL	5		KR428	14808-79-8	Sulfate	32.5	32.5
KAFB-106209	GW209-202	4/19/2020	N	INITIAL	5		KR428	16887-00-6	Chloride	16.4	16.4
KAFB-106209	GW209-202	4/19/2020	N	INITIAL	5		KR428	24959-67-9	Bromide	< 2.0	2
KAFB-106209	GW209-202	4/25/2020	N	INITIAL	1		KR428	NNN	Nitrogen as nitrate + nitrite	0.20	0.2
KAFB-106209	GW209-202	4/16/2020	N	INITIAL	1		KR428	ALK	Alkalinity, total (as CaCO3)	108	108
KAFB-106209	GW209-202	4/16/2020	N	INITIAL	1		KR428	ALK-B	Alkalinity, bicarbonate (as CaCO3)	108	108
KAFB-106209	GW209-202	4/16/2020	N	INITIAL	1		KR428	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106209	GW209-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7439-95-4	Magnesium	4.87	4.87
KAFB-106209	GW209-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-23-5	Sodium	22.1	22.1
KAFB-106209	GW209-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-70-2	Calcium	35.8	35.8
KAFB-106209	GW209-202	4/20/2020	T	INITIAL	1	SW3005A	KR428	7440-09-7	Potassium	< 0.375	0.375
KAFB-106209	GW209-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106209	GW209-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106209	GW209-202	4/17/2020	N	INITIAL	1	METHOD	KR428	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106209	GW209-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106209	GW209-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-89-6	Iron	< 0.103	0.103
KAFB-106S3-449	GWS3-449-202	4/30/2020	N	INITIAL	5		KR428	14808-79-8	Sulfate	2.7	2.7
KAFB-106S3-449	GWS3-449-202	4/30/2020	N	INITIAL	5		KR428	24959-67-9	Bromide	3.2	3.2
KAFB-106S3-449	GWS3-449-202	4/30/2020	N	INITIAL	50		KR428	16887-00-6	Chloride	140	140
KAFB-106S3-449	GWS3-449-202	4/25/2020	N	INITIAL	1		KR428	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S3-449	GWS3-449-202	4/15/2020	N	INITIAL	1		KR428	ALK	Alkalinity, total (as CaCO3)	443	443
KAFB-106S3-449	GWS3-449-202	4/15/2020	N	INITIAL	1		KR428	ALK-B	Alkalinity, bicarbonate (as CaCO3)	443	443
KAFB-106S3-449	GWS3-449-202	4/15/2020	N	INITIAL	1		KR428	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S3-449	GWS3-449-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7439-95-4	Magnesium	25.7	25.7
KAFB-106S3-449	GWS3-449-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-23-5	Sodium	41.2	41.2
KAFB-106S3-449	GWS3-449-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-70-2	Calcium	150	150
KAFB-106S3-449	GWS3-449-202	4/20/2020	T	INITIAL	1	SW3005A	KR428	7440-09-7	Potassium	4.38	4.38
KAFB-106S3-449	GWS3-449-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7439-92-1	Lead	0.00076	0.00076

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S3-449	GWS3-449-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7440-38-2	Arsenic	0.0055	0.0055
KAFB-106S3-449	GWS3-449-202	4/23/2020	N	INITIAL	400	METHOD	KR428	106-93-4	1,2-Dibromoethane	35	35
KAFB-106S3-449	GWS3-449-202	4/20/2020	N	INITIAL	5	SW5030C	KR428	100-41-4	Ethylbenzene	720	720
KAFB-106S3-449	GWS3-449-202	4/20/2020	N	INITIAL	5	SW5030C	KR428	108-88-3	Toluene	1300	1300
KAFB-106S3-449	GWS3-449-202	4/20/2020	N	INITIAL	5	SW5030C	KR428	1330-20-7	Xylenes, total	2200	2200
KAFB-106S3-449	GWS3-449-202	4/20/2020	N	DILUTION1	50	SW5030C	KR428	71-43-2	Benzene	3800	3800
KAFB-106S3-449	GWS3-449-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-96-5	Manganese	6.41	6.41
KAFB-106S3-449	GWS3-449-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-89-6	Iron	8.55	8.55
KAFB-106023	GW023-202	4/19/2020	N	INITIAL	5		KR428	14808-79-8	Sulfate	33.9	33.9
KAFB-106023	GW023-202	4/19/2020	N	INITIAL	5		KR428	16887-00-6	Chloride	12.9	12.9
KAFB-106023	GW023-202	4/19/2020	N	INITIAL	5		KR428	24959-67-9	Bromide	< 2.0	2
KAFB-106023	GW023-202	4/25/2020	N	INITIAL	1		KR428	NNN	Nitrogen as nitrate + nitrite	0.24	0.24
KAFB-106023	GW023-202	4/16/2020	N	INITIAL	1		KR428	ALK	Alkalinity, total (as CaCO3)	112	112
KAFB-106023	GW023-202	4/16/2020	N	INITIAL	1		KR428	ALK-B	Alkalinity, bicarbonate (as CaCO3)	112	112
KAFB-106023	GW023-202	4/16/2020	N	INITIAL	1		KR428	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106023	GW023-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7439-95-4	Magnesium	4.73	4.73
KAFB-106023	GW023-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-23-5	Sodium	24.1	24.1
KAFB-106023	GW023-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-70-2	Calcium	35.3	35.3
KAFB-106023	GW023-202	4/20/2020	T	INITIAL	1	SW3005A	KR428	7440-09-7	Potassium	< 0.375	0.375
KAFB-106023	GW023-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106023	GW023-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106023	GW023-202	4/17/2020	N	INITIAL	1	METHOD	KR428	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106023	GW023-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106023	GW023-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-89-6	Iron	< 0.103	0.103
KAFB-106079	GW079-202	4/30/2020	N	INITIAL	5		KR428	14808-79-8	Sulfate	55.5	55.5
KAFB-106079	GW079-202	4/30/2020	N	INITIAL	5		KR428	24959-67-9	Bromide	< 2.0	2
KAFB-106079	GW079-202	4/30/2020	N	INITIAL	50		KR428	16887-00-6	Chloride	48.7	48.7
KAFB-106079	GW079-202	4/25/2020	N	INITIAL	1		KR428	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106079	GW079-202	4/16/2020	N	INITIAL	1		KR428	ALK	Alkalinity, total (as CaCO3)	281	281
KAFB-106079	GW079-202	4/16/2020	N	INITIAL	1		KR428	ALK-B	Alkalinity, bicarbonate (as CaCO3)	281	281
KAFB-106079	GW079-202	4/16/2020	N	INITIAL	1		KR428	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106079	GW079-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7439-95-4	Magnesium	17.0	17
KAFB-106079	GW079-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-23-5	Sodium	35.0	35
KAFB-106079	GW079-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-70-2	Calcium	96.9	96.9
KAFB-106079	GW079-202	4/20/2020	T	INITIAL	1	SW3005A	KR428	7440-09-7	Potassium	3.28	3.28
KAFB-106079	GW079-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7439-92-1	Lead	0.00018	0.00018
KAFB-106079	GW079-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106079	GW079-202	4/17/2020	N	INITIAL	1	METHOD	KR428	106-93-4	1,2-Dibromoethane	0.012	0.012
KAFB-106079	GW079-202	4/20/2020	N	INITIAL	1	SW5030C	KR428	100-41-4	Ethylbenzene	0.5	0.5
KAFB-106079	GW079-202	4/20/2020	N	INITIAL	1	SW5030C	KR428	108-88-3	Toluene	0.3	0.3
KAFB-106079	GW079-202	4/20/2020	N	INITIAL	1	SW5030C	KR428	1330-20-7	Xylenes, total	< 2	2
KAFB-106079	GW079-202	4/20/2020	N	INITIAL	1	SW5030C	KR428	71-43-2	Benzene	1	1
KAFB-106079	GW079-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-96-5	Manganese	3.49	3.49
KAFB-106079	GW079-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-89-6	Iron	1.88	1.88
KAFB-106103	GW103-202	4/19/2020	N	INITIAL	5		KR428	16887-00-6	Chloride	9.0	9
KAFB-106103	GW103-202	4/19/2020	N	INITIAL	5		KR428	24959-67-9	Bromide	< 2.0	2
KAFB-106103	GW103-202	4/30/2020	N	INITIAL	5		KR428	14808-79-8	Sulfate	29.5	29.5
KAFB-106103	GW103-202	4/25/2020	N	INITIAL	1		KR428	NNN	Nitrogen as nitrate + nitrite	0.072	0.072
KAFB-106103	GW103-202	4/16/2020	N	INITIAL	1		KR428	ALK	Alkalinity, total (as CaCO3)	113	113
KAFB-106103	GW103-202	4/16/2020	N	INITIAL	1		KR428	ALK-B	Alkalinity, bicarbonate (as CaCO3)	113	113
KAFB-106103	GW103-202	4/16/2020	N	INITIAL	1		KR428	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106103	GW103-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7439-95-4	Magnesium	4.43	4.43
KAFB-106103	GW103-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-23-5	Sodium	23.2	23.2
KAFB-106103	GW103-202	4/19/2020	T	INITIAL	1	SW3005A	KR428	7440-70-2	Calcium	32.8	32.8
KAFB-106103	GW103-202	4/20/2020	T	INITIAL	1	SW3005A	KR428	7440-09-7	Potassium	< 0.375	0.375

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106103	GW103-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106103	GW103-202	4/15/2020	T	INITIAL	1	SW3020A	KR428	7440-38-2	Arsenic	0.0010	0.001
KAFB-106103	GW103-202	4/17/2020	N	INITIAL	1	METHOD	KR428	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106103	GW103-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106103	GW103-202	4/16/2020	D	INITIAL	1	SW3005A	KR428	7439-89-6	Iron	< 0.103	0.103
KAFB-106152-484	GW152-484-202	4/23/2020	N	INITIAL	5		KR429	14808-79-8	Sulfate	5.2	5.2
KAFB-106152-484	GW152-484-202	4/23/2020	N	INITIAL	5		KR429	24959-67-9	Bromide	2.0	2
KAFB-106152-484	GW152-484-202	4/23/2020	N	INITIAL	50		KR429	16887-00-6	Chloride	70.0	70
KAFB-106152-484	GW152-484-202	4/27/2020	N	INITIAL	1		KR429	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106152-484	GW152-484-202	4/22/2020	N	INITIAL	1		KR429	ALK	Alkalinity, total (as CaCO3)	447	447
KAFB-106152-484	GW152-484-202	4/22/2020	N	INITIAL	1		KR429	ALK-B	Alkalinity, bicarbonate (as CaCO3)	447	447
KAFB-106152-484	GW152-484-202	4/22/2020	N	INITIAL	1		KR429	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106152-484	GW152-484-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7439-95-4	Magnesium	23.4	23.4
KAFB-106152-484	GW152-484-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-09-7	Potassium	4.08	4.08
KAFB-106152-484	GW152-484-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-23-5	Sodium	39.5	39.5
KAFB-106152-484	GW152-484-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-70-2	Calcium	144	144
KAFB-106152-484	GW152-484-202	4/24/2020	T	INITIAL	1	SW3020A	KR429	7439-92-1	Lead	0.00055	0.00055
KAFB-106152-484	GW152-484-202	4/24/2020	T	INITIAL	1	SW3020A	KR429	7440-38-2	Arsenic	0.00097	0.00097
KAFB-106152-484	GW152-484-202	4/22/2020	N	INITIAL	1	METHOD	KR429	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106152-484	GW152-484-202	4/27/2020	N	INITIAL	1	SW5030C	KR429	108-88-3	Toluene	26	26
KAFB-106152-484	GW152-484-202	4/27/2020	N	DILUTION1	10	SW5030C	KR429	100-41-4	Ethylbenzene	310	310
KAFB-106152-484	GW152-484-202	4/27/2020	N	DILUTION1	10	SW5030C	KR429	1330-20-7	Xylenes, total	320	320
KAFB-106152-484	GW152-484-202	4/27/2020	N	DILUTION1	10	SW5030C	KR429	71-43-2	Benzene	540	540
KAFB-106152-484	GW152-484-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-89-6	Iron	0.416	0.416
KAFB-106152-484	GW152-484-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-96-5	Manganese	3.71	3.71
KAFB-106104	GW104-202	4/22/2020	N	INITIAL	5		KR429	14808-79-8	Sulfate	29.7	29.7
KAFB-106104	GW104-202	4/22/2020	N	INITIAL	5		KR429	16887-00-6	Chloride	9.4	9.4
KAFB-106104	GW104-202	4/22/2020	N	INITIAL	5		KR429	24959-67-9	Bromide	< 2.0	2
KAFB-106104	GW104-202	4/27/2020	N	INITIAL	1		KR429	NNN	Nitrogen as nitrate + nitrite	0.043	0.043
KAFB-106104	GW104-202	4/22/2020	N	INITIAL	1		KR429	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106104	GW104-202	4/22/2020	N	INITIAL	1		KR429	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106104	GW104-202	4/22/2020	N	INITIAL	1		KR429	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106104	GW104-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7439-95-4	Magnesium	4.16	4.16
KAFB-106104	GW104-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-09-7	Potassium	2.00	2
KAFB-106104	GW104-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-23-5	Sodium	23.2	23.2
KAFB-106104	GW104-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-70-2	Calcium	31.6	31.6
KAFB-106104	GW104-202	4/24/2020	T	INITIAL	1	SW3020A	KR429	7439-92-1	Lead	0.0012	0.0012
KAFB-106104	GW104-202	4/24/2020	T	INITIAL	1	SW3020A	KR429	7440-38-2	Arsenic	0.0040	0.004
KAFB-106104	GW104-202	4/22/2020	N	INITIAL	1	METHOD	KR429	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106104	GW104-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-89-6	Iron	< 0.103	0.103
KAFB-106104	GW104-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106S5-446	GWS5-446-202	4/22/2020	N	INITIAL	5		KR429	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106S5-446	GWS5-446-202	4/22/2020	N	INITIAL	5		KR429	16887-00-6	Chloride	23.0	23
KAFB-106S5-446	GWS5-446-202	4/22/2020	N	INITIAL	5		KR429	24959-67-9	Bromide	< 2.0	2
KAFB-106S5-446	GWS5-446-202	4/27/2020	N	INITIAL	1		KR429	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S5-446	GWS5-446-202	4/22/2020	N	INITIAL	1		KR429	ALK	Alkalinity, total (as CaCO3)	264	264
KAFB-106S5-446	GWS5-446-202	4/22/2020	N	INITIAL	1		KR429	ALK-B	Alkalinity, bicarbonate (as CaCO3)	264	264
KAFB-106S5-446	GWS5-446-202	4/22/2020	N	INITIAL	1		KR429	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S5-446	GWS5-446-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7439-95-4	Magnesium	11.3	11.3
KAFB-106S5-446	GWS5-446-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-23-5	Sodium	27.2	27.2
KAFB-106S5-446	GWS5-446-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-70-2	Calcium	68.0	68
KAFB-106S5-446	GWS5-446-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-09-7	Potassium	2.90	2.9
KAFB-106S5-446	GWS5-446-202	4/23/2020	T	INITIAL	1	SW3020A	KR429	7439-92-1	Lead	0.00091	0.00091
KAFB-106S5-446	GWS5-446-202	4/23/2020	T	INITIAL	1	SW3020A	KR429	7440-38-2	Arsenic	0.0037	0.0037
KAFB-106S5-446	GWS5-446-202	4/23/2020	N	INITIAL	100	METHOD	KR429	106-93-4	1,2-Dibromoethane	11	11

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S5-446	GWS5-446-202	4/28/2020	N	INITIAL	10	SW5030C	KR429	100-41-4	Ethylbenzene	1500	1500
KAFB-106S5-446	GWS5-446-202	4/28/2020	N	INITIAL	10	SW5030C	KR429	1330-20-7	Xylenes, total	2900	2900
KAFB-106S5-446	GWS5-446-202	4/28/2020	N	INITIAL	10	SW5030C	KR429	71-43-2	Benzene	1900	1900
KAFB-106S5-446	GWS5-446-202	4/28/2020	N	DILUTION1	100	SW5030C	KR429	108-88-3	Toluene	5200	5200
KAFB-106S5-446	GWS5-446-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-89-6	Iron	1.99	1.99
KAFB-106S5-446	GWS5-446-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-96-5	Manganese	2.20	2.2
KAFB-106070	GW070-202	4/22/2020	N	INITIAL	5		KR429	14808-79-8	Sulfate	33.3	33.3
KAFB-106070	GW070-202	4/22/2020	N	INITIAL	5		KR429	16887-00-6	Chloride	22.3	22.3
KAFB-106070	GW070-202	4/22/2020	N	INITIAL	5		KR429	24959-67-9	Bromide	< 2.0	2
KAFB-106070	GW070-202	4/27/2020	N	INITIAL	1		KR429	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106070	GW070-202	4/22/2020	N	INITIAL	1		KR429	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106070	GW070-202	4/22/2020	N	INITIAL	1		KR429	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106070	GW070-202	4/22/2020	N	INITIAL	1		KR429	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106070	GW070-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7439-95-4	Magnesium	5.79	5.79
KAFB-106070	GW070-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-09-7	Potassium	2.40	2.4
KAFB-106070	GW070-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-23-5	Sodium	22.6	22.6
KAFB-106070	GW070-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-70-2	Calcium	42.9	42.9
KAFB-106070	GW070-202	4/23/2020	T	INITIAL	1	SW3020A	KR429	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106070	GW070-202	4/23/2020	T	INITIAL	1	SW3020A	KR429	7440-38-2	Arsenic	0.00095	0.00095
KAFB-106070	GW070-202	4/22/2020	N	INITIAL	1	METHOD	KR429	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106070	GW070-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-89-6	Iron	0.0819	0.0819
KAFB-106070	GW070-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-96-5	Manganese	0.0878	0.0878
KAFB-106070	GW070-602	4/22/2020	N	INITIAL	5		KR429	14808-79-8	Sulfate	31.5	31.5
KAFB-106070	GW070-602	4/22/2020	N	INITIAL	5		KR429	16887-00-6	Chloride	21.7	21.7
KAFB-106070	GW070-602	4/22/2020	N	INITIAL	5		KR429	24959-67-9	Bromide	< 2.0	2
KAFB-106070	GW070-602	4/27/2020	N	INITIAL	1		KR429	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106070	GW070-602	4/22/2020	N	INITIAL	1		KR429	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106070	GW070-602	4/22/2020	N	INITIAL	1		KR429	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106070	GW070-602	4/22/2020	N	INITIAL	1		KR429	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106070	GW070-602	4/28/2020	T	INITIAL	1	SW3005A	KR429	7439-95-4	Magnesium	6.26	6.26
KAFB-106070	GW070-602	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-23-5	Sodium	23.5	23.5
KAFB-106070	GW070-602	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-70-2	Calcium	45.0	45
KAFB-106070	GW070-602	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-09-7	Potassium	2.57	2.57
KAFB-106070	GW070-602	4/23/2020	T	INITIAL	1	SW3020A	KR429	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106070	GW070-602	4/23/2020	T	INITIAL	1	SW3020A	KR429	7440-38-2	Arsenic	0.00069	0.00069
KAFB-106070	GW070-602	4/22/2020	N	INITIAL	1	METHOD	KR429	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106070	GW070-602	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-89-6	Iron	0.174	0.174
KAFB-106070	GW070-602	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-96-5	Manganese	0.0746	0.0746
KAFB-106S7-451	GWS7-451-202	4/22/2020	N	INITIAL	5		KR431	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106S7-451	GWS7-451-202	4/22/2020	N	INITIAL	5		KR431	24959-67-9	Bromide	< 2.0	2
KAFB-106S7-451	GWS7-451-202	4/28/2020	N	INITIAL	10		KR431	16887-00-6	Chloride	34.7	34.7
KAFB-106S7-451	GWS7-451-202	4/27/2020	N	INITIAL	1		KR431	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S7-451	GWS7-451-202	4/22/2020	N	INITIAL	1		KR431	ALK	Alkalinity, total (as CaCO3)	371	371
KAFB-106S7-451	GWS7-451-202	4/22/2020	N	INITIAL	1		KR431	ALK-B	Alkalinity, bicarbonate (as CaCO3)	371	371
KAFB-106S7-451	GWS7-451-202	4/22/2020	N	INITIAL	1		KR431	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S7-451	GWS7-451-202	4/28/2020	T	INITIAL	1	SW3005A	KR431	7439-95-4	Magnesium	19.4	19.4
KAFB-106S7-451	GWS7-451-202	4/28/2020	T	INITIAL	1	SW3005A	KR431	7440-23-5	Sodium	36.3	36.3
KAFB-106S7-451	GWS7-451-202	4/28/2020	T	INITIAL	1	SW3005A	KR431	7440-70-2	Calcium	115	115
KAFB-106S7-451	GWS7-451-202	4/28/2020	T	INITIAL	1	SW3005A	KR431	7440-09-7	Potassium	3.85	3.85
KAFB-106S7-451	GWS7-451-202	4/24/2020	T	INITIAL	1	SW3020A	KR431	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106S7-451	GWS7-451-202	4/24/2020	T	INITIAL	1	SW3020A	KR431	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106S7-451	GWS7-451-202	4/28/2020	N	INITIAL	400	METHOD	KR431	106-93-4	1,2-Dibromoethane	39	39
KAFB-106S7-451	GWS7-451-202	4/28/2020	N	INITIAL	20	SW5030C	KR431	100-41-4	Ethylbenzene	640	640
KAFB-106S7-451	GWS7-451-202	4/28/2020	N	INITIAL	20	SW5030C	KR431	108-88-3	Toluene	1700	1700
KAFB-106S7-451	GWS7-451-202	4/28/2020	N	INITIAL	20	SW5030C	KR431	1330-20-7	Xylenes, total	2200	2200

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S7-451	GWS7-451-202	4/28/2020	N	INITIAL	20	SW5030C	KR431	71-43-2	Benzene	1200	1200
KAFB-106S7-451	GWS7-451-202	4/26/2020	D	INITIAL	1	SW3005A	KR431	7439-89-6	Iron	4.34	4.34
KAFB-106S7-451	GWS7-451-202	4/26/2020	D	INITIAL	1	SW3005A	KR431	7439-96-5	Manganese	4.65	4.65
KAFB-106072	GW072-202	4/22/2020	N	INITIAL	5		KR429	14808-79-8	Sulfate	37.6	37.6
KAFB-106072	GW072-202	4/22/2020	N	INITIAL	5		KR429	16887-00-6	Chloride	19.1	19.1
KAFB-106072	GW072-202	4/22/2020	N	INITIAL	5		KR429	24959-67-9	Bromide	< 2.0	2
KAFB-106072	GW072-202	4/27/2020	N	INITIAL	1		KR429	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106072	GW072-202	4/22/2020	N	INITIAL	1		KR429	ALK	Alkalinity, total (as CaCO3)	124	124
KAFB-106072	GW072-202	4/22/2020	N	INITIAL	1		KR429	ALK-B	Alkalinity, bicarbonate (as CaCO3)	124	124
KAFB-106072	GW072-202	4/22/2020	N	INITIAL	1		KR429	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106072	GW072-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7439-95-4	Magnesium	5.92	5.92
KAFB-106072	GW072-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-09-7	Potassium	2.37	2.37
KAFB-106072	GW072-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-23-5	Sodium	22.9	22.9
KAFB-106072	GW072-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-70-2	Calcium	43.7	43.7
KAFB-106072	GW072-202	4/22/2020	T	INITIAL	1	SW3020A	KR429	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106072	GW072-202	4/22/2020	T	INITIAL	1	SW3020A	KR429	7440-38-2	Arsenic	0.00081	0.00081
KAFB-106072	GW072-202	4/22/2020	N	INITIAL	1	METHOD	KR429	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106072	GW072-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-89-6	Iron	0.0704	0.0704
KAFB-106072	GW072-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-96-5	Manganese	0.109	0.109
KAFB-106071	GW071-202	4/22/2020	N	INITIAL	5		KR429	14808-79-8	Sulfate	30.4	30.4
KAFB-106071	GW071-202	4/22/2020	N	INITIAL	5		KR429	16887-00-6	Chloride	16.4	16.4
KAFB-106071	GW071-202	4/22/2020	N	INITIAL	5		KR429	24959-67-9	Bromide	< 2.0	2
KAFB-106071	GW071-202	4/27/2020	N	INITIAL	1		KR429	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106071	GW071-202	4/22/2020	N	INITIAL	1		KR429	ALK	Alkalinity, total (as CaCO3)	106	106
KAFB-106071	GW071-202	4/22/2020	N	INITIAL	1		KR429	ALK-B	Alkalinity, bicarbonate (as CaCO3)	106	106
KAFB-106071	GW071-202	4/22/2020	N	INITIAL	1		KR429	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106071	GW071-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7439-95-4	Magnesium	4.52	4.52
KAFB-106071	GW071-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-09-7	Potassium	2.08	2.08
KAFB-106071	GW071-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-23-5	Sodium	21.2	21.2
KAFB-106071	GW071-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-70-2	Calcium	33.7	33.7
KAFB-106071	GW071-202	4/24/2020	T	INITIAL	1	SW3020A	KR429	7439-92-1	Lead	0.00029	0.00029
KAFB-106071	GW071-202	4/24/2020	T	INITIAL	1	SW3020A	KR429	7440-38-2	Arsenic	0.00084	0.00084
KAFB-106071	GW071-202	4/22/2020	N	INITIAL	1	METHOD	KR429	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106071	GW071-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-89-6	Iron	< 0.103	0.103
KAFB-106071	GW071-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106151-484	GW151-484-202	4/22/2020	N	INITIAL	5		KR429	24959-67-9	Bromide	< 2.0	2
KAFB-106151-484	GW151-484-202	4/22/2020	N	INITIAL	50		KR429	14808-79-8	Sulfate	192	192
KAFB-106151-484	GW151-484-202	4/22/2020	N	INITIAL	50		KR429	16887-00-6	Chloride	72.8	72.8
KAFB-106151-484	GW151-484-202	4/27/2020	N	INITIAL	1		KR429	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106151-484	GW151-484-202	4/22/2020	N	INITIAL	1		KR429	ALK	Alkalinity, total (as CaCO3)	266	266
KAFB-106151-484	GW151-484-202	4/22/2020	N	INITIAL	1		KR429	ALK-B	Alkalinity, bicarbonate (as CaCO3)	266	266
KAFB-106151-484	GW151-484-202	4/22/2020	N	INITIAL	1		KR429	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106151-484	GW151-484-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7439-95-4	Magnesium	21.4	21.4
KAFB-106151-484	GW151-484-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-23-5	Sodium	35.5	35.5
KAFB-106151-484	GW151-484-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-70-2	Calcium	138	138
KAFB-106151-484	GW151-484-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-09-7	Potassium	3.71	3.71
KAFB-106151-484	GW151-484-202	4/23/2020	T	INITIAL	1	SW3020A	KR429	7439-92-1	Lead	0.00024	0.00024
KAFB-106151-484	GW151-484-202	4/23/2020	T	INITIAL	1	SW3020A	KR429	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106151-484	GW151-484-202	4/23/2020	N	INITIAL	20	METHOD	KR429	106-93-4	1,2-Dibromoethane	2.6	2.6
KAFB-106151-484	GW151-484-202	4/28/2020	N	INITIAL	5	SW5030C	KR429	100-41-4	Ethylbenzene	690	690
KAFB-106151-484	GW151-484-202	4/28/2020	N	INITIAL	5	SW5030C	KR429	1330-20-7	Xylenes, total	890	890
KAFB-106151-484	GW151-484-202	4/28/2020	N	DILUTION1	50	SW5030C	KR429	108-88-3	Toluene	1700	1700
KAFB-106151-484	GW151-484-202	4/28/2020	N	DILUTION1	50	SW5030C	KR429	71-43-2	Benzene	2100	2100
KAFB-106151-484	GW151-484-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-89-6	Iron	< 0.103	0.103
KAFB-106151-484	GW151-484-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-96-5	Manganese	< 0.0052	0.0052

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106005	GW005-202	4/22/2020	N	INITIAL	5		KR429	24959-67-9	Bromide	3.4	3.4
KAFB-106005	GW005-202	4/22/2020	N	INITIAL	50		KR429	14808-79-8	Sulfate	201	201
KAFB-106005	GW005-202	4/22/2020	N	INITIAL	50		KR429	16887-00-6	Chloride	205	205
KAFB-106005	GW005-202	4/27/2020	N	INITIAL	1		KR429	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106005	GW005-202	4/22/2020	N	INITIAL	1		KR429	ALK	Alkalinity, total (as CaCO3)	226	226
KAFB-106005	GW005-202	4/22/2020	N	INITIAL	1		KR429	ALK-B	Alkalinity, bicarbonate (as CaCO3)	226	226
KAFB-106005	GW005-202	4/22/2020	N	INITIAL	1		KR429	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106005	GW005-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7439-95-4	Magnesium	29.7	29.7
KAFB-106005	GW005-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-23-5	Sodium	68.6	68.6
KAFB-106005	GW005-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-70-2	Calcium	167	167
KAFB-106005	GW005-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-09-7	Potassium	4.67	4.67
KAFB-106005	GW005-202	4/28/2020	T	INITIAL	1	SW3020A	KR429	7439-92-1	Lead	0.00016	0.00016
KAFB-106005	GW005-202	4/28/2020	T	INITIAL	1	SW3020A	KR429	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106005	GW005-202	4/28/2020	N	INITIAL	1	METHOD	KR429	106-93-4	1,2-Dibromoethane	0.016	0.016
KAFB-106005	GW005-202	4/27/2020	N	INITIAL	1	SW5030C	KR429	100-41-4	Ethylbenzene	110	110
KAFB-106005	GW005-202	4/27/2020	N	INITIAL	1	SW5030C	KR429	108-88-3	Toluene	2	2
KAFB-106005	GW005-202	4/27/2020	N	INITIAL	1	SW5030C	KR429	1330-20-7	Xylenes, total	160	160
KAFB-106005	GW005-202	4/27/2020	N	INITIAL	1	SW5030C	KR429	71-43-2	Benzene	12	12
KAFB-106005	GW005-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-89-6	Iron	< 0.103	0.103
KAFB-106005	GW005-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-96-5	Manganese	1.01	1.01
KAFB-106008	GW008-602	4/22/2020	N	INITIAL	5		KR429	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106008	GW008-602	4/22/2020	N	INITIAL	5		KR429	16887-00-6	Chloride	27.2	27.2
KAFB-106008	GW008-602	4/22/2020	N	INITIAL	5		KR429	24959-67-9	Bromide	< 2.0	2
KAFB-106008	GW008-602	4/27/2020	N	INITIAL	1		KR429	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106008	GW008-602	4/22/2020	N	INITIAL	1		KR429	ALK	Alkalinity, total (as CaCO3)	375	375
KAFB-106008	GW008-602	4/22/2020	N	INITIAL	1		KR429	ALK-B	Alkalinity, bicarbonate (as CaCO3)	375	375
KAFB-106008	GW008-602	4/22/2020	N	INITIAL	1		KR429	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106008	GW008-602	4/27/2020	T	INITIAL	1	SW3005A	KR429	7439-95-4	Magnesium	18.6	18.6
KAFB-106008	GW008-602	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-09-7	Potassium	3.35	3.35
KAFB-106008	GW008-602	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-23-5	Sodium	33.9	33.9
KAFB-106008	GW008-602	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-70-2	Calcium	113	113
KAFB-106008	GW008-602	4/24/2020	T	INITIAL	1	SW3020A	KR429	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106008	GW008-602	4/24/2020	T	INITIAL	1	SW3020A	KR429	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106008	GW008-602	4/28/2020	N	INITIAL	5	METHOD	KR429	106-93-4	1,2-Dibromoethane	0.72	0.72
KAFB-106008	GW008-602	4/28/2020	N	INITIAL	20	SW5030C	KR429	100-41-4	Ethylbenzene	380	380
KAFB-106008	GW008-602	4/28/2020	N	INITIAL	20	SW5030C	KR429	108-88-3	Toluene	4100	4100
KAFB-106008	GW008-602	4/28/2020	N	INITIAL	20	SW5030C	KR429	1330-20-7	Xylenes, total	1000	1000
KAFB-106008	GW008-602	4/28/2020	N	DILUTION1	200	SW5030C	KR429	71-43-2	Benzene	9100	9100
KAFB-106008	GW008-602	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-89-6	Iron	4.41	4.41
KAFB-106008	GW008-602	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-96-5	Manganese	5.00	5
KAFB-106008	GW008-202	4/22/2020	N	INITIAL	5		KR429	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106008	GW008-202	4/22/2020	N	INITIAL	5		KR429	16887-00-6	Chloride	29.6	29.6
KAFB-106008	GW008-202	4/22/2020	N	INITIAL	5		KR429	24959-67-9	Bromide	< 2.0	2
KAFB-106008	GW008-202	4/27/2020	N	INITIAL	1		KR429	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106008	GW008-202	4/22/2020	N	INITIAL	1		KR429	ALK	Alkalinity, total (as CaCO3)	379	379
KAFB-106008	GW008-202	4/22/2020	N	INITIAL	1		KR429	ALK-B	Alkalinity, bicarbonate (as CaCO3)	379	379
KAFB-106008	GW008-202	4/22/2020	N	INITIAL	1		KR429	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106008	GW008-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7439-95-4	Magnesium	17.7	17.7
KAFB-106008	GW008-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-09-7	Potassium	3.15	3.15
KAFB-106008	GW008-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-23-5	Sodium	32.1	32.1
KAFB-106008	GW008-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-70-2	Calcium	107	107
KAFB-106008	GW008-202	4/24/2020	T	INITIAL	1	SW3020A	KR429	7439-92-1	Lead	0.0132	0.0132
KAFB-106008	GW008-202	4/24/2020	T	INITIAL	1	SW3020A	KR429	7440-38-2	Arsenic	0.010	0.01
KAFB-106008	GW008-202	4/28/2020	N	INITIAL	5	METHOD	KR429	106-93-4	1,2-Dibromoethane	0.71	0.71
KAFB-106008	GW008-202	4/27/2020	N	INITIAL	20	SW5030C	KR429	100-41-4	Ethylbenzene	380	380

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106008	GW008-202	4/27/2020	N	INITIAL	20	SW5030C	KR429	108-88-3	Toluene	4000	4000
KAFB-106008	GW008-202	4/27/2020	N	INITIAL	20	SW5030C	KR429	1330-20-7	Xylenes, total	1000	1000
KAFB-106008	GW008-202	4/27/2020	N	DILUTION1	200	SW5030C	KR429	71-43-2	Benzene	8900	8900
KAFB-106008	GW008-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-89-6	Iron	4.39	4.39
KAFB-106008	GW008-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-96-5	Manganese	4.72	4.72
KAFB-106009	GW009-202	4/22/2020	N	INITIAL	5		KR429	24959-67-9	Bromide	2.8	2.8
KAFB-106009	GW009-202	4/22/2020	N	INITIAL	50		KR429	14808-79-8	Sulfate	183	183
KAFB-106009	GW009-202	4/22/2020	N	INITIAL	50		KR429	16887-00-6	Chloride	149	149
KAFB-106009	GW009-202	4/27/2020	N	INITIAL	2		KR429	NNN	Nitrogen as nitrate + nitrite	3.6	3.6
KAFB-106009	GW009-202	4/22/2020	N	INITIAL	1		KR429	ALK	Alkalinity, total (as CaCO3)	136	136
KAFB-106009	GW009-202	4/22/2020	N	INITIAL	1		KR429	ALK-B	Alkalinity, bicarbonate (as CaCO3)	136	136
KAFB-106009	GW009-202	4/22/2020	N	INITIAL	1		KR429	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106009	GW009-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7439-95-4	Magnesium	20.7	20.7
KAFB-106009	GW009-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-23-5	Sodium	44.3	44.3
KAFB-106009	GW009-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-70-2	Calcium	141	141
KAFB-106009	GW009-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-09-7	Potassium	3.59	3.59
KAFB-106009	GW009-202	4/23/2020	T	INITIAL	1	SW3020A	KR429	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106009	GW009-202	4/23/2020	T	INITIAL	1	SW3020A	KR429	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106009	GW009-202	4/23/2020	N	INITIAL	1	METHOD	KR429	106-93-4	1,2-Dibromoethane	0.016	0.016
KAFB-106009	GW009-202	4/27/2020	N	INITIAL	1	SW5030C	KR429	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106009	GW009-202	4/27/2020	N	INITIAL	1	SW5030C	KR429	108-88-3	Toluene	< 0.5	0.5
KAFB-106009	GW009-202	4/27/2020	N	INITIAL	1	SW5030C	KR429	1330-20-7	Xylenes, total	< 2	2
KAFB-106009	GW009-202	4/27/2020	N	INITIAL	1	SW5030C	KR429	71-43-2	Benzene	< 0.5	0.5
KAFB-106009	GW009-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-89-6	Iron	< 0.103	0.103
KAFB-106009	GW009-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-96-5	Manganese	0.0055	0.0055
KAFB-106009	GW009-602	4/22/2020	N	INITIAL	5		KR429	24959-67-9	Bromide	2.8	2.8
KAFB-106009	GW009-602	4/22/2020	N	INITIAL	50		KR429	14808-79-8	Sulfate	204	204
KAFB-106009	GW009-602	4/22/2020	N	INITIAL	50		KR429	16887-00-6	Chloride	154	154
KAFB-106009	GW009-602	4/27/2020	N	INITIAL	2		KR429	NNN	Nitrogen as nitrate + nitrite	3.5	3.5
KAFB-106009	GW009-602	4/22/2020	N	INITIAL	1		KR429	ALK	Alkalinity, total (as CaCO3)	127	127
KAFB-106009	GW009-602	4/22/2020	N	INITIAL	1		KR429	ALK-B	Alkalinity, bicarbonate (as CaCO3)	127	127
KAFB-106009	GW009-602	4/22/2020	N	INITIAL	1		KR429	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106009	GW009-602	4/28/2020	T	INITIAL	1	SW3005A	KR429	7439-95-4	Magnesium	21.6	21.6
KAFB-106009	GW009-602	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-23-5	Sodium	46.4	46.4
KAFB-106009	GW009-602	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-70-2	Calcium	148	148
KAFB-106009	GW009-602	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-09-7	Potassium	3.81	3.81
KAFB-106009	GW009-602	4/23/2020	T	INITIAL	1	SW3020A	KR429	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106009	GW009-602	4/23/2020	T	INITIAL	1	SW3020A	KR429	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106009	GW009-602	4/23/2020	N	INITIAL	1	METHOD	KR429	106-93-4	1,2-Dibromoethane	0.013	0.013
KAFB-106009	GW009-602	4/27/2020	N	INITIAL	1	SW5030C	KR429	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106009	GW009-602	4/27/2020	N	INITIAL	1	SW5030C	KR429	108-88-3	Toluene	< 0.5	0.5
KAFB-106009	GW009-602	4/27/2020	N	INITIAL	1	SW5030C	KR429	1330-20-7	Xylenes, total	< 2	2
KAFB-106009	GW009-602	4/27/2020	N	INITIAL	1	SW5030C	KR429	71-43-2	Benzene	< 0.5	0.5
KAFB-106009	GW009-602	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-89-6	Iron	< 0.103	0.103
KAFB-106009	GW009-602	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-96-5	Manganese	0.0051	0.0051
KAFB-106S9-447	GWS9-447-202	4/22/2020	N	INITIAL	5		KR429	14808-79-8	Sulfate	50.6	50.6
KAFB-106S9-447	GWS9-447-202	4/22/2020	N	INITIAL	5		KR429	24959-67-9	Bromide	< 2.0	2
KAFB-106S9-447	GWS9-447-202	4/28/2020	N	INITIAL	10		KR429	16887-00-6	Chloride	50.7	50.7
KAFB-106S9-447	GWS9-447-202	4/27/2020	N	INITIAL	1		KR429	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S9-447	GWS9-447-202	4/22/2020	N	INITIAL	1		KR429	ALK	Alkalinity, total (as CaCO3)	389	389
KAFB-106S9-447	GWS9-447-202	4/22/2020	N	INITIAL	1		KR429	ALK-B	Alkalinity, bicarbonate (as CaCO3)	389	389
KAFB-106S9-447	GWS9-447-202	4/22/2020	N	INITIAL	1		KR429	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S9-447	GWS9-447-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7439-95-4	Magnesium	23.2	23.2
KAFB-106S9-447	GWS9-447-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-09-7	Potassium	4.04	4.04
KAFB-106S9-447	GWS9-447-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-23-5	Sodium	37.5	37.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S9-447	GWS9-447-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-70-2	Calcium	135	135
KAFB-106S9-447	GWS9-447-202	4/24/2020	T	INITIAL	1	SW3020A	KR429	7439-92-1	Lead	0.0011	0.0011
KAFB-106S9-447	GWS9-447-202	4/24/2020	T	INITIAL	1	SW3020A	KR429	7440-38-2	Arsenic	0.00090	0.0009
KAFB-106S9-447	GWS9-447-202	4/28/2020	N	INITIAL	400	METHOD	KR429	106-93-4	1,2-Dibromoethane	35	35
KAFB-106S9-447	GWS9-447-202	4/28/2020	N	INITIAL	20	SW5030C	KR429	100-41-4	Ethylbenzene	1100	1100
KAFB-106S9-447	GWS9-447-202	4/28/2020	N	INITIAL	20	SW5030C	KR429	1330-20-7	Xylenes, total	3400	3400
KAFB-106S9-447	GWS9-447-202	4/28/2020	N	DILUTION1	200	SW5030C	KR429	108-88-3	Toluene	12000	12000
KAFB-106S9-447	GWS9-447-202	4/28/2020	N	DILUTION1	200	SW5030C	KR429	71-43-2	Benzene	9900	9900
KAFB-106S9-447	GWS9-447-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-89-6	Iron	0.283	0.283
KAFB-106S9-447	GWS9-447-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-96-5	Manganese	3.62	3.62
KAFB-106001	GW001-202	4/22/2020	N	INITIAL	5		KR429	14808-79-8	Sulfate	28.5	28.5
KAFB-106001	GW001-202	4/22/2020	N	INITIAL	5		KR429	16887-00-6	Chloride	10.4	10.4
KAFB-106001	GW001-202	4/22/2020	N	INITIAL	5		KR429	24959-67-9	Bromide	< 2.0	2
KAFB-106001	GW001-202	4/27/2020	N	INITIAL	1		KR429	NNN	Nitrogen as nitrate + nitrite	0.12	0.12
KAFB-106001	GW001-202	4/22/2020	N	INITIAL	1		KR429	ALK	Alkalinity, total (as CaCO3)	128	128
KAFB-106001	GW001-202	4/22/2020	N	INITIAL	1		KR429	ALK-B	Alkalinity, bicarbonate (as CaCO3)	128	128
KAFB-106001	GW001-202	4/22/2020	N	INITIAL	1		KR429	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106001	GW001-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7439-95-4	Magnesium	5.45	5.45
KAFB-106001	GW001-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-09-7	Potassium	2.18	2.18
KAFB-106001	GW001-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-23-5	Sodium	20.1	20.1
KAFB-106001	GW001-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-70-2	Calcium	37.3	37.3
KAFB-106001	GW001-202	4/24/2020	T	INITIAL	1	SW3020A	KR429	7439-92-1	Lead	0.00030	0.0003
KAFB-106001	GW001-202	4/24/2020	T	INITIAL	1	SW3020A	KR429	7440-38-2	Arsenic	0.0047	0.0047
KAFB-106001	GW001-202	4/28/2020	N	INITIAL	20	METHOD	KR429	106-93-4	1,2-Dibromoethane	2.4	2.4
KAFB-106001	GW001-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-89-6	Iron	< 0.103	0.103
KAFB-106001	GW001-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106149-484	GW149-484-202	4/22/2020	N	INITIAL	5		KR429	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106149-484	GW149-484-202	4/22/2020	N	INITIAL	5		KR429	16887-00-6	Chloride	12.6	12.6
KAFB-106149-484	GW149-484-202	4/22/2020	N	INITIAL	5		KR429	24959-67-9	Bromide	< 2.0	2
KAFB-106149-484	GW149-484-202	4/27/2020	N	INITIAL	1		KR429	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106149-484	GW149-484-202	4/22/2020	N	INITIAL	1		KR429	ALK	Alkalinity, total (as CaCO3)	168	168
KAFB-106149-484	GW149-484-202	4/22/2020	N	INITIAL	1		KR429	ALK-B	Alkalinity, bicarbonate (as CaCO3)	168	168
KAFB-106149-484	GW149-484-202	4/22/2020	N	INITIAL	1		KR429	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106149-484	GW149-484-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7439-95-4	Magnesium	8.10	8.1
KAFB-106149-484	GW149-484-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-23-5	Sodium	26.7	26.7
KAFB-106149-484	GW149-484-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-70-2	Calcium	51.2	51.2
KAFB-106149-484	GW149-484-202	4/28/2020	T	INITIAL	1	SW3005A	KR429	7440-09-7	Potassium	2.79	2.79
KAFB-106149-484	GW149-484-202	4/23/2020	T	INITIAL	1	SW3020A	KR429	7439-92-1	Lead	0.00014	0.00014
KAFB-106149-484	GW149-484-202	4/23/2020	T	INITIAL	1	SW3020A	KR429	7440-38-2	Arsenic	0.0013	0.0013
KAFB-106149-484	GW149-484-202	4/23/2020	N	INITIAL	1000	METHOD	KR429	106-93-4	1,2-Dibromoethane	78	78
KAFB-106149-484	GW149-484-202	4/28/2020	N	INITIAL	5	SW5030C	KR429	100-41-4	Ethylbenzene	270	270
KAFB-106149-484	GW149-484-202	4/28/2020	N	INITIAL	5	SW5030C	KR429	1330-20-7	Xylenes, total	1200	1200
KAFB-106149-484	GW149-484-202	4/28/2020	N	DILUTION1	50	SW5030C	KR429	108-88-3	Toluene	3300	3300
KAFB-106149-484	GW149-484-202	4/28/2020	N	DILUTION1	50	SW5030C	KR429	71-43-2	Benzene	1900	1900
KAFB-106149-484	GW149-484-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-89-6	Iron	< 0.103	0.103
KAFB-106149-484	GW149-484-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106153-484	GW153-484-202	4/22/2020	N	INITIAL	5		KR429	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106153-484	GW153-484-202	4/22/2020	N	INITIAL	5		KR429	16887-00-6	Chloride	16.1	16.1
KAFB-106153-484	GW153-484-202	4/22/2020	N	INITIAL	5		KR429	24959-67-9	Bromide	< 2.0	2
KAFB-106153-484	GW153-484-202	4/27/2020	N	INITIAL	1		KR429	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106153-484	GW153-484-202	4/22/2020	N	INITIAL	1		KR429	ALK	Alkalinity, total (as CaCO3)	357	357
KAFB-106153-484	GW153-484-202	4/22/2020	N	INITIAL	1		KR429	ALK-B	Alkalinity, bicarbonate (as CaCO3)	357	357
KAFB-106153-484	GW153-484-202	4/22/2020	N	INITIAL	1		KR429	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106153-484	GW153-484-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7439-95-4	Magnesium	17.0	17
KAFB-106153-484	GW153-484-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-09-7	Potassium	3.36	3.36

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106153-484	GW153-484-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-23-5	Sodium	34.0	34
KAFB-106153-484	GW153-484-202	4/27/2020	T	INITIAL	1	SW3005A	KR429	7440-70-2	Calcium	110	110
KAFB-106153-484	GW153-484-202	4/22/2020	T	INITIAL	1	SW3020A	KR429	7439-92-1	Lead	0.00025	0.00025
KAFB-106153-484	GW153-484-202	4/22/2020	T	INITIAL	1	SW3020A	KR429	7440-38-2	Arsenic	0.0019	0.0019
KAFB-106153-484	GW153-484-202	4/28/2020	N	INITIAL	1000	METHOD	KR429	106-93-4	1,2-Dibromoethane	140	140
KAFB-106153-484	GW153-484-202	4/27/2020	N	INITIAL	20	SW5030C	KR429	100-41-4	Ethylbenzene	380	380
KAFB-106153-484	GW153-484-202	4/27/2020	N	INITIAL	20	SW5030C	KR429	1330-20-7	Xylenes, total	1700	1700
KAFB-106153-484	GW153-484-202	4/27/2020	N	DILUTION1	200	SW5030C	KR429	108-88-3	Toluene	7800	7800
KAFB-106153-484	GW153-484-202	4/27/2020	N	DILUTION1	200	SW5030C	KR429	71-43-2	Benzene	8300	8300
KAFB-106153-484	GW153-484-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-89-6	Iron	< 0.103	0.103
KAFB-106153-484	GW153-484-202	4/22/2020	D	INITIAL	1	SW3005A	KR429	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106047	GW047-202	4/25/2020	N	INITIAL	5		KR430	14808-79-8	Sulfate	32.0	32
KAFB-106047	GW047-202	4/25/2020	N	INITIAL	5		KR430	16887-00-6	Chloride	10.9	10.9
KAFB-106047	GW047-202	4/25/2020	N	INITIAL	5		KR430	24959-67-9	Bromide	< 2.0	2
KAFB-106047	GW047-202	4/27/2020	N	INITIAL	1		KR430	NNN	Nitrogen as nitrate + nitrite	0.63	0.63
KAFB-106047	GW047-202	4/23/2020	N	INITIAL	1		KR430	ALK	Alkalinity, total (as CaCO3)	116	116
KAFB-106047	GW047-202	4/23/2020	N	INITIAL	1		KR430	ALK-B	Alkalinity, bicarbonate (as CaCO3)	116	116
KAFB-106047	GW047-202	4/23/2020	N	INITIAL	1		KR430	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106047	GW047-202	4/27/2020	T	INITIAL	1	SW3005A	KR430	7439-95-4	Magnesium	4.88	4.88
KAFB-106047	GW047-202	4/27/2020	T	INITIAL	1	SW3005A	KR430	7440-23-5	Sodium	22.4	22.4
KAFB-106047	GW047-202	4/27/2020	T	INITIAL	1	SW3005A	KR430	7440-70-2	Calcium	36.1	36.1
KAFB-106047	GW047-202	4/28/2020	T	INITIAL	1	SW3005A	KR430	7440-09-7	Potassium	2.20	2.2
KAFB-106047	GW047-202	4/28/2020	T	INITIAL	1	SW3020A	KR430	7439-92-1	Lead	0.000081	0.000081
KAFB-106047	GW047-202	4/28/2020	T	INITIAL	1	SW3020A	KR430	7440-38-2	Arsenic	0.0017	0.0017
KAFB-106047	GW047-202	4/28/2020	N	INITIAL	1	METHOD	KR430	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106047	GW047-202	4/26/2020	D	INITIAL	1	SW3005A	KR430	7439-89-6	Iron	< 0.103	0.103
KAFB-106047	GW047-202	4/26/2020	D	INITIAL	1	SW3005A	KR430	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106011	GW011-202	4/25/2020	N	INITIAL	5		KR430	24959-67-9	Bromide	< 2.0	2
KAFB-106011	GW011-202	4/25/2020	N	INITIAL	200		KR430	16887-00-6	Chloride	91.8	91.8
KAFB-106011	GW011-202	4/29/2020	N	INITIAL	20		KR430	14808-79-8	Sulfate	155	155
KAFB-106011	GW011-202	4/27/2020	N	INITIAL	5		KR430	NNN	Nitrogen as nitrate + nitrite	3.9	3.9
KAFB-106011	GW011-202	4/23/2020	N	INITIAL	1		KR430	ALK	Alkalinity, total (as CaCO3)	135	135
KAFB-106011	GW011-202	4/23/2020	N	INITIAL	1		KR430	ALK-B	Alkalinity, bicarbonate (as CaCO3)	135	135
KAFB-106011	GW011-202	4/23/2020	N	INITIAL	1		KR430	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106011	GW011-202	4/28/2020	T	INITIAL	1	SW3005A	KR430	7439-95-4	Magnesium	16.0	16
KAFB-106011	GW011-202	4/28/2020	T	INITIAL	1	SW3005A	KR430	7440-09-7	Potassium	3.43	3.43
KAFB-106011	GW011-202	4/28/2020	T	INITIAL	1	SW3005A	KR430	7440-23-5	Sodium	35.6	35.6
KAFB-106011	GW011-202	4/28/2020	T	INITIAL	1	SW3005A	KR430	7440-70-2	Calcium	116	116
KAFB-106011	GW011-202	4/28/2020	T	INITIAL	1	SW3020A	KR430	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106011	GW011-202	4/28/2020	T	INITIAL	1	SW3020A	KR430	7440-38-2	Arsenic	0.00090	0.0009
KAFB-106011	GW011-202	4/28/2020	N	INITIAL	1	METHOD	KR430	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106011	GW011-202	4/29/2020	N	INITIAL	1	SW5030C	KR430	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106011	GW011-202	4/29/2020	N	INITIAL	1	SW5030C	KR430	108-88-3	Toluene	< 0.5	0.5
KAFB-106011	GW011-202	4/29/2020	N	INITIAL	1	SW5030C	KR430	1330-20-7	Xylenes, total	< 2	2
KAFB-106011	GW011-202	4/29/2020	N	INITIAL	1	SW5030C	KR430	71-43-2	Benzene	< 0.5	0.5
KAFB-106011	GW011-202	4/26/2020	D	INITIAL	1	SW3005A	KR430	7439-89-6	Iron	< 0.103	0.103
KAFB-106011	GW011-202	4/26/2020	D	INITIAL	1	SW3005A	KR430	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106002	GW002-202	4/27/2020	N	INITIAL	5		KR430	14808-79-8	Sulfate	34.8	34.8
KAFB-106002	GW002-202	4/27/2020	N	INITIAL	5		KR430	16887-00-6	Chloride	13.8	13.8
KAFB-106002	GW002-202	4/27/2020	N	INITIAL	5		KR430	24959-67-9	Bromide	< 2.0	2
KAFB-106002	GW002-202	4/27/2020	N	INITIAL	1		KR430	NNN	Nitrogen as nitrate + nitrite	0.65	0.65
KAFB-106002	GW002-202	4/22/2020	N	INITIAL	1		KR430	ALK	Alkalinity, total (as CaCO3)	104	104
KAFB-106002	GW002-202	4/22/2020	N	INITIAL	1		KR430	ALK-B	Alkalinity, bicarbonate (as CaCO3)	104	104
KAFB-106002	GW002-202	4/22/2020	N	INITIAL	1		KR430	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106002	GW002-202	4/27/2020	T	INITIAL	1	SW3005A	KR430	7439-95-4	Magnesium	5.81	5.81

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106002	GW002-202	4/27/2020	T	INITIAL	1	SW3005A	KR430	7440-23-5	Sodium	21.5	21.5
KAFB-106002	GW002-202	4/27/2020	T	INITIAL	1	SW3005A	KR430	7440-70-2	Calcium	38.2	38.2
KAFB-106002	GW002-202	4/28/2020	T	INITIAL	1	SW3005A	KR430	7440-09-7	Potassium	2.45	2.45
KAFB-106002	GW002-202	4/28/2020	T	INITIAL	1	SW3020A	KR430	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106002	GW002-202	4/28/2020	T	INITIAL	1	SW3020A	KR430	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106002	GW002-202	4/28/2020	N	INITIAL	1	METHOD	KR430	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106002	GW002-202	4/26/2020	D	INITIAL	1	SW3005A	KR430	7439-89-6	Iron	< 0.103	0.103
KAFB-106002	GW002-202	4/26/2020	D	INITIAL	1	SW3005A	KR430	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106002	GW002-602	4/27/2020	N	INITIAL	5		KR430	14808-79-8	Sulfate	35.4	35.4
KAFB-106002	GW002-602	4/27/2020	N	INITIAL	5		KR430	16887-00-6	Chloride	13.9	13.9
KAFB-106002	GW002-602	4/27/2020	N	INITIAL	5		KR430	24959-67-9	Bromide	< 2.0	2
KAFB-106002	GW002-602	4/27/2020	N	INITIAL	1		KR430	NNN	Nitrogen as nitrate + nitrite	0.65	0.65
KAFB-106002	GW002-602	4/23/2020	N	INITIAL	1		KR430	ALK	Alkalinity, total (as CaCO3)	101	101
KAFB-106002	GW002-602	4/23/2020	N	INITIAL	1		KR430	ALK-B	Alkalinity, bicarbonate (as CaCO3)	101	101
KAFB-106002	GW002-602	4/23/2020	N	INITIAL	1		KR430	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106002	GW002-602	4/28/2020	T	INITIAL	1	SW3005A	KR430	7439-95-4	Magnesium	5.51	5.51
KAFB-106002	GW002-602	4/28/2020	T	INITIAL	1	SW3005A	KR430	7440-09-7	Potassium	2.33	2.33
KAFB-106002	GW002-602	4/28/2020	T	INITIAL	1	SW3005A	KR430	7440-23-5	Sodium	20.6	20.6
KAFB-106002	GW002-602	4/28/2020	T	INITIAL	1	SW3005A	KR430	7440-70-2	Calcium	36.7	36.7
KAFB-106002	GW002-602	4/28/2020	T	INITIAL	1	SW3020A	KR430	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106002	GW002-602	4/28/2020	T	INITIAL	1	SW3020A	KR430	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106002	GW002-602	4/28/2020	N	INITIAL	1	METHOD	KR430	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106002	GW002-602	4/26/2020	D	INITIAL	1	SW3005A	KR430	7439-89-6	Iron	< 0.103	0.103
KAFB-106002	GW002-602	4/26/2020	D	INITIAL	1	SW3005A	KR430	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106016	GW016-202	4/25/2020	N	INITIAL	5		KR430	14808-79-8	Sulfate	29.6	29.6
KAFB-106016	GW016-202	4/25/2020	N	INITIAL	5		KR430	16887-00-6	Chloride	8.6	8.6
KAFB-106016	GW016-202	4/25/2020	N	INITIAL	5		KR430	24959-67-9	Bromide	< 2.0	2
KAFB-106016	GW016-202	4/27/2020	N	INITIAL	1		KR430	NNN	Nitrogen as nitrate + nitrite	0.19	0.19
KAFB-106016	GW016-202	4/25/2020	N	INITIAL	5		KR430	24959-67-9	Bromide	< 2.0	2
KAFB-106016	GW016-202	4/27/2020	N	INITIAL	1		KR430	NNN	Nitrogen as nitrate + nitrite	0.19	0.19
KAFB-106016	GW016-202	4/23/2020	N	INITIAL	1		KR430	ALK	Alkalinity, total (as CaCO3)	102	102
KAFB-106016	GW016-202	4/23/2020	N	INITIAL	1		KR430	ALK-B	Alkalinity, bicarbonate (as CaCO3)	102	102
KAFB-106016	GW016-202	4/23/2020	N	INITIAL	1		KR430	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106016	GW016-202	4/27/2020	T	INITIAL	1	SW3005A	KR430	7439-95-4	Magnesium	4.96	4.96
KAFB-106016	GW016-202	4/27/2020	T	INITIAL	1	SW3005A	KR430	7440-23-5	Sodium	20.1	20.1
KAFB-106016	GW016-202	4/27/2020	T	INITIAL	1	SW3005A	KR430	7440-70-2	Calcium	33.4	33.4
KAFB-106016	GW016-202	4/28/2020	T	INITIAL	1	SW3005A	KR430	7440-09-7	Potassium	2.25	2.25
KAFB-106016	GW016-202	4/28/2020	T	INITIAL	1	SW3020A	KR430	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106016	GW016-202	4/28/2020	T	INITIAL	1	SW3020A	KR430	7440-38-2	Arsenic	0.0014	0.0014
KAFB-106016	GW016-202	4/28/2020	N	INITIAL	1	METHOD	KR430	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106016	GW016-202	4/26/2020	D	INITIAL	1	SW3005A	KR430	7439-89-6	Iron	< 0.103	0.103
KAFB-106016	GW016-202	4/26/2020	D	INITIAL	1	SW3005A	KR430	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106027	GW027-202	4/26/2020	N	INITIAL	5		KR432	14808-79-8	Sulfate	29.4	29.4
KAFB-106027	GW027-202	4/26/2020	N	INITIAL	5		KR432	16887-00-6	Chloride	9.0	9
KAFB-106027	GW027-202	4/26/2020	N	INITIAL	5		KR432	24959-67-9	Bromide	< 2.0	2
KAFB-106027	GW027-202	4/27/2020	N	INITIAL	1		KR432	NNN	Nitrogen as nitrate + nitrite	0.53	0.53
KAFB-106027	GW027-202	4/22/2020	N	INITIAL	1		KR432	ALK	Alkalinity, total (as CaCO3)	108	108
KAFB-106027	GW027-202	4/22/2020	N	INITIAL	1		KR432	ALK-B	Alkalinity, bicarbonate (as CaCO3)	108	108
KAFB-106027	GW027-202	4/22/2020	N	INITIAL	1		KR432	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106027	GW027-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7439-95-4	Magnesium	5.10	5.1
KAFB-106027	GW027-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-09-7	Potassium	2.09	2.09
KAFB-106027	GW027-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-23-5	Sodium	20.7	20.7
KAFB-106027	GW027-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-70-2	Calcium	33.6	33.6
KAFB-106027	GW027-202	4/30/2020	T	INITIAL	1	SW3020A	KR432	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106027	GW027-202	4/30/2020	T	INITIAL	1	SW3020A	KR432	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106027	GW027-202	4/30/2020	N	INITIAL	1	METHOD	KR432	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106027	GW027-202	4/28/2020	D	INITIAL	1	SW3005A	KR432	7439-89-6	Iron	< 0.103	0.103

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106027	GW027-202	4/28/2020	D	INITIAL	1	SW3005A	KR432	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106044	GW044-202	4/26/2020	N	INITIAL	5		KR432	14808-79-8	Sulfate	28.4	28.4
KAFB-106044	GW044-202	4/26/2020	N	INITIAL	5		KR432	16887-00-6	Chloride	8.3	8.3
KAFB-106044	GW044-202	4/26/2020	N	INITIAL	5		KR432	24959-67-9	Bromide	< 2.0	2
KAFB-106044	GW044-202	4/27/2020	N	INITIAL	1		KR432	NNN	Nitrogen as nitrate + nitrite	0.36	0.36
KAFB-106044	GW044-202	4/22/2020	N	INITIAL	1		KR432	ALK	Alkalinity, total (as CaCO3)	102	102
KAFB-106044	GW044-202	4/22/2020	N	INITIAL	1		KR432	ALK-B	Alkalinity, bicarbonate (as CaCO3)	102	102
KAFB-106044	GW044-202	4/22/2020	N	INITIAL	1		KR432	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106044	GW044-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7439-95-4	Magnesium	4.71	4.71
KAFB-106044	GW044-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-09-7	Potassium	2.02	2.02
KAFB-106044	GW044-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-23-5	Sodium	20.2	20.2
KAFB-106044	GW044-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-70-2	Calcium	31.2	31.2
KAFB-106044	GW044-202	4/30/2020	T	INITIAL	1	SW3020A	KR432	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106044	GW044-202	4/30/2020	T	INITIAL	1	SW3020A	KR432	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106044	GW044-202	4/29/2020	N	INITIAL	1	METHOD	KR432	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106044	GW044-202	4/28/2020	D	INITIAL	1	SW3005A	KR432	7439-89-6	Iron	< 0.103	0.103
KAFB-106044	GW044-202	4/28/2020	D	INITIAL	1	SW3005A	KR432	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106075	GW075-202	4/26/2020	N	INITIAL	5		KR432	14808-79-8	Sulfate	54.3	54.3
KAFB-106075	GW075-202	4/26/2020	N	INITIAL	5		KR432	24959-67-9	Bromide	< 2.0	2
KAFB-106075	GW075-202	4/26/2020	N	INITIAL	50		KR432	16887-00-6	Chloride	54.4	54.4
KAFB-106075	GW075-202	4/27/2020	N	INITIAL	1		KR432	NNN	Nitrogen as nitrate + nitrite	0.73	0.73
KAFB-106075	GW075-202	4/22/2020	N	INITIAL	1		KR432	ALK	Alkalinity, total (as CaCO3)	130	130
KAFB-106075	GW075-202	4/22/2020	N	INITIAL	1		KR432	ALK-B	Alkalinity, bicarbonate (as CaCO3)	130	130
KAFB-106075	GW075-202	4/22/2020	N	INITIAL	1		KR432	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106075	GW075-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7439-95-4	Magnesium	9.51	9.51
KAFB-106075	GW075-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-09-7	Potassium	2.96	2.96
KAFB-106075	GW075-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-23-5	Sodium	28.2	28.2
KAFB-106075	GW075-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-70-2	Calcium	63.5	63.5
KAFB-106075	GW075-202	4/30/2020	T	INITIAL	1	SW3020A	KR432	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106075	GW075-202	4/30/2020	T	INITIAL	1	SW3020A	KR432	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106075	GW075-202	4/29/2020	N	INITIAL	1	METHOD	KR432	106-93-4	1,2-Dibromoethane	0.023	0.023
KAFB-106075	GW075-202	4/28/2020	D	INITIAL	1	SW3005A	KR432	7439-89-6	Iron	< 0.103	0.103
KAFB-106075	GW075-202	4/28/2020	D	INITIAL	1	SW3005A	KR432	7439-96-5	Manganese	0.149	0.149
KAFB-106024	GW024-202	4/26/2020	N	INITIAL	5		KR432	14808-79-8	Sulfate	30.4	30.4
KAFB-106024	GW024-202	4/26/2020	N	INITIAL	5		KR432	16887-00-6	Chloride	10.3	10.3
KAFB-106024	GW024-202	4/26/2020	N	INITIAL	5		KR432	24959-67-9	Bromide	< 2.0	2
KAFB-106024	GW024-202	4/27/2020	N	INITIAL	1		KR432	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106024	GW024-202	4/22/2020	N	INITIAL	1		KR432	ALK	Alkalinity, total (as CaCO3)	125	125
KAFB-106024	GW024-202	4/22/2020	N	INITIAL	1		KR432	ALK-B	Alkalinity, bicarbonate (as CaCO3)	125	125
KAFB-106024	GW024-202	4/22/2020	N	INITIAL	1		KR432	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106024	GW024-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7439-95-4	Magnesium	6.11	6.11
KAFB-106024	GW024-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-09-7	Potassium	2.18	2.18
KAFB-106024	GW024-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-23-5	Sodium	21.1	21.1
KAFB-106024	GW024-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-70-2	Calcium	37.6	37.6
KAFB-106024	GW024-202	4/30/2020	T	INITIAL	1	SW3020A	KR432	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106024	GW024-202	4/30/2020	T	INITIAL	1	SW3020A	KR432	7440-38-2	Arsenic	0.0015	0.0015
KAFB-106024	GW024-202	4/29/2020	N	INITIAL	1	METHOD	KR432	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106024	GW024-202	4/28/2020	D	INITIAL	1	SW3005A	KR432	7439-89-6	Iron	< 0.103	0.103
KAFB-106024	GW024-202	4/28/2020	D	INITIAL	1	SW3005A	KR432	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106060	GW060-202	4/26/2020	N	INITIAL	5		KR432	14808-79-8	Sulfate	43.5	43.5
KAFB-106060	GW060-202	4/26/2020	N	INITIAL	5		KR432	16887-00-6	Chloride	20.4	20.4
KAFB-106060	GW060-202	4/26/2020	N	INITIAL	5		KR432	24959-67-9	Bromide	< 2.0	2
KAFB-106060	GW060-202	4/27/2020	N	INITIAL	1		KR432	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106060	GW060-202	4/22/2020	N	INITIAL	1		KR432	ALK	Alkalinity, total (as CaCO3)	237	237
KAFB-106060	GW060-202	4/22/2020	N	INITIAL	1		KR432	ALK-B	Alkalinity, bicarbonate (as CaCO3)	237	237

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106060	GW060-202	4/22/2020	N	INITIAL	1		KR432	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106060	GW060-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7439-95-4	Magnesium	12.0	12
KAFB-106060	GW060-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-09-7	Potassium	3.26	3.26
KAFB-106060	GW060-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-23-5	Sodium	33.5	33.5
KAFB-106060	GW060-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-70-2	Calcium	77.3	77.3
KAFB-106060	GW060-202	4/30/2020	T	INITIAL	1	SW3020A	KR432	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106060	GW060-202	4/30/2020	T	INITIAL	1	SW3020A	KR432	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106060	GW060-202	4/30/2020	N	INITIAL	1	METHOD	KR432	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106060	GW060-202	4/30/2020	N	INITIAL	1	SW5030C	KR432	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106060	GW060-202	4/30/2020	N	INITIAL	1	SW5030C	KR432	108-88-3	Toluene	< 0.5	0.5
KAFB-106060	GW060-202	4/30/2020	N	INITIAL	1	SW5030C	KR432	1330-20-7	Xylenes, total	< 2	2
KAFB-106060	GW060-202	4/30/2020	N	INITIAL	1	SW5030C	KR432	71-43-2	Benzene	< 0.5	0.5
KAFB-106060	GW060-202	4/28/2020	D	INITIAL	1	SW3005A	KR432	7439-89-6	Iron	< 0.103	0.103
KAFB-106060	GW060-202	4/28/2020	D	INITIAL	1	SW3005A	KR432	7439-96-5	Manganese	0.0262	0.0262
KAFB-106068	GW068-202	4/26/2020	N	INITIAL	5		KR432	14808-79-8	Sulfate	30.1	30.1
KAFB-106068	GW068-202	4/26/2020	N	INITIAL	5		KR432	16887-00-6	Chloride	8.5	8.5
KAFB-106068	GW068-202	4/26/2020	N	INITIAL	5		KR432	24959-67-9	Bromide	< 2.0	2
KAFB-106068	GW068-202	4/27/2020	N	INITIAL	1		KR432	NNN	Nitrogen as nitrate + nitrite	0.064	0.064
KAFB-106068	GW068-202	4/22/2020	N	INITIAL	1		KR432	ALK	Alkalinity, total (as CaCO3)	109	109
KAFB-106068	GW068-202	4/22/2020	N	INITIAL	1		KR432	ALK-B	Alkalinity, bicarbonate (as CaCO3)	109	109
KAFB-106068	GW068-202	4/22/2020	N	INITIAL	1		KR432	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106068	GW068-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7439-95-4	Magnesium	4.57	4.57
KAFB-106068	GW068-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-09-7	Potassium	1.93	1.93
KAFB-106068	GW068-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-23-5	Sodium	21.1	21.1
KAFB-106068	GW068-202	4/29/2020	T	INITIAL	1	SW3005A	KR432	7440-70-2	Calcium	32.4	32.4
KAFB-106068	GW068-202	4/30/2020	T	INITIAL	1	SW3020A	KR432	7439-92-1	Lead	0.00011	0.00011
KAFB-106068	GW068-202	4/30/2020	T	INITIAL	1	SW3020A	KR432	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106068	GW068-202	4/30/2020	N	INITIAL	1	METHOD	KR432	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106068	GW068-202	4/30/2020	N	INITIAL	1	SW5030C	KR432	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106068	GW068-202	4/30/2020	N	INITIAL	1	SW5030C	KR432	108-88-3	Toluene	< 0.5	0.5
KAFB-106068	GW068-202	4/30/2020	N	INITIAL	1	SW5030C	KR432	1330-20-7	Xylenes, total	< 2	2
KAFB-106068	GW068-202	4/30/2020	N	INITIAL	1	SW5030C	KR432	71-43-2	Benzene	< 0.5	0.5
KAFB-106068	GW068-202	4/28/2020	D	INITIAL	1	SW3005A	KR432	7439-89-6	Iron	< 0.103	0.103
KAFB-106068	GW068-202	4/28/2020	D	INITIAL	1	SW3005A	KR432	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106094	GW094-202	4/28/2020	N	INITIAL	5		KR433	14808-79-8	Sulfate	32.8	32.8
KAFB-106094	GW094-202	4/28/2020	N	INITIAL	5		KR433	16887-00-6	Chloride	22.3	22.3
KAFB-106094	GW094-202	4/28/2020	N	INITIAL	5		KR433	24959-67-9	Bromide	< 2.0	2
KAFB-106094	GW094-202	4/28/2020	N	INITIAL	1		KR433	NNN	Nitrogen as nitrate + nitrite	0.069	0.069
KAFB-106094	GW094-202	4/24/2020	N	INITIAL	1		KR433	ALK	Alkalinity, total (as CaCO3)	140	140
KAFB-106094	GW094-202	4/24/2020	N	INITIAL	1		KR433	ALK-B	Alkalinity, bicarbonate (as CaCO3)	140	140
KAFB-106094	GW094-202	4/24/2020	N	INITIAL	1		KR433	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106094	GW094-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7439-95-4	Magnesium	6.97	6.97
KAFB-106094	GW094-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7440-09-7	Potassium	2.66	2.66
KAFB-106094	GW094-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7440-23-5	Sodium	25.6	25.6
KAFB-106094	GW094-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7440-70-2	Calcium	50.0	50
KAFB-106094	GW094-202	4/29/2020	T	INITIAL	1	SW3020A	KR433	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106094	GW094-202	4/29/2020	T	INITIAL	1	SW3020A	KR433	7440-38-2	Arsenic	0.00082	0.00082
KAFB-106094	GW094-202	4/28/2020	N	INITIAL	1	METHOD	KR433	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106094	GW094-202	4/27/2020	D	INITIAL	1	SW3005A	KR433	7439-89-6	Iron	0.0414	0.0414
KAFB-106094	GW094-202	4/29/2020	D	INITIAL	1	SW3005A	KR433	7439-96-5	Manganese	0.314	0.314
KAFB-106067	GW067-202	4/28/2020	N	INITIAL	5		KR433	14808-79-8	Sulfate	29.7	29.7
KAFB-106067	GW067-202	4/28/2020	N	INITIAL	5		KR433	16887-00-6	Chloride	17.7	17.7
KAFB-106067	GW067-202	4/28/2020	N	INITIAL	5		KR433	24959-67-9	Bromide	< 2.0	2
KAFB-106067	GW067-202	4/28/2020	N	INITIAL	1		KR433	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106067	GW067-202	4/24/2020	N	INITIAL	1		KR433	ALK	Alkalinity, total (as CaCO3)	178	178

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106067	GW067-202	4/24/2020	N	INITIAL	1		KR433	ALK-B	Alkalinity, bicarbonate (as CaCO3)	178	178
KAFB-106067	GW067-202	4/24/2020	N	INITIAL	1		KR433	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106067	GW067-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7439-95-4	Magnesium	8.20	8.2
KAFB-106067	GW067-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7440-09-7	Potassium	2.66	2.66
KAFB-106067	GW067-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7440-23-5	Sodium	28.7	28.7
KAFB-106067	GW067-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7440-70-2	Calcium	60.3	60.3
KAFB-106067	GW067-202	4/29/2020	T	INITIAL	1	SW3020A	KR433	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106067	GW067-202	4/29/2020	T	INITIAL	1	SW3020A	KR433	7440-38-2	Arsenic	0.0014	0.0014
KAFB-106067	GW067-202	4/28/2020	N	INITIAL	1	METHOD	KR433	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106067	GW067-202	5/1/2020	N	INITIAL	1	SW5030C	KR433	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106067	GW067-202	5/1/2020	N	INITIAL	1	SW5030C	KR433	108-88-3	Toluene	< 0.5	0.5
KAFB-106067	GW067-202	5/1/2020	N	INITIAL	1	SW5030C	KR433	1330-20-7	Xylenes, total	< 2	2
KAFB-106067	GW067-202	5/1/2020	N	INITIAL	1	SW5030C	KR433	71-43-2	Benzene	1	1
KAFB-106067	GW067-202	4/27/2020	D	INITIAL	1	SW3005A	KR433	7439-89-6	Iron	0.0452	0.0452
KAFB-106067	GW067-202	4/29/2020	D	INITIAL	1	SW3005A	KR433	7439-96-5	Manganese	0.714	0.714
KAFB-106078	GW078-202	4/28/2020	N	INITIAL	5		KR433	14808-79-8	Sulfate	27.2	27.2
KAFB-106078	GW078-202	4/28/2020	N	INITIAL	5		KR433	16887-00-6	Chloride	7.4	7.4
KAFB-106078	GW078-202	4/28/2020	N	INITIAL	5		KR433	24959-67-9	Bromide	< 2.0	2
KAFB-106078	GW078-202	4/28/2020	N	INITIAL	1		KR433	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106078	GW078-202	4/24/2020	N	INITIAL	1		KR433	ALK	Alkalinity, total (as CaCO3)	104	104
KAFB-106078	GW078-202	4/24/2020	N	INITIAL	1		KR433	ALK-B	Alkalinity, bicarbonate (as CaCO3)	104	104
KAFB-106078	GW078-202	4/24/2020	N	INITIAL	1		KR433	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106078	GW078-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7439-95-4	Magnesium	4.23	4.23
KAFB-106078	GW078-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7440-09-7	Potassium	1.97	1.97
KAFB-106078	GW078-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7440-23-5	Sodium	20.7	20.7
KAFB-106078	GW078-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7440-70-2	Calcium	32.1	32.1
KAFB-106078	GW078-202	4/29/2020	T	INITIAL	1	SW3020A	KR433	7439-92-1	Lead	0.00048	0.00048
KAFB-106078	GW078-202	4/29/2020	T	INITIAL	1	SW3020A	KR433	7440-38-2	Arsenic	0.0016	0.0016
KAFB-106078	GW078-202	4/29/2020	N	INITIAL	1	METHOD	KR433	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106078	GW078-202	5/1/2020	N	INITIAL	1	SW5030C	KR433	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106078	GW078-202	5/1/2020	N	INITIAL	1	SW5030C	KR433	108-88-3	Toluene	< 0.5	0.5
KAFB-106078	GW078-202	5/1/2020	N	INITIAL	1	SW5030C	KR433	1330-20-7	Xylenes, total	< 2	2
KAFB-106078	GW078-202	5/1/2020	N	INITIAL	1	SW5030C	KR433	71-43-2	Benzene	< 0.5	0.5
KAFB-106078	GW078-202	4/27/2020	D	INITIAL	1	SW3005A	KR433	7439-89-6	Iron	< 0.103	0.103
KAFB-106078	GW078-202	4/29/2020	D	INITIAL	1	SW3005A	KR433	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106017	GW017-202	4/28/2020	N	INITIAL	5		KR433	14808-79-8	Sulfate	38.6	38.6
KAFB-106017	GW017-202	4/28/2020	N	INITIAL	5		KR433	16887-00-6	Chloride	14.0	14
KAFB-106017	GW017-202	4/28/2020	N	INITIAL	5		KR433	24959-67-9	Bromide	< 2.0	2
KAFB-106017	GW017-202	4/28/2020	N	INITIAL	1		KR433	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106017	GW017-202	4/24/2020	N	INITIAL	1		KR433	ALK	Alkalinity, total (as CaCO3)	140	140
KAFB-106017	GW017-202	4/24/2020	N	INITIAL	1		KR433	ALK-B	Alkalinity, bicarbonate (as CaCO3)	140	140
KAFB-106017	GW017-202	4/24/2020	N	INITIAL	1		KR433	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106017	GW017-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7439-95-4	Magnesium	6.54	6.54
KAFB-106017	GW017-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7440-09-7	Potassium	2.49	2.49
KAFB-106017	GW017-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7440-23-5	Sodium	24.8	24.8
KAFB-106017	GW017-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7440-70-2	Calcium	49.0	49
KAFB-106017	GW017-202	4/29/2020	T	INITIAL	1	SW3020A	KR433	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106017	GW017-202	4/29/2020	T	INITIAL	1	SW3020A	KR433	7440-38-2	Arsenic	0.00087	0.00087
KAFB-106017	GW017-202	4/29/2020	N	INITIAL	1	METHOD	KR433	106-93-4	1,2-Dibromoethane	0.28	0.28
KAFB-106017	GW017-202	5/1/2020	N	INITIAL	1	SW5030C	KR433	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106017	GW017-202	5/1/2020	N	INITIAL	1	SW5030C	KR433	108-88-3	Toluene	< 0.5	0.5
KAFB-106017	GW017-202	5/1/2020	N	INITIAL	1	SW5030C	KR433	1330-20-7	Xylenes, total	< 2	2
KAFB-106017	GW017-202	5/1/2020	N	INITIAL	1	SW5030C	KR433	71-43-2	Benzene	0.5	0.5
KAFB-106017	GW017-202	5/1/2020	N	INITIAL	1	SW5030C	KR433	91-20-3	Naphthalene	< 2	2
KAFB-106017	GW017-202	4/27/2020	D	INITIAL	1	SW3005A	KR433	7439-89-6	Iron	0.0454	0.0454

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106017	GW017-202	4/29/2020	D	INITIAL	1	SW3005A	KR433	7439-96-5	Manganese	0.217	0.217
KAFB-106062	GW062-202	4/28/2020	N	INITIAL	5		KR433	14808-79-8	Sulfate	27.6	27.6
KAFB-106062	GW062-202	4/28/2020	N	INITIAL	5		KR433	16887-00-6	Chloride	7.7	7.7
KAFB-106062	GW062-202	4/28/2020	N	INITIAL	5		KR433	24959-67-9	Bromide	< 2.0	2
KAFB-106062	GW062-202	4/28/2020	N	INITIAL	1		KR433	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106062	GW062-202	4/24/2020	N	INITIAL	1		KR433	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106062	GW062-202	4/24/2020	N	INITIAL	1		KR433	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106062	GW062-202	4/24/2020	N	INITIAL	1		KR433	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106062	GW062-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7439-95-4	Magnesium	4.36	4.36
KAFB-106062	GW062-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7440-09-7	Potassium	1.92	1.92
KAFB-106062	GW062-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7440-23-5	Sodium	21.5	21.5
KAFB-106062	GW062-202	4/29/2020	T	INITIAL	1	SW3005A	KR433	7440-70-2	Calcium	33.6	33.6
KAFB-106062	GW062-202	4/29/2020	T	INITIAL	1	SW3020A	KR433	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106062	GW062-202	4/29/2020	T	INITIAL	1	SW3020A	KR433	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106062	GW062-202	4/28/2020	N	INITIAL	1	METHOD	KR433	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106062	GW062-202	5/1/2020	N	INITIAL	1	SW5030C	KR433	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106062	GW062-202	5/1/2020	N	INITIAL	1	SW5030C	KR433	108-88-3	Toluene	< 0.5	0.5
KAFB-106062	GW062-202	5/1/2020	N	INITIAL	1	SW5030C	KR433	1330-20-7	Xylenes, total	< 2	2
KAFB-106062	GW062-202	5/1/2020	N	INITIAL	1	SW5030C	KR433	71-43-2	Benzene	< 0.5	0.5
KAFB-106062	GW062-202	4/27/2020	D	INITIAL	1	SW3005A	KR433	7439-89-6	Iron	< 0.103	0.103
KAFB-106062	GW062-202	4/29/2020	D	INITIAL	1	SW3005A	KR433	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106065	GW065-202	4/30/2020	N	INITIAL	5		KR434	14808-79-8	Sulfate	36.9	36.9
KAFB-106065	GW065-202	4/30/2020	N	INITIAL	5		KR434	16887-00-6	Chloride	19.0	19
KAFB-106065	GW065-202	4/30/2020	N	INITIAL	5		KR434	24959-67-9	Bromide	< 2.0	2
KAFB-106065	GW065-202	4/28/2020	N	INITIAL	1		KR434	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106065	GW065-202	4/24/2020	N	INITIAL	1		KR434	ALK	Alkalinity, total (as CaCO3)	197	197
KAFB-106065	GW065-202	4/24/2020	N	INITIAL	1		KR434	ALK-B	Alkalinity, bicarbonate (as CaCO3)	197	197
KAFB-106065	GW065-202	4/24/2020	N	INITIAL	1		KR434	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106065	GW065-202	4/24/2020	N	INITIAL	1		KR434	ALK-B	Alkalinity, bicarbonate (as CaCO3)	197	197
KAFB-106065	GW065-202	4/24/2020	N	INITIAL	1		KR434	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106065	GW065-202	4/30/2020	T	INITIAL	1	SW3005A	KR434	7439-95-4	Magnesium	9.63	9.63
KAFB-106065	GW065-202	4/30/2020	T	INITIAL	1	SW3005A	KR434	7440-23-5	Sodium	30.7	30.7
KAFB-106065	GW065-202	4/30/2020	T	INITIAL	1	SW3005A	KR434	7440-70-2	Calcium	59.1	59.1
KAFB-106065	GW065-202	5/1/2020	T	INITIAL	1	SW3005A	KR434	7440-09-7	Potassium	2.89	2.89
KAFB-106065	GW065-202	4/30/2020	T	INITIAL	1	SW3020A	KR434	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106065	GW065-202	4/30/2020	T	INITIAL	1	SW3020A	KR434	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106065	GW065-202	4/29/2020	N	INITIAL	1	METHOD	KR434	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106065	GW065-202	5/2/2020	N	INITIAL	1	SW5030C	KR434	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106065	GW065-202	5/2/2020	N	INITIAL	1	SW5030C	KR434	108-88-3	Toluene	< 0.5	0.5
KAFB-106065	GW065-202	5/2/2020	N	INITIAL	1	SW5030C	KR434	1330-20-7	Xylenes, total	< 2	2
KAFB-106065	GW065-202	5/2/2020	N	INITIAL	1	SW5030C	KR434	71-43-2	Benzene	< 0.5	0.5
KAFB-106065	GW065-202	4/29/2020	D	INITIAL	1	SW3005A	KR434	7439-89-6	Iron	0.130	0.13
KAFB-106065	GW065-202	4/29/2020	D	INITIAL	1	SW3005A	KR434	7439-96-5	Manganese	1.22	1.22
KAFB-106038	GW038-202	4/29/2020	N	INITIAL	5		KR434	24959-67-9	Bromide	1.9	1.9
KAFB-106038	GW038-202	4/29/2020	N	INITIAL	50		KR434	14808-79-8	Sulfate	108	108
KAFB-106038	GW038-202	4/29/2020	N	INITIAL	50		KR434	16887-00-6	Chloride	67.1	67.1
KAFB-106038	GW038-202	4/28/2020	N	INITIAL	1		KR434	NNN	Nitrogen as nitrate + nitrite	2.2	2.2
KAFB-106038	GW038-202	4/24/2020	N	INITIAL	1		KR434	ALK	Alkalinity, total (as CaCO3)	130	130
KAFB-106038	GW038-202	4/24/2020	N	INITIAL	1		KR434	ALK-B	Alkalinity, bicarbonate (as CaCO3)	130	130
KAFB-106038	GW038-202	4/24/2020	N	INITIAL	1		KR434	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106038	GW038-202	4/30/2020	T	INITIAL	1	SW3005A	KR434	7439-95-4	Magnesium	9.98	9.98
KAFB-106038	GW038-202	4/30/2020	T	INITIAL	1	SW3005A	KR434	7440-23-5	Sodium	32.4	32.4
KAFB-106038	GW038-202	4/30/2020	T	INITIAL	1	SW3005A	KR434	7440-70-2	Calcium	72.3	72.3
KAFB-106038	GW038-202	5/1/2020	T	INITIAL	1	SW3005A	KR434	7440-09-7	Potassium	3.22	3.22
KAFB-106038	GW038-202	4/30/2020	T	INITIAL	1	SW3020A	KR434	7439-92-1	Lead	0.00017	0.00017
KAFB-106038	GW038-202	4/30/2020	T	INITIAL	1	SW3020A	KR434	7440-38-2	Arsenic	0.00078	0.00078
KAFB-106038	GW038-202	4/29/2020	N	INITIAL	1	METHOD	KR434	106-93-4	1,2-Dibromoethane	< 0.019	0.019

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106038	GW038-202	5/2/2020	N	INITIAL	1	SW5030C	KR434	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106038	GW038-202	5/2/2020	N	INITIAL	1	SW5030C	KR434	108-88-3	Toluene	< 0.5	0.5
KAFB-106038	GW038-202	5/2/2020	N	INITIAL	1	SW5030C	KR434	1330-20-7	Xylenes, total	< 2	2
KAFB-106038	GW038-202	5/2/2020	N	INITIAL	1	SW5030C	KR434	71-43-2	Benzene	< 0.5	0.5
KAFB-106038	GW038-202	5/2/2020	N	INITIAL	1	SW5030C	KR434	91-20-3	Naphthalene	< 2	2
KAFB-106038	GW038-202	4/29/2020	D	INITIAL	1	SW3005A	KR434	7439-89-6	Iron	< 0.103	0.103
KAFB-106038	GW038-202	4/29/2020	D	INITIAL	1	SW3005A	KR434	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106066	GW066-202	4/30/2020	N	INITIAL	5		KR434	14808-79-8	Sulfate	28.4	28.4
KAFB-106066	GW066-202	4/30/2020	N	INITIAL	5		KR434	16887-00-6	Chloride	6.9	6.9
KAFB-106066	GW066-202	4/30/2020	N	INITIAL	5		KR434	24959-67-9	Bromide	< 2.0	2
KAFB-106066	GW066-202	4/28/2020	N	INITIAL	1		KR434	NNN	Nitrogen as nitrate + nitrite	0.088	0.088
KAFB-106066	GW066-202	4/24/2020	N	INITIAL	1		KR434	ALK	Alkalinity, total (as CaCO3)	115	115
KAFB-106066	GW066-202	4/24/2020	N	INITIAL	1		KR434	ALK-B	Alkalinity, bicarbonate (as CaCO3)	115	115
KAFB-106066	GW066-202	4/24/2020	N	INITIAL	1		KR434	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106066	GW066-202	4/30/2020	T	INITIAL	1	SW3005A	KR434	7439-95-4	Magnesium	4.25	4.25
KAFB-106066	GW066-202	4/30/2020	T	INITIAL	1	SW3005A	KR434	7440-23-5	Sodium	21.0	21
KAFB-106066	GW066-202	4/30/2020	T	INITIAL	1	SW3005A	KR434	7440-70-2	Calcium	30.5	30.5
KAFB-106066	GW066-202	5/1/2020	T	INITIAL	1	SW3005A	KR434	7440-09-7	Potassium	2.05	2.05
KAFB-106066	GW066-202	4/30/2020	T	INITIAL	1	SW3020A	KR434	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106066	GW066-202	4/30/2020	T	INITIAL	1	SW3020A	KR434	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106066	GW066-202	4/29/2020	N	INITIAL	1	METHOD	KR434	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106066	GW066-202	5/2/2020	N	INITIAL	1	SW5030C	KR434	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106066	GW066-202	5/2/2020	N	INITIAL	1	SW5030C	KR434	108-88-3	Toluene	< 0.5	0.5
KAFB-106066	GW066-202	5/2/2020	N	INITIAL	1	SW5030C	KR434	1330-20-7	Xylenes, total	< 2	2
KAFB-106066	GW066-202	5/2/2020	N	INITIAL	1	SW5030C	KR434	71-43-2	Benzene	< 0.5	0.5
KAFB-106066	GW066-202	4/29/2020	D	INITIAL	1	SW3005A	KR434	7439-89-6	Iron	< 0.103	0.103
KAFB-106066	GW066-202	4/29/2020	D	INITIAL	1	SW3005A	KR434	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106046	GW046-202	4/30/2020	N	INITIAL	5		KR434	14808-79-8	Sulfate	29.4	29.4
KAFB-106046	GW046-202	4/30/2020	N	INITIAL	5		KR434	16887-00-6	Chloride	8.6	8.6
KAFB-106046	GW046-202	4/30/2020	N	INITIAL	5		KR434	24959-67-9	Bromide	< 2.0	2
KAFB-106046	GW046-202	4/28/2020	N	INITIAL	1		KR434	NNN	Nitrogen as nitrate + nitrite	0.35	0.35
KAFB-106046	GW046-202	4/24/2020	N	INITIAL	1		KR434	ALK	Alkalinity, total (as CaCO3)	127	127
KAFB-106046	GW046-202	4/24/2020	N	INITIAL	1		KR434	ALK-B	Alkalinity, bicarbonate (as CaCO3)	127	127
KAFB-106046	GW046-202	4/24/2020	N	INITIAL	1		KR434	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106046	GW046-202	4/30/2020	T	INITIAL	1	SW3005A	KR434	7439-95-4	Magnesium	5.33	5.33
KAFB-106046	GW046-202	4/30/2020	T	INITIAL	1	SW3005A	KR434	7440-70-2	Calcium	37.2	37.2
KAFB-106046	GW046-202	4/30/2020	T	INITIAL	1	SW3005A	KR434	7440-23-5	Sodium	24.0	24
KAFB-106046	GW046-202	5/1/2020	T	INITIAL	1	SW3005A	KR434	7440-09-7	Potassium	2.16	2.16
KAFB-106046	GW046-202	4/30/2020	T	INITIAL	1	SW3020A	KR434	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106046	GW046-202	4/30/2020	T	INITIAL	1	SW3020A	KR434	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106046	GW046-202	4/29/2020	N	INITIAL	1	METHOD	KR434	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106046	GW046-202	4/29/2020	D	INITIAL	1	SW3005A	KR434	7439-89-6	Iron	< 0.103	0.103
KAFB-106046	GW046-202	4/29/2020	D	INITIAL	1	SW3005A	KR434	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106039	GW039-202	4/30/2020	N	INITIAL	5		KR434	14808-79-8	Sulfate	67.9	67.9
KAFB-106039	GW039-202	4/30/2020	N	INITIAL	5		KR434	24959-67-9	Bromide	< 2.0	2
KAFB-106039	GW039-202	4/30/2020	N	INITIAL	50		KR434	16887-00-6	Chloride	59.0	59
KAFB-106039	GW039-202	4/28/2020	N	INITIAL	1		KR434	NNN	Nitrogen as nitrate + nitrite	1.5	1.5
KAFB-106039	GW039-202	4/24/2020	N	INITIAL	1		KR434	ALK	Alkalinity, total (as CaCO3)	125	125
KAFB-106039	GW039-202	4/24/2020	N	INITIAL	1		KR434	ALK-B	Alkalinity, bicarbonate (as CaCO3)	125	125
KAFB-106039	GW039-202	4/24/2020	N	INITIAL	1		KR434	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106039	GW039-202	4/30/2020	T	INITIAL	1	SW3005A	KR434	7439-95-4	Magnesium	8.80	8.8
KAFB-106039	GW039-202	4/30/2020	T	INITIAL	1	SW3005A	KR434	7440-70-2	Calcium	64.7	64.7
KAFB-106039	GW039-202	4/30/2020	T	INITIAL	1	SW3005A	KR434	7440-23-5	Sodium	31.1	31.1
KAFB-106039	GW039-202	5/1/2020	T	INITIAL	1	SW3005A	KR434	7440-09-7	Potassium	2.82	2.82
KAFB-106039	GW039-202	4/30/2020	T	INITIAL	1	SW3020A	KR434	7439-92-1	Lead	0.00023	0.00023

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106039	GW039-202	4/30/2020	T	INITIAL	1	SW3020A	KR434	7440-38-2	Arsenic	0.00084	0.00084
KAFB-106039	GW039-202	4/29/2020	N	INITIAL	1	METHOD	KR434	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106039	GW039-202	4/29/2020	D	INITIAL	1	SW3005A	KR434	7439-89-6	Iron	< 0.103	0.103
KAFB-106039	GW039-202	4/29/2020	D	INITIAL	1	SW3005A	KR434	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106080	GW080-202	5/2/2020	N	INITIAL	200		KR435	16887-00-6	Chloride	124	124
KAFB-106080	GW080-202	5/5/2020	N	INITIAL	5		KR435	14808-79-8	Sulfate	56.2	56.2
KAFB-106080	GW080-202	5/5/2020	N	INITIAL	5		KR435	24959-67-9	Bromide	3.1	3.1
KAFB-106080	GW080-202	4/28/2020	N	INITIAL	1		KR435	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106080	GW080-202	4/29/2020	N	INITIAL	1		KR435	ALK	Alkalinity, total (as CaCO3)	271	271
KAFB-106080	GW080-202	4/29/2020	N	INITIAL	1		KR435	ALK-B	Alkalinity, bicarbonate (as CaCO3)	271	271
KAFB-106080	GW080-202	4/29/2020	N	INITIAL	1		KR435	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106080	GW080-202	5/1/2020	T	INITIAL	1	SW3005A	KR435	7439-95-4	Magnesium	22.9	22.9
KAFB-106080	GW080-202	5/1/2020	T	INITIAL	1	SW3005A	KR435	7440-09-7	Potassium	3.77	3.77
KAFB-106080	GW080-202	5/1/2020	T	INITIAL	1	SW3005A	KR435	7440-23-5	Sodium	43.0	43
KAFB-106080	GW080-202	5/1/2020	T	INITIAL	1	SW3005A	KR435	7440-70-2	Calcium	131	131
KAFB-106080	GW080-202	4/30/2020	T	INITIAL	1	SW3020A	KR435	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106080	GW080-202	4/30/2020	T	INITIAL	1	SW3020A	KR435	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106080	GW080-202	4/30/2020	N	INITIAL	1	METHOD	KR435	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106080	GW080-202	5/4/2020	N	INITIAL	1	SW5030C	KR435	100-41-4	Ethylbenzene	3	3
KAFB-106080	GW080-202	5/4/2020	N	INITIAL	1	SW5030C	KR435	108-88-3	Toluene	< 0.5	0.5
KAFB-106080	GW080-202	5/4/2020	N	INITIAL	1	SW5030C	KR435	1330-20-7	Xylenes, total	< 2	2
KAFB-106080	GW080-202	5/4/2020	N	INITIAL	1	SW5030C	KR435	71-43-2	Benzene	8	8
KAFB-106080	GW080-202	4/28/2020	D	INITIAL	1	SW3005A	KR435	7439-96-5	Manganese	4.03	4.03
KAFB-106080	GW080-202	4/28/2020	D	INITIAL	1	SW3005A	KR435	7439-89-6	Iron	2.17	2.17
KAFB-106040	GW040-202	5/2/2020	N	INITIAL	5		KR435	16887-00-6	Chloride	17.5	17.5
KAFB-106040	GW040-202	5/5/2020	N	INITIAL	5		KR435	14808-79-8	Sulfate	42.5	42.5
KAFB-106040	GW040-202	5/5/2020	N	INITIAL	5		KR435	24959-67-9	Bromide	< 2.0	2
KAFB-106040	GW040-202	4/28/2020	N	INITIAL	1		KR435	NNN	Nitrogen as nitrate + nitrite	0.45	0.45
KAFB-106040	GW040-202	4/29/2020	N	INITIAL	1		KR435	ALK	Alkalinity, total (as CaCO3)	109	109
KAFB-106040	GW040-202	4/29/2020	N	INITIAL	1		KR435	ALK-B	Alkalinity, bicarbonate (as CaCO3)	109	109
KAFB-106040	GW040-202	4/29/2020	N	INITIAL	1		KR435	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106040	GW040-202	5/1/2020	T	INITIAL	1	SW3005A	KR435	7439-95-4	Magnesium	5.92	5.92
KAFB-106040	GW040-202	5/1/2020	T	INITIAL	1	SW3005A	KR435	7440-09-7	Potassium	2.58	2.58
KAFB-106040	GW040-202	5/1/2020	T	INITIAL	1	SW3005A	KR435	7440-23-5	Sodium	27.1	27.1
KAFB-106040	GW040-202	5/1/2020	T	INITIAL	1	SW3005A	KR435	7440-70-2	Calcium	43.1	43.1
KAFB-106040	GW040-202	4/30/2020	T	INITIAL	1	SW3020A	KR435	7439-92-1	Lead	0.000089	0.000089
KAFB-106040	GW040-202	4/30/2020	T	INITIAL	1	SW3020A	KR435	7440-38-2	Arsenic	0.00092	0.00092
KAFB-106040	GW040-202	4/30/2020	N	INITIAL	1	METHOD	KR435	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106040	GW040-202	4/28/2020	D	INITIAL	1	SW3005A	KR435	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106040	GW040-202	4/28/2020	D	INITIAL	1	SW3005A	KR435	7439-89-6	Iron	< 0.103	0.103
KAFB-106069	GW069-202	5/5/2020	N	INITIAL	5		KR435	14808-79-8	Sulfate	39.5	39.5
KAFB-106069	GW069-202	5/5/2020	N	INITIAL	5		KR435	16887-00-6	Chloride	29.9	29.9
KAFB-106069	GW069-202	5/5/2020	N	INITIAL	5		KR435	24959-67-9	Bromide	< 2.0	2
KAFB-106069	GW069-202	4/28/2020	N	INITIAL	1		KR435	NNN	Nitrogen as nitrate + nitrite	0.17	0.17
KAFB-106069	GW069-202	4/29/2020	N	INITIAL	1		KR435	ALK	Alkalinity, total (as CaCO3)	122	122
KAFB-106069	GW069-202	4/29/2020	N	INITIAL	1		KR435	ALK-B	Alkalinity, bicarbonate (as CaCO3)	122	122
KAFB-106069	GW069-202	4/29/2020	N	INITIAL	1		KR435	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106069	GW069-202	5/1/2020	T	INITIAL	1	SW3005A	KR435	7439-95-4	Magnesium	7.12	7.12
KAFB-106069	GW069-202	5/1/2020	T	INITIAL	1	SW3005A	KR435	7440-09-7	Potassium	2.57	2.57
KAFB-106069	GW069-202	5/1/2020	T	INITIAL	1	SW3005A	KR435	7440-23-5	Sodium	26.7	26.7
KAFB-106069	GW069-202	5/1/2020	T	INITIAL	1	SW3005A	KR435	7440-70-2	Calcium	50.1	50.1
KAFB-106069	GW069-202	4/30/2020	T	INITIAL	1	SW3020A	KR435	7439-92-1	Lead	0.00022	0.00022
KAFB-106069	GW069-202	4/30/2020	T	INITIAL	1	SW3020A	KR435	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106069	GW069-202	4/30/2020	N	INITIAL	1	METHOD	KR435	106-93-4	1,2-Dibromoethane	0.014	0.014
KAFB-106069	GW069-202	5/4/2020	N	INITIAL	1	SW5030C	KR435	100-41-4	Ethylbenzene	< 0.8	0.8

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106069	GW069-202	5/4/2020	N	INITIAL	1	SW5030C	KR435	108-88-3	Toluene	1	1
KAFB-106069	GW069-202	5/4/2020	N	INITIAL	1	SW5030C	KR435	1330-20-7	Xylenes, total	< 2	2
KAFB-106069	GW069-202	5/4/2020	N	INITIAL	1	SW5030C	KR435	71-43-2	Benzene	0.2	0.2
KAFB-106069	GW069-202	4/28/2020	D	INITIAL	1	SW3005A	KR435	7439-96-5	Manganese	0.0267	0.0267
KAFB-106069	GW069-202	4/28/2020	D	INITIAL	1	SW3005A	KR435	7439-89-6	Iron	< 0.103	0.103
KAFB-106012R	GW012R-202	5/3/2020	N	INITIAL	5		KR435	24959-67-9	Bromide	3.0	3
KAFB-106012R	GW012R-202	5/4/2020	N	INITIAL	200		KR435	14808-79-8	Sulfate	312	312
KAFB-106012R	GW012R-202	5/4/2020	N	INITIAL	200		KR435	16887-00-6	Chloride	147	147
KAFB-106012R	GW012R-202	4/28/2020	N	INITIAL	2		KR435	NNN	Nitrogen as nitrate + nitrite	4.7	4.7
KAFB-106012R	GW012R-202	4/29/2020	N	INITIAL	1		KR435	ALK	Alkalinity, total (as CaCO3)	109	109
KAFB-106012R	GW012R-202	4/29/2020	N	INITIAL	1		KR435	ALK-B	Alkalinity, bicarbonate (as CaCO3)	109	109
KAFB-106012R	GW012R-202	4/29/2020	N	INITIAL	1		KR435	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106012R	GW012R-202	4/30/2020	T	INITIAL	1	SW3005A	KR435	7439-95-4	Magnesium	25.3	25.3
KAFB-106012R	GW012R-202	4/30/2020	T	INITIAL	1	SW3005A	KR435	7440-23-5	Sodium	72.3	72.3
KAFB-106012R	GW012R-202	4/30/2020	T	INITIAL	1	SW3005A	KR435	7440-70-2	Calcium	165	165
KAFB-106012R	GW012R-202	5/1/2020	T	INITIAL	1	SW3005A	KR435	7440-09-7	Potassium	5.28	5.28
KAFB-106012R	GW012R-202	5/1/2020	T	INITIAL	1	SW3020A	KR435	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106012R	GW012R-202	5/1/2020	T	INITIAL	1	SW3020A	KR435	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106012R	GW012R-202	4/30/2020	N	INITIAL	1	METHOD	KR435	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106012R	GW012R-202	5/4/2020	N	INITIAL	1	SW5030C	KR435	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106012R	GW012R-202	5/4/2020	N	INITIAL	1	SW5030C	KR435	108-88-3	Toluene	1	1
KAFB-106012R	GW012R-202	5/4/2020	N	INITIAL	1	SW5030C	KR435	1330-20-7	Xylenes, total	< 2	2
KAFB-106012R	GW012R-202	5/4/2020	N	INITIAL	1	SW5030C	KR435	71-43-2	Benzene	< 0.5	0.5
KAFB-106012R	GW012R-202	4/28/2020	D	INITIAL	1	SW3005A	KR435	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106012R	GW012R-202	4/28/2020	D	INITIAL	1	SW3005A	KR435	7439-89-6	Iron	< 0.103	0.103
KAFB-106019	GW019-202	5/2/2020	N	INITIAL	500		KR435	16887-00-6	Chloride	314	314
KAFB-106019	GW019-202	5/5/2020	N	INITIAL	5		KR435	24959-67-9	Bromide	4.4	4.4
KAFB-106019	GW019-202	5/5/2020	N	INITIAL	50		KR435	14808-79-8	Sulfate	282	282
KAFB-106019	GW019-202	4/28/2020	N	INITIAL	5		KR435	NNN	Nitrogen as nitrate + nitrite	1.6	1.6
KAFB-106019	GW019-202	4/29/2020	N	INITIAL	1		KR435	ALK	Alkalinity, total (as CaCO3)	83.8	83.8
KAFB-106019	GW019-202	4/29/2020	N	INITIAL	1		KR435	ALK-B	Alkalinity, bicarbonate (as CaCO3)	83.8	83.8
KAFB-106019	GW019-202	4/29/2020	N	INITIAL	1		KR435	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106019	GW019-202	5/1/2020	T	INITIAL	1	SW3005A	KR435	7439-95-4	Magnesium	27.7	27.7
KAFB-106019	GW019-202	5/1/2020	T	INITIAL	1	SW3005A	KR435	7440-09-7	Potassium	4.51	4.51
KAFB-106019	GW019-202	5/1/2020	T	INITIAL	1	SW3005A	KR435	7440-23-5	Sodium	53.9	53.9
KAFB-106019	GW019-202	5/1/2020	T	INITIAL	1	SW3005A	KR435	7440-70-2	Calcium	204	204
KAFB-106019	GW019-202	4/30/2020	T	INITIAL	1	SW3020A	KR435	7439-92-1	Lead	0.00034	0.00034
KAFB-106019	GW019-202	4/30/2020	T	INITIAL	1	SW3020A	KR435	7440-38-2	Arsenic	0.0024	0.0024
KAFB-106019	GW019-202	4/30/2020	N	INITIAL	1	METHOD	KR435	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106019	GW019-202	4/28/2020	D	INITIAL	1	SW3005A	KR435	7439-96-5	Manganese	0.0572	0.0572
KAFB-106019	GW019-202	4/28/2020	D	INITIAL	1	SW3005A	KR435	7439-89-6	Iron	< 0.103	0.103
KAFB-106045	GW045-202	5/3/2020	N	INITIAL	5		KR436	14808-79-8	Sulfate	27.2	27.2
KAFB-106045	GW045-202	5/3/2020	N	INITIAL	5		KR436	16887-00-6	Chloride	6.5	6.5
KAFB-106045	GW045-202	5/3/2020	N	INITIAL	5		KR436	24959-67-9	Bromide	< 2.0	2
KAFB-106045	GW045-202	4/28/2020	N	INITIAL	1		KR436	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106045	GW045-202	4/29/2020	N	INITIAL	1		KR436	ALK	Alkalinity, total (as CaCO3)	101	101
KAFB-106045	GW045-202	4/29/2020	N	INITIAL	1		KR436	ALK-B	Alkalinity, bicarbonate (as CaCO3)	101	101
KAFB-106045	GW045-202	4/29/2020	N	INITIAL	1		KR436	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106045	GW045-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7439-95-4	Magnesium	4.72	4.72
KAFB-106045	GW045-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-09-7	Potassium	2.03	2.03
KAFB-106045	GW045-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-23-5	Sodium	20.7	20.7
KAFB-106045	GW045-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-70-2	Calcium	31.6	31.6
KAFB-106045	GW045-202	5/1/2020	T	INITIAL	1	SW3020A	KR436	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106045	GW045-202	5/1/2020	T	INITIAL	1	SW3020A	KR436	7440-38-2	Arsenic	0.0015	0.0015
KAFB-106045	GW045-202	4/30/2020	N	INITIAL	1	METHOD	KR436	106-93-4	1,2-Dibromoethane	< 0.019	0.019

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106045	GW045-202	4/29/2020	D	INITIAL	1	SW3005A	KR436	7439-89-6	Iron	< 0.103	0.103
KAFB-106045	GW045-202	4/29/2020	D	INITIAL	1	SW3005A	KR436	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106006	GW006-202	5/3/2020	N	INITIAL	5		KR436	14808-79-8	Sulfate	3.1	3.1
KAFB-106006	GW006-202	5/3/2020	N	INITIAL	5		KR436	16887-00-6	Chloride	10.2	10.2
KAFB-106006	GW006-202	5/3/2020	N	INITIAL	5		KR436	24959-67-9	Bromide	< 2.0	2
KAFB-106006	GW006-202	4/28/2020	N	INITIAL	1		KR436	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106006	GW006-202	4/29/2020	N	INITIAL	1		KR436	ALK	Alkalinity, total (as CaCO3)	202	202
KAFB-106006	GW006-202	4/29/2020	N	INITIAL	1		KR436	ALK-B	Alkalinity, bicarbonate (as CaCO3)	202	202
KAFB-106006	GW006-202	4/29/2020	N	INITIAL	1		KR436	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106006	GW006-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7439-95-4	Magnesium	7.98	7.98
KAFB-106006	GW006-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-09-7	Potassium	2.60	2.6
KAFB-106006	GW006-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-23-5	Sodium	28.1	28.1
KAFB-106006	GW006-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-70-2	Calcium	54.5	54.5
KAFB-106006	GW006-202	5/1/2020	T	INITIAL	1	SW3020A	KR436	7439-92-1	Lead	0.00018	0.00018
KAFB-106006	GW006-202	5/1/2020	T	INITIAL	1	SW3020A	KR436	7440-38-2	Arsenic	0.0018	0.0018
KAFB-106006	GW006-202	5/1/2020	N	INITIAL	1	METHOD	KR436	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106006	GW006-202	5/4/2020	N	INITIAL	1	SW5030C	KR436	100-41-4	Ethylbenzene	2	2
KAFB-106006	GW006-202	5/4/2020	N	INITIAL	1	SW5030C	KR436	108-88-3	Toluene	0.3	0.3
KAFB-106006	GW006-202	5/4/2020	N	INITIAL	1	SW5030C	KR436	1330-20-7	Xylenes, total	5	5
KAFB-106006	GW006-202	5/4/2020	N	INITIAL	1	SW5030C	KR436	71-43-2	Benzene	11	11
KAFB-106006	GW006-202	4/29/2020	D	INITIAL	1	SW3005A	KR436	7439-89-6	Iron	0.162	0.162
KAFB-106006	GW006-202	4/29/2020	D	INITIAL	1	SW3005A	KR436	7439-96-5	Manganese	0.890	0.89
KAFB-3411	GW3411-202	5/3/2020	N	INITIAL	5		KR436	14808-79-8	Sulfate	27.8	27.8
KAFB-3411	GW3411-202	5/3/2020	N	INITIAL	5		KR436	16887-00-6	Chloride	7.1	7.1
KAFB-3411	GW3411-202	5/3/2020	N	INITIAL	5		KR436	24959-67-9	Bromide	< 2.0	2
KAFB-3411	GW3411-202	4/28/2020	N	INITIAL	1		KR436	NNN	Nitrogen as nitrate + nitrite	0.12	0.12
KAFB-3411	GW3411-202	4/29/2020	N	INITIAL	1		KR436	ALK	Alkalinity, total (as CaCO3)	103	103
KAFB-3411	GW3411-202	4/29/2020	N	INITIAL	1		KR436	ALK-B	Alkalinity, bicarbonate (as CaCO3)	103	103
KAFB-3411	GW3411-202	4/29/2020	N	INITIAL	1		KR436	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-3411	GW3411-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7439-95-4	Magnesium	4.96	4.96
KAFB-3411	GW3411-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-09-7	Potassium	2.12	2.12
KAFB-3411	GW3411-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-23-5	Sodium	19.3	19.3
KAFB-3411	GW3411-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-70-2	Calcium	33.0	33
KAFB-3411	GW3411-202	5/6/2020	T	INITIAL	1	SW3020A	KR436	7439-92-1	Lead	< 0.00025	0.00025
KAFB-3411	GW3411-202	5/6/2020	T	INITIAL	1	SW3020A	KR436	7440-38-2	Arsenic	0.0012	0.0012
KAFB-3411	GW3411-202	5/1/2020	N	INITIAL	1	METHOD	KR436	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-3411	GW3411-202	4/29/2020	D	INITIAL	1	SW3005A	KR436	7439-89-6	Iron	< 0.103	0.103
KAFB-3411	GW3411-202	4/29/2020	D	INITIAL	1	SW3005A	KR436	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106014	GW014-202	5/3/2020	N	INITIAL	5		KR436	14808-79-8	Sulfate	19.9	19.9
KAFB-106014	GW014-202	5/3/2020	N	INITIAL	5		KR436	24959-67-9	Bromide	< 2.0	2
KAFB-106014	GW014-202	5/11/2020	N	INITIAL	50		KR436	16887-00-6	Chloride	84.0	84
KAFB-106014	GW014-202	4/28/2020	N	INITIAL	1		KR436	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106014	GW014-202	4/29/2020	N	INITIAL	1		KR436	ALK	Alkalinity, total (as CaCO3)	318	318
KAFB-106014	GW014-202	4/29/2020	N	INITIAL	1		KR436	ALK-B	Alkalinity, bicarbonate (as CaCO3)	318	318
KAFB-106014	GW014-202	4/29/2020	N	INITIAL	1		KR436	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106014	GW014-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7439-95-4	Magnesium	18.9	18.9
KAFB-106014	GW014-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-09-7	Potassium	3.79	3.79
KAFB-106014	GW014-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-23-5	Sodium	41.1	41.1
KAFB-106014	GW014-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-70-2	Calcium	124	124
KAFB-106014	GW014-202	5/1/2020	T	INITIAL	1	SW3020A	KR436	7439-92-1	Lead	0.00030	0.0003
KAFB-106014	GW014-202	5/1/2020	T	INITIAL	1	SW3020A	KR436	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106014	GW014-202	5/1/2020	N	INITIAL	1	METHOD	KR436	106-93-4	1,2-Dibromoethane	0.043	0.043
KAFB-106014	GW014-202	5/4/2020	N	INITIAL	1	SW5030C	KR436	100-41-4	Ethylbenzene	8	8
KAFB-106014	GW014-202	5/4/2020	N	INITIAL	1	SW5030C	KR436	108-88-3	Toluene	76	76
KAFB-106014	GW014-202	5/4/2020	N	INITIAL	1	SW5030C	KR436	1330-20-7	Xylenes, total	16	16

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106014	GW014-202	5/4/2020	N	INITIAL	1	SW5030C	KR436	71-43-2	Benzene	86	86
KAFB-106014	GW014-202	4/29/2020	D	INITIAL	1	SW3005A	KR436	7439-89-6	Iron	0.352	0.352
KAFB-106014	GW014-202	4/29/2020	D	INITIAL	1	SW3005A	KR436	7439-96-5	Manganese	2.90	2.9
KAFB-106007	GW007-202	5/3/2020	N	INITIAL	5		KR436	14808-79-8	Sulfate	28.3	28.3
KAFB-106007	GW007-202	5/3/2020	N	INITIAL	5		KR436	16887-00-6	Chloride	8.4	8.4
KAFB-106007	GW007-202	5/3/2020	N	INITIAL	5		KR436	24959-67-9	Bromide	< 2.0	2
KAFB-106007	GW007-202	4/28/2020	N	INITIAL	1		KR436	NNN	Nitrogen as nitrate + nitrite	0.25	0.25
KAFB-106007	GW007-202	4/29/2020	N	INITIAL	1		KR436	ALK	Alkalinity, total (as CaCO3)	111	111
KAFB-106007	GW007-202	4/29/2020	N	INITIAL	1		KR436	ALK-B	Alkalinity, bicarbonate (as CaCO3)	111	111
KAFB-106007	GW007-202	4/29/2020	N	INITIAL	1		KR436	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106007	GW007-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7439-95-4	Magnesium	4.95	4.95
KAFB-106007	GW007-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-09-7	Potassium	2.09	2.09
KAFB-106007	GW007-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-23-5	Sodium	22.7	22.7
KAFB-106007	GW007-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-70-2	Calcium	34.3	34.3
KAFB-106007	GW007-202	5/1/2020	T	INITIAL	1	SW3020A	KR436	7439-92-1	Lead	0.00021	0.00021
KAFB-106007	GW007-202	5/1/2020	T	INITIAL	1	SW3020A	KR436	7440-38-2	Arsenic	0.0014	0.0014
KAFB-106007	GW007-202	4/30/2020	N	INITIAL	1	METHOD	KR436	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106007	GW007-202	4/29/2020	D	INITIAL	1	SW3005A	KR436	7439-89-6	Iron	< 0.103	0.103
KAFB-106007	GW007-202	4/29/2020	D	INITIAL	1	SW3005A	KR436	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106010	GW010-202	5/3/2020	N	INITIAL	5		KR436	14808-79-8	Sulfate	20.9	20.9
KAFB-106010	GW010-202	5/3/2020	N	INITIAL	5		KR436	16887-00-6	Chloride	13.3	13.3
KAFB-106010	GW010-202	5/3/2020	N	INITIAL	5		KR436	24959-67-9	Bromide	< 2.0	2
KAFB-106010	GW010-202	4/28/2020	N	INITIAL	1		KR436	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106010	GW010-202	4/29/2020	N	INITIAL	1		KR436	ALK	Alkalinity, total (as CaCO3)	216	216
KAFB-106010	GW010-202	4/29/2020	N	INITIAL	1		KR436	ALK-B	Alkalinity, bicarbonate (as CaCO3)	216	216
KAFB-106010	GW010-202	4/29/2020	N	INITIAL	1		KR436	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106010	GW010-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7439-95-4	Magnesium	9.96	9.96
KAFB-106010	GW010-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-09-7	Potassium	2.80	2.8
KAFB-106010	GW010-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-23-5	Sodium	28.5	28.5
KAFB-106010	GW010-202	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-70-2	Calcium	62.3	62.3
KAFB-106010	GW010-202	5/1/2020	T	INITIAL	1	SW3020A	KR436	7439-92-1	Lead	0.00015	0.00015
KAFB-106010	GW010-202	5/1/2020	T	INITIAL	1	SW3020A	KR436	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106010	GW010-202	5/1/2020	N	INITIAL	1	METHOD	KR436	106-93-4	1,2-Dibromoethane	0.11	0.11
KAFB-106010	GW010-202	5/4/2020	N	INITIAL	5	SW5030C	KR436	100-41-4	Ethylbenzene	150	150
KAFB-106010	GW010-202	5/4/2020	N	INITIAL	5	SW5030C	KR436	108-88-3	Toluene	160	160
KAFB-106010	GW010-202	5/4/2020	N	INITIAL	5	SW5030C	KR436	1330-20-7	Xylenes, total	120	120
KAFB-106010	GW010-202	5/4/2020	N	INITIAL	5	SW5030C	KR436	71-43-2	Benzene	600	600
KAFB-106010	GW010-202	4/29/2020	D	INITIAL	1	SW3005A	KR436	7439-89-6	Iron	0.141	0.141
KAFB-106010	GW010-202	4/29/2020	D	INITIAL	1	SW3005A	KR436	7439-96-5	Manganese	1.88	1.88
KAFB-106010	GW010-602	5/3/2020	N	INITIAL	5		KR436	14808-79-8	Sulfate	20.9	20.9
KAFB-106010	GW010-602	5/3/2020	N	INITIAL	5		KR436	16887-00-6	Chloride	13.3	13.3
KAFB-106010	GW010-602	5/3/2020	N	INITIAL	5		KR436	24959-67-9	Bromide	< 2.0	2
KAFB-106010	GW010-602	4/28/2020	N	INITIAL	1		KR436	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106010	GW010-602	4/29/2020	N	INITIAL	1		KR436	ALK	Alkalinity, total (as CaCO3)	212	212
KAFB-106010	GW010-602	4/29/2020	N	INITIAL	1		KR436	ALK-B	Alkalinity, bicarbonate (as CaCO3)	212	212
KAFB-106010	GW010-602	4/29/2020	N	INITIAL	1		KR436	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106010	GW010-602	5/1/2020	T	INITIAL	1	SW3005A	KR436	7439-95-4	Magnesium	9.99	9.99
KAFB-106010	GW010-602	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-09-7	Potassium	2.81	2.81
KAFB-106010	GW010-602	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-23-5	Sodium	28.7	28.7
KAFB-106010	GW010-602	5/1/2020	T	INITIAL	1	SW3005A	KR436	7440-70-2	Calcium	62.6	62.6
KAFB-106010	GW010-602	5/1/2020	T	INITIAL	1	SW3020A	KR436	7439-92-1	Lead	0.00014	0.00014
KAFB-106010	GW010-602	5/1/2020	T	INITIAL	1	SW3020A	KR436	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106010	GW010-602	5/1/2020	N	INITIAL	1	METHOD	KR436	106-93-4	1,2-Dibromoethane	0.088	0.088
KAFB-106010	GW010-602	5/4/2020	N	INITIAL	5	SW5030C	KR436	100-41-4	Ethylbenzene	160	160
KAFB-106010	GW010-602	5/4/2020	N	INITIAL	5	SW5030C	KR436	108-88-3	Toluene	170	170

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106010	GW010-602	5/4/2020	N	INITIAL	5	SW5030C	KR436	1330-20-7	Xylenes, total	120	120
KAFB-106010	GW010-602	5/4/2020	N	INITIAL	5	SW5030C	KR436	71-43-2	Benzene	610	610
KAFB-106010	GW010-602	4/29/2020	D	INITIAL	1	SW3005A	KR436	7439-89-6	Iron	0.142	0.142
KAFB-106010	GW010-602	4/29/2020	D	INITIAL	1	SW3005A	KR436	7439-96-5	Manganese	1.88	1.88
KAFB-106077	GW077-202	5/4/2020	N	INITIAL	5		KR437	14808-79-8	Sulfate	29.6	29.6
KAFB-106077	GW077-202	5/4/2020	N	INITIAL	5		KR437	16887-00-6	Chloride	7.1	7.1
KAFB-106077	GW077-202	5/4/2020	N	INITIAL	5		KR437	24959-67-9	Bromide	< 2.0	2
KAFB-106077	GW077-202	4/30/2020	N	INITIAL	1		KR437	NNN	Nitrogen as nitrate + nitrite	0.42	0.42
KAFB-106077	GW077-202	4/29/2020	N	INITIAL	1		KR437	ALK	Alkalinity, total (as CaCO3)	108	108
KAFB-106077	GW077-202	4/29/2020	N	INITIAL	1		KR437	ALK-B	Alkalinity, bicarbonate (as CaCO3)	108	108
KAFB-106077	GW077-202	4/29/2020	N	INITIAL	1		KR437	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106077	GW077-202	5/1/2020	T	INITIAL	1	SW3005A	KR437	7439-95-4	Magnesium	5.02	5.02
KAFB-106077	GW077-202	5/1/2020	T	INITIAL	1	SW3005A	KR437	7440-09-7	Potassium	2.18	2.18
KAFB-106077	GW077-202	5/1/2020	T	INITIAL	1	SW3005A	KR437	7440-23-5	Sodium	21.1	21.1
KAFB-106077	GW077-202	5/1/2020	T	INITIAL	1	SW3005A	KR437	7440-70-2	Calcium	34.0	34
KAFB-106077	GW077-202	5/6/2020	T	INITIAL	1	SW3020A	KR437	7439-92-1	Lead	0.00012	0.00012
KAFB-106077	GW077-202	5/6/2020	T	INITIAL	1	SW3020A	KR437	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106077	GW077-202	5/2/2020	N	INITIAL	1	METHOD	KR437	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106077	GW077-202	5/4/2020	N	INITIAL	1	SW5030C	KR437	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106077	GW077-202	5/4/2020	N	INITIAL	1	SW5030C	KR437	108-88-3	Toluene	3	3
KAFB-106077	GW077-202	5/4/2020	N	INITIAL	1	SW5030C	KR437	1330-20-7	Xylenes, total	< 2	2
KAFB-106077	GW077-202	5/4/2020	N	INITIAL	1	SW5030C	KR437	71-43-2	Benzene	< 0.5	0.5
KAFB-106077	GW077-202	4/29/2020	D	INITIAL	1	SW3005A	KR437	7439-89-6	Iron	< 0.103	0.103
KAFB-106077	GW077-202	4/29/2020	D	INITIAL	1	SW3005A	KR437	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106061	GW061-202	5/4/2020	N	INITIAL	5		KR437	14808-79-8	Sulfate	27.9	27.9
KAFB-106061	GW061-202	5/4/2020	N	INITIAL	5		KR437	16887-00-6	Chloride	5.7	5.7
KAFB-106061	GW061-202	5/4/2020	N	INITIAL	5		KR437	24959-67-9	Bromide	< 2.0	2
KAFB-106061	GW061-202	4/30/2020	N	INITIAL	1		KR437	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106061	GW061-202	4/29/2020	N	INITIAL	1		KR437	ALK	Alkalinity, total (as CaCO3)	102	102
KAFB-106061	GW061-202	4/29/2020	N	INITIAL	1		KR437	ALK-B	Alkalinity, bicarbonate (as CaCO3)	102	102
KAFB-106061	GW061-202	4/29/2020	N	INITIAL	1		KR437	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106061	GW061-202	5/1/2020	T	INITIAL	1	SW3005A	KR437	7439-95-4	Magnesium	4.60	4.6
KAFB-106061	GW061-202	5/1/2020	T	INITIAL	1	SW3005A	KR437	7440-09-7	Potassium	2.10	2.1
KAFB-106061	GW061-202	5/1/2020	T	INITIAL	1	SW3005A	KR437	7440-23-5	Sodium	21.4	21.4
KAFB-106061	GW061-202	5/1/2020	T	INITIAL	1	SW3005A	KR437	7440-70-2	Calcium	31.6	31.6
KAFB-106061	GW061-202	5/2/2020	T	INITIAL	1	SW3020A	KR437	7439-92-1	Lead	0.00029	0.00029
KAFB-106061	GW061-202	5/2/2020	T	INITIAL	1	SW3020A	KR437	7440-38-2	Arsenic	0.0015	0.0015
KAFB-106061	GW061-202	5/2/2020	N	INITIAL	1	METHOD	KR437	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106061	GW061-202	5/4/2020	N	INITIAL	1	SW5030C	KR437	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106061	GW061-202	5/4/2020	N	INITIAL	1	SW5030C	KR437	108-88-3	Toluene	1	1
KAFB-106061	GW061-202	5/4/2020	N	INITIAL	1	SW5030C	KR437	1330-20-7	Xylenes, total	< 2	2
KAFB-106061	GW061-202	5/4/2020	N	INITIAL	1	SW5030C	KR437	71-43-2	Benzene	< 0.5	0.5
KAFB-106061	GW061-202	4/29/2020	D	INITIAL	1	SW3005A	KR437	7439-89-6	Iron	< 0.103	0.103
KAFB-106061	GW061-202	4/29/2020	D	INITIAL	1	SW3005A	KR437	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106083	GW083-202	5/4/2020	N	INITIAL	5		KR438	14808-79-8	Sulfate	41.2	41.2
KAFB-106083	GW083-202	5/4/2020	N	INITIAL	5		KR438	16887-00-6	Chloride	25.8	25.8
KAFB-106083	GW083-202	5/4/2020	N	INITIAL	5		KR438	24959-67-9	Bromide	< 2.0	2
KAFB-106083	GW083-202	5/2/2020	N	INITIAL	1		KR438	NNN	Nitrogen as nitrate + nitrite	0.17	0.17
KAFB-106083	GW083-202	5/1/2020	N	INITIAL	1		KR438	ALK	Alkalinity, total (as CaCO3)	115	115
KAFB-106083	GW083-202	5/1/2020	N	INITIAL	1		KR438	ALK-B	Alkalinity, bicarbonate (as CaCO3)	115	115
KAFB-106083	GW083-202	5/1/2020	N	INITIAL	1		KR438	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106083	GW083-202	5/7/2020	T	INITIAL	1	SW3005A	KR438	7439-95-4	Magnesium	6.77	6.77
KAFB-106083	GW083-202	5/7/2020	T	INITIAL	1	SW3005A	KR438	7440-23-5	Sodium	25.1	25.1
KAFB-106083	GW083-202	5/7/2020	T	INITIAL	1	SW3005A	KR438	7440-70-2	Calcium	48.5	48.5
KAFB-106083	GW083-202	5/7/2020	T	INITIAL	1	SW3005A	KR438	7440-09-7	Potassium	2.40	2.4

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106083	GW083-202	5/2/2020	T	INITIAL	1	SW3020A	KR438	7439-92-1	Lead	0.000085	0.000085
KAFB-106083	GW083-202	5/2/2020	T	INITIAL	1	SW3020A	KR438	7440-38-2	Arsenic	0.00079	0.00079
KAFB-106083	GW083-202	5/5/2020	N	INITIAL	1	METHOD	KR438	106-93-4	1,2-Dibromoethane	0.022	0.022
KAFB-106083	GW083-202	5/1/2020	D	INITIAL	1	SW3005A	KR438	7439-89-6	Iron	< 0.103	0.103
KAFB-106083	GW083-202	5/1/2020	D	INITIAL	1	SW3005A	KR438	7439-96-5	Manganese	0.118	0.118
KAFB-106020	GW020-202	5/4/2020	N	INITIAL	5		KR438	16887-00-6	Chloride	26.5	26.5
KAFB-106020	GW020-202	5/4/2020	N	INITIAL	5		KR438	24959-67-9	Bromide	< 2.0	2
KAFB-106020	GW020-202	5/4/2020	N	INITIAL	50		KR438	14808-79-8	Sulfate	88.2	88.2
KAFB-106020	GW020-202	5/2/2020	N	INITIAL	1		KR438	NNN	Nitrogen as nitrate + nitrite	0.55	0.55
KAFB-106020	GW020-202	5/1/2020	N	INITIAL	1		KR438	ALK	Alkalinity, total (as CaCO3)	111	111
KAFB-106020	GW020-202	5/1/2020	N	INITIAL	1		KR438	ALK-B	Alkalinity, bicarbonate (as CaCO3)	111	111
KAFB-106020	GW020-202	5/1/2020	N	INITIAL	1		KR438	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106020	GW020-202	5/7/2020	T	INITIAL	1	SW3005A	KR438	7439-95-4	Magnesium	8.38	8.38
KAFB-106020	GW020-202	5/7/2020	T	INITIAL	1	SW3005A	KR438	7440-23-5	Sodium	26.6	26.6
KAFB-106020	GW020-202	5/7/2020	T	INITIAL	1	SW3005A	KR438	7440-70-2	Calcium	59.2	59.2
KAFB-106020	GW020-202	5/7/2020	T	INITIAL	1	SW3005A	KR438	7440-09-7	Potassium	2.49	2.49
KAFB-106020	GW020-202	5/6/2020	T	INITIAL	1	SW3020A	KR438	7439-92-1	Lead	0.00014	0.00014
KAFB-106020	GW020-202	5/6/2020	T	INITIAL	1	SW3020A	KR438	7440-38-2	Arsenic	0.0080	0.008
KAFB-106020	GW020-202	5/5/2020	N	INITIAL	1	METHOD	KR438	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106020	GW020-202	5/1/2020	D	INITIAL	1	SW3005A	KR438	7439-89-6	Iron	0.0486	0.0486
KAFB-106020	GW020-202	5/1/2020	D	INITIAL	1	SW3005A	KR438	7439-96-5	Manganese	0.0076	0.0076
KAFB-106084	GW084-202	5/5/2020	N	INITIAL	5		KR438	14808-79-8	Sulfate	28.4	28.4
KAFB-106084	GW084-202	5/5/2020	N	INITIAL	5		KR438	16887-00-6	Chloride	7.2	7.2
KAFB-106084	GW084-202	5/5/2020	N	INITIAL	5		KR438	24959-67-9	Bromide	< 2.0	2
KAFB-106084	GW084-202	5/2/2020	N	INITIAL	1		KR438	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106084	GW084-202	4/30/2020	N	INITIAL	1		KR438	ALK	Alkalinity, total (as CaCO3)	108	108
KAFB-106084	GW084-202	4/30/2020	N	INITIAL	1		KR438	ALK-B	Alkalinity, bicarbonate (as CaCO3)	108	108
KAFB-106084	GW084-202	4/30/2020	N	INITIAL	1		KR438	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106084	GW084-202	5/1/2020	T	INITIAL	1	SW3005A	KR438	7439-95-4	Magnesium	4.52	4.52
KAFB-106084	GW084-202	5/1/2020	T	INITIAL	1	SW3005A	KR438	7440-09-7	Potassium	2.09	2.09
KAFB-106084	GW084-202	5/1/2020	T	INITIAL	1	SW3005A	KR438	7440-23-5	Sodium	22.2	22.2
KAFB-106084	GW084-202	5/1/2020	T	INITIAL	1	SW3005A	KR438	7440-70-2	Calcium	31.6	31.6
KAFB-106084	GW084-202	5/2/2020	T	INITIAL	1	SW3020A	KR438	7439-92-1	Lead	0.000088	0.000088
KAFB-106084	GW084-202	5/2/2020	T	INITIAL	1	SW3020A	KR438	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106084	GW084-202	5/5/2020	N	INITIAL	1	METHOD	KR438	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106084	GW084-202	5/1/2020	D	INITIAL	1	SW3005A	KR438	7439-89-6	Iron	< 0.103	0.103
KAFB-106084	GW084-202	5/1/2020	D	INITIAL	1	SW3005A	KR438	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106082	GW082-202	5/4/2020	N	INITIAL	5		KR438	14808-79-8	Sulfate	48.6	48.6
KAFB-106082	GW082-202	5/4/2020	N	INITIAL	5		KR438	24959-67-9	Bromide	< 2.0	2
KAFB-106082	GW082-202	5/4/2020	N	INITIAL	50		KR438	16887-00-6	Chloride	39.7	39.7
KAFB-106082	GW082-202	5/2/2020	N	INITIAL	1		KR438	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106082	GW082-202	5/1/2020	N	INITIAL	1		KR438	ALK	Alkalinity, total (as CaCO3)	133	133
KAFB-106082	GW082-202	5/1/2020	N	INITIAL	1		KR438	ALK-B	Alkalinity, bicarbonate (as CaCO3)	133	133
KAFB-106082	GW082-202	5/1/2020	N	INITIAL	1		KR438	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106082	GW082-202	5/7/2020	T	INITIAL	1	SW3005A	KR438	7439-95-4	Magnesium	8.69	8.69
KAFB-106082	GW082-202	5/7/2020	T	INITIAL	1	SW3005A	KR438	7440-23-5	Sodium	28.3	28.3
KAFB-106082	GW082-202	5/7/2020	T	INITIAL	1	SW3005A	KR438	7440-70-2	Calcium	60.8	60.8
KAFB-106082	GW082-202	5/7/2020	T	INITIAL	1	SW3005A	KR438	7440-09-7	Potassium	2.80	2.8
KAFB-106082	GW082-202	5/6/2020	T	INITIAL	1	SW3020A	KR438	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106082	GW082-202	5/6/2020	T	INITIAL	1	SW3020A	KR438	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106082	GW082-202	5/5/2020	N	INITIAL	1	METHOD	KR438	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106082	GW082-202	5/1/2020	D	INITIAL	1	SW3005A	KR438	7439-89-6	Iron	< 0.103	0.103
KAFB-106082	GW082-202	5/1/2020	D	INITIAL	1	SW3005A	KR438	7439-96-5	Manganese	0.0965	0.0965
KAFB-106076	GW076-202	5/4/2020	N	INITIAL	5		KR438	14808-79-8	Sulfate	17.2	17.2
KAFB-106076	GW076-202	5/4/2020	N	INITIAL	5		KR438	16887-00-6	Chloride	11.7	11.7

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106076	GW076-202	5/4/2020	N	INITIAL	5		KR438	24959-67-9	Bromide	< 2.0	2
KAFB-106076	GW076-202	5/2/2020	N	INITIAL	1		KR438	NNN	Nitrogen as nitrate + nitrite	0.069	0.069
KAFB-106076	GW076-202	5/1/2020	N	INITIAL	1		KR438	ALK	Alkalinity, total (as CaCO3)	145	145
KAFB-106076	GW076-202	5/1/2020	N	INITIAL	1		KR438	ALK-B	Alkalinity, bicarbonate (as CaCO3)	145	145
KAFB-106076	GW076-202	5/1/2020	N	INITIAL	1		KR438	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106076	GW076-202	5/7/2020	T	INITIAL	1	SW3005A	KR438	7439-95-4	Magnesium	6.18	6.18
KAFB-106076	GW076-202	5/7/2020	T	INITIAL	1	SW3005A	KR438	7440-23-5	Sodium	23.9	23.9
KAFB-106076	GW076-202	5/7/2020	T	INITIAL	1	SW3005A	KR438	7440-70-2	Calcium	43.5	43.5
KAFB-106076	GW076-202	5/7/2020	T	INITIAL	1	SW3005A	KR438	7440-09-7	Potassium	2.43	2.43
KAFB-106076	GW076-202	5/6/2020	T	INITIAL	1	SW3020A	KR438	7439-92-1	Lead	0.00052	0.00052
KAFB-106076	GW076-202	5/6/2020	T	INITIAL	1	SW3020A	KR438	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106076	GW076-202	5/5/2020	N	INITIAL	1	METHOD	KR438	106-93-4	1,2-Dibromoethane	0.024	0.024
KAFB-106076	GW076-202	5/5/2020	N	INITIAL	1	SW5030C	KR438	100-41-4	Ethylbenzene	7	7
KAFB-106076	GW076-202	5/5/2020	N	INITIAL	1	SW5030C	KR438	108-88-3	Toluene	2	2
KAFB-106076	GW076-202	5/5/2020	N	INITIAL	1	SW5030C	KR438	1330-20-7	Xylenes, total	12	12
KAFB-106076	GW076-202	5/5/2020	N	INITIAL	1	SW5030C	KR438	71-43-2	Benzene	0.6	0.6
KAFB-106076	GW076-202	5/1/2020	D	INITIAL	1	SW3005A	KR438	7439-89-6	Iron	0.111	0.111
KAFB-106076	GW076-202	5/1/2020	D	INITIAL	1	SW3005A	KR438	7439-96-5	Manganese	0.272	0.272
KAFB-106048	GW048-202	5/6/2020	N	INITIAL	5		KR439	14808-79-8	Sulfate	28.5	28.5
KAFB-106048	GW048-202	5/6/2020	N	INITIAL	5		KR439	24959-67-9	Bromide	< 2.0	2
KAFB-106048	GW048-202	5/12/2020	N	INITIAL	5		KR439	16887-00-6	Chloride	7.2	7.2
KAFB-106048	GW048-202	5/2/2020	N	INITIAL	1		KR439	NNN	Nitrogen as nitrate + nitrite	0.15	0.15
KAFB-106048	GW048-202	5/2/2020	N	INITIAL	1		KR439	ALK	Alkalinity, total (as CaCO3)	111	111
KAFB-106048	GW048-202	5/2/2020	N	INITIAL	1		KR439	ALK-B	Alkalinity, bicarbonate (as CaCO3)	111	111
KAFB-106048	GW048-202	5/2/2020	N	INITIAL	1		KR439	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106048	GW048-202	5/7/2020	T	INITIAL	1	SW3005A	KR439	7439-95-4	Magnesium	4.71	4.71
KAFB-106048	GW048-202	5/7/2020	T	INITIAL	1	SW3005A	KR439	7440-09-7	Potassium	1.93	1.93
KAFB-106048	GW048-202	5/7/2020	T	INITIAL	1	SW3005A	KR439	7440-23-5	Sodium	21.7	21.7
KAFB-106048	GW048-202	5/7/2020	T	INITIAL	1	SW3005A	KR439	7440-70-2	Calcium	34.5	34.5
KAFB-106048	GW048-202	5/8/2020	T	INITIAL	1	SW3020A	KR439	7439-92-1	Lead	0.00014	0.00014
KAFB-106048	GW048-202	5/10/2020	T	INITIAL	1	SW3020A	KR439	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106048	GW048-202	5/6/2020	N	INITIAL	1	METHOD	KR439	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106048	GW048-202	5/5/2020	D	INITIAL	1	SW3005A	KR439	7439-89-6	Iron	< 0.103	0.103
KAFB-106048	GW048-202	5/5/2020	D	INITIAL	1	SW3005A	KR439	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106095	GW095-202	5/5/2020	N	INITIAL	5		KR439	14808-79-8	Sulfate	36.0	36
KAFB-106095	GW095-202	5/5/2020	N	INITIAL	5		KR439	16887-00-6	Chloride	28.1	28.1
KAFB-106095	GW095-202	5/5/2020	N	INITIAL	5		KR439	24959-67-9	Bromide	< 2.0	2
KAFB-106095	GW095-202	5/2/2020	N	INITIAL	1		KR439	NNN	Nitrogen as nitrate + nitrite	0.77	0.77
KAFB-106095	GW095-202	5/2/2020	N	INITIAL	1		KR439	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106095	GW095-202	5/2/2020	N	INITIAL	1		KR439	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106095	GW095-202	5/2/2020	N	INITIAL	1		KR439	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106095	GW095-202	5/7/2020	T	INITIAL	1	SW3005A	KR439	7439-95-4	Magnesium	6.16	6.16
KAFB-106095	GW095-202	5/7/2020	T	INITIAL	1	SW3005A	KR439	7440-09-7	Potassium	2.44	2.44
KAFB-106095	GW095-202	5/7/2020	T	INITIAL	1	SW3005A	KR439	7440-23-5	Sodium	23.7	23.7
KAFB-106095	GW095-202	5/7/2020	T	INITIAL	1	SW3005A	KR439	7440-70-2	Calcium	46.9	46.9
KAFB-106095	GW095-202	5/8/2020	T	INITIAL	1	SW3020A	KR439	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106095	GW095-202	5/10/2020	T	INITIAL	1	SW3020A	KR439	7440-38-2	Arsenic	0.00084	0.00084
KAFB-106095	GW095-202	5/6/2020	N	INITIAL	1	METHOD	KR439	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106095	GW095-202	5/6/2020	D	INITIAL	1	SW3005A	KR439	7439-89-6	Iron	< 0.103	0.103
KAFB-106095	GW095-202	5/6/2020	D	INITIAL	1	SW3005A	KR439	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106081	GW081-202	5/6/2020	N	INITIAL	5		KR439	14808-79-8	Sulfate	28.0	28
KAFB-106081	GW081-202	5/6/2020	N	INITIAL	5		KR439	24959-67-9	Bromide	< 2.0	2
KAFB-106081	GW081-202	5/12/2020	N	INITIAL	5		KR439	16887-00-6	Chloride	7.2	7.2
KAFB-106081	GW081-202	5/2/2020	N	INITIAL	1		KR439	NNN	Nitrogen as nitrate + nitrite	0.080	0.08
KAFB-106081	GW081-202	5/2/2020	N	INITIAL	1		KR439	ALK	Alkalinity, total (as CaCO3)	105	105

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106081	GW081-202	5/2/2020	N	INITIAL	1		KR439	ALK-B	Alkalinity, bicarbonate (as CaCO3)	105	105
KAFB-106081	GW081-202	5/2/2020	N	INITIAL	1		KR439	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106081	GW081-202	5/7/2020	T	INITIAL	1	SW3005A	KR439	7439-95-4	Magnesium	4.45	4.45
KAFB-106081	GW081-202	5/7/2020	T	INITIAL	1	SW3005A	KR439	7440-09-7	Potassium	2.01	2.01
KAFB-106081	GW081-202	5/7/2020	T	INITIAL	1	SW3005A	KR439	7440-23-5	Sodium	21.2	21.2
KAFB-106081	GW081-202	5/7/2020	T	INITIAL	1	SW3005A	KR439	7440-70-2	Calcium	33.5	33.5
KAFB-106081	GW081-202	5/8/2020	T	INITIAL	1	SW3020A	KR439	7439-92-1	Lead	0.000080	0.00008
KAFB-106081	GW081-202	5/10/2020	T	INITIAL	1	SW3020A	KR439	7440-38-2	Arsenic	0.00099	0.00099
KAFB-106081	GW081-202	5/6/2020	N	INITIAL	1	METHOD	KR439	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106081	GW081-202	5/6/2020	N	INITIAL	1	SW5030C	KR439	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106081	GW081-202	5/6/2020	N	INITIAL	1	SW5030C	KR439	108-88-3	Toluene	0.7	0.7
KAFB-106081	GW081-202	5/6/2020	N	INITIAL	1	SW5030C	KR439	1330-20-7	Xylenes, total	< 2	2
KAFB-106081	GW081-202	5/6/2020	N	INITIAL	1	SW5030C	KR439	71-43-2	Benzene	< 0.5	0.5
KAFB-106081	GW081-202	5/5/2020	D	INITIAL	1	SW3005A	KR439	7439-89-6	Iron	< 0.103	0.103
KAFB-106081	GW081-202	5/5/2020	D	INITIAL	1	SW3005A	KR439	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106073	GW073-202	5/6/2020	N	INITIAL	5		KR440	14808-79-8	Sulfate	43.9	43.9
KAFB-106073	GW073-202	5/6/2020	N	INITIAL	5		KR440	24959-67-9	Bromide	< 2.0	2
KAFB-106073	GW073-202	5/6/2020	N	INITIAL	50		KR440	16887-00-6	Chloride	32.9	32.9
KAFB-106073	GW073-202	5/2/2020	N	INITIAL	1		KR440	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106073	GW073-202	5/5/2020	N	INITIAL	1		KR440	ALK	Alkalinity, total (as CaCO3)	116	116
KAFB-106073	GW073-202	5/5/2020	N	INITIAL	1		KR440	ALK-B	Alkalinity, bicarbonate (as CaCO3)	116	116
KAFB-106073	GW073-202	5/5/2020	N	INITIAL	1		KR440	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106073	GW073-202	5/12/2020	T	INITIAL	1	SW3005A	KR440	7439-95-4	Magnesium	7.14	7.14
KAFB-106073	GW073-202	5/12/2020	T	INITIAL	1	SW3005A	KR440	7440-09-7	Potassium	2.75	2.75
KAFB-106073	GW073-202	5/12/2020	T	INITIAL	1	SW3005A	KR440	7440-23-5	Sodium	25.3	25.3
KAFB-106073	GW073-202	5/12/2020	T	INITIAL	1	SW3005A	KR440	7440-70-2	Calcium	53.2	53.2
KAFB-106073	GW073-202	5/8/2020	T	INITIAL	1	SW3020A	KR440	7439-92-1	Lead	0.000072	0.000072
KAFB-106073	GW073-202	5/18/2020	T	INITIAL	1	SW3020A	KR440	7440-38-2	Arsenic	0.00095	0.00095
KAFB-106073	GW073-202	5/6/2020	N	INITIAL	1	METHOD	KR440	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106073	GW073-202	5/5/2020	D	INITIAL	1	SW3005A	KR440	7439-89-6	Iron	< 0.103	0.103
KAFB-106073	GW073-202	5/5/2020	D	INITIAL	1	SW3005A	KR440	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106074	GW074-202	5/6/2020	N	INITIAL	5		KR440	14808-79-8	Sulfate	44.3	44.3
KAFB-106074	GW074-202	5/6/2020	N	INITIAL	5		KR440	16887-00-6	Chloride	13.2	13.2
KAFB-106074	GW074-202	5/6/2020	N	INITIAL	5		KR440	24959-67-9	Bromide	< 2.0	2
KAFB-106074	GW074-202	5/2/2020	N	INITIAL	1		KR440	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106074	GW074-202	5/5/2020	N	INITIAL	1		KR440	ALK	Alkalinity, total (as CaCO3)	102	102
KAFB-106074	GW074-202	5/5/2020	N	INITIAL	1		KR440	ALK-B	Alkalinity, bicarbonate (as CaCO3)	102	102
KAFB-106074	GW074-202	5/5/2020	N	INITIAL	1		KR440	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106074	GW074-202	5/12/2020	T	INITIAL	1	SW3005A	KR440	7439-95-4	Magnesium	5.27	5.27
KAFB-106074	GW074-202	5/12/2020	T	INITIAL	1	SW3005A	KR440	7440-09-7	Potassium	2.23	2.23
KAFB-106074	GW074-202	5/12/2020	T	INITIAL	1	SW3005A	KR440	7440-23-5	Sodium	23.5	23.5
KAFB-106074	GW074-202	5/12/2020	T	INITIAL	1	SW3005A	KR440	7440-70-2	Calcium	40.2	40.2
KAFB-106074	GW074-202	5/8/2020	T	INITIAL	1	SW3020A	KR440	7439-92-1	Lead	0.000072	0.000072
KAFB-106074	GW074-202	5/18/2020	T	INITIAL	1	SW3020A	KR440	7440-38-2	Arsenic	0.0014	0.0014
KAFB-106074	GW074-202	5/6/2020	N	INITIAL	1	METHOD	KR440	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106074	GW074-202	5/5/2020	D	INITIAL	1	SW3005A	KR440	7439-89-6	Iron	< 0.103	0.103
KAFB-106074	GW074-202	5/5/2020	D	INITIAL	1	SW3005A	KR440	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106003	GW003-202	5/7/2020	N	INITIAL	5		KR440	14808-79-8	Sulfate	49.2	49.2
KAFB-106003	GW003-202	5/7/2020	N	INITIAL	5		KR440	16887-00-6	Chloride	21.3	21.3
KAFB-106003	GW003-202	5/7/2020	N	INITIAL	5		KR440	24959-67-9	Bromide	< 2.0	2
KAFB-106003	GW003-202	5/2/2020	N	INITIAL	1		KR440	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106003	GW003-202	5/5/2020	N	INITIAL	1		KR440	ALK	Alkalinity, total (as CaCO3)	102	102
KAFB-106003	GW003-202	5/5/2020	N	INITIAL	1		KR440	ALK-B	Alkalinity, bicarbonate (as CaCO3)	102	102
KAFB-106003	GW003-202	5/5/2020	N	INITIAL	1		KR440	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106003	GW003-202	5/12/2020	T	INITIAL	1	SW3005A	KR440	7439-95-4	Magnesium	6.75	6.75

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106003	GW003-202	5/12/2020	T	INITIAL	1	SW3005A	KR440	7440-09-7	Potassium	2.56	2.56
KAFB-106003	GW003-202	5/12/2020	T	INITIAL	1	SW3005A	KR440	7440-23-5	Sodium	24.5	24.5
KAFB-106003	GW003-202	5/12/2020	T	INITIAL	1	SW3005A	KR440	7440-70-2	Calcium	46.4	46.4
KAFB-106003	GW003-202	5/8/2020	T	INITIAL	1	SW3020A	KR440	7439-92-1	Lead	0.00017	0.00017
KAFB-106003	GW003-202	5/18/2020	T	INITIAL	1	SW3020A	KR440	7440-38-2	Arsenic	0.0014	0.0014
KAFB-106003	GW003-202	5/6/2020	N	INITIAL	1	METHOD	KR440	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106003	GW003-202	5/6/2020	N	INITIAL	1	SW5030C	KR440	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106003	GW003-202	5/6/2020	N	INITIAL	1	SW5030C	KR440	108-88-3	Toluene	< 0.5	0.5
KAFB-106003	GW003-202	5/6/2020	N	INITIAL	1	SW5030C	KR440	1330-20-7	Xylenes, total	< 2	2
KAFB-106003	GW003-202	5/6/2020	N	INITIAL	1	SW5030C	KR440	71-43-2	Benzene	< 0.5	0.5
KAFB-106003	GW003-202	5/5/2020	D	INITIAL	1	SW3005A	KR440	7439-89-6	Iron	< 0.103	0.103
KAFB-106003	GW003-202	5/5/2020	D	INITIAL	1	SW3005A	KR440	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106003	GW003-602	5/7/2020	N	INITIAL	5		KR440	14808-79-8	Sulfate	49.0	49
KAFB-106003	GW003-602	5/7/2020	N	INITIAL	5		KR440	16887-00-6	Chloride	21.2	21.2
KAFB-106003	GW003-602	5/7/2020	N	INITIAL	5		KR440	24959-67-9	Bromide	< 2.0	2
KAFB-106003	GW003-602	5/2/2020	N	INITIAL	1		KR440	NNN	Nitrogen as nitrate + nitrite	0.96	0.96
KAFB-106003	GW003-602	5/5/2020	N	INITIAL	1		KR440	ALK	Alkalinity, total (as CaCO3)	102	102
KAFB-106003	GW003-602	5/5/2020	N	INITIAL	1		KR440	ALK-B	Alkalinity, bicarbonate (as CaCO3)	102	102
KAFB-106003	GW003-602	5/5/2020	N	INITIAL	1		KR440	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106003	GW003-602	5/12/2020	T	INITIAL	1	SW3005A	KR440	7439-95-4	Magnesium	6.70	6.7
KAFB-106003	GW003-602	5/12/2020	T	INITIAL	1	SW3005A	KR440	7440-09-7	Potassium	2.58	2.58
KAFB-106003	GW003-602	5/12/2020	T	INITIAL	1	SW3005A	KR440	7440-23-5	Sodium	24.2	24.2
KAFB-106003	GW003-602	5/12/2020	T	INITIAL	1	SW3005A	KR440	7440-70-2	Calcium	45.9	45.9
KAFB-106003	GW003-602	5/8/2020	T	INITIAL	1	SW3020A	KR440	7439-92-1	Lead	0.00014	0.00014
KAFB-106003	GW003-602	5/18/2020	T	INITIAL	1	SW3020A	KR440	7440-38-2	Arsenic	0.0014	0.0014
KAFB-106003	GW003-602	5/6/2020	N	INITIAL	1	METHOD	KR440	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106003	GW003-602	5/6/2020	N	INITIAL	1	SW5030C	KR440	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106003	GW003-602	5/6/2020	N	INITIAL	1	SW5030C	KR440	108-88-3	Toluene	< 0.5	0.5
KAFB-106003	GW003-602	5/6/2020	N	INITIAL	1	SW5030C	KR440	1330-20-7	Xylenes, total	< 2	2
KAFB-106003	GW003-602	5/6/2020	N	INITIAL	1	SW5030C	KR440	71-43-2	Benzene	< 0.5	0.5
KAFB-106003	GW003-602	5/5/2020	D	INITIAL	1	SW3005A	KR440	7439-89-6	Iron	< 0.103	0.103
KAFB-106003	GW003-602	5/5/2020	D	INITIAL	1	SW3005A	KR440	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106098	GW098-202	5/7/2020	N	INITIAL	5		KR441	14808-79-8	Sulfate	41.2	41.2
KAFB-106098	GW098-202	5/7/2020	N	INITIAL	5		KR441	16887-00-6	Chloride	16.5	16.5
KAFB-106098	GW098-202	5/7/2020	N	INITIAL	5		KR441	24959-67-9	Bromide	< 2.0	2
KAFB-106098	GW098-202	5/5/2020	N	INITIAL	1		KR441	NNN	Nitrogen as nitrate + nitrite	0.59	0.59
KAFB-106098	GW098-202	5/5/2020	N	INITIAL	1		KR441	ALK	Alkalinity, total (as CaCO3)	102	102
KAFB-106098	GW098-202	5/5/2020	N	INITIAL	1		KR441	ALK-B	Alkalinity, bicarbonate (as CaCO3)	102	102
KAFB-106098	GW098-202	5/5/2020	N	INITIAL	1		KR441	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106098	GW098-202	5/5/2020	T	INITIAL	1	SW3005A	KR441	7439-95-4	Magnesium	6.20	6.2
KAFB-106098	GW098-202	5/5/2020	T	INITIAL	1	SW3005A	KR441	7440-09-7	Potassium	2.39	2.39
KAFB-106098	GW098-202	5/5/2020	T	INITIAL	1	SW3005A	KR441	7440-23-5	Sodium	22.5	22.5
KAFB-106098	GW098-202	5/5/2020	T	INITIAL	1	SW3005A	KR441	7440-70-2	Calcium	42.5	42.5
KAFB-106098	GW098-202	5/14/2020	T	INITIAL	1	SW3020A	KR441	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106098	GW098-202	5/14/2020	T	INITIAL	1	SW3020A	KR441	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106098	GW098-202	5/6/2020	N	INITIAL	1	METHOD	KR441	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106098	GW098-202	5/7/2020	N	INITIAL	1	SW5030C	KR441	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106098	GW098-202	5/7/2020	N	INITIAL	1	SW5030C	KR441	108-88-3	Toluene	< 0.5	0.5
KAFB-106098	GW098-202	5/7/2020	N	INITIAL	1	SW5030C	KR441	1330-20-7	Xylenes, total	< 2	2
KAFB-106098	GW098-202	5/7/2020	N	INITIAL	1	SW5030C	KR441	71-43-2	Benzene	< 0.5	0.5
KAFB-106098	GW098-202	5/6/2020	D	INITIAL	1	SW3005A	KR441	7439-89-6	Iron	< 0.103	0.103
KAFB-106098	GW098-202	5/6/2020	D	INITIAL	1	SW3005A	KR441	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106013	GW013-202	5/7/2020	N	INITIAL	5		KR441	14808-79-8	Sulfate	35.5	35.5
KAFB-106013	GW013-202	5/7/2020	N	INITIAL	5		KR441	16887-00-6	Chloride	19.0	19
KAFB-106013	GW013-202	5/7/2020	N	INITIAL	5		KR441	24959-67-9	Bromide	< 2.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106013	GW013-202	5/5/2020	N	INITIAL	1		KR441	NNN	Nitrogen as nitrate + nitrite	0.70	0.7
KAFB-106013	GW013-202	5/5/2020	N	INITIAL	1		KR441	ALK	Alkalinity, total (as CaCO3)	105	105
KAFB-106013	GW013-202	5/5/2020	N	INITIAL	1		KR441	ALK-B	Alkalinity, bicarbonate (as CaCO3)	105	105
KAFB-106013	GW013-202	5/5/2020	N	INITIAL	1		KR441	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106013	GW013-202	5/5/2020	T	INITIAL	1	SW3005A	KR441	7439-95-4	Magnesium	6.33	6.33
KAFB-106013	GW013-202	5/5/2020	T	INITIAL	1	SW3005A	KR441	7440-09-7	Potassium	2.34	2.34
KAFB-106013	GW013-202	5/5/2020	T	INITIAL	1	SW3005A	KR441	7440-23-5	Sodium	22.1	22.1
KAFB-106013	GW013-202	5/5/2020	T	INITIAL	1	SW3005A	KR441	7440-70-2	Calcium	42.4	42.4
KAFB-106013	GW013-202	5/14/2020	T	INITIAL	1	SW3020A	KR441	7439-92-1	Lead	0.00039	0.00039
KAFB-106013	GW013-202	5/14/2020	T	INITIAL	1	SW3020A	KR441	7440-38-2	Arsenic	0.0013	0.0013
KAFB-106013	GW013-202	5/6/2020	N	INITIAL	1	METHOD	KR441	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106013	GW013-202	5/7/2020	N	INITIAL	1	SW5030C	KR441	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106013	GW013-202	5/7/2020	N	INITIAL	1	SW5030C	KR441	108-88-3	Toluene	< 0.5	0.5
KAFB-106013	GW013-202	5/7/2020	N	INITIAL	1	SW5030C	KR441	1330-20-7	Xylenes, total	< 2	2
KAFB-106013	GW013-202	5/7/2020	N	INITIAL	1	SW5030C	KR441	71-43-2	Benzene	< 0.5	0.5
KAFB-106013	GW013-202	5/6/2020	D	INITIAL	1	SW3005A	KR441	7439-89-6	Iron	< 0.103	0.103
KAFB-106013	GW013-202	5/6/2020	D	INITIAL	1	SW3005A	KR441	7439-96-5	Manganese	0.0046	0.0046
KAFB-106097	GW097-202	5/7/2020	N	INITIAL	5		KR441	14808-79-8	Sulfate	49.0	49
KAFB-106097	GW097-202	5/7/2020	N	INITIAL	5		KR441	16887-00-6	Chloride	22.0	22
KAFB-106097	GW097-202	5/7/2020	N	INITIAL	5		KR441	24959-67-9	Bromide	< 2.0	2
KAFB-106097	GW097-202	5/5/2020	N	INITIAL	1		KR441	NNN	Nitrogen as nitrate + nitrite	0.86	0.86
KAFB-106097	GW097-202	5/5/2020	N	INITIAL	1		KR441	ALK	Alkalinity, total (as CaCO3)	106	106
KAFB-106097	GW097-202	5/5/2020	N	INITIAL	1		KR441	ALK-B	Alkalinity, bicarbonate (as CaCO3)	106	106
KAFB-106097	GW097-202	5/5/2020	N	INITIAL	1		KR441	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106097	GW097-202	5/13/2020	T	INITIAL	1	SW3005A	KR441	7439-95-4	Magnesium	6.66	6.66
KAFB-106097	GW097-202	5/13/2020	T	INITIAL	1	SW3005A	KR441	7440-23-5	Sodium	24.9	24.9
KAFB-106097	GW097-202	5/13/2020	T	INITIAL	1	SW3005A	KR441	7440-70-2	Calcium	49.0	49
KAFB-106097	GW097-202	5/13/2020	T	INITIAL	1	SW3005A	KR441	7440-09-7	Potassium	2.77	2.77
KAFB-106097	GW097-202	5/14/2020	T	INITIAL	1	SW3020A	KR441	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106097	GW097-202	5/14/2020	T	INITIAL	1	SW3020A	KR441	7440-38-2	Arsenic	0.00098	0.00098
KAFB-106097	GW097-202	5/6/2020	N	INITIAL	1	METHOD	KR441	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106097	GW097-202	5/7/2020	N	INITIAL	1	SW5030C	KR441	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106097	GW097-202	5/7/2020	N	INITIAL	1	SW5030C	KR441	108-88-3	Toluene	< 0.5	0.5
KAFB-106097	GW097-202	5/7/2020	N	INITIAL	1	SW5030C	KR441	1330-20-7	Xylenes, total	< 2	2
KAFB-106097	GW097-202	5/7/2020	N	INITIAL	1	SW5030C	KR441	71-43-2	Benzene	< 0.5	0.5
KAFB-106097	GW097-202	5/5/2020	D	INITIAL	1	SW3005A	KR441	7439-89-6	Iron	< 0.103	0.103
KAFB-106097	GW097-202	5/5/2020	D	INITIAL	1	SW3005A	KR441	7439-96-5	Manganese	0.0032	0.0032
KAFB-106101	GW101-202	5/7/2020	N	INITIAL	5		KR442	14808-79-8	Sulfate	39.6	39.6
KAFB-106101	GW101-202	5/7/2020	N	INITIAL	5		KR442	16887-00-6	Chloride	16.7	16.7
KAFB-106101	GW101-202	5/7/2020	N	INITIAL	5		KR442	24959-67-9	Bromide	< 2.0	2
KAFB-106101	GW101-202	5/10/2020	N	INITIAL	1		KR442	NNN	Nitrogen as nitrate + nitrite	0.82	0.82
KAFB-106101	GW101-202	5/7/2020	N	INITIAL	1		KR442	ALK	Alkalinity, total (as CaCO3)	104	104
KAFB-106101	GW101-202	5/7/2020	N	INITIAL	1		KR442	ALK-B	Alkalinity, bicarbonate (as CaCO3)	104	104
KAFB-106101	GW101-202	5/7/2020	N	INITIAL	1		KR442	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106101	GW101-202	5/13/2020	T	INITIAL	1	SW3005A	KR442	7439-95-4	Magnesium	6.11	6.11
KAFB-106101	GW101-202	5/13/2020	T	INITIAL	1	SW3005A	KR442	7440-23-5	Sodium	22.3	22.3
KAFB-106101	GW101-202	5/13/2020	T	INITIAL	1	SW3005A	KR442	7440-70-2	Calcium	41.5	41.5
KAFB-106101	GW101-202	5/13/2020	T	INITIAL	1	SW3005A	KR442	7440-09-7	Potassium	2.56	2.56
KAFB-106101	GW101-202	5/14/2020	T	INITIAL	1	SW3020A	KR442	7439-92-1	Lead	0.00016	0.00016
KAFB-106101	GW101-202	5/14/2020	T	INITIAL	1	SW3020A	KR442	7440-38-2	Arsenic	0.0013	0.0013
KAFB-106101	GW101-202	5/11/2020	N	INITIAL	1	METHOD	KR442	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106101	GW101-202	5/13/2020	N	INITIAL	1	SW5030C	KR442	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106101	GW101-202	5/13/2020	N	INITIAL	1	SW5030C	KR442	108-88-3	Toluene	< 0.5	0.5
KAFB-106101	GW101-202	5/13/2020	N	INITIAL	1	SW5030C	KR442	1330-20-7	Xylenes, total	< 2	2
KAFB-106101	GW101-202	5/13/2020	N	INITIAL	1	SW5030C	KR442	71-43-2	Benzene	< 0.5	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106101	GW101-202	5/7/2020	D	INITIAL	1	SW3005A	KR442	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106101	GW101-202	5/8/2020	D	INITIAL	1	SW3005A	KR442	7439-89-6	Iron	< 0.103	0.103
KAFB-106102	GW102-202	5/7/2020	N	INITIAL	5		KR442	14808-79-8	Sulfate	28.0	28
KAFB-106102	GW102-202	5/7/2020	N	INITIAL	5		KR442	16887-00-6	Chloride	7.6	7.6
KAFB-106102	GW102-202	5/7/2020	N	INITIAL	5		KR442	24959-67-9	Bromide	< 2.0	2
KAFB-106102	GW102-202	5/10/2020	N	INITIAL	1		KR442	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106102	GW102-202	5/7/2020	N	INITIAL	1		KR442	ALK	Alkalinity, total (as CaCO3)	99.9	99.9
KAFB-106102	GW102-202	5/7/2020	N	INITIAL	1		KR442	ALK-B	Alkalinity, bicarbonate (as CaCO3)	99.9	99.9
KAFB-106102	GW102-202	5/7/2020	N	INITIAL	1		KR442	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106102	GW102-202	5/13/2020	T	INITIAL	1	SW3005A	KR442	7439-95-4	Magnesium	4.66	4.66
KAFB-106102	GW102-202	5/13/2020	T	INITIAL	1	SW3005A	KR442	7440-23-5	Sodium	19.2	19.2
KAFB-106102	GW102-202	5/13/2020	T	INITIAL	1	SW3005A	KR442	7440-70-2	Calcium	32.7	32.7
KAFB-106102	GW102-202	5/13/2020	T	INITIAL	1	SW3005A	KR442	7440-09-7	Potassium	2.16	2.16
KAFB-106102	GW102-202	5/14/2020	T	INITIAL	1	SW3020A	KR442	7439-92-1	Lead	0.00010	0.0001
KAFB-106102	GW102-202	5/14/2020	T	INITIAL	1	SW3020A	KR442	7440-38-2	Arsenic	0.0014	0.0014
KAFB-106102	GW102-202	5/11/2020	N	INITIAL	1	METHOD	KR442	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106102	GW102-202	5/13/2020	N	INITIAL	1	SW5030C	KR442	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106102	GW102-202	5/13/2020	N	INITIAL	1	SW5030C	KR442	108-88-3	Toluene	< 0.5	0.5
KAFB-106102	GW102-202	5/13/2020	N	INITIAL	1	SW5030C	KR442	1330-20-7	Xylenes, total	< 2	2
KAFB-106102	GW102-202	5/13/2020	N	INITIAL	1	SW5030C	KR442	71-43-2	Benzene	< 0.5	0.5
KAFB-106102	GW102-202	5/7/2020	D	INITIAL	1	SW3005A	KR442	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106102	GW102-202	5/8/2020	D	INITIAL	1	SW3005A	KR442	7439-89-6	Iron	< 0.103	0.103
KAFB-106100	GW100-202	5/9/2020	N	INITIAL	5		KR443	14808-79-8	Sulfate	27.3	27.3
KAFB-106100	GW100-202	5/9/2020	N	INITIAL	5		KR443	16887-00-6	Chloride	7.8	7.8
KAFB-106100	GW100-202	5/9/2020	N	INITIAL	5		KR443	24959-67-9	Bromide	< 2.0	2
KAFB-106100	GW100-202	5/17/2020	N	INITIAL	1		KR443	NNN	Nitrogen as nitrate + nitrite	0.055	0.055
KAFB-106100	GW100-202	5/8/2020	N	INITIAL	1		KR443	ALK	Alkalinity, total (as CaCO3)	102	102
KAFB-106100	GW100-202	5/8/2020	N	INITIAL	1		KR443	ALK-B	Alkalinity, bicarbonate (as CaCO3)	102	102
KAFB-106100	GW100-202	5/8/2020	N	INITIAL	1		KR443	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106100	GW100-202	5/13/2020	T	INITIAL	1	SW3005A	KR443	7439-95-4	Magnesium	4.93	4.93
KAFB-106100	GW100-202	5/13/2020	T	INITIAL	1	SW3005A	KR443	7440-23-5	Sodium	20.1	20.1
KAFB-106100	GW100-202	5/13/2020	T	INITIAL	1	SW3005A	KR443	7440-70-2	Calcium	32.9	32.9
KAFB-106100	GW100-202	5/13/2020	T	INITIAL	1	SW3005A	KR443	7440-09-7	Potassium	< 0.375	0.375
KAFB-106100	GW100-202	5/9/2020	T	INITIAL	1	SW3020A	KR443	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106100	GW100-202	5/9/2020	T	INITIAL	1	SW3020A	KR443	7440-38-2	Arsenic	0.0013	0.0013
KAFB-106100	GW100-202	5/12/2020	N	INITIAL	1	METHOD	KR443	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106100	GW100-202	5/14/2020	N	INITIAL	1	SW5030C	KR443	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106100	GW100-202	5/14/2020	N	INITIAL	1	SW5030C	KR443	108-88-3	Toluene	< 0.5	0.5
KAFB-106100	GW100-202	5/14/2020	N	INITIAL	1	SW5030C	KR443	1330-20-7	Xylenes, total	< 2	2
KAFB-106100	GW100-202	5/14/2020	N	INITIAL	1	SW5030C	KR443	71-43-2	Benzene	< 0.5	0.5
KAFB-106100	GW100-202	5/7/2020	D	INITIAL	1	SW3005A	KR443	7439-89-6	Iron	< 0.103	0.103
KAFB-106100	GW100-202	5/7/2020	D	INITIAL	1	SW3005A	KR443	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106099	GW099-202	5/9/2020	N	INITIAL	5		KR443	14808-79-8	Sulfate	31.4	31.4
KAFB-106099	GW099-202	5/9/2020	N	INITIAL	5		KR443	16887-00-6	Chloride	11.5	11.5
KAFB-106099	GW099-202	5/9/2020	N	INITIAL	5		KR443	24959-67-9	Bromide	< 2.0	2
KAFB-106099	GW099-202	5/17/2020	N	INITIAL	1		KR443	NNN	Nitrogen as nitrate + nitrite	0.56	0.56
KAFB-106099	GW099-202	5/8/2020	N	INITIAL	1		KR443	ALK	Alkalinity, total (as CaCO3)	102	102
KAFB-106099	GW099-202	5/8/2020	N	INITIAL	1		KR443	ALK-B	Alkalinity, bicarbonate (as CaCO3)	102	102
KAFB-106099	GW099-202	5/8/2020	N	INITIAL	1		KR443	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106099	GW099-202	5/13/2020	T	INITIAL	1	SW3005A	KR443	7439-95-4	Magnesium	5.51	5.51
KAFB-106099	GW099-202	5/13/2020	T	INITIAL	1	SW3005A	KR443	7440-23-5	Sodium	21.2	21.2
KAFB-106099	GW099-202	5/13/2020	T	INITIAL	1	SW3005A	KR443	7440-70-2	Calcium	36.8	36.8
KAFB-106099	GW099-202	5/13/2020	T	INITIAL	1	SW3005A	KR443	7440-09-7	Potassium	2.43	2.43
KAFB-106099	GW099-202	5/9/2020	T	INITIAL	1	SW3020A	KR443	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106099	GW099-202	5/9/2020	T	INITIAL	1	SW3020A	KR443	7440-38-2	Arsenic	0.00099	0.00099

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106099	GW099-202	5/12/2020	N	INITIAL	1	METHOD	KR443	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106099	GW099-202	5/14/2020	N	INITIAL	1	SW5030C	KR443	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106099	GW099-202	5/14/2020	N	INITIAL	1	SW5030C	KR443	108-88-3	Toluene	< 0.5	0.5
KAFB-106099	GW099-202	5/14/2020	N	INITIAL	1	SW5030C	KR443	1330-20-7	Xylenes, total	< 2	2
KAFB-106099	GW099-202	5/14/2020	N	INITIAL	1	SW5030C	KR443	71-43-2	Benzene	< 0.5	0.5
KAFB-106099	GW099-202	5/7/2020	D	INITIAL	1	SW3005A	KR443	7439-89-6	Iron	< 0.103	0.103
KAFB-106099	GW099-202	5/7/2020	D	INITIAL	1	SW3005A	KR443	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106004	GW004-202	5/9/2020	N	INITIAL	5		KR443	14808-79-8	Sulfate	33.5	33.5
KAFB-106004	GW004-202	5/9/2020	N	INITIAL	5		KR443	16887-00-6	Chloride	13.2	13.2
KAFB-106004	GW004-202	5/9/2020	N	INITIAL	5		KR443	24959-67-9	Bromide	< 2.0	2
KAFB-106004	GW004-202	5/17/2020	N	INITIAL	1		KR443	NNN	Nitrogen as nitrate + nitrite	0.56	0.56
KAFB-106004	GW004-202	5/8/2020	N	INITIAL	1		KR443	ALK	Alkalinity, total (as CaCO3)	102	102
KAFB-106004	GW004-202	5/8/2020	N	INITIAL	1		KR443	ALK-B	Alkalinity, bicarbonate (as CaCO3)	102	102
KAFB-106004	GW004-202	5/8/2020	N	INITIAL	1		KR443	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106004	GW004-202	5/13/2020	T	INITIAL	1	SW3005A	KR443	7439-95-4	Magnesium	5.57	5.57
KAFB-106004	GW004-202	5/13/2020	T	INITIAL	1	SW3005A	KR443	7440-23-5	Sodium	20.8	20.8
KAFB-106004	GW004-202	5/13/2020	T	INITIAL	1	SW3005A	KR443	7440-70-2	Calcium	37.2	37.2
KAFB-106004	GW004-202	5/13/2020	T	INITIAL	1	SW3005A	KR443	7440-09-7	Potassium	2.41	2.41
KAFB-106004	GW004-202	5/9/2020	T	INITIAL	1	SW3020A	KR443	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106004	GW004-202	5/9/2020	T	INITIAL	1	SW3020A	KR443	7440-38-2	Arsenic	0.0014	0.0014
KAFB-106004	GW004-202	5/12/2020	N	INITIAL	1	METHOD	KR443	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106004	GW004-202	5/14/2020	N	INITIAL	1	SW5030C	KR443	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106004	GW004-202	5/14/2020	N	INITIAL	1	SW5030C	KR443	108-88-3	Toluene	< 0.5	0.5
KAFB-106004	GW004-202	5/14/2020	N	INITIAL	1	SW5030C	KR443	1330-20-7	Xylenes, total	< 2	2
KAFB-106004	GW004-202	5/14/2020	N	INITIAL	1	SW5030C	KR443	71-43-2	Benzene	< 0.5	0.5
KAFB-106004	GW004-202	5/7/2020	D	INITIAL	1	SW3005A	KR443	7439-89-6	Iron	< 0.103	0.103
KAFB-106004	GW004-202	5/7/2020	D	INITIAL	1	SW3005A	KR443	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106059	GW059-202	5/10/2020	N	INITIAL	5		KR444	14808-79-8	Sulfate	6.0	6
KAFB-106059	GW059-202	5/10/2020	N	INITIAL	5		KR444	16887-00-6	Chloride	17.6	17.6
KAFB-106059	GW059-202	5/10/2020	N	INITIAL	5		KR444	24959-67-9	Bromide	< 2.0	2
KAFB-106059	GW059-202	5/17/2020	N	INITIAL	1		KR444	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106059	GW059-202	5/9/2020	N	INITIAL	1		KR444	ALK	Alkalinity, total (as CaCO3)	230	230
KAFB-106059	GW059-202	5/9/2020	N	INITIAL	1		KR444	ALK-B	Alkalinity, bicarbonate (as CaCO3)	230	230
KAFB-106059	GW059-202	5/9/2020	N	INITIAL	1		KR444	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106059	GW059-202	5/11/2020	T	INITIAL	1	SW3005A	KR444	7439-95-4	Magnesium	11.5	11.5
KAFB-106059	GW059-202	5/11/2020	T	INITIAL	1	SW3005A	KR444	7440-09-7	Potassium	2.71	2.71
KAFB-106059	GW059-202	5/11/2020	T	INITIAL	1	SW3005A	KR444	7440-23-5	Sodium	27.0	27
KAFB-106059	GW059-202	5/11/2020	T	INITIAL	1	SW3005A	KR444	7440-70-2	Calcium	69.3	69.3
KAFB-106059	GW059-202	5/14/2020	T	INITIAL	1	SW3020A	KR444	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106059	GW059-202	5/14/2020	T	INITIAL	1	SW3020A	KR444	7440-38-2	Arsenic	0.00097	0.00097
KAFB-106059	GW059-202	5/12/2020	N	INITIAL	1	METHOD	KR444	106-93-4	1,2-Dibromoethane	0.030	0.03
KAFB-106059	GW059-202	5/14/2020	N	INITIAL	25	SW5030C	KR444	100-41-4	Ethylbenzene	580	580
KAFB-106059	GW059-202	5/14/2020	N	INITIAL	25	SW5030C	KR444	108-88-3	Toluene	1600	1600
KAFB-106059	GW059-202	5/14/2020	N	INITIAL	25	SW5030C	KR444	1330-20-7	Xylenes, total	1800	1800
KAFB-106059	GW059-202	5/14/2020	N	INITIAL	25	SW5030C	KR444	71-43-2	Benzene	2300	2300
KAFB-106059	GW059-202	5/10/2020	D	INITIAL	1	SW3005A	KR444	7439-89-6	Iron	< 0.103	0.103
KAFB-106059	GW059-202	5/10/2020	D	INITIAL	1	SW3005A	KR444	7439-96-5	Manganese	2.20	2.2
KAFB-106096	GW096-202	5/17/2020	N	INITIAL	5		KR445	14808-79-8	Sulfate	28.1	28.1
KAFB-106096	GW096-202	5/17/2020	N	INITIAL	5		KR445	16887-00-6	Chloride	7.6	7.6
KAFB-106096	GW096-202	5/17/2020	N	INITIAL	5		KR445	24959-67-9	Bromide	< 2.0	2
KAFB-106096	GW096-202	5/17/2020	N	INITIAL	1		KR445	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106096	GW096-202	5/13/2020	N	INITIAL	1		KR445	ALK	Alkalinity, total (as CaCO3)	105	105
KAFB-106096	GW096-202	5/13/2020	N	INITIAL	1		KR445	ALK-B	Alkalinity, bicarbonate (as CaCO3)	105	105
KAFB-106096	GW096-202	5/13/2020	N	INITIAL	1		KR445	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106096	GW096-202	5/14/2020	T	INITIAL	1	SW3005A	KR445	7439-95-4	Magnesium	4.46	4.46

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106096	GW096-202	5/14/2020	T	INITIAL	1	SW3005A	KR445	7440-09-7	Potassium	2.05	2.05
KAFB-106096	GW096-202	5/14/2020	T	INITIAL	1	SW3005A	KR445	7440-23-5	Sodium	21.5	21.5
KAFB-106096	GW096-202	5/14/2020	T	INITIAL	1	SW3005A	KR445	7440-70-2	Calcium	31.4	31.4
KAFB-106096	GW096-202	5/18/2020	T	INITIAL	1	SW3020A	KR445	7440-38-2	Arsenic	0.0015	0.0015
KAFB-106096	GW096-202	5/19/2020	T	INITIAL	1	SW3020A	KR445	7439-92-1	Lead	0.00024	0.00024
KAFB-106096	GW096-202	5/16/2020	N	INITIAL	1	METHOD	KR445	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106096	GW096-202	5/13/2020	D	INITIAL	1	SW3005A	KR445	7439-89-6	Iron	< 0.103	0.103
KAFB-106096	GW096-202	5/13/2020	D	INITIAL	1	SW3005A	KR445	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106096	GW096-602	5/17/2020	N	INITIAL	5		KR445	14808-79-8	Sulfate	27.3	27.3
KAFB-106096	GW096-602	5/17/2020	N	INITIAL	5		KR445	16887-00-6	Chloride	7.0	7
KAFB-106096	GW096-602	5/17/2020	N	INITIAL	5		KR445	24959-67-9	Bromide	< 2.0	2
KAFB-106096	GW096-602	5/17/2020	N	INITIAL	1		KR445	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106096	GW096-602	5/13/2020	N	INITIAL	1		KR445	ALK	Alkalinity, total (as CaCO3)	104	104
KAFB-106096	GW096-602	5/13/2020	N	INITIAL	1		KR445	ALK-B	Alkalinity, bicarbonate (as CaCO3)	104	104
KAFB-106096	GW096-602	5/13/2020	N	INITIAL	1		KR445	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106096	GW096-602	5/14/2020	T	INITIAL	1	SW3005A	KR445	7439-95-4	Magnesium	4.42	4.42
KAFB-106096	GW096-602	5/14/2020	T	INITIAL	1	SW3005A	KR445	7440-09-7	Potassium	1.91	1.91
KAFB-106096	GW096-602	5/14/2020	T	INITIAL	1	SW3005A	KR445	7440-23-5	Sodium	21.2	21.2
KAFB-106096	GW096-602	5/14/2020	T	INITIAL	1	SW3005A	KR445	7440-70-2	Calcium	30.7	30.7
KAFB-106096	GW096-602	5/18/2020	T	INITIAL	1	SW3020A	KR445	7440-38-2	Arsenic	0.0016	0.0016
KAFB-106096	GW096-602	5/19/2020	T	INITIAL	1	SW3020A	KR445	7439-92-1	Lead	0.00022	0.00022
KAFB-106096	GW096-602	5/20/2020	N	INITIAL	1	METHOD	KR445	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106096	GW096-602	5/13/2020	D	INITIAL	1	SW3005A	KR445	7439-89-6	Iron	< 0.103	0.103
KAFB-106096	GW096-602	5/13/2020	D	INITIAL	1	SW3005A	KR445	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106018	GW018-202	5/16/2020	N	INITIAL	5		KR445	14808-79-8	Sulfate	42.5	42.5
KAFB-106018	GW018-202	5/16/2020	N	INITIAL	5		KR445	24959-67-9	Bromide	< 2.0	2
KAFB-106018	GW018-202	5/19/2020	N	INITIAL	10		KR445	16887-00-6	Chloride	37.4	37.4
KAFB-106018	GW018-202	5/17/2020	N	INITIAL	1		KR445	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106018	GW018-202	5/13/2020	N	INITIAL	1		KR445	ALK	Alkalinity, total (as CaCO3)	113	113
KAFB-106018	GW018-202	5/13/2020	N	INITIAL	1		KR445	ALK-B	Alkalinity, bicarbonate (as CaCO3)	113	113
KAFB-106018	GW018-202	5/13/2020	N	INITIAL	1		KR445	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106018	GW018-202	5/14/2020	T	INITIAL	1	SW3005A	KR445	7439-95-4	Magnesium	7.74	7.74
KAFB-106018	GW018-202	5/14/2020	T	INITIAL	1	SW3005A	KR445	7440-09-7	Potassium	2.67	2.67
KAFB-106018	GW018-202	5/14/2020	T	INITIAL	1	SW3005A	KR445	7440-23-5	Sodium	24.9	24.9
KAFB-106018	GW018-202	5/14/2020	T	INITIAL	1	SW3005A	KR445	7440-70-2	Calcium	50.5	50.5
KAFB-106018	GW018-202	5/18/2020	T	INITIAL	1	SW3020A	KR445	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106018	GW018-202	5/19/2020	T	INITIAL	1	SW3020A	KR445	7439-92-1	Lead	0.00011	0.00011
KAFB-106018	GW018-202	5/15/2020	N	INITIAL	1	METHOD	KR445	106-93-4	1,2-Dibromoethane	0.017	0.017
KAFB-106018	GW018-202	5/20/2020	N	INITIAL	1	SW5030C	KR445	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106018	GW018-202	5/20/2020	N	INITIAL	1	SW5030C	KR445	108-88-3	Toluene	< 0.5	0.5
KAFB-106018	GW018-202	5/20/2020	N	INITIAL	1	SW5030C	KR445	1330-20-7	Xylenes, total	< 2	2
KAFB-106018	GW018-202	5/20/2020	N	INITIAL	1	SW5030C	KR445	71-43-2	Benzene	< 0.5	0.5
KAFB-106018	GW018-202	5/20/2020	N	INITIAL	1	SW5030C	KR445	91-20-3	Naphthalene	< 2	2
KAFB-106018	GW018-202	5/13/2020	D	INITIAL	1	SW3005A	KR445	7439-89-6	Iron	< 0.103	0.103
KAFB-106018	GW018-202	5/13/2020	D	INITIAL	1	SW3005A	KR445	7439-96-5	Manganese	0.561	0.561
KAFB-106064	GW064-202	5/30/2020	N	INITIAL	5		KR447	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106064	GW064-202	5/30/2020	N	INITIAL	5		KR447	24959-67-9	Bromide	2.9	2.9
KAFB-106064	GW064-202	5/30/2020	N	INITIAL	10		KR447	16887-00-6	Chloride	47	47
KAFB-106064	GW064-202	5/26/2020	N	INITIAL	1		KR447	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106064	GW064-202	5/22/2020	N	INITIAL	1		KR447	ALK	Alkalinity, total (as CaCO3)	591	591
KAFB-106064	GW064-202	5/22/2020	N	INITIAL	1		KR447	ALK-B	Alkalinity, bicarbonate (as CaCO3)	591	591
KAFB-106064	GW064-202	5/22/2020	N	INITIAL	1		KR447	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106064	GW064-202	5/22/2020	T	INITIAL	1	SW3005A	KR447	7440-09-7	Potassium	4.51	4.51
KAFB-106064	GW064-202	5/22/2020	T	INITIAL	1	SW3005A	KR447	7440-23-5	Sodium	88.6	88.6
KAFB-106064	GW064-202	5/22/2020	T	INITIAL	1	SW3005A	KR447	7440-70-2	Calcium	150	150

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106064	GW064-202	5/22/2020	T	INITIAL	1	SW3005A	KR447	7439-95-4	Magnesium	25	25
KAFB-106064	GW064-202	5/22/2020	T	INITIAL	1	SW3020A	KR447	7439-92-1	Lead	0.00055	0.00055
KAFB-106064	GW064-202	5/22/2020	T	INITIAL	1	SW3020A	KR447	7440-38-2	Arsenic	0.0028	0.0028
KAFB-106064	GW064-202	5/27/2020	N	INITIAL2	1	METHOD	KR447	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106064	GW064-202	5/30/2020	N	INITIAL	5	SW5030C	KR447	108-88-3	Toluene	380	380
KAFB-106064	GW064-202	5/30/2020	N	DILUTION1	50	SW5030C	KR447	100-41-4	Ethylbenzene	1500	1500
KAFB-106064	GW064-202	5/30/2020	N	DILUTION1	50	SW5030C	KR447	1330-20-7	Xylenes, total	4700	4700
KAFB-106064	GW064-202	5/30/2020	N	DILUTION1	50	SW5030C	KR447	71-43-2	Benzene	3600	3600
KAFB-106064	GW064-202	5/28/2020	D	INITIAL	1	SW3005A	KR447	7439-89-6	Iron	8.26	8.26
KAFB-106064	GW064-202	5/28/2020	D	INITIAL	1	SW3005A	KR447	7439-96-5	Manganese	7.94	7.94
KAFB-106063	GW063-202	5/30/2020	N	INITIAL	5		KR447	14808-79-8	Sulfate	4	4
KAFB-106063	GW063-202	5/30/2020	N	INITIAL	5		KR447	24959-67-9	Bromide	3.2	3.2
KAFB-106063	GW063-202	5/30/2020	N	INITIAL	50		KR447	16887-00-6	Chloride	54.6	54.6
KAFB-106063	GW063-202	5/26/2020	N	INITIAL	1		KR447	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106063	GW063-202	5/22/2020	N	INITIAL	1		KR447	ALK	Alkalinity, total (as CaCO3)	491	491
KAFB-106063	GW063-202	5/22/2020	N	INITIAL	1		KR447	ALK-B	Alkalinity, bicarbonate (as CaCO3)	491	491
KAFB-106063	GW063-202	5/22/2020	N	INITIAL	1		KR447	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106063	GW063-202	5/22/2020	T	INITIAL	1	SW3005A	KR447	7440-09-7	Potassium	3.81	3.81
KAFB-106063	GW063-202	5/22/2020	T	INITIAL	1	SW3005A	KR447	7440-23-5	Sodium	42.8	42.8
KAFB-106063	GW063-202	5/22/2020	T	INITIAL	1	SW3005A	KR447	7440-70-2	Calcium	154	154
KAFB-106063	GW063-202	5/22/2020	T	INITIAL	1	SW3005A	KR447	7439-95-4	Magnesium	25.4	25.4
KAFB-106063	GW063-202	5/22/2020	T	INITIAL	1	SW3020A	KR447	7439-92-1	Lead	0.00016	0.00016
KAFB-106063	GW063-202	5/22/2020	T	INITIAL	1	SW3020A	KR447	7440-38-2	Arsenic	0.0034	0.0034
KAFB-106063	GW063-202	5/27/2020	N	INITIAL2	1	METHOD	KR447	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106063	GW063-202	5/30/2020	N	INITIAL	10	SW5030C	KR447	100-41-4	Ethylbenzene	1700	1700
KAFB-106063	GW063-202	5/30/2020	N	INITIAL	10	SW5030C	KR447	1330-20-7	Xylenes, total	5100	5100
KAFB-106063	GW063-202	5/30/2020	N	DILUTION1	100	SW5030C	KR447	108-88-3	Toluene	18000	18000
KAFB-106063	GW063-202	5/30/2020	N	DILUTION1	100	SW5030C	KR447	71-43-2	Benzene	5700	5700
KAFB-106063	GW063-202	5/28/2020	D	INITIAL	1	SW3005A	KR447	7439-89-6	Iron	7.06	7.06
KAFB-106063	GW063-202	5/28/2020	D	INITIAL	1	SW3005A	KR447	7439-96-5	Manganese	6.81	6.81
KAFB-106236-436	GW236-436-203	7/11/2020	N	INITIAL	1	METHOD	410-6718-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106236-470	GW236-470-203	7/11/2020	N	INITIAL	1	METHOD	410-6718-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106236-499	GW236-499-203	7/11/2020	N	INITIAL	1	METHOD	410-6718-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106235-438	GW235-438-203	7/11/2020	N	INITIAL	1	METHOD	410-6718-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106235-438	GW235-438-603	7/11/2020	N	INITIAL	1	METHOD	410-6718-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106235-472	GW235-472-203	7/11/2020	N	INITIAL	1	METHOD	410-6718-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106235-501	GW235-501-203	7/11/2020	N	INITIAL	1	METHOD	410-6718-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106206	GW206-203	7/11/2020	N	INITIAL	1	METHOD	410-6955-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106205	GW205-203	7/11/2020	N	INITIAL	1	METHOD	410-6955-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106204	GW204-203	7/11/2020	N	INITIAL	1	METHOD	410-6955-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106216	GW216-203	7/13/2020	N	INITIAL	1	METHOD	410-6955-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106216	GW216-603	7/13/2020	N	INITIAL	1	METHOD	410-6955-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106217	GW217-203	7/14/2020	N	INITIAL	1	METHOD	410-6955-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106218	GW218-203	7/14/2020	N	INITIAL	1	METHOD	410-6955-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106224	GW224-203	7/11/2020	N	INITIAL	1	METHOD	410-6955-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106223	GW223-203	7/11/2020	N	INITIAL	1	METHOD	410-6955-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106222	GW222-203	7/11/2020	N	INITIAL	1	METHOD	410-6955-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106242-418	GW242-418-203	7/12/2020	N	INITIAL	5	NONE	410-6955-1	24959-67-9	Bromide	2.2	2.2
KAFB-106242-418	GW242-418-203	7/12/2020	N	INITIAL	200	NONE	410-6955-1	14808-79-8	Sulfate	280	280
KAFB-106242-418	GW242-418-203	7/12/2020	N	INITIAL	200	NONE	410-6955-1	16887-00-6	Chloride	130	130
KAFB-106242-418	GW242-418-203	7/19/2020	N	INITIAL	2	NONE	410-6955-1	NNN	Nitrogen as nitrate + nitrite	4.7	4.7
KAFB-106242-418	GW242-418-203	7/10/2020	N	INITIAL	1	NONE	410-6955-1	ALK	Alkalinity, total (as CaCO3)	150	150
KAFB-106242-418	GW242-418-203	7/10/2020	N	INITIAL	1	NONE	410-6955-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	150	150
KAFB-106242-418	GW242-418-203	7/10/2020	N	INITIAL	1	NONE	410-6955-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106242-418	GW242-418-203	7/13/2020	D	INITIAL	1	METHOD	410-6955-1	7439-89-6	Iron	< 0.10	0.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106242-418	GW242-418-203	7/13/2020	D	INITIAL	1	METHOD	410-6955-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106242-418	GW242-418-203	7/14/2020	T	INITIAL	1	SW3005	410-6955-1	7439-95-4	Magnesium	22	22
KAFB-106242-418	GW242-418-203	7/14/2020	T	INITIAL	1	SW3005	410-6955-1	7440-09-7	Potassium	4.5	4.5
KAFB-106242-418	GW242-418-203	7/14/2020	T	INITIAL	1	SW3005	410-6955-1	7440-23-5	Sodium	45	45
KAFB-106242-418	GW242-418-203	7/14/2020	T	INITIAL	1	SW3005	410-6955-1	7440-70-2	Calcium	170	170
KAFB-106242-418	GW242-418-203	7/23/2020	T	INITIAL	1	SW3020A	410-6955-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106242-418	GW242-418-203	7/23/2020	T	INITIAL	1	SW3020A	410-6955-1	7440-38-2	Arsenic	0.00083	0.00083
KAFB-106242-418	GW242-418-203	7/13/2020	N	INITIAL	1	METHOD	410-6955-1	106-93-4	1,2-Dibromoethane	< 0.020	0.02
KAFB-106231	GW231-203	7/11/2020	N	INITIAL	1	METHOD	410-6955-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106232	GW232-203	7/13/2020	N	INITIAL	1	METHOD	410-6955-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106207	GW207-203	7/11/2020	N	INITIAL	1	METHOD	410-6955-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106208	GW208-203	7/11/2020	N	INITIAL	1	METHOD	410-6955-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106209	GW209-203	7/11/2020	N	INITIAL	1	METHOD	410-6955-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106247-450	GW247-450-203	7/13/2020	N	INITIAL	5	NONE	410-7140-1	14808-79-8	Sulfate	32	32
KAFB-106247-450	GW247-450-203	7/13/2020	N	INITIAL	5	NONE	410-7140-1	16887-00-6	Chloride	10	10
KAFB-106247-450	GW247-450-203	7/13/2020	N	INITIAL	5	NONE	410-7140-1	24959-67-9	Bromide	< 2.0	2
KAFB-106247-450	GW247-450-203	7/19/2020	N	INITIAL	1	NONE	410-7140-1	NNN	Nitrogen as nitrate + nitrite	1.0	1
KAFB-106247-450	GW247-450-203	7/10/2020	N	INITIAL	1	NONE	410-7140-1	ALK	Alkalinity, total (as CaCO3)	160	160
KAFB-106247-450	GW247-450-203	7/10/2020	N	INITIAL	1	NONE	410-7140-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	160	160
KAFB-106247-450	GW247-450-203	7/10/2020	N	INITIAL	1	NONE	410-7140-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106247-450	GW247-450-203	7/18/2020	D	INITIAL	1	METHOD	410-7140-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106247-450	GW247-450-203	7/18/2020	D	INITIAL	1	METHOD	410-7140-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106247-450	GW247-450-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7439-95-4	Magnesium	7.0	7
KAFB-106247-450	GW247-450-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-09-7	Potassium	2.4	2.4
KAFB-106247-450	GW247-450-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-23-5	Sodium	25	25
KAFB-106247-450	GW247-450-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-70-2	Calcium	47	47
KAFB-106247-450	GW247-450-203	7/21/2020	T	INITIAL	1	SW3020A	410-7140-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106247-450	GW247-450-203	8/6/2020	T	INITIAL	1	SW3020A	410-7140-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106247-450	GW247-450-203	7/14/2020	N	INITIAL	1	METHOD	410-7140-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106247-450	GW247-450-203	7/16/2020	N	INITIAL	1	NONE	410-7140-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106247-450	GW247-450-203	7/16/2020	N	INITIAL	1	NONE	410-7140-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106247-450	GW247-450-203	7/16/2020	N	INITIAL	1	NONE	410-7140-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106247-450	GW247-450-203	7/16/2020	N	INITIAL	1	NONE	410-7140-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106230	GW230-203	7/13/2020	N	INITIAL	5	NONE	410-7140-1	14808-79-8	Sulfate	53	53
KAFB-106230	GW230-203	7/13/2020	N	INITIAL	5	NONE	410-7140-1	16887-00-6	Chloride	30	30
KAFB-106230	GW230-203	7/13/2020	N	INITIAL	5	NONE	410-7140-1	24959-67-9	Bromide	< 2.0	2
KAFB-106230	GW230-203	7/19/2020	N	INITIAL	1	NONE	410-7140-1	NNN	Nitrogen as nitrate + nitrite	0.72	0.72
KAFB-106230	GW230-203	7/11/2020	N	INITIAL	1	NONE	410-7140-1	ALK	Alkalinity, total (as CaCO3)	97	97
KAFB-106230	GW230-203	7/11/2020	N	INITIAL	1	NONE	410-7140-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	97	97
KAFB-106230	GW230-203	7/11/2020	N	INITIAL	1	NONE	410-7140-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106230	GW230-203	7/20/2020	D	INITIAL	1	METHOD	410-7140-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106230	GW230-203	7/20/2020	D	INITIAL	1	METHOD	410-7140-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106230	GW230-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7439-95-4	Magnesium	6.1	6.1
KAFB-106230	GW230-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-09-7	Potassium	2.5	2.5
KAFB-106230	GW230-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-23-5	Sodium	23	23
KAFB-106230	GW230-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-70-2	Calcium	44	44
KAFB-106230	GW230-203	7/25/2020	T	INITIAL	1	SW3020A	410-7140-1	7439-92-1	Lead	0.00021	0.00021
KAFB-106230	GW230-203	8/4/2020	T	INITIAL	1	SW3020A	410-7140-1	7440-38-2	Arsenic	0.00098	0.00098
KAFB-106230	GW230-203	7/14/2020	N	INITIAL	1	METHOD	410-7140-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106241-428	GW241-428-203	7/13/2020	N	INITIAL	5	NONE	410-7140-1	14808-79-8	Sulfate	50	50
KAFB-106241-428	GW241-428-203	7/13/2020	N	INITIAL	5	NONE	410-7140-1	24959-67-9	Bromide	< 2.0	2
KAFB-106241-428	GW241-428-203	7/13/2020	N	INITIAL	50	NONE	410-7140-1	16887-00-6	Chloride	41	41
KAFB-106241-428	GW241-428-203	7/19/2020	N	INITIAL	1	NONE	410-7140-1	NNN	Nitrogen as nitrate + nitrite	0.19	0.19
KAFB-106241-428	GW241-428-203	7/10/2020	N	INITIAL	1	NONE	410-7140-1	ALK	Alkalinity, total (as CaCO3)	130	130
KAFB-106241-428	GW241-428-203	7/10/2020	N	INITIAL	1	NONE	410-7140-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	130	130

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106241-428	GW241-428-203	7/10/2020	N	INITIAL	1	NONE	410-7140-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106241-428	GW241-428-203	7/20/2020	D	INITIAL	1	METHOD	410-7140-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106241-428	GW241-428-203	7/20/2020	D	INITIAL	1	METHOD	410-7140-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106241-428	GW241-428-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7439-95-4	Magnesium	7.5	7.5
KAFB-106241-428	GW241-428-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-09-7	Potassium	2.7	2.7
KAFB-106241-428	GW241-428-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-23-5	Sodium	28	28
KAFB-106241-428	GW241-428-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-70-2	Calcium	54	54
KAFB-106241-428	GW241-428-203	7/25/2020	T	INITIAL	1	SW3020A	410-7140-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106241-428	GW241-428-203	8/4/2020	T	INITIAL	1	SW3020A	410-7140-1	7440-38-2	Arsenic	0.00081	0.00081
KAFB-106241-428	GW241-428-203	7/14/2020	N	INITIAL	1	METHOD	410-7140-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106041	GW041-203	7/13/2020	N	INITIAL	5	NONE	410-7140-1	24959-67-9	Bromide	< 2.0	2
KAFB-106041	GW041-203	7/13/2020	N	INITIAL	50	NONE	410-7140-1	14808-79-8	Sulfate	99	99
KAFB-106041	GW041-203	7/13/2020	N	INITIAL	50	NONE	410-7140-1	16887-00-6	Chloride	57	57
KAFB-106041	GW041-203	7/19/2020	N	INITIAL	1	NONE	410-7140-1	NNN	Nitrogen as nitrate + nitrite	2.4	2.4
KAFB-106041	GW041-203	7/10/2020	N	INITIAL	1	NONE	410-7140-1	ALK	Alkalinity, total (as CaCO3)	98	98
KAFB-106041	GW041-203	7/10/2020	N	INITIAL	1	NONE	410-7140-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	98	98
KAFB-106041	GW041-203	7/10/2020	N	INITIAL	1	NONE	410-7140-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106041	GW041-203	7/14/2020	D	INITIAL	1	METHOD	410-7140-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106041	GW041-203	7/14/2020	D	INITIAL	1	METHOD	410-7140-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106041	GW041-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7439-95-4	Magnesium	12	12
KAFB-106041	GW041-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-09-7	Potassium	3.7	3.7
KAFB-106041	GW041-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-23-5	Sodium	32	32
KAFB-106041	GW041-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-70-2	Calcium	91	91
KAFB-106041	GW041-203	7/25/2020	T	INITIAL	1	SW3020A	410-7140-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106041	GW041-203	8/4/2020	T	INITIAL	1	SW3020A	410-7140-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106041	GW041-203	7/14/2020	N	INITIAL	1	METHOD	410-7140-1	106-93-4	1,2-Dibromoethane	0.016	0.016
KAFB-106050	GW050-203	7/14/2020	N	INITIAL	1	METHOD	410-7140-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106051	GW051-203	7/14/2020	N	INITIAL	1	METHOD	410-7140-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106051	GW051-603	7/14/2020	N	INITIAL	1	METHOD	410-7140-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106049	GW049-203	7/14/2020	N	INITIAL	1	METHOD	410-7140-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106032	GW032-203	7/14/2020	N	INITIAL	1	METHOD	410-7140-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106033	GW033-203	7/14/2020	N	INITIAL	1	METHOD	410-7140-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106034	GW034-203	7/14/2020	N	INITIAL	1	METHOD	410-7140-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106240-449	GW240-449-203	7/13/2020	N	INITIAL	5	NONE	410-7140-1	14808-79-8	Sulfate	71	71
KAFB-106240-449	GW240-449-203	7/13/2020	N	INITIAL	5	NONE	410-7140-1	24959-67-9	Bromide	< 2.0	2
KAFB-106240-449	GW240-449-203	7/13/2020	N	INITIAL	500	NONE	410-7140-1	16887-00-6	Chloride	130	130
KAFB-106240-449	GW240-449-203	7/19/2020	N	INITIAL	1	NONE	410-7140-1	NNN	Nitrogen as nitrate + nitrite	1.9	1.9
KAFB-106240-449	GW240-449-203	7/10/2020	N	INITIAL	1	NONE	410-7140-1	ALK	Alkalinity, total (as CaCO3)	160	160
KAFB-106240-449	GW240-449-203	7/10/2020	N	INITIAL	1	NONE	410-7140-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	160	160
KAFB-106240-449	GW240-449-203	7/10/2020	N	INITIAL	1	NONE	410-7140-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106240-449	GW240-449-203	7/20/2020	D	INITIAL	1	METHOD	410-7140-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106240-449	GW240-449-203	7/20/2020	D	INITIAL	1	METHOD	410-7140-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106240-449	GW240-449-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7439-95-4	Magnesium	12	12
KAFB-106240-449	GW240-449-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-09-7	Potassium	3.1	3.1
KAFB-106240-449	GW240-449-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-23-5	Sodium	29	29
KAFB-106240-449	GW240-449-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-70-2	Calcium	83	83
KAFB-106240-449	GW240-449-203	7/25/2020	T	INITIAL	1	SW3020A	410-7140-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106240-449	GW240-449-203	8/4/2020	T	INITIAL	1	SW3020A	410-7140-1	7440-38-2	Arsenic	0.0010	0.001
KAFB-106240-449	GW240-449-203	7/25/2020	N	INITIAL	1	METHOD	410-7140-1	106-93-4	1,2-Dibromoethane	< 0.020	0.02
KAFB-106240-449	GW240-449-203	7/16/2020	N	INITIAL	1	NONE	410-7140-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106240-449	GW240-449-203	7/16/2020	N	INITIAL	1	NONE	410-7140-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106240-449	GW240-449-203	7/16/2020	N	INITIAL	1	NONE	410-7140-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106240-449	GW240-449-203	7/16/2020	N	INITIAL	1	NONE	410-7140-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106244-445	GW244-445-203	7/13/2020	N	INITIAL	5	NONE	410-7140-1	24959-67-9	Bromide	< 2.0	2
KAFB-106244-445	GW244-445-203	7/13/2020	N	INITIAL	50	NONE	410-7140-1	14808-79-8	Sulfate	320	320

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106244-445	GW244-445-203	7/13/2020	N	INITIAL	50	NONE	410-7140-1	16887-00-6	Chloride	130	130
KAFB-106244-445	GW244-445-203	7/19/2020	N	INITIAL	1	NONE	410-7140-1	NNN	Nitrogen as nitrate + nitrite	3.5	3.5
KAFB-106244-445	GW244-445-203	7/10/2020	N	INITIAL	1	NONE	410-7140-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106244-445	GW244-445-203	7/10/2020	N	INITIAL	1	NONE	410-7140-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106244-445	GW244-445-203	7/10/2020	N	INITIAL	1	NONE	410-7140-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106244-445	GW244-445-203	7/18/2020	D	INITIAL	1	METHOD	410-7140-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106244-445	GW244-445-203	7/18/2020	D	INITIAL	1	METHOD	410-7140-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106244-445	GW244-445-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7439-95-4	Magnesium	22	22
KAFB-106244-445	GW244-445-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-09-7	Potassium	4.4	4.4
KAFB-106244-445	GW244-445-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-23-5	Sodium	58	58
KAFB-106244-445	GW244-445-203	7/21/2020	T	INITIAL	1	SW3005	410-7140-1	7440-70-2	Calcium	140	140
KAFB-106244-445	GW244-445-203	7/25/2020	T	INITIAL	1	SW3020A	410-7140-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106244-445	GW244-445-203	8/4/2020	T	INITIAL	1	SW3020A	410-7140-1	7440-38-2	Arsenic	0.00076	0.00076
KAFB-106244-445	GW244-445-203	7/25/2020	N	INITIAL	1	METHOD	410-7140-1	106-93-4	1,2-Dibromoethane	< 0.020	0.02
KAFB-106244-445	GW244-445-203	7/16/2020	N	INITIAL	1	NONE	410-7140-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106244-445	GW244-445-203	7/16/2020	N	INITIAL	1	NONE	410-7140-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106244-445	GW244-445-203	7/16/2020	N	INITIAL	1	NONE	410-7140-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106244-445	GW244-445-203	7/16/2020	N	INITIAL	1	NONE	410-7140-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106245-460	GW245-460-203	7/14/2020	N	INITIAL	5	NONE	410-7281-1	14808-79-8	Sulfate	50	50
KAFB-106245-460	GW245-460-203	7/14/2020	N	INITIAL	5	NONE	410-7281-1	24959-67-9	Bromide	1.6	1.6
KAFB-106245-460	GW245-460-203	7/14/2020	N	INITIAL	50	NONE	410-7281-1	16887-00-6	Chloride	52	52
KAFB-106245-460	GW245-460-203	7/21/2020	N	INITIAL	1	NONE	410-7281-1	NNN	Nitrogen as nitrate + nitrite	1.1	1.1
KAFB-106245-460	GW245-460-203	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106245-460	GW245-460-203	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106245-460	GW245-460-203	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106245-460	GW245-460-203	7/20/2020	D	INITIAL	1	METHOD	410-7281-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106245-460	GW245-460-203	7/20/2020	D	INITIAL	1	METHOD	410-7281-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106245-460	GW245-460-203	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7439-95-4	Magnesium	8.4	8.4
KAFB-106245-460	GW245-460-203	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-09-7	Potassium	2.6	2.6
KAFB-106245-460	GW245-460-203	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-23-5	Sodium	25	25
KAFB-106245-460	GW245-460-203	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-70-2	Calcium	59	59
KAFB-106245-460	GW245-460-203	7/20/2020	T	INITIAL	1	SW3020A	410-7281-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106245-460	GW245-460-203	8/4/2020	T	INITIAL	1	SW3020A	410-7281-1	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106245-460	GW245-460-203	7/23/2020	N	INITIAL	1	METHOD	410-7281-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106245-460	GW245-460-203	7/16/2020	N	INITIAL	1	NONE	410-7281-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106245-460	GW245-460-203	7/16/2020	N	INITIAL	1	NONE	410-7281-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106245-460	GW245-460-203	7/16/2020	N	INITIAL	1	NONE	410-7281-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106245-460	GW245-460-203	7/16/2020	N	INITIAL	1	NONE	410-7281-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106029	GW029-203	7/23/2020	N	INITIAL	1	METHOD	410-7281-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106030	GW030-203	7/23/2020	N	INITIAL	1	METHOD	410-7281-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106031	GW031-203	7/23/2020	N	INITIAL	1	METHOD	410-7281-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106243-425	GW243-425-203	7/14/2020	N	INITIAL	5	NONE	410-7281-1	14808-79-8	Sulfate	40	40
KAFB-106243-425	GW243-425-203	7/14/2020	N	INITIAL	5	NONE	410-7281-1	16887-00-6	Chloride	20	20
KAFB-106243-425	GW243-425-203	7/14/2020	N	INITIAL	5	NONE	410-7281-1	24959-67-9	Bromide	< 2.0	2
KAFB-106243-425	GW243-425-203	7/21/2020	N	INITIAL	1	NONE	410-7281-1	NNN	Nitrogen as nitrate + nitrite	1.0	1
KAFB-106243-425	GW243-425-203	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK	Alkalinity, total (as CaCO3)	150	150
KAFB-106243-425	GW243-425-203	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	150	150
KAFB-106243-425	GW243-425-203	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106243-425	GW243-425-203	7/20/2020	D	INITIAL	1	METHOD	410-7281-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106243-425	GW243-425-203	7/20/2020	D	INITIAL	1	METHOD	410-7281-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106243-425	GW243-425-203	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7439-95-4	Magnesium	6.4	6.4
KAFB-106243-425	GW243-425-203	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-09-7	Potassium	2.5	2.5
KAFB-106243-425	GW243-425-203	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-23-5	Sodium	24	24
KAFB-106243-425	GW243-425-203	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-70-2	Calcium	48	48
KAFB-106243-425	GW243-425-203	7/16/2020	T	INITIAL	1	SW3020A	410-7281-1	7439-92-1	Lead	0.000083	0.000083

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106243-425	GW243-425-203	7/16/2020	T	INITIAL	1	SW3020A	410-7281-1	7440-38-2	Arsenic	0.0014	0.0014
KAFB-106243-425	GW243-425-203	7/23/2020	N	INITIAL	1	METHOD	410-7281-1	106-93-4	1,2-Dibromoethane	0.035	0.035
KAFB-106243-425	GW243-425-603	7/14/2020	N	INITIAL	5	NONE	410-7281-1	14808-79-8	Sulfate	41	41
KAFB-106243-425	GW243-425-603	7/14/2020	N	INITIAL	5	NONE	410-7281-1	16887-00-6	Chloride	21	21
KAFB-106243-425	GW243-425-603	7/14/2020	N	INITIAL	5	NONE	410-7281-1	24959-67-9	Bromide	< 2.0	2
KAFB-106243-425	GW243-425-603	7/21/2020	N	INITIAL	1	NONE	410-7281-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106243-425	GW243-425-603	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK	Alkalinity, total (as CaCO3)	150	150
KAFB-106243-425	GW243-425-603	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	150	150
KAFB-106243-425	GW243-425-603	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106243-425	GW243-425-603	7/20/2020	D	INITIAL	1	METHOD	410-7281-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106243-425	GW243-425-603	7/20/2020	D	INITIAL	1	METHOD	410-7281-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106243-425	GW243-425-603	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7439-95-4	Magnesium	6.7	6.7
KAFB-106243-425	GW243-425-603	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-09-7	Potassium	2.5	2.5
KAFB-106243-425	GW243-425-603	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-23-5	Sodium	25	25
KAFB-106243-425	GW243-425-603	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-70-2	Calcium	49	49
KAFB-106243-425	GW243-425-603	7/16/2020	T	INITIAL	1	SW3020A	410-7281-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106243-425	GW243-425-603	7/16/2020	T	INITIAL	1	SW3020A	410-7281-1	7440-38-2	Arsenic	0.0013	0.0013
KAFB-106243-425	GW243-425-603	7/23/2020	N	INITIAL	1	METHOD	410-7281-1	106-93-4	1,2-Dibromoethane	0.030	0.03
KAFB-106201	GW201-203	7/23/2020	N	INITIAL	1	METHOD	410-7281-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106202	GW202-203	7/23/2020	N	INITIAL	1	METHOD	410-7281-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106203	GW203-203	7/23/2020	N	INITIAL	1	METHOD	410-7281-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106009	GW009-203	7/14/2020	N	INITIAL	5	NONE	410-7281-1	24959-67-9	Bromide	2.8	2.8
KAFB-106009	GW009-203	7/14/2020	N	INITIAL	500	NONE	410-7281-1	14808-79-8	Sulfate	230	230
KAFB-106009	GW009-203	7/14/2020	N	INITIAL	500	NONE	410-7281-1	16887-00-6	Chloride	180	180
KAFB-106009	GW009-203	7/20/2020	N	INITIAL	1	NONE	410-7281-1	NNN	Nitrogen as nitrate + nitrite	1.7	1.7
KAFB-106009	GW009-203	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK	Alkalinity, total (as CaCO3)	140	140
KAFB-106009	GW009-203	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	140	140
KAFB-106009	GW009-203	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106009	GW009-203	7/20/2020	D	INITIAL	1	METHOD	410-7281-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106009	GW009-203	7/20/2020	D	INITIAL	1	METHOD	410-7281-1	7439-96-5	Manganese	0.0080	0.008
KAFB-106009	GW009-203	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7439-95-4	Magnesium	20	20
KAFB-106009	GW009-203	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-09-7	Potassium	3.7	3.7
KAFB-106009	GW009-203	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-23-5	Sodium	45	45
KAFB-106009	GW009-203	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-70-2	Calcium	140	140
KAFB-106009	GW009-203	7/20/2020	T	INITIAL	1	SW3020A	410-7281-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106009	GW009-203	8/4/2020	T	INITIAL	1	SW3020A	410-7281-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106009	GW009-203	7/23/2020	N	INITIAL	1	METHOD	410-7281-1	106-93-4	1,2-Dibromoethane	0.019	0.019
KAFB-106009	GW009-203	7/16/2020	N	INITIAL	1	NONE	410-7281-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106009	GW009-203	7/16/2020	N	INITIAL	1	NONE	410-7281-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106009	GW009-203	7/16/2020	N	INITIAL	1	NONE	410-7281-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106009	GW009-203	7/16/2020	N	INITIAL	1	NONE	410-7281-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106009	GW009-603	7/14/2020	N	INITIAL	5	NONE	410-7281-1	24959-67-9	Bromide	2.9	2.9
KAFB-106009	GW009-603	7/14/2020	N	INITIAL	500	NONE	410-7281-1	16887-00-6	Chloride	210	210
KAFB-106009	GW009-603	7/31/2020	N	INITIAL	500	NONE	410-7281-1	14808-79-8	Sulfate	340	340
KAFB-106009	GW009-603	7/21/2020	N	INITIAL	1	NONE	410-7281-1	NNN	Nitrogen as nitrate + nitrite	1.7	1.7
KAFB-106009	GW009-603	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK	Alkalinity, total (as CaCO3)	170	170
KAFB-106009	GW009-603	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	170	170
KAFB-106009	GW009-603	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106009	GW009-603	7/20/2020	D	INITIAL	1	METHOD	410-7281-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106009	GW009-603	7/20/2020	D	INITIAL	1	METHOD	410-7281-1	7439-96-5	Manganese	0.0043	0.0043
KAFB-106009	GW009-603	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7439-95-4	Magnesium	20	20
KAFB-106009	GW009-603	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-09-7	Potassium	3.6	3.6
KAFB-106009	GW009-603	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-23-5	Sodium	45	45
KAFB-106009	GW009-603	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-70-2	Calcium	140	140
KAFB-106009	GW009-603	7/20/2020	T	INITIAL	1	SW3020A	410-7281-1	7439-92-1	Lead	< 0.00025	0.00025

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106009	GW009-603	8/4/2020	T	INITIAL	1	SW3020A	410-7281-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106009	GW009-603	7/23/2020	N	INITIAL	1	METHOD	410-7281-1	106-93-4	1,2-Dibromoethane	0.020	0.02
KAFB-106009	GW009-603	7/16/2020	N	INITIAL	1	NONE	410-7281-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106009	GW009-603	7/16/2020	N	INITIAL	1	NONE	410-7281-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106009	GW009-603	7/16/2020	N	INITIAL	1	NONE	410-7281-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106009	GW009-603	7/16/2020	N	INITIAL	1	NONE	410-7281-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-203	7/14/2020	N	INITIAL	50	NONE	410-7281-1	14808-79-8	Sulfate	330	330
KAFB-106S4-446	GWS4-446-203	7/14/2020	N	INITIAL	50	NONE	410-7281-1	16887-00-6	Chloride	180	180
KAFB-106S4-446	GWS4-446-203	7/14/2020	N	INITIAL	50	NONE	410-7281-1	24959-67-9	Bromide	< 20	20
KAFB-106S4-446	GWS4-446-203	7/21/2020	N	INITIAL	5	NONE	410-7281-1	NNN	Nitrogen as nitrate + nitrite	6.8	6.8
KAFB-106S4-446	GWS4-446-203	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106S4-446	GWS4-446-203	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106S4-446	GWS4-446-203	7/14/2020	N	INITIAL	1	NONE	410-7281-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S4-446	GWS4-446-203	7/20/2020	D	INITIAL	1	METHOD	410-7281-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106S4-446	GWS4-446-203	7/20/2020	D	INITIAL	1	METHOD	410-7281-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106S4-446	GWS4-446-203	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7439-95-4	Magnesium	29	29
KAFB-106S4-446	GWS4-446-203	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-09-7	Potassium	4.9	4.9
KAFB-106S4-446	GWS4-446-203	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-23-5	Sodium	64	64
KAFB-106S4-446	GWS4-446-203	7/21/2020	T	INITIAL	1	SW3005	410-7281-1	7440-70-2	Calcium	190	190
KAFB-106S4-446	GWS4-446-203	7/20/2020	T	INITIAL	1	SW3020A	410-7281-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106S4-446	GWS4-446-203	8/4/2020	T	INITIAL	1	SW3020A	410-7281-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106S4-446	GWS4-446-203	7/23/2020	N	INITIAL	1	METHOD	410-7281-1	106-93-4	1,2-Dibromoethane	0.035	0.035
KAFB-106S4-446	GWS4-446-203	7/16/2020	N	INITIAL	1	NONE	410-7281-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106S4-446	GWS4-446-203	7/16/2020	N	INITIAL	1	NONE	410-7281-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-203	7/16/2020	N	INITIAL	1	NONE	410-7281-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106S4-446	GWS4-446-203	7/16/2020	N	INITIAL	1	NONE	410-7281-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106152-484	GW152-484-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	14808-79-8	Sulfate	1.5	1.5
KAFB-106152-484	GW152-484-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	24959-67-9	Bromide	1.3	1.3
KAFB-106152-484	GW152-484-203	7/14/2020	N	INITIAL	50	NONE	410-7458-1	16887-00-6	Chloride	70	70
KAFB-106152-484	GW152-484-203	7/25/2020	N	INITIAL	1	NONE	410-7458-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106152-484	GW152-484-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK	Alkalinity, total (as CaCO3)	490	490
KAFB-106152-484	GW152-484-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	490	490
KAFB-106152-484	GW152-484-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106152-484	GW152-484-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7439-95-4	Magnesium	26	26
KAFB-106152-484	GW152-484-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-09-7	Potassium	4.1	4.1
KAFB-106152-484	GW152-484-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-23-5	Sodium	44	44
KAFB-106152-484	GW152-484-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-70-2	Calcium	170	170
KAFB-106152-484	GW152-484-203	7/15/2020	D	INITIAL	1	METHOD	410-7458-1	7439-89-6	Iron	1.4	1.4
KAFB-106152-484	GW152-484-203	7/15/2020	D	INITIAL	1	METHOD	410-7458-1	7439-96-5	Manganese	4.6	4.6
KAFB-106152-484	GW152-484-203	7/28/2020	T	INITIAL	1	SW3020A	410-7458-1	7439-92-1	Lead	0.00034	0.00034
KAFB-106152-484	GW152-484-203	7/28/2020	T	INITIAL	1	SW3020A	410-7458-1	7440-38-2	Arsenic	0.0032	0.0032
KAFB-106152-484	GW152-484-203	7/23/2020	N	INITIAL	1	METHOD	410-7458-1	106-93-4	1,2-Dibromoethane	0.019	0.019
KAFB-106S1-447	GWS1-447-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	14808-79-8	Sulfate	3.4	3.4
KAFB-106S1-447	GWS1-447-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	16887-00-6	Chloride	22	22
KAFB-106S1-447	GWS1-447-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	24959-67-9	Bromide	< 2	2
KAFB-106S1-447	GWS1-447-203	7/22/2020	N	INITIAL	1	NONE	410-7458-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106S1-447	GWS1-447-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK	Alkalinity, total (as CaCO3)	550	550
KAFB-106S1-447	GWS1-447-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	550	550
KAFB-106S1-447	GWS1-447-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106S1-447	GWS1-447-203	7/15/2020	T	INITIAL	1	SW3005	410-7458-1	7439-95-4	Magnesium	34	34
KAFB-106S1-447	GWS1-447-203	7/15/2020	T	INITIAL	1	SW3005	410-7458-1	7440-09-7	Potassium	4.6	4.6
KAFB-106S1-447	GWS1-447-203	7/15/2020	T	INITIAL	1	SW3005	410-7458-1	7440-23-5	Sodium	48	48
KAFB-106S1-447	GWS1-447-203	7/15/2020	T	INITIAL	1	SW3005	410-7458-1	7440-70-2	Calcium	210	210
KAFB-106S1-447	GWS1-447-203	7/23/2020	D	INITIAL	1	METHOD	410-7458-1	7439-96-5	Manganese	7.2	7.2
KAFB-106S1-447	GWS1-447-203	7/24/2020	D	INITIAL	1	METHOD	410-7458-1	7439-89-6	Iron	7.3	7.3

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S1-447	GWS1-447-203	7/28/2020	T	INITIAL	1	SW3020A	410-7458-1	7439-92-1	Lead	0.00024	0.00024
KAFB-106S1-447	GWS1-447-203	7/28/2020	T	INITIAL	1	SW3020A	410-7458-1	7440-38-2	Arsenic	0.0058	0.0058
KAFB-106S1-447	GWS1-447-203	7/24/2020	N	INITIAL	200	METHOD	410-7458-1	106-93-4	1,2-Dibromoethane	28	28
KAFB-106S1-447	GWS1-447-203	7/20/2020	N	INITIAL	10	NONE	410-7458-1	100-41-4	Ethylbenzene	500	500
KAFB-106S1-447	GWS1-447-203	7/20/2020	N	INITIAL	10	NONE	410-7458-1	1330-20-7	Xylenes, total	2800	2800
KAFB-106S1-447	GWS1-447-203	7/20/2020	N	REANALYSIS	100	NONE	410-7458-1	108-88-3	Toluene	6300	6300
KAFB-106S1-447	GWS1-447-203	7/20/2020	N	REANALYSIS	100	NONE	410-7458-1	71-43-2	Benzene	5000	5000
KAFB-106149-484	GW149-484-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106149-484	GW149-484-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	16887-00-6	Chloride	11	11
KAFB-106149-484	GW149-484-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	24959-67-9	Bromide	< 2	2
KAFB-106149-484	GW149-484-203	7/25/2020	N	INITIAL	1	NONE	410-7458-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106149-484	GW149-484-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK	Alkalinity, total (as CaCO3)	240	240
KAFB-106149-484	GW149-484-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	240	240
KAFB-106149-484	GW149-484-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106149-484	GW149-484-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7439-95-4	Magnesium	9.2	9.2
KAFB-106149-484	GW149-484-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-09-7	Potassium	2.9	2.9
KAFB-106149-484	GW149-484-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-23-5	Sodium	28	28
KAFB-106149-484	GW149-484-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-70-2	Calcium	62	62
KAFB-106149-484	GW149-484-203	7/15/2020	D	INITIAL	1	METHOD	410-7458-1	7439-89-6	Iron	0.047	0.047
KAFB-106149-484	GW149-484-203	7/15/2020	D	INITIAL	1	METHOD	410-7458-1	7439-96-5	Manganese	0.84	0.84
KAFB-106149-484	GW149-484-203	7/28/2020	T	INITIAL	1	SW3020A	410-7458-1	7439-92-1	Lead	0.00088	0.00088
KAFB-106149-484	GW149-484-203	7/28/2020	T	INITIAL	1	SW3020A	410-7458-1	7440-38-2	Arsenic	0.0025	0.0025
KAFB-106149-484	GW149-484-203	7/29/2020	N	INITIAL	100	METHOD	410-7458-1	106-93-4	1,2-Dibromoethane	11	11
KAFB-106S5-446	GWS5-446-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106S5-446	GWS5-446-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	16887-00-6	Chloride	21	21
KAFB-106S5-446	GWS5-446-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	24959-67-9	Bromide	< 2	2
KAFB-106S5-446	GWS5-446-203	7/25/2020	N	INITIAL	1	NONE	410-7458-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106S5-446	GWS5-446-203	7/14/2020	N	INITIAL	1	NONE	410-7458-1	ALK	Alkalinity, total (as CaCO3)	230	230
KAFB-106S5-446	GWS5-446-203	7/25/2020	N	INITIAL	1	NONE	410-7458-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106S5-446	GWS5-446-203	7/14/2020	N	INITIAL	1	NONE	410-7458-1	ALK	Alkalinity, total (as CaCO3)	230	230
KAFB-106S5-446	GWS5-446-203	7/14/2020	N	INITIAL	1	NONE	410-7458-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	230	230
KAFB-106S5-446	GWS5-446-203	7/14/2020	N	INITIAL	1	NONE	410-7458-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106S5-446	GWS5-446-203	7/14/2020	D	INITIAL	1	METHOD	410-7458-1	7439-89-6	Iron	1.7	1.7
KAFB-106S5-446	GWS5-446-203	7/14/2020	D	INITIAL	1	METHOD	410-7458-1	7439-96-5	Manganese	2.1	2.1
KAFB-106S5-446	GWS5-446-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7439-95-4	Magnesium	11	11
KAFB-106S5-446	GWS5-446-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-09-7	Potassium	2.7	2.7
KAFB-106S5-446	GWS5-446-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-23-5	Sodium	28	28
KAFB-106S5-446	GWS5-446-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-70-2	Calcium	72	72
KAFB-106S5-446	GWS5-446-203	7/20/2020	T	INITIAL	1	SW3020A	410-7458-1	7439-92-1	Lead	0.00046	0.00046
KAFB-106S5-446	GWS5-446-203	8/4/2020	T	INITIAL	1	SW3020A	410-7458-1	7440-38-2	Arsenic	0.0032	0.0032
KAFB-106S5-446	GWS5-446-203	7/24/2020	N	INITIAL	20	METHOD	410-7458-1	106-93-4	1,2-Dibromoethane	3.1	3.1
KAFB-106S5-446	GWS5-446-203	7/18/2020	N	INITIAL	20	NONE	410-7458-1	100-41-4	Ethylbenzene	1300	1300
KAFB-106S5-446	GWS5-446-203	7/18/2020	N	INITIAL	20	NONE	410-7458-1	108-88-3	Toluene	3400	3400
KAFB-106S5-446	GWS5-446-203	7/18/2020	N	INITIAL	20	NONE	410-7458-1	1330-20-7	Xylenes, total	2400	2400
KAFB-106S5-446	GWS5-446-203	7/18/2020	N	INITIAL	20	NONE	410-7458-1	71-43-2	Benzene	990	990
KAFB-106S7-451	GWS7-451-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	14808-79-8	Sulfate	3.2	3.2
KAFB-106S7-451	GWS7-451-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	16887-00-6	Chloride	25	25
KAFB-106S7-451	GWS7-451-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	24959-67-9	Bromide	< 2	2
KAFB-106S7-451	GWS7-451-203	7/25/2020	N	INITIAL	1	NONE	410-7458-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106S7-451	GWS7-451-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK	Alkalinity, total (as CaCO3)	330	330
KAFB-106S7-451	GWS7-451-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	330	330
KAFB-106S7-451	GWS7-451-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106S7-451	GWS7-451-203	7/14/2020	D	INITIAL	1	METHOD	410-7458-1	7439-89-6	Iron	1.1	1.1
KAFB-106S7-451	GWS7-451-203	7/14/2020	D	INITIAL	1	METHOD	410-7458-1	7439-96-5	Manganese	3.5	3.5
KAFB-106S7-451	GWS7-451-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7439-95-4	Magnesium	16	16
KAFB-106S7-451	GWS7-451-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-09-7	Potassium	3.2	3.2
KAFB-106S7-451	GWS7-451-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-23-5	Sodium	37	37

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S7-451	GWS7-451-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-70-2	Calcium	100	100
KAFB-106S7-451	GWS7-451-203	7/20/2020	T	INITIAL	1	SW3020A	410-7458-1	7439-92-1	Lead	0.000083	0.000083
KAFB-106S7-451	GWS7-451-203	8/4/2020	T	INITIAL	1	SW3020A	410-7458-1	7440-38-2	Arsenic	0.0078	0.0078
KAFB-106S7-451	GWS7-451-203	7/24/2020	N	INITIAL	200	METHOD	410-7458-1	106-93-4	1,2-Dibromoethane	36	36
KAFB-106S7-451	GWS7-451-203	7/18/2020	N	INITIAL	10	NONE	410-7458-1	100-41-4	Ethylbenzene	1000	1000
KAFB-106S7-451	GWS7-451-203	7/18/2020	N	INITIAL	10	NONE	410-7458-1	108-88-3	Toluene	1700	1700
KAFB-106S7-451	GWS7-451-203	7/18/2020	N	INITIAL	10	NONE	410-7458-1	1330-20-7	Xylenes, total	3300	3300
KAFB-106S7-451	GWS7-451-203	7/18/2020	N	INITIAL	10	NONE	410-7458-1	71-43-2	Benzene	520	520
KAFB-106S3-449	GWS3-449-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	14808-79-8	Sulfate	2.9	2.9
KAFB-106S3-449	GWS3-449-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	24959-67-9	Bromide	1.5	1.5
KAFB-106S3-449	GWS3-449-203	7/14/2020	N	INITIAL	50	NONE	410-7458-1	16887-00-6	Chloride	44	44
KAFB-106S3-449	GWS3-449-203	7/25/2020	N	INITIAL	1	NONE	410-7458-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106S3-449	GWS3-449-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK	Alkalinity, total (as CaCO3)	390	390
KAFB-106S3-449	GWS3-449-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	390	390
KAFB-106S3-449	GWS3-449-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106S3-449	GWS3-449-203	7/14/2020	D	INITIAL	1	METHOD	410-7458-1	7439-89-6	Iron	3.8	3.8
KAFB-106S3-449	GWS3-449-203	7/14/2020	D	INITIAL	1	METHOD	410-7458-1	7439-96-5	Manganese	2.5	2.5
KAFB-106S3-449	GWS3-449-203	7/20/2020	T	INITIAL	1	SW3005	410-7458-1	7439-95-4	Magnesium	19	19
KAFB-106S3-449	GWS3-449-203	7/20/2020	T	INITIAL	1	SW3005	410-7458-1	7440-09-7	Potassium	3.5	3.5
KAFB-106S3-449	GWS3-449-203	7/20/2020	T	INITIAL	1	SW3005	410-7458-1	7440-23-5	Sodium	37	37
KAFB-106S3-449	GWS3-449-203	7/20/2020	T	INITIAL	1	SW3005	410-7458-1	7440-70-2	Calcium	110	110
KAFB-106S3-449	GWS3-449-203	7/20/2020	T	INITIAL	1	SW3020A	410-7458-1	7439-92-1	Lead	0.0004	0.0004
KAFB-106S3-449	GWS3-449-203	8/4/2020	T	INITIAL	1	SW3020A	410-7458-1	7440-38-2	Arsenic	0.0066	0.0066
KAFB-106S3-449	GWS3-449-203	7/24/2020	N	INITIAL	500	METHOD	410-7458-1	106-93-4	1,2-Dibromoethane	75	75
KAFB-106S3-449	GWS3-449-203	7/18/2020	N	INITIAL	10	NONE	410-7458-1	100-41-4	Ethylbenzene	24	24
KAFB-106S3-449	GWS3-449-203	7/18/2020	N	INITIAL	10	NONE	410-7458-1	108-88-3	Toluene	5	5
KAFB-106S3-449	GWS3-449-203	7/18/2020	N	INITIAL	10	NONE	410-7458-1	1330-20-7	Xylenes, total	450	450
KAFB-106S3-449	GWS3-449-203	7/18/2020	N	INITIAL	10	NONE	410-7458-1	71-43-2	Benzene	200	200
KAFB-106S2-451	GWS2-451-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	14808-79-8	Sulfate	8.7	8.7
KAFB-106S2-451	GWS2-451-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	24959-67-9	Bromide	< 2	2
KAFB-106S2-451	GWS2-451-203	7/14/2020	N	INITIAL	50	NONE	410-7458-1	16887-00-6	Chloride	96	96
KAFB-106S2-451	GWS2-451-203	7/25/2020	N	INITIAL	1	NONE	410-7458-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106S2-451	GWS2-451-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK	Alkalinity, total (as CaCO3)	370	370
KAFB-106S2-451	GWS2-451-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	370	370
KAFB-106S2-451	GWS2-451-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106S2-451	GWS2-451-203	7/14/2020	D	INITIAL	1	METHOD	410-7458-1	7439-89-6	Iron	0.075	0.075
KAFB-106S2-451	GWS2-451-203	7/14/2020	D	INITIAL	1	METHOD	410-7458-1	7439-96-5	Manganese	5.8	5.8
KAFB-106S2-451	GWS2-451-203	7/20/2020	T	INITIAL	1	SW3005	410-7458-1	7439-95-4	Magnesium	26	26
KAFB-106S2-451	GWS2-451-203	7/20/2020	T	INITIAL	1	SW3005	410-7458-1	7440-09-7	Potassium	3.8	3.8
KAFB-106S2-451	GWS2-451-203	7/20/2020	T	INITIAL	1	SW3005	410-7458-1	7440-23-5	Sodium	43	43
KAFB-106S2-451	GWS2-451-203	7/20/2020	T	INITIAL	1	SW3005	410-7458-1	7440-70-2	Calcium	160	160
KAFB-106S2-451	GWS2-451-203	7/20/2020	T	INITIAL	1	SW3020A	410-7458-1	7439-92-1	Lead	0.0006	0.0006
KAFB-106S2-451	GWS2-451-203	8/4/2020	T	INITIAL	1	SW3020A	410-7458-1	7440-38-2	Arsenic	0.0017	0.0017
KAFB-106S2-451	GWS2-451-203	7/24/2020	N	INITIAL	2000	METHOD	410-7458-1	106-93-4	1,2-Dibromoethane	150	150
KAFB-106S2-451	GWS2-451-203	7/17/2020	N	INITIAL	10	NONE	410-7458-1	100-41-4	Ethylbenzene	130	130
KAFB-106S2-451	GWS2-451-203	7/17/2020	N	INITIAL	10	NONE	410-7458-1	108-88-3	Toluene	320	320
KAFB-106S2-451	GWS2-451-203	7/17/2020	N	INITIAL	10	NONE	410-7458-1	1330-20-7	Xylenes, total	1200	1200
KAFB-106S2-451	GWS2-451-203	7/17/2020	N	INITIAL	10	NONE	410-7458-1	71-43-2	Benzene	1100	1100
KAFB-106S9-447	GWS9-447-203	7/14/2020	N	INITIAL	50	NONE	410-7458-1	14808-79-8	Sulfate	290	290
KAFB-106S9-447	GWS9-447-203	7/14/2020	N	INITIAL	50	NONE	410-7458-1	16887-00-6	Chloride	81	81
KAFB-106S9-447	GWS9-447-203	7/14/2020	N	INITIAL	50	NONE	410-7458-1	24959-67-9	Bromide	< 20	20
KAFB-106S9-447	GWS9-447-203	7/25/2020	N	INITIAL	1	NONE	410-7458-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106S9-447	GWS9-447-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK	Alkalinity, total (as CaCO3)	280	280
KAFB-106S9-447	GWS9-447-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	280	280
KAFB-106S9-447	GWS9-447-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S9-447	GWS9-447-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7439-95-4	Magnesium	28	28
KAFB-106S9-447	GWS9-447-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-09-7	Potassium	4.4	4.4
KAFB-106S9-447	GWS9-447-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-23-5	Sodium	42	42
KAFB-106S9-447	GWS9-447-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-70-2	Calcium	190	190
KAFB-106S9-447	GWS9-447-203	7/15/2020	D	INITIAL	1	METHOD	410-7458-1	7439-89-6	Iron	0.5	0.5
KAFB-106S9-447	GWS9-447-203	7/15/2020	D	INITIAL	1	METHOD	410-7458-1	7439-96-5	Manganese	1.5	1.5
KAFB-106S9-447	GWS9-447-203	7/28/2020	T	INITIAL	1	SW3020A	410-7458-1	7439-92-1	Lead	0.00014	0.00014
KAFB-106S9-447	GWS9-447-203	7/28/2020	T	INITIAL	1	SW3020A	410-7458-1	7440-38-2	Arsenic	0.0015	0.0015
KAFB-106S9-447	GWS9-447-203	7/23/2020	N	INITIAL	1	METHOD	410-7458-1	106-93-4	1,2-Dibromoethane	0.21	0.21
KAFB-106S9-447	GWS9-447-203	7/20/2020	N	INITIAL	10	NONE	410-7458-1	100-41-4	Ethylbenzene	620	620
KAFB-106S9-447	GWS9-447-203	7/20/2020	N	INITIAL	10	NONE	410-7458-1	108-88-3	Toluene	1700	1700
KAFB-106S9-447	GWS9-447-203	7/20/2020	N	INITIAL	10	NONE	410-7458-1	1330-20-7	Xylenes, total	1300	1300
KAFB-106S9-447	GWS9-447-203	7/20/2020	N	REANALYSIS	100	NONE	410-7458-1	71-43-2	Benzene	4200	4200
KAFB-106151-484	GW151-484-203	7/14/2020	N	INITIAL	100	NONE	410-7458-1	14808-79-8	Sulfate	350	350
KAFB-106151-484	GW151-484-203	7/14/2020	N	INITIAL	100	NONE	410-7458-1	16887-00-6	Chloride	71	71
KAFB-106151-484	GW151-484-203	7/14/2020	N	INITIAL	100	NONE	410-7458-1	24959-67-9	Bromide	< 40	40
KAFB-106151-484	GW151-484-203	7/25/2020	N	INITIAL	1	NONE	410-7458-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106151-484	GW151-484-203	7/14/2020	N	INITIAL	1	NONE	410-7458-1	ALK	Alkalinity, total (as CaCO3)	160	160
KAFB-106151-484	GW151-484-203	7/14/2020	N	INITIAL	1	NONE	410-7458-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	160	160
KAFB-106151-484	GW151-484-203	7/14/2020	N	INITIAL	1	NONE	410-7458-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106151-484	GW151-484-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7439-95-4	Magnesium	26	26
KAFB-106151-484	GW151-484-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-09-7	Potassium	4.4	4.4
KAFB-106151-484	GW151-484-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-23-5	Sodium	42	42
KAFB-106151-484	GW151-484-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-70-2	Calcium	190	190
KAFB-106151-484	GW151-484-203	7/15/2020	D	INITIAL	1	METHOD	410-7458-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106151-484	GW151-484-203	7/15/2020	D	INITIAL	1	METHOD	410-7458-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106151-484	GW151-484-203	7/28/2020	T	INITIAL	1	SW3020A	410-7458-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106151-484	GW151-484-203	7/28/2020	T	INITIAL	1	SW3020A	410-7458-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106151-484	GW151-484-203	7/23/2020	N	INITIAL	1	METHOD	410-7458-1	106-93-4	1,2-Dibromoethane	0.023	0.023
KAFB-106153-484	GW153-484-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106153-484	GW153-484-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	16887-00-6	Chloride	13	13
KAFB-106153-484	GW153-484-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	24959-67-9	Bromide	1.3	1.3
KAFB-106153-484	GW153-484-203	7/25/2020	N	INITIAL	1	NONE	410-7458-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106153-484	GW153-484-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK	Alkalinity, total (as CaCO3)	350	350
KAFB-106153-484	GW153-484-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	350	350
KAFB-106153-484	GW153-484-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106153-484	GW153-484-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7439-95-4	Magnesium	19	19
KAFB-106153-484	GW153-484-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-09-7	Potassium	3.5	3.5
KAFB-106153-484	GW153-484-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-23-5	Sodium	37	37
KAFB-106153-484	GW153-484-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-70-2	Calcium	130	130
KAFB-106153-484	GW153-484-203	7/15/2020	D	INITIAL	1	METHOD	410-7458-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106153-484	GW153-484-203	7/15/2020	D	INITIAL	1	METHOD	410-7458-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106153-484	GW153-484-203	7/20/2020	T	INITIAL	1	SW3020A	410-7458-1	7439-92-1	Lead	0.00011	0.00011
KAFB-106153-484	GW153-484-203	8/4/2020	T	INITIAL	1	SW3020A	410-7458-1	7440-38-2	Arsenic	0.002	0.002
KAFB-106153-484	GW153-484-203	7/29/2020	N	INITIAL	200	METHOD	410-7458-1	106-93-4	1,2-Dibromoethane	30	30
KAFB-106S8-451	GWS8-451-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	14808-79-8	Sulfate	5	5
KAFB-106S8-451	GWS8-451-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	16887-00-6	Chloride	11	11
KAFB-106S8-451	GWS8-451-203	7/14/2020	N	INITIAL	5	NONE	410-7458-1	24959-67-9	Bromide	< 2	2
KAFB-106S8-451	GWS8-451-203	7/25/2020	N	INITIAL	1	NONE	410-7458-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106S8-451	GWS8-451-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK	Alkalinity, total (as CaCO3)	460	460
KAFB-106S8-451	GWS8-451-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	460	460
KAFB-106S8-451	GWS8-451-203	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106S8-451	GWS8-451-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7439-95-4	Magnesium	28	28
KAFB-106S8-451	GWS8-451-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-09-7	Potassium	4.2	4.2
KAFB-106S8-451	GWS8-451-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-23-5	Sodium	43	43

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S8-451	GWS8-451-203	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-70-2	Calcium	190	190
KAFB-106S8-451	GWS8-451-203	7/15/2020	D	INITIAL	1	METHOD	410-7458-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106S8-451	GWS8-451-203	7/15/2020	D	INITIAL	1	METHOD	410-7458-1	7439-96-5	Manganese	4.9	4.9
KAFB-106S8-451	GWS8-451-203	7/28/2020	T	INITIAL	1	SW3020A	410-7458-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106S8-451	GWS8-451-203	7/28/2020	T	INITIAL	1	SW3020A	410-7458-1	7440-38-2	Arsenic	0.0034	0.0034
KAFB-106S8-451	GWS8-451-203	7/29/2020	N	INITIAL	2000	METHOD	410-7458-1	106-93-4	1,2-Dibromoethane	310	310
KAFB-106S8-451	GWS8-451-203	7/20/2020	N	INITIAL	100	NONE	410-7458-1	100-41-4	Ethylbenzene	150	150
KAFB-106S8-451	GWS8-451-203	7/20/2020	N	INITIAL	100	NONE	410-7458-1	108-88-3	Toluene	3300	3300
KAFB-106S8-451	GWS8-451-203	7/20/2020	N	INITIAL	100	NONE	410-7458-1	1330-20-7	Xylenes, total	2000	2000
KAFB-106S8-451	GWS8-451-203	7/20/2020	N	INITIAL	100	NONE	410-7458-1	71-43-2	Benzene	5000	5000
KAFB-106S8-451	GWS8-451-603	7/14/2020	N	INITIAL	5	NONE	410-7458-1	14808-79-8	Sulfate	5.1	5.1
KAFB-106S8-451	GWS8-451-603	7/14/2020	N	INITIAL	5	NONE	410-7458-1	16887-00-6	Chloride	9.2	9.2
KAFB-106S8-451	GWS8-451-603	7/14/2020	N	INITIAL	5	NONE	410-7458-1	24959-67-9	Bromide	< 2	2
KAFB-106S8-451	GWS8-451-603	7/25/2020	N	INITIAL	1	NONE	410-7458-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106S8-451	GWS8-451-603	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK	Alkalinity, total (as CaCO3)	440	440
KAFB-106S8-451	GWS8-451-603	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	440	440
KAFB-106S8-451	GWS8-451-603	7/13/2020	N	INITIAL	1	NONE	410-7458-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106S8-451	GWS8-451-603	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7439-95-4	Magnesium	27	27
KAFB-106S8-451	GWS8-451-603	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-09-7	Potassium	4.1	4.1
KAFB-106S8-451	GWS8-451-603	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-23-5	Sodium	43	43
KAFB-106S8-451	GWS8-451-603	7/14/2020	T	INITIAL	1	SW3005	410-7458-1	7440-70-2	Calcium	190	190
KAFB-106S8-451	GWS8-451-603	7/15/2020	D	INITIAL	1	METHOD	410-7458-1	7439-89-6	Iron	0.29	0.29
KAFB-106S8-451	GWS8-451-603	7/15/2020	D	INITIAL	1	METHOD	410-7458-1	7439-96-5	Manganese	5.1	5.1
KAFB-106S8-451	GWS8-451-603	7/28/2020	T	INITIAL	1	SW3020A	410-7458-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106S8-451	GWS8-451-603	7/28/2020	T	INITIAL	1	SW3020A	410-7458-1	7440-38-2	Arsenic	0.0034	0.0034
KAFB-106S8-451	GWS8-451-603	7/29/2020	N	INITIAL	2000	METHOD	410-7458-1	106-93-4	1,2-Dibromoethane	370	370
KAFB-106S8-451	GWS8-451-603	7/18/2020	N	INITIAL	50	NONE	410-7458-1	100-41-4	Ethylbenzene	150	150
KAFB-106S8-451	GWS8-451-603	7/18/2020	N	INITIAL	50	NONE	410-7458-1	108-88-3	Toluene	3200	3200
KAFB-106S8-451	GWS8-451-603	7/18/2020	N	INITIAL	50	NONE	410-7458-1	1330-20-7	Xylenes, total	2000	2000
KAFB-106S8-451	GWS8-451-603	7/18/2020	N	INITIAL	50	NONE	410-7458-1	71-43-2	Benzene	4800	4800
KAFB-106005	GW005-203	7/16/2020	N	INITIAL	5	NONE	410-7707-1	24959-67-9	Bromide	3.2	3.2
KAFB-106005	GW005-203	7/16/2020	N	INITIAL	50	NONE	410-7707-1	14808-79-8	Sulfate	95	95
KAFB-106005	GW005-203	7/16/2020	N	INITIAL	50	NONE	410-7707-1	16887-00-6	Chloride	200	200
KAFB-106005	GW005-203	7/25/2020	N	INITIAL	1	NONE	410-7707-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106005	GW005-203	7/16/2020	N	INITIAL	1	NONE	410-7707-1	ALK	Alkalinity, total (as CaCO3)	310	310
KAFB-106005	GW005-203	7/16/2020	N	INITIAL	1	NONE	410-7707-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	310	310
KAFB-106005	GW005-203	7/16/2020	N	INITIAL	1	NONE	410-7707-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106005	GW005-203	7/21/2020	T	INITIAL	1	SW3005	410-7707-1	7439-95-4	Magnesium	29	29
KAFB-106005	GW005-203	7/21/2020	T	INITIAL	1	SW3005	410-7707-1	7440-23-5	Sodium	70	70
KAFB-106005	GW005-203	7/21/2020	T	INITIAL	1	SW3005	410-7707-1	7440-70-2	Calcium	160	160
KAFB-106005	GW005-203	7/21/2020	T	INITIAL	1	SW3005	410-7707-1	7440-09-7	Potassium	4.4	4.4
KAFB-106005	GW005-203	7/22/2020	D	INITIAL	1	METHOD	410-7707-1	7439-89-6	Iron	0.17	0.17
KAFB-106005	GW005-203	7/22/2020	D	INITIAL	1	METHOD	410-7707-1	7439-96-5	Manganese	1.6	1.6
KAFB-106005	GW005-203	7/28/2020	T	INITIAL	1	SW3020A	410-7707-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106005	GW005-203	7/28/2020	T	INITIAL	1	SW3020A	410-7707-1	7440-38-2	Arsenic	0.00097	0.00097
KAFB-106005	GW005-203	7/30/2020	N	INITIAL	20	METHOD	410-7707-1	106-93-4	1,2-Dibromoethane	1.9	1.9
KAFB-106005	GW005-203	7/21/2020	N	INITIAL	2	NONE	410-7707-1	100-41-4	Ethylbenzene	220	220
KAFB-106005	GW005-203	7/21/2020	N	INITIAL	2	NONE	410-7707-1	1330-20-7	Xylenes, total	840	840
KAFB-106005	GW005-203	7/21/2020	N	REANALYSIS	20	NONE	410-7707-1	108-88-3	Toluene	1800	1800
KAFB-106005	GW005-203	7/21/2020	N	REANALYSIS	20	NONE	410-7707-1	71-43-2	Benzene	1700	1700
KAFB-106012R	GW012R-203	7/16/2020	N	INITIAL	5	NONE	410-7707-1	24959-67-9	Bromide	< 2.0	2
KAFB-106012R	GW012R-203	7/16/2020	N	INITIAL	500	NONE	410-7707-1	14808-79-8	Sulfate	390	390
KAFB-106012R	GW012R-203	7/16/2020	N	INITIAL	500	NONE	410-7707-1	16887-00-6	Chloride	200	200
KAFB-106012R	GW012R-203	7/27/2020	N	INITIAL	5	NONE	410-7707-1	NNN	Nitrogen as nitrate + nitrite	3.9	3.9
KAFB-106012R	GW012R-203	7/16/2020	N	INITIAL	1	NONE	410-7707-1	ALK	Alkalinity, total (as CaCO3)	110	110

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106012R	GW012R-203	7/16/2020	N	INITIAL	1	NONE	410-7707-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106012R	GW012R-203	7/16/2020	N	INITIAL	1	NONE	410-7707-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106012R	GW012R-203	7/21/2020	T	INITIAL	1	SW3005	410-7707-1	7439-95-4	Magnesium	23	23
KAFB-106012R	GW012R-203	7/21/2020	T	INITIAL	1	SW3005	410-7707-1	7440-23-5	Sodium	63	63
KAFB-106012R	GW012R-203	7/21/2020	T	INITIAL	1	SW3005	410-7707-1	7440-70-2	Calcium	150	150
KAFB-106012R	GW012R-203	7/21/2020	T	INITIAL	1	SW3005	410-7707-1	7440-09-7	Potassium	4.6	4.6
KAFB-106012R	GW012R-203	7/23/2020	D	INITIAL	1	METHOD	410-7707-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106012R	GW012R-203	7/23/2020	D	INITIAL	1	METHOD	410-7707-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106012R	GW012R-203	7/28/2020	T	INITIAL	1	SW3020A	410-7707-1	7439-92-1	Lead	0.0019	0.0019
KAFB-106012R	GW012R-203	7/28/2020	T	INITIAL	1	SW3020A	410-7707-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106012R	GW012R-203	7/29/2020	N	INITIAL	1	METHOD	410-7707-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106012R	GW012R-203	7/21/2020	N	INITIAL	1	NONE	410-7707-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106012R	GW012R-203	7/21/2020	N	INITIAL	1	NONE	410-7707-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106012R	GW012R-203	7/21/2020	N	INITIAL	1	NONE	410-7707-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106012R	GW012R-203	7/21/2020	N	INITIAL	1	NONE	410-7707-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106012R	GW012R-603	7/16/2020	N	INITIAL	5	NONE	410-7707-1	24959-67-9	Bromide	< 2.0	2
KAFB-106012R	GW012R-603	7/16/2020	N	INITIAL	500	NONE	410-7707-1	14808-79-8	Sulfate	400	400
KAFB-106012R	GW012R-603	7/16/2020	N	INITIAL	500	NONE	410-7707-1	16887-00-6	Chloride	190	190
KAFB-106012R	GW012R-603	7/27/2020	N	INITIAL	2	NONE	410-7707-1	NNN	Nitrogen as nitrate + nitrite	4.2	4.2
KAFB-106012R	GW012R-603	7/16/2020	N	INITIAL	1	NONE	410-7707-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106012R	GW012R-603	7/16/2020	N	INITIAL	1	NONE	410-7707-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106012R	GW012R-603	7/16/2020	N	INITIAL	1	NONE	410-7707-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106012R	GW012R-603	7/21/2020	T	INITIAL	1	SW3005	410-7707-1	7439-95-4	Magnesium	24	24
KAFB-106012R	GW012R-603	7/21/2020	T	INITIAL	1	SW3005	410-7707-1	7440-23-5	Sodium	64	64
KAFB-106012R	GW012R-603	7/21/2020	T	INITIAL	1	SW3005	410-7707-1	7440-70-2	Calcium	160	160
KAFB-106012R	GW012R-603	7/21/2020	T	INITIAL	1	SW3005	410-7707-1	7440-09-7	Potassium	4.6	4.6
KAFB-106012R	GW012R-603	7/22/2020	D	INITIAL	1	METHOD	410-7707-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106012R	GW012R-603	7/22/2020	D	INITIAL	1	METHOD	410-7707-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106012R	GW012R-603	7/28/2020	T	INITIAL	1	SW3020A	410-7707-1	7439-92-1	Lead	0.0016	0.0016
KAFB-106012R	GW012R-603	7/28/2020	T	INITIAL	1	SW3020A	410-7707-1	7440-38-2	Arsenic	0.00070	0.0007
KAFB-106012R	GW012R-603	7/24/2020	N	INITIAL	1	METHOD	410-7707-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106012R	GW012R-603	7/21/2020	N	INITIAL	1	NONE	410-7707-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106012R	GW012R-603	7/21/2020	N	INITIAL	1	NONE	410-7707-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106012R	GW012R-603	7/21/2020	N	INITIAL	1	NONE	410-7707-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106012R	GW012R-603	7/21/2020	N	INITIAL	1	NONE	410-7707-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106101	GW101-203	7/31/2020	N	INITIAL	1	METHOD	410-8076-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106101	GW101-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106101	GW101-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106101	GW101-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106101	GW101-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106102	GW102-203	7/31/2020	N	INITIAL	1	METHOD	410-8076-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106102	GW102-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106102	GW102-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106102	GW102-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106102	GW102-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106003	GW003-203	7/31/2020	N	INITIAL	1	METHOD	410-8076-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106003	GW003-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106003	GW003-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106003	GW003-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106003	GW003-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106013	GW013-203	7/24/2020	N	INITIAL	1	METHOD	410-8076-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106013	GW013-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106013	GW013-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106013	GW013-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106013	GW013-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	71-43-2	Benzene	< 0.5	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106098	GW098-203	7/31/2020	N	INITIAL	1	METHOD	410-8076-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106098	GW098-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106098	GW098-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106098	GW098-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106098	GW098-203	7/28/2020	N	INITIAL	1	NONE	410-8076-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106097	GW097-203	8/4/2020	N	INITIAL	1	METHOD	410-8076-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106097	GW097-203	7/29/2020	N	INITIAL	1	NONE	410-8076-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106097	GW097-203	7/29/2020	N	INITIAL	1	NONE	410-8076-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106097	GW097-203	7/29/2020	N	INITIAL	1	NONE	410-8076-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106097	GW097-203	7/29/2020	N	INITIAL	1	NONE	410-8076-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106004	GW004-203	7/31/2020	N	INITIAL	1	METHOD	410-8076-1	106-93-4	1,2-Dibromoethane	< 0.02	0.02
KAFB-106004	GW004-203	7/30/2020	N	INITIAL	1	NONE	410-8076-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106004	GW004-203	7/30/2020	N	INITIAL	1	NONE	410-8076-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106004	GW004-203	7/30/2020	N	INITIAL	1	NONE	410-8076-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106004	GW004-203	7/30/2020	N	INITIAL	1	NONE	410-8076-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106100	GW100-203	7/31/2020	N	INITIAL	1	METHOD	410-8076-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106100	GW100-203	7/29/2020	N	INITIAL	1	NONE	410-8076-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106100	GW100-203	7/29/2020	N	INITIAL	1	NONE	410-8076-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106100	GW100-203	7/29/2020	N	INITIAL	1	NONE	410-8076-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106100	GW100-203	7/29/2020	N	INITIAL	1	NONE	410-8076-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106099	GW099-203	7/31/2020	N	INITIAL	1	METHOD	410-8076-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106099	GW099-203	7/29/2020	N	INITIAL	1	NONE	410-8076-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106099	GW099-203	7/29/2020	N	INITIAL	1	NONE	410-8076-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106099	GW099-203	7/29/2020	N	INITIAL	1	NONE	410-8076-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106099	GW099-203	7/29/2020	N	INITIAL	1	NONE	410-8076-1	71-43-2	Benzene	< 0.5	0.5
KAFB-0508-MW	GW0508-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7439-95-4	Magnesium	6.7	6.7
KAFB-0508-MW	GW0508-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-0508-MW	GW0508-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7440-09-7	Potassium	2	2
KAFB-0508-MW	GW0508-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7440-23-5	Sodium	25	25
KAFB-0508-MW	GW0508-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7440-39-3	Barium	0.11	0.11
KAFB-0508-MW	GW0508-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7440-70-2	Calcium	46	46
KAFB-0508-MW	GW0508-203	8/16/2020	D	INITIAL	1	METHOD	410-8885-1	7440-38-2	Arsenic	0.001	0.001
KAFB-0508-MW	GW0508-203	8/18/2020	D	INITIAL	1	METHOD	410-8885-1	7440-24-6	Strontium	0.33	0.33
KAFB-0508-MW	GW0508-203	8/4/2020	N	INITIAL	1	METHOD	410-8885-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-0508-MW	GW0508-203	8/10/2020	N	INITIAL	1	NONE	410-8885-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-0508-MW	GW0508-203	8/10/2020	N	INITIAL	1	NONE	410-8885-1	108-88-3	Toluene	4.1	4.1
KAFB-0508-MW	GW0508-203	8/10/2020	N	INITIAL	1	NONE	410-8885-1	1330-20-7	Xylenes, total	< 2	2
KAFB-0508-MW	GW0508-203	8/10/2020	N	INITIAL	1	NONE	410-8885-1	71-43-2	Benzene	< 0.5	0.5
KAFB-0508-MW	GW0508-203	8/12/2020	N	INITIAL	10	NONE	410-8885-1	7631-86-9	Silica	30	30
KAFB-0508-MW	GW0508-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7429-90-5	Aluminum	< 0.16	0.16
KAFB-0508-MW	GW0508-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7439-89-6	Iron	< 0.1	0.1
KAFB-0505	GW0505-203	8/12/2020	N	INITIAL	10	NONE	410-8885-1	7631-86-9	Silica	26	26
KAFB-0505	GW0505-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7429-90-5	Aluminum	< 0.16	0.16
KAFB-0505	GW0505-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7439-89-6	Iron	< 0.1	0.1
KAFB-0505	GW0505-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7439-95-4	Magnesium	13	13
KAFB-0505	GW0505-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-0505	GW0505-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7440-09-7	Potassium	2.5	2.5
KAFB-0505	GW0505-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7440-23-5	Sodium	28	28
KAFB-0505	GW0505-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7440-39-3	Barium	0.075	0.075
KAFB-0505	GW0505-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7440-70-2	Calcium	73	73
KAFB-0505	GW0505-203	8/16/2020	D	INITIAL	1	METHOD	410-8885-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-0505	GW0505-203	8/18/2020	D	INITIAL	1	METHOD	410-8885-1	7440-24-6	Strontium	0.51	0.51
KAFB-0505	GW0505-203	8/4/2020	N	INITIAL	1	METHOD	410-8885-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-0505	GW0505-203	8/9/2020	N	INITIAL	1	NONE	410-8885-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-0505	GW0505-203	8/9/2020	N	INITIAL	1	NONE	410-8885-1	108-88-3	Toluene	2.1	2.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-0505	GW0505-203	8/9/2020	N	INITIAL	1	NONE	410-8885-1	1330-20-7	Xylenes, total	< 2	2
KAFB-0505	GW0505-203	8/9/2020	N	INITIAL	1	NONE	410-8885-1	71-43-2	Benzene	< 0.5	0.5
ST105MW507R	GW0507R-203	8/12/2020	N	INITIAL	10	NONE	410-8885-1	7631-86-9	Silica	27	27
ST105MW507R	GW0507R-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7429-90-5	Aluminum	< 0.16	0.16
ST105MW507R	GW0507R-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7439-89-6	Iron	< 0.1	0.1
ST105MW507R	GW0507R-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7439-95-4	Magnesium	11	11
ST105MW507R	GW0507R-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7439-96-5	Manganese	< 0.0052	0.0052
ST105MW507R	GW0507R-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7440-09-7	Potassium	2.3	2.3
ST105MW507R	GW0507R-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7440-23-5	Sodium	29	29
ST105MW507R	GW0507R-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7440-39-3	Barium	0.063	0.063
ST105MW507R	GW0507R-203	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7440-70-2	Calcium	73	73
ST105MW507R	GW0507R-203	8/16/2020	D	INITIAL	1	METHOD	410-8885-1	7440-38-2	Arsenic	< 0.0016	0.0016
ST105MW507R	GW0507R-203	8/18/2020	D	INITIAL	1	METHOD	410-8885-1	7440-24-6	Strontium	0.46	0.46
ST105MW507R	GW0507R-203	8/4/2020	N	INITIAL	1	METHOD	410-8885-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
ST105MW507R	GW0507R-203	8/10/2020	N	INITIAL	1	NONE	410-8885-1	100-41-4	Ethylbenzene	< 0.8	0.8
ST105MW507R	GW0507R-203	8/10/2020	N	INITIAL	1	NONE	410-8885-1	108-88-3	Toluene	1.7	1.7
ST105MW507R	GW0507R-203	8/10/2020	N	INITIAL	1	NONE	410-8885-1	1330-20-7	Xylenes, total	< 2	2
ST105MW507R	GW0507R-203	8/10/2020	N	INITIAL	1	NONE	410-8885-1	71-43-2	Benzene	< 0.5	0.5
ST105MW507R	GW0507R-603	8/12/2020	N	INITIAL	10	NONE	410-8885-1	7631-86-9	Silica	27	27
ST105MW507R	GW0507R-603	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7429-90-5	Aluminum	< 0.16	0.16
ST105MW507R	GW0507R-603	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7439-89-6	Iron	< 0.1	0.1
ST105MW507R	GW0507R-603	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7439-95-4	Magnesium	11	11
ST105MW507R	GW0507R-603	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7439-96-5	Manganese	< 0.0052	0.0052
ST105MW507R	GW0507R-603	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7440-09-7	Potassium	2.3	2.3
ST105MW507R	GW0507R-603	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7440-23-5	Sodium	28	28
ST105MW507R	GW0507R-603	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7440-39-3	Barium	0.063	0.063
ST105MW507R	GW0507R-603	8/3/2020	D	INITIAL	1	METHOD	410-8885-1	7440-70-2	Calcium	72	72
ST105MW507R	GW0507R-603	8/16/2020	D	INITIAL	1	METHOD	410-8885-1	7440-38-2	Arsenic	< 0.0016	0.0016
ST105MW507R	GW0507R-603	8/18/2020	D	INITIAL	1	METHOD	410-8885-1	7440-24-6	Strontium	0.46	0.46
ST105MW507R	GW0507R-603	8/4/2020	N	INITIAL	1	METHOD	410-8885-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
ST105MW507R	GW0507R-603	8/10/2020	N	INITIAL	1	NONE	410-8885-1	100-41-4	Ethylbenzene	< 0.8	0.8
ST105MW507R	GW0507R-603	8/10/2020	N	INITIAL	1	NONE	410-8885-1	108-88-3	Toluene	1.7	1.7
ST105MW507R	GW0507R-603	8/10/2020	N	INITIAL	1	NONE	410-8885-1	1330-20-7	Xylenes, total	< 2	2
ST105MW507R	GW0507R-603	8/10/2020	N	INITIAL	1	NONE	410-8885-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106011	GW011-204	10/8/2020	N	INITIAL	50	NONE	410-15842-1	14808-79-8	Sulfate	120	120
KAFB-106011	GW011-204	10/8/2020	N	INITIAL	50	NONE	410-15842-1	16887-00-6	Chloride	98	98
KAFB-106011	GW011-204	10/8/2020	N	INITIAL	50	NONE	410-15842-1	24959-67-9	Bromide	< 20	20
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	10	NONE	410-15842-1	NNN	Nitrogen as nitrate + nitrite	2.8	2.8
KAFB-106011	GW011-204	10/5/2020	N	INITIAL	1	NONE	410-15842-1	ALK	Alkalinity, total (as CaCO3)	160	160
KAFB-106011	GW011-204	10/5/2020	N	INITIAL	1	NONE	410-15842-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	160	160
KAFB-106011	GW011-204	10/5/2020	N	INITIAL	1	NONE	410-15842-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106011	GW011-204	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7439-95-4	Magnesium	16	16
KAFB-106011	GW011-204	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7440-09-7	Potassium	3.4	3.4
KAFB-106011	GW011-204	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7440-23-5	Sodium	37	37
KAFB-106011	GW011-204	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7440-70-2	Calcium	110	110
KAFB-106011	GW011-204	10/7/2020	D	INITIAL	1	METHOD	410-15842-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106011	GW011-204	10/7/2020	D	INITIAL	1	METHOD	410-15842-1	7439-96-5	Manganese	0.015	0.015
KAFB-106011	GW011-204	10/5/2020	T	INITIAL	1	SW3020A	410-15842-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106011	GW011-204	10/5/2020	T	INITIAL	1	SW3020A	410-15842-1	7440-38-2	Arsenic	0.00071	0.00071
KAFB-106011	GW011-204	10/14/2020	N	INITIAL	1	METHOD	410-15842-1	106-93-4	1,2-Dibromoethane	0.018	0.018
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	103-65-1	n-Propylbenzene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	107-02-8	Acrolein	< 5.0	5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	107-06-2	1,2-Dichloroethane	0.38	0.38
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	135-98-8	sec-Butylbenzene	1.1	1.1
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	67-64-1	Acetone	8.3	8.3
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-09-2	Methylene chloride	0.41	0.41
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-25-2	Bromoform	< 2.0	2
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	91-20-3	Naphthalene	< 2.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	98-82-8	Isopropylbenzene	6.8	6.8
KAFB-106011	GW011-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106044	GW044-204	10/7/2020	N	INITIAL	5	NONE	410-15842-1	14808-79-8	Sulfate	31	31
KAFB-106044	GW044-204	10/7/2020	N	INITIAL	5	NONE	410-15842-1	24959-67-9	Bromide	< 2.0	2
KAFB-106044	GW044-204	10/7/2020	N	INITIAL	50	NONE	410-15842-1	16887-00-6	Chloride	22	22
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	NNN	Nitrogen as nitrate + nitrite	1.9	1.9
KAFB-106044	GW044-204	10/5/2020	N	INITIAL	1	NONE	410-15842-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106044	GW044-204	10/5/2020	N	INITIAL	1	NONE	410-15842-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106044	GW044-204	10/5/2020	N	INITIAL	1	NONE	410-15842-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106044	GW044-204	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7439-95-4	Magnesium	4.9	4.9
KAFB-106044	GW044-204	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7440-23-5	Sodium	21	21
KAFB-106044	GW044-204	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7440-70-2	Calcium	37	37
KAFB-106044	GW044-204	10/9/2020	T	INITIAL	1	SW3005	410-15842-1	7440-09-7	Potassium	2.2	2.2
KAFB-106044	GW044-204	10/12/2020	D	INITIAL	1	METHOD	410-15842-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106044	GW044-204	10/12/2020	D	INITIAL	1	METHOD	410-15842-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106044	GW044-204	10/5/2020	T	INITIAL	1	SW3020A	410-15842-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106044	GW044-204	10/5/2020	T	INITIAL	1	SW3020A	410-15842-1	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106044	GW044-204	10/14/2020	N	INITIAL	1	METHOD	410-15842-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	107-02-8	Acrolein	< 5.0	5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	56-23-5	Carbon tetrachloride	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	67-64-1	Acetone	< 2.0	2
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-25-2	Bromoform	< 2.0	2
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106044	GW044-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106044	GW044-604	10/7/2020	N	INITIAL	5	NONE	410-15842-1	14808-79-8	Sulfate	30	30
KAFB-106044	GW044-604	10/7/2020	N	INITIAL	5	NONE	410-15842-1	24959-67-9	Bromide	< 2.0	2
KAFB-106044	GW044-604	10/7/2020	N	INITIAL	50	NONE	410-15842-1	16887-00-6	Chloride	24	24
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	NNN	Nitrogen as nitrate + nitrite	1.9	1.9
KAFB-106044	GW044-604	10/5/2020	N	INITIAL	1	NONE	410-15842-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106044	GW044-604	10/5/2020	N	INITIAL	1	NONE	410-15842-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106044	GW044-604	10/5/2020	N	INITIAL	1	NONE	410-15842-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106044	GW044-604	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7439-95-4	Magnesium	5.2	5.2
KAFB-106044	GW044-604	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7440-09-7	Potassium	2.2	2.2
KAFB-106044	GW044-604	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7440-23-5	Sodium	21	21
KAFB-106044	GW044-604	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7440-70-2	Calcium	35	35
KAFB-106044	GW044-604	10/12/2020	D	INITIAL	1	METHOD	410-15842-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106044	GW044-604	10/12/2020	D	INITIAL	1	METHOD	410-15842-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106044	GW044-604	10/5/2020	T	INITIAL	1	SW3020A	410-15842-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106044	GW044-604	10/5/2020	T	INITIAL	1	SW3020A	410-15842-1	7440-38-2	Arsenic	0.0013	0.0013
KAFB-106044	GW044-604	10/14/2020	N	INITIAL	1	METHOD	410-15842-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	107-02-8	Acrolein	< 5.0	5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	67-64-1	Acetone	< 2.0	2
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-25-2	Bromoform	< 2.0	2
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106044	GW044-604	10/13/2020	N	INITIAL	1	NONE	410-15842-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106027	GW027-204	10/7/2020	N	INITIAL	5	NONE	410-15842-1	14808-79-8	Sulfate	29	29
KAFB-106027	GW027-204	10/7/2020	N	INITIAL	5	NONE	410-15842-1	24959-67-9	Bromide	< 2.0	2
KAFB-106027	GW027-204	10/8/2020	N	INITIAL	50	NONE	410-15842-1	16887-00-6	Chloride	16	16
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	NNN	Nitrogen as nitrate + nitrite	1.6	1.6
KAFB-106027	GW027-204	10/5/2020	N	INITIAL	1	NONE	410-15842-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106027	GW027-204	10/5/2020	N	INITIAL	1	NONE	410-15842-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106027	GW027-204	10/5/2020	N	INITIAL	1	NONE	410-15842-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106027	GW027-204	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7439-95-4	Magnesium	5.9	5.9
KAFB-106027	GW027-204	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7440-09-7	Potassium	2.2	2.2
KAFB-106027	GW027-204	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7440-23-5	Sodium	22	22
KAFB-106027	GW027-204	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7440-70-2	Calcium	39	39
KAFB-106027	GW027-204	10/7/2020	D	INITIAL	1	METHOD	410-15842-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106027	GW027-204	10/7/2020	D	INITIAL	1	METHOD	410-15842-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106027	GW027-204	10/5/2020	T	INITIAL	1	SW3020A	410-15842-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106027	GW027-204	10/5/2020	T	INITIAL	1	SW3020A	410-15842-1	7440-38-2	Arsenic	0.00087	0.00087
KAFB-106027	GW027-204	10/14/2020	N	INITIAL	1	METHOD	410-15842-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	107-02-8	Acrolein	< 5.0	5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	67-64-1	Acetone	< 2.0	2
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-25-2	Bromoform	< 2.0	2
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106027	GW027-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106016	GW016-204	10/7/2020	N	INITIAL	5	NONE	410-15842-1	14808-79-8	Sulfate	27	27
KAFB-106016	GW016-204	10/7/2020	N	INITIAL	5	NONE	410-15842-1	24959-67-9	Bromide	< 2.0	2
KAFB-106016	GW016-204	10/7/2020	N	INITIAL	50	NONE	410-15842-1	16887-00-6	Chloride	16	16
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	NNN	Nitrogen as nitrate + nitrite	0.088	0.088
KAFB-106016	GW016-204	10/5/2020	N	INITIAL	1	NONE	410-15842-1	ALK	Alkalinity, total (as CaCO3)	130	130
KAFB-106016	GW016-204	10/5/2020	N	INITIAL	1	NONE	410-15842-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	130	130
KAFB-106016	GW016-204	10/5/2020	N	INITIAL	1	NONE	410-15842-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106016	GW016-204	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7439-95-4	Magnesium	6.0	6
KAFB-106016	GW016-204	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7440-09-7	Potassium	2.2	2.2
KAFB-106016	GW016-204	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7440-23-5	Sodium	20	20
KAFB-106016	GW016-204	10/5/2020	T	INITIAL	1	SW3005	410-15842-1	7440-70-2	Calcium	39	39

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106016	GW016-204	10/7/2020	D	INITIAL	1	METHOD	410-15842-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106016	GW016-204	10/7/2020	D	INITIAL	1	METHOD	410-15842-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106016	GW016-204	10/5/2020	T	INITIAL	1	SW3020A	410-15842-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106016	GW016-204	10/5/2020	T	INITIAL	1	SW3020A	410-15842-1	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106016	GW016-204	10/14/2020	N	INITIAL	1	METHOD	410-15842-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	107-02-8	Acrolein	< 5.0	5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	67-64-1	Acetone	< 2.0	2
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-25-2	Bromoform	< 2.0	2
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106016	GW016-204	10/13/2020	N	INITIAL	1	NONE	410-15842-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/7/2020	N	INITIAL	5	NONE	410-15948-1	24959-67-9	Bromide	1.7	1.7
KAFB-106012R	GW012R-204	10/7/2020	N	INITIAL	50	NONE	410-15948-1	14808-79-8	Sulfate	300	300
KAFB-106012R	GW012R-204	10/7/2020	N	INITIAL	50	NONE	410-15948-1	16887-00-6	Chloride	170	170
KAFB-106012R	GW012R-204	10/14/2020	N	INITIAL	5	NONE	410-15948-1	NNN	Nitrogen as nitrate + nitrite	4.5	4.5
KAFB-106012R	GW012R-204	10/5/2020	N	INITIAL	1	NONE	410-15948-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106012R	GW012R-204	10/5/2020	N	INITIAL	1	NONE	410-15948-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106012R	GW012R-204	10/5/2020	N	INITIAL	1	NONE	410-15948-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106012R	GW012R-204	10/6/2020	T	INITIAL	1	SW3005	410-15948-1	7439-95-4	Magnesium	26	26
KAFB-106012R	GW012R-204	10/6/2020	T	INITIAL	1	SW3005	410-15948-1	7440-09-7	Potassium	5.0	5
KAFB-106012R	GW012R-204	10/6/2020	T	INITIAL	1	SW3005	410-15948-1	7440-23-5	Sodium	67	67
KAFB-106012R	GW012R-204	10/6/2020	T	INITIAL	1	SW3005	410-15948-1	7440-70-2	Calcium	170	170
KAFB-106012R	GW012R-204	10/7/2020	D	INITIAL	1	METHOD	410-15948-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106012R	GW012R-204	10/7/2020	D	INITIAL	1	METHOD	410-15948-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106012R	GW012R-204	10/6/2020	T	INITIAL	1	SW3020A	410-15948-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106012R	GW012R-204	10/7/2020	T	INITIAL	1	SW3020A	410-15948-1	7439-92-1	Lead	< 0.00050	0.0005
KAFB-106012R	GW012R-204	10/12/2020	N	INITIAL	1	METHOD	410-15948-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	107-02-8	Acrolein	< 5.0	5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	124-48-1	Dibromochloromethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	67-64-1	Acetone	< 2.0	2
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-25-2	Bromoform	< 2.0	2
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106012R	GW012R-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-3411	GW3411-204	10/7/2020	N	INITIAL	5	NONE	410-15948-1	14808-79-8	Sulfate	26	26
KAFB-3411	GW3411-204	10/7/2020	N	INITIAL	5	NONE	410-15948-1	16887-00-6	Chloride	8.1	8.1
KAFB-3411	GW3411-204	10/7/2020	N	INITIAL	5	NONE	410-15948-1	24959-67-9	Bromide	< 2.0	2
KAFB-3411	GW3411-204	10/14/2020	N	INITIAL	1	NONE	410-15948-1	NNN	Nitrogen as nitrate + nitrite	0.12	0.12
KAFB-3411	GW3411-204	10/5/2020	N	INITIAL	1	NONE	410-15948-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-3411	GW3411-204	10/5/2020	N	INITIAL	1	NONE	410-15948-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-3411	GW3411-204	10/5/2020	N	INITIAL	1	NONE	410-15948-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-3411	GW3411-204	10/6/2020	T	INITIAL	1	SW3005	410-15948-1	7439-95-4	Magnesium	5.4	5.4
KAFB-3411	GW3411-204	10/6/2020	T	INITIAL	1	SW3005	410-15948-1	7440-09-7	Potassium	2.2	2.2
KAFB-3411	GW3411-204	10/6/2020	T	INITIAL	1	SW3005	410-15948-1	7440-23-5	Sodium	20	20
KAFB-3411	GW3411-204	10/6/2020	T	INITIAL	1	SW3005	410-15948-1	7440-70-2	Calcium	36	36
KAFB-3411	GW3411-204	10/7/2020	D	INITIAL	1	METHOD	410-15948-1	7439-89-6	Iron	< 0.10	0.1
KAFB-3411	GW3411-204	10/7/2020	D	INITIAL	1	METHOD	410-15948-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-3411	GW3411-204	10/6/2020	T	INITIAL	1	SW3020A	410-15948-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-3411	GW3411-204	10/7/2020	T	INITIAL	1	SW3020A	410-15948-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-3411	GW3411-204	10/12/2020	N	INITIAL	1	METHOD	410-15948-1	106-93-4	1,2-Dibromoethane	< 0.020	0.02
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	100-42-5	Styrene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	107-02-8	Acrolein	< 5.0	5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	108-88-3	Toluene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	67-64-1	Acetone	< 2.0	2
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	71-43-2	Benzene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-09-2	Methylene chloride	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-25-2	Bromoform	< 2.0	2
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	78-93-3	2-Butanone	< 1.0	1
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	91-20-3	Naphthalene	< 2.0	2
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-3411	GW3411-204	10/13/2020	N	INITIAL	1	NONE	410-15948-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106235-472	GW235-472-204	10/10/2020	N	INITIAL	5	NONE	410-16197-1	14808-79-8	Sulfate	65	65
KAFB-106235-472	GW235-472-204	10/10/2020	N	INITIAL	5	NONE	410-16197-1	24959-67-9	Bromide	< 2	2
KAFB-106235-472	GW235-472-204	10/10/2020	N	INITIAL	50	NONE	410-16197-1	16887-00-6	Chloride	54	54
KAFB-106235-472	GW235-472-204	10/22/2020	N	INITIAL	1	NONE	410-16197-1	NNN	Nitrogen as nitrate + nitrite	1	1
KAFB-106235-472	GW235-472-204	10/8/2020	N	INITIAL	1	NONE	410-16197-1	ALK	Alkalinity, total (as CaCO3)	90	90
KAFB-106235-472	GW235-472-204	10/8/2020	N	INITIAL	1	NONE	410-16197-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	90	90
KAFB-106235-472	GW235-472-204	10/8/2020	N	INITIAL	1	NONE	410-16197-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106235-472	GW235-472-204	10/9/2020	D	INITIAL	1	METHOD	410-16197-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106235-472	GW235-472-204	10/9/2020	D	INITIAL	1	METHOD	410-16197-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106235-472	GW235-472-204	10/12/2020	T	INITIAL	1	SW3005	410-16197-1	7439-95-4	Magnesium	7.2	7.2
KAFB-106235-472	GW235-472-204	10/12/2020	T	INITIAL	1	SW3005	410-16197-1	7440-70-2	Calcium	53	53
KAFB-106235-472	GW235-472-204	10/13/2020	T	INITIAL	1	SW3005	410-16197-1	7440-09-7	Potassium	3.2	3.2
KAFB-106235-472	GW235-472-204	10/13/2020	T	INITIAL	1	SW3005	410-16197-1	7440-23-5	Sodium	24	24
KAFB-106235-472	GW235-472-204	10/7/2020	T	INITIAL	1	SW3020A	410-16197-1	7439-92-1	Lead	< 0.0005	0.0005
KAFB-106235-472	GW235-472-204	10/8/2020	T	INITIAL	1	SW3020A	410-16197-1	7440-38-2	Arsenic	0.00079	0.00079
KAFB-106235-472	GW235-472-204	10/15/2020	N	INITIAL	1	METHOD	410-16197-1	106-93-4	1,2-Dibromoethane	0.015	0.015
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	107-02-8	Acrolein	< 5	5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	591-78-6	2-Hexanone	< 1	1
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	67-64-1	Acetone	< 2	2
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	75-25-2	Bromoform	< 2	2
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	78-93-3	2-Butanone	< 1	1
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	91-20-3	Naphthalene	< 2	2
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106235-472	GW235-472-204	10/14/2020	N	INITIAL	1	NONE	410-16197-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106007	GW007-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	14808-79-8	Sulfate	31	31

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106007	GW007-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	16887-00-6	Chloride	11	11
KAFB-106007	GW007-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	24959-67-9	Bromide	< 2	2
KAFB-106007	GW007-204	10/22/2020	N	INITIAL	1	NONE	410-16365-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106007	GW007-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK	Alkalinity, total (as CaCO3)	180	180
KAFB-106007	GW007-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	180	180
KAFB-106007	GW007-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106007	GW007-204	10/15/2020	D	INITIAL	1	METHOD	410-16365-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106007	GW007-204	10/15/2020	D	INITIAL	1	METHOD	410-16365-1	7439-96-5	Manganese	0.0031	0.0031
KAFB-106007	GW007-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7439-95-4	Magnesium	7.7	7.7
KAFB-106007	GW007-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-09-7	Potassium	2.6	2.6
KAFB-106007	GW007-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-23-5	Sodium	25	25
KAFB-106007	GW007-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-70-2	Calcium	53	53
KAFB-106007	GW007-204	10/15/2020	T	INITIAL	1	SW3020A	410-16365-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106007	GW007-204	10/15/2020	T	INITIAL	1	SW3020A	410-16365-1	7440-38-2	Arsenic	0.00071	0.00071
KAFB-106007	GW007-204	10/14/2020	N	INITIAL	1	METHOD	410-16365-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-02-8	Acrolein	< 5	5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-88-3	Toluene	1.8	1.8
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	591-78-6	2-Hexanone	< 1	1
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	67-64-1	Acetone	0.73	0.73
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-87-3	Chloromethane	< 0.5	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-25-2	Bromoform	< 2	2
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-71-8	Dichlorodifluoromethane	2.3	2.3
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	78-93-3	2-Butanone	< 1	1
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	91-20-3	Naphthalene	< 2	2
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106007	GW007-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	14808-79-8	Sulfate	49	49
KAFB-106235-438	GW235-438-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	24959-67-9	Bromide	1.3	1.3
KAFB-106235-438	GW235-438-204	10/13/2020	N	INITIAL	50	NONE	410-16365-1	16887-00-6	Chloride	45	45
KAFB-106235-438	GW235-438-204	10/22/2020	N	INITIAL	1	NONE	410-16365-1	NNN	Nitrogen as nitrate + nitrite	1.1	1.1
KAFB-106235-438	GW235-438-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK	Alkalinity, total (as CaCO3)	90	90
KAFB-106235-438	GW235-438-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	90	90
KAFB-106235-438	GW235-438-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106235-438	GW235-438-204	10/15/2020	D	INITIAL	1	METHOD	410-16365-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106235-438	GW235-438-204	10/15/2020	D	INITIAL	1	METHOD	410-16365-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106235-438	GW235-438-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7439-95-4	Magnesium	6.5	6.5
KAFB-106235-438	GW235-438-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-09-7	Potassium	3.1	3.1
KAFB-106235-438	GW235-438-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-23-5	Sodium	22	22
KAFB-106235-438	GW235-438-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-70-2	Calcium	44	44
KAFB-106235-438	GW235-438-204	10/13/2020	T	INITIAL	1	SW3020A	410-16365-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106235-438	GW235-438-204	10/13/2020	T	INITIAL	1	SW3020A	410-16365-1	7440-38-2	Arsenic	0.00068	0.00068
KAFB-106235-438	GW235-438-204	10/14/2020	N	INITIAL	1	METHOD	410-16365-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-02-8	Acrolein	< 5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	127-18-4	Tetrachloroethene	0.52	0.52
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	591-78-6	2-Hexanone	< 1	1
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	67-64-1	Acetone	< 2	2
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-25-2	Bromoform	< 2	2
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	78-93-3	2-Butanone	< 1	1
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	91-20-3	Naphthalene	< 2	2
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106235-438	GW235-438-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	14808-79-8	Sulfate	64	64
KAFB-106235-501	GW235-501-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	24959-67-9	Bromide	1.4	1.4
KAFB-106235-501	GW235-501-204	10/13/2020	N	INITIAL	50	NONE	410-16365-1	16887-00-6	Chloride	58	58
KAFB-106235-501	GW235-501-204	10/22/2020	N	INITIAL	1	NONE	410-16365-1	NNN	Nitrogen as nitrate + nitrite	1.1	1.1
KAFB-106235-501	GW235-501-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK	Alkalinity, total (as CaCO3)	86	86
KAFB-106235-501	GW235-501-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	86	86
KAFB-106235-501	GW235-501-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106235-501	GW235-501-204	10/15/2020	D	INITIAL	1	METHOD	410-16365-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106235-501	GW235-501-204	10/15/2020	D	INITIAL	1	METHOD	410-16365-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106235-501	GW235-501-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7439-95-4	Magnesium	7.7	7.7
KAFB-106235-501	GW235-501-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-09-7	Potassium	3.2	3.2
KAFB-106235-501	GW235-501-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-23-5	Sodium	26	26
KAFB-106235-501	GW235-501-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-70-2	Calcium	55	55
KAFB-106235-501	GW235-501-204	10/15/2020	T	INITIAL	1	SW3020A	410-16365-1	7439-92-1	Lead	0.00015	0.00015
KAFB-106235-501	GW235-501-204	10/15/2020	T	INITIAL	1	SW3020A	410-16365-1	7440-38-2	Arsenic	0.001	0.001
KAFB-106235-501	GW235-501-204	10/14/2020	N	INITIAL	1	METHOD	410-16365-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-02-8	Acrolein	< 5	5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	591-78-6	2-Hexanone	< 1	1
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	67-64-1	Acetone	< 2	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-25-2	Bromoform	< 2	2
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	78-93-3	2-Butanone	< 1	1
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	91-20-3	Naphthalene	< 2	2
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106235-501	GW235-501-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	14808-79-8	Sulfate	50	50
KAFB-106236-436	GW236-436-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	24959-67-9	Bromide	< 2	2
KAFB-106236-436	GW236-436-204	10/13/2020	N	INITIAL	50	NONE	410-16365-1	16887-00-6	Chloride	40	40
KAFB-106236-436	GW236-436-204	10/22/2020	N	INITIAL	1	NONE	410-16365-1	NNN	Nitrogen as nitrate + nitrite	0.84	0.84
KAFB-106236-436	GW236-436-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK	Alkalinity, total (as CaCO3)	93	93
KAFB-106236-436	GW236-436-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	93	93
KAFB-106236-436	GW236-436-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106236-436	GW236-436-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7439-95-4	Magnesium	6.2	6.2
KAFB-106236-436	GW236-436-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-09-7	Potassium	3.2	3.2
KAFB-106236-436	GW236-436-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-23-5	Sodium	23	23
KAFB-106236-436	GW236-436-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-70-2	Calcium	42	42
KAFB-106236-436	GW236-436-204	10/20/2020	D	INITIAL	1	METHOD	410-16365-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106236-436	GW236-436-204	10/20/2020	D	INITIAL	1	METHOD	410-16365-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106236-436	GW236-436-204	10/13/2020	T	INITIAL	1	SW3020A	410-16365-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106236-436	GW236-436-204	10/13/2020	T	INITIAL	1	SW3020A	410-16365-1	7440-38-2	Arsenic	0.00086	0.00086
KAFB-106236-436	GW236-436-204	10/15/2020	N	INITIAL	1	METHOD	410-16365-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	103-65-1	n-Propylbenzene	< 0.5	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-02-8	Acrolein	< 5	5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	591-78-6	2-Hexanone	< 1	1
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	67-64-1	Acetone	< 2	2
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-25-2	Bromoform	< 2	2
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	78-93-3	2-Butanone	< 1	1
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	91-20-3	Naphthalene	< 2	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106236-436	GW236-436-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	14808-79-8	Sulfate	58	58
KAFB-106236-470	GW236-470-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	24959-67-9	Bromide	< 2	2
KAFB-106236-470	GW236-470-204	10/13/2020	N	INITIAL	50	NONE	410-16365-1	16887-00-6	Chloride	53	53
KAFB-106236-470	GW236-470-204	10/22/2020	N	INITIAL	1	NONE	410-16365-1	NNN	Nitrogen as nitrate + nitrite	0.81	0.81
KAFB-106236-470	GW236-470-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK	Alkalinity, total (as CaCO3)	91	91
KAFB-106236-470	GW236-470-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	91	91
KAFB-106236-470	GW236-470-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106236-470	GW236-470-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7439-95-4	Magnesium	6.8	6.8
KAFB-106236-470	GW236-470-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-09-7	Potassium	2.9	2.9
KAFB-106236-470	GW236-470-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-23-5	Sodium	22	22
KAFB-106236-470	GW236-470-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-70-2	Calcium	47	47
KAFB-106236-470	GW236-470-204	10/20/2020	D	INITIAL	1	METHOD	410-16365-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106236-470	GW236-470-204	10/20/2020	D	INITIAL	1	METHOD	410-16365-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106236-470	GW236-470-204	10/13/2020	T	INITIAL	1	SW3020A	410-16365-1	7439-92-1	Lead	0.00012	0.00012
KAFB-106236-470	GW236-470-204	10/13/2020	T	INITIAL	1	SW3020A	410-16365-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106236-470	GW236-470-204	10/15/2020	N	INITIAL	1	METHOD	410-16365-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-02-8	Acrolein	< 5	5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	56-23-5	Carbon tetrachloride	< 0.5	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	591-78-6	2-Hexanone	< 1	1
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	67-64-1	Acetone	< 2	2
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-25-2	Bromoform	< 2	2
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	78-93-3	2-Butanone	< 1	1
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	91-20-3	Naphthalene	< 2	2
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106236-470	GW236-470-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106038	GW038-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	14808-79-8	Sulfate	39	39
KAFB-106038	GW038-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	16887-00-6	Chloride	23	23
KAFB-106038	GW038-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	24959-67-9	Bromide	< 2	2
KAFB-106038	GW038-204	10/22/2020	N	INITIAL	1	NONE	410-16365-1	NNN	Nitrogen as nitrate + nitrite	0.44	0.44
KAFB-106038	GW038-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106038	GW038-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106038	GW038-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106038	GW038-204	10/15/2020	D	INITIAL	1	METHOD	410-16365-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106038	GW038-204	10/15/2020	D	INITIAL	1	METHOD	410-16365-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106038	GW038-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7439-95-4	Magnesium	5.8	5.8
KAFB-106038	GW038-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-09-7	Potassium	2.4	2.4
KAFB-106038	GW038-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-23-5	Sodium	28	28
KAFB-106038	GW038-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-70-2	Calcium	41	41
KAFB-106038	GW038-204	10/13/2020	T	INITIAL	1	SW3020A	410-16365-1	7439-92-1	Lead	0.000072	0.000072
KAFB-106038	GW038-204	10/13/2020	T	INITIAL	1	SW3020A	410-16365-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106038	GW038-204	10/14/2020	N	INITIAL	1	METHOD	410-16365-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-02-8	Acrolein	< 5	5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-88-3	Toluene	1.3	1.3
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	591-78-6	2-Hexanone	< 1	1
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	67-64-1	Acetone	< 2	2
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-25-2	Bromoform	< 2	2
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	78-93-3	2-Butanone	< 1	1
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	91-20-3	Naphthalene	< 2	2
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106038	GW038-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	14808-79-8	Sulfate	63	63
KAFB-106236-499	GW236-499-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	24959-67-9	Bromide	< 2	2
KAFB-106236-499	GW236-499-204	10/13/2020	N	INITIAL	50	NONE	410-16365-1	16887-00-6	Chloride	53	53
KAFB-106236-499	GW236-499-204	10/22/2020	N	INITIAL	1	NONE	410-16365-1	NNN	Nitrogen as nitrate + nitrite	0.89	0.89
KAFB-106236-499	GW236-499-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK	Alkalinity, total (as CaCO3)	85	85
KAFB-106236-499	GW236-499-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	85	85
KAFB-106236-499	GW236-499-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106236-499	GW236-499-204	10/15/2020	D	INITIAL	1	METHOD	410-16365-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106236-499	GW236-499-204	10/15/2020	D	INITIAL	1	METHOD	410-16365-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106236-499	GW236-499-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7439-95-4	Magnesium	7.2	7.2
KAFB-106236-499	GW236-499-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-09-7	Potassium	2.8	2.8
KAFB-106236-499	GW236-499-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-23-5	Sodium	24	24
KAFB-106236-499	GW236-499-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-70-2	Calcium	51	51
KAFB-106236-499	GW236-499-204	10/13/2020	T	INITIAL	1	SW3020A	410-16365-1	7439-92-1	Lead	0.00017	0.00017
KAFB-106236-499	GW236-499-204	10/13/2020	T	INITIAL	1	SW3020A	410-16365-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106236-499	GW236-499-204	10/14/2020	N	INITIAL	1	METHOD	410-16365-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-02-8	Acrolein	< 5	5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	591-78-6	2-Hexanone	< 1	1
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	67-64-1	Acetone	< 2	2
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-25-2	Bromoform	< 2	2
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	78-93-3	2-Butanone	< 1	1
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	91-20-3	Naphthalene	< 2	2
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106236-499	GW236-499-204	10/12/2020	N	INITIAL	1	NONE	410-16365-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106207	GW207-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	14808-79-8	Sulfate	50	50
KAFB-106207	GW207-204	10/13/2020	N	INITIAL	5	NONE	410-16365-1	24959-67-9	Bromide	< 2	2
KAFB-106207	GW207-204	10/13/2020	N	INITIAL	50	NONE	410-16365-1	16887-00-6	Chloride	77	77
KAFB-106207	GW207-204	10/22/2020	N	INITIAL	1	NONE	410-16365-1	NNN	Nitrogen as nitrate + nitrite	1.4	1.4
KAFB-106207	GW207-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK	Alkalinity, total (as CaCO3)	95	95
KAFB-106207	GW207-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	95	95
KAFB-106207	GW207-204	10/9/2020	N	INITIAL	1	NONE	410-16365-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106207	GW207-204	10/15/2020	D	INITIAL	1	METHOD	410-16365-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106207	GW207-204	10/15/2020	D	INITIAL	1	METHOD	410-16365-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106207	GW207-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7439-95-4	Magnesium	8.2	8.2
KAFB-106207	GW207-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-09-7	Potassium	2.9	2.9

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106207	GW207-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-23-5	Sodium	24	24
KAFB-106207	GW207-204	10/18/2020	T	INITIAL	1	SW3005	410-16365-1	7440-70-2	Calcium	58	58
KAFB-106207	GW207-204	10/13/2020	T	INITIAL	1	SW3020A	410-16365-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106207	GW207-204	10/13/2020	T	INITIAL	1	SW3020A	410-16365-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106207	GW207-204	10/15/2020	N	INITIAL	1	METHOD	410-16365-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	107-02-8	Acrolein	< 5	5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	591-78-6	2-Hexanone	< 1	1
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	67-64-1	Acetone	< 2	2
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	75-25-2	Bromoform	< 2	2
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	78-93-3	2-Butanone	< 1	1
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	91-20-3	Naphthalene	< 2	2
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106207	GW207-204	10/19/2020	N	INITIAL	1	NONE	410-16365-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106039	GW039-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	24959-67-9	Bromide	1.6	1.6
KAFB-106039	GW039-204	10/13/2020	N	INITIAL	50	NONE	410-16376-1	14808-79-8	Sulfate	93	93
KAFB-106039	GW039-204	10/13/2020	N	INITIAL	50	NONE	410-16376-1	16887-00-6	Chloride	67	67
KAFB-106039	GW039-204	10/22/2020	N	INITIAL	1	NONE	410-16376-1	NNN	Nitrogen as nitrate + nitrite	2.1	2.1
KAFB-106039	GW039-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK	Alkalinity, total (as CaCO3)	130	130
KAFB-106039	GW039-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	130	130
KAFB-106039	GW039-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106039	GW039-204	10/13/2020	D	INITIAL	1	METHOD	410-16376-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106039	GW039-204	10/13/2020	D	INITIAL	1	METHOD	410-16376-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106039	GW039-204	10/14/2020	T	INITIAL	1	SW3005	410-16376-1	7439-95-4	Magnesium	11	11
KAFB-106039	GW039-204	10/14/2020	T	INITIAL	1	SW3005	410-16376-1	7440-09-7	Potassium	3.1	3.1
KAFB-106039	GW039-204	10/14/2020	T	INITIAL	1	SW3005	410-16376-1	7440-23-5	Sodium	34	34
KAFB-106039	GW039-204	10/14/2020	T	INITIAL	1	SW3005	410-16376-1	7440-70-2	Calcium	83	83
KAFB-106039	GW039-204	10/13/2020	T	INITIAL	1	SW3020A	410-16376-1	7439-92-1	Lead	0.000082	0.000082
KAFB-106039	GW039-204	10/13/2020	T	INITIAL	1	SW3020A	410-16376-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106039	GW039-204	10/14/2020	N	INITIAL	1	METHOD	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-02-8	Acrolein	< 5	5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-88-3	Toluene	0.92	0.92
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	124-48-1	Dibromochloromethane	< 0.5	0.5

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	591-78-6	2-Hexanone	< 1	1
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-64-1	Acetone	< 2	2
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-25-2	Bromoform	< 2	2
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-93-3	2-Butanone	< 1	1
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	91-20-3	Naphthalene	< 2	2
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106039	GW039-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106208	GW208-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	14808-79-8	Sulfate	49	49
KAFB-106208	GW208-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	24959-67-9	Bromide	1.5	1.5
KAFB-106208	GW208-204	10/13/2020	N	INITIAL	50	NONE	410-16376-1	16887-00-6	Chloride	44	44
KAFB-106208	GW208-204	10/22/2020	N	INITIAL	1	NONE	410-16376-1	NNN	Nitrogen as nitrate + nitrite	0.96	0.96
KAFB-106208	GW208-204	10/9/2020	N	INITIAL	1	NONE	410-16376-1	ALK	Alkalinity, total (as CaCO3)	97	97
KAFB-106208	GW208-204	10/9/2020	N	INITIAL	1	NONE	410-16376-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	97	97

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106208	GW208-204	10/9/2020	N	INITIAL	1	NONE	410-16376-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106208	GW208-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106208	GW208-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106208	GW208-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7439-95-4	Magnesium	6.7	6.7
KAFB-106208	GW208-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-09-7	Potassium	2.7	2.7
KAFB-106208	GW208-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-23-5	Sodium	26	26
KAFB-106208	GW208-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-70-2	Calcium	49	49
KAFB-106208	GW208-204	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106208	GW208-204	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7440-38-2	Arsenic	0.0008	0.0008
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	METHOD	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-02-8	Acrolein	< 5	5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	591-78-6	2-Hexanone	< 1	1
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-64-1	Acetone	< 2	2
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-09-2	Methylene chloride	< 0.5	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-25-2	Bromoform	< 2	2
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-93-3	2-Butanone	< 1	1
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	91-20-3	Naphthalene	< 2	2
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106208	GW208-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106208	GW208-604	10/13/2020	N	INITIAL	5	NONE	410-16376-1	14808-79-8	Sulfate	50	50
KAFB-106208	GW208-604	10/13/2020	N	INITIAL	5	NONE	410-16376-1	24959-67-9	Bromide	1.3	1.3
KAFB-106208	GW208-604	10/13/2020	N	INITIAL	50	NONE	410-16376-1	16887-00-6	Chloride	45	45
KAFB-106208	GW208-604	10/22/2020	N	INITIAL	1	NONE	410-16376-1	NNN	Nitrogen as nitrate + nitrite	0.94	0.94
KAFB-106208	GW208-604	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK	Alkalinity, total (as CaCO3)	97	97
KAFB-106208	GW208-604	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	97	97
KAFB-106208	GW208-604	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106208	GW208-604	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106208	GW208-604	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106208	GW208-604	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7439-95-4	Magnesium	6.9	6.9
KAFB-106208	GW208-604	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-09-7	Potassium	2.8	2.8
KAFB-106208	GW208-604	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-23-5	Sodium	27	27
KAFB-106208	GW208-604	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-70-2	Calcium	50	50
KAFB-106208	GW208-604	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106208	GW208-604	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	METHOD	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-02-8	Acrolein	< 5	5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	591-78-6	2-Hexanone	< 1	1
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-64-1	Acetone	< 2	2
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-25-2	Bromoform	< 2	2
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-93-3	2-Butanone	< 1	1
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	91-20-3	Naphthalene	< 2	2
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106208	GW208-604	10/15/2020	N	INITIAL	1	NONE	410-16376-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106209	GW209-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	14808-79-8	Sulfate	30	30

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106209	GW209-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	16887-00-6	Chloride	13	13
KAFB-106209	GW209-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	24959-67-9	Bromide	< 2	2
KAFB-106209	GW209-204	10/22/2020	N	INITIAL	1	NONE	410-16376-1	NNN	Nitrogen as nitrate + nitrite	0.086	0.086
KAFB-106209	GW209-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106209	GW209-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106209	GW209-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106209	GW209-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106209	GW209-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106209	GW209-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7439-95-4	Magnesium	5	5
KAFB-106209	GW209-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-09-7	Potassium	2.4	2.4
KAFB-106209	GW209-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-23-5	Sodium	23	23
KAFB-106209	GW209-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-70-2	Calcium	36	36
KAFB-106209	GW209-204	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106209	GW209-204	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7440-38-2	Arsenic	0.00081	0.00081
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	METHOD	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-02-8	Acrolein	< 5	5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	591-78-6	2-Hexanone	< 1	1
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-64-1	Acetone	< 2	2
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-87-3	Chloromethane	< 0.5	0.5

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-25-2	Bromoform	< 2	2
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-93-3	2-Butanone	< 1	1
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	91-20-3	Naphthalene	< 2	2
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106209	GW209-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106083	GW083-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	14808-79-8	Sulfate	32	32
KAFB-106083	GW083-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	16887-00-6	Chloride	11	11
KAFB-106083	GW083-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	24959-67-9	Bromide	< 2	2
KAFB-106083	GW083-204	10/22/2020	N	INITIAL	1	NONE	410-16376-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106083	GW083-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106083	GW083-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106083	GW083-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106083	GW083-204	10/13/2020	D	INITIAL	1	METHOD	410-16376-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106083	GW083-204	10/13/2020	D	INITIAL	1	METHOD	410-16376-1	7439-96-5	Manganese	0.12	0.12
KAFB-106083	GW083-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7439-95-4	Magnesium	5.7	5.7
KAFB-106083	GW083-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-09-7	Potassium	2.3	2.3
KAFB-106083	GW083-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-23-5	Sodium	23	23
KAFB-106083	GW083-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-70-2	Calcium	40	40
KAFB-106083	GW083-204	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106083	GW083-204	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7440-38-2	Arsenic	0.00078	0.00078
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	METHOD	410-16376-1	106-93-4	1,2-Dibromoethane	0.016	0.016
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-02-8	Acrolein	< 5	5

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-88-3	Toluene	1.1	1.1
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	591-78-6	2-Hexanone	< 1	1
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-64-1	Acetone	< 2	2
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-25-2	Bromoform	< 2	2
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-93-3	2-Butanone	< 1	1
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	91-20-3	Naphthalene	< 2	2
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106083	GW083-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106231	GW231-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	14808-79-8	Sulfate	38	38
KAFB-106231	GW231-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	24959-67-9	Bromide	2.2	2.2
KAFB-106231	GW231-204	10/21/2020	N	INITIAL	50	NONE	410-16376-1	16887-00-6	Chloride	140	140
KAFB-106231	GW231-204	10/22/2020	N	INITIAL	1	NONE	410-16376-1	NNN	Nitrogen as nitrate + nitrite	1.1	1.1
KAFB-106231	GW231-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK	Alkalinity, total (as CaCO3)	84	84
KAFB-106231	GW231-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	84	84
KAFB-106231	GW231-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106231	GW231-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106231	GW231-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106231	GW231-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7439-95-4	Magnesium	12	12
KAFB-106231	GW231-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-09-7	Potassium	3.7	3.7
KAFB-106231	GW231-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-23-5	Sodium	36	36
KAFB-106231	GW231-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-70-2	Calcium	84	84
KAFB-106231	GW231-204	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106231	GW231-204	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	METHOD	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-02-8	Acrolein	< 5	5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	591-78-6	2-Hexanone	< 1	1
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-64-1	Acetone	< 2	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-25-2	Bromoform	< 2	2
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-93-3	2-Butanone	< 1	1
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	91-20-3	Naphthalene	< 2	2
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106231	GW231-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106232	GW232-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	14808-79-8	Sulfate	58	58
KAFB-106232	GW232-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	24959-67-9	Bromide	1.6	1.6
KAFB-106232	GW232-204	10/13/2020	N	INITIAL	50	NONE	410-16376-1	16887-00-6	Chloride	60	60
KAFB-106232	GW232-204	10/22/2020	N	INITIAL	1	NONE	410-16376-1	NNN	Nitrogen as nitrate + nitrite	1.6	1.6
KAFB-106232	GW232-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK	Alkalinity, total (as CaCO3)	93	93
KAFB-106232	GW232-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	93	93
KAFB-106232	GW232-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106232	GW232-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106232	GW232-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106232	GW232-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7439-95-4	Magnesium	8.3	8.3
KAFB-106232	GW232-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-09-7	Potassium	3	3
KAFB-106232	GW232-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-23-5	Sodium	28	28
KAFB-106232	GW232-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-70-2	Calcium	60	60
KAFB-106232	GW232-204	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106232	GW232-204	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7440-38-2	Arsenic	0.00072	0.00072
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	METHOD	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	103-65-1	n-Propylbenzene	< 0.5	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-02-8	Acrolein	< 5	5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	591-78-6	2-Hexanone	< 1	1
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-64-1	Acetone	< 2	2
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-25-2	Bromoform	< 2	2
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-93-3	2-Butanone	< 1	1
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	91-20-3	Naphthalene	< 2	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106232	GW232-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	24959-67-9	Bromide	2.5	2.5
KAFB-106242-418	GW242-418-204	10/13/2020	N	INITIAL	50	NONE	410-16376-1	14808-79-8	Sulfate	130	130
KAFB-106242-418	GW242-418-204	10/13/2020	N	INITIAL	50	NONE	410-16376-1	16887-00-6	Chloride	150	150
KAFB-106242-418	GW242-418-204	10/22/2020	N	INITIAL	5	NONE	410-16376-1	NNN	Nitrogen as nitrate + nitrite	5.2	5.2
KAFB-106242-418	GW242-418-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106242-418	GW242-418-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106242-418	GW242-418-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106242-418	GW242-418-204	10/14/2020	T	INITIAL	1	SW3005	410-16376-1	7439-95-4	Magnesium	20	20
KAFB-106242-418	GW242-418-204	10/14/2020	T	INITIAL	1	SW3005	410-16376-1	7440-09-7	Potassium	4.5	4.5
KAFB-106242-418	GW242-418-204	10/14/2020	T	INITIAL	1	SW3005	410-16376-1	7440-23-5	Sodium	42	42
KAFB-106242-418	GW242-418-204	10/14/2020	T	INITIAL	1	SW3005	410-16376-1	7440-70-2	Calcium	140	140
KAFB-106242-418	GW242-418-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106242-418	GW242-418-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106242-418	GW242-418-204	10/13/2020	T	INITIAL	1	SW3020A	410-16376-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106242-418	GW242-418-204	10/13/2020	T	INITIAL	1	SW3020A	410-16376-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	METHOD	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-02-8	Acrolein	< 5	5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	56-23-5	Carbon tetrachloride	< 0.5	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	591-78-6	2-Hexanone	< 1	1
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-64-1	Acetone	< 2	2
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-66-3	Chloroform	0.51	0.51
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-25-2	Bromoform	< 2	2
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-93-3	2-Butanone	< 1	1
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	91-20-3	Naphthalene	< 2	2
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106242-418	GW242-418-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106021	GW021-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	14808-79-8	Sulfate	18	18
KAFB-106021	GW021-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	16887-00-6	Chloride	12	12
KAFB-106021	GW021-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	24959-67-9	Bromide	< 2	2
KAFB-106021	GW021-204	10/22/2020	N	INITIAL	1	NONE	410-16376-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106021	GW021-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK	Alkalinity, total (as CaCO3)	68	68
KAFB-106021	GW021-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	68	68
KAFB-106021	GW021-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106021	GW021-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106021	GW021-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106021	GW021-204	10/16/2020	T	INITIAL	1	SW3005	410-16376-1	7439-95-4	Magnesium	2.8	2.8
KAFB-106021	GW021-204	10/16/2020	T	INITIAL	1	SW3005	410-16376-1	7440-23-5	Sodium	12	12
KAFB-106021	GW021-204	10/16/2020	T	INITIAL	1	SW3005	410-16376-1	7440-70-2	Calcium	29	29
KAFB-106021	GW021-204	10/18/2020	T	INITIAL	1	SW3005	410-16376-1	7440-09-7	Potassium	2.4	2.4
KAFB-106021	GW021-204	10/13/2020	T	INITIAL	1	SW3020A	410-16376-1	7439-92-1	Lead	0.0002	0.0002
KAFB-106021	GW021-204	10/13/2020	T	INITIAL	1	SW3020A	410-16376-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	METHOD	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-02-8	Acrolein	< 5	5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	591-78-6	2-Hexanone	< 1	1
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-64-1	Acetone	< 2	2
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-25-2	Bromoform	< 2	2
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-93-3	2-Butanone	< 1	1
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	91-20-3	Naphthalene	< 2	2
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106021	GW021-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106082	GW082-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	14808-79-8	Sulfate	54	54
KAFB-106082	GW082-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	24959-67-9	Bromide	1.5	1.5
KAFB-106082	GW082-204	10/13/2020	N	INITIAL	50	NONE	410-16376-1	16887-00-6	Chloride	58	58
KAFB-106082	GW082-204	10/22/2020	N	INITIAL	1	NONE	410-16376-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106082	GW082-204	10/9/2020	N	INITIAL	1	NONE	410-16376-1	ALK	Alkalinity, total (as CaCO3)	140	140
KAFB-106082	GW082-204	10/9/2020	N	INITIAL	1	NONE	410-16376-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	140	140
KAFB-106082	GW082-204	10/9/2020	N	INITIAL	1	NONE	410-16376-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106082	GW082-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106082	GW082-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-96-5	Manganese	0.076	0.076
KAFB-106082	GW082-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7439-95-4	Magnesium	8.9	8.9
KAFB-106082	GW082-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-09-7	Potassium	2.9	2.9
KAFB-106082	GW082-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-23-5	Sodium	27	27
KAFB-106082	GW082-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-70-2	Calcium	62	62
KAFB-106082	GW082-204	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106082	GW082-204	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	METHOD	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-02-8	Acrolein	< 5	5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-88-3	Toluene	0.84	0.84
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	591-78-6	2-Hexanone	< 1	1
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-64-1	Acetone	0.79	0.79
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-25-2	Bromoform	< 2	2
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-93-3	2-Butanone	< 1	1
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	91-20-3	Naphthalene	< 2	2
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106082	GW082-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106031	GW031-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	24959-67-9	Bromide	1.7	1.7
KAFB-106031	GW031-204	10/13/2020	N	INITIAL	50	NONE	410-16376-1	14808-79-8	Sulfate	120	120
KAFB-106031	GW031-204	10/13/2020	N	INITIAL	50	NONE	410-16376-1	16887-00-6	Chloride	81	81
KAFB-106031	GW031-204	10/22/2020	N	INITIAL	2	NONE	410-16376-1	NNN	Nitrogen as nitrate + nitrite	2.2	2.2
KAFB-106031	GW031-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK	Alkalinity, total (as CaCO3)	85	85
KAFB-106031	GW031-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	85	85
KAFB-106031	GW031-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106031	GW031-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106031	GW031-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106031	GW031-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7439-95-4	Magnesium	12	12
KAFB-106031	GW031-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-09-7	Potassium	3.5	3.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106031	GW031-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-23-5	Sodium	30	30
KAFB-106031	GW031-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-70-2	Calcium	85	85
KAFB-106031	GW031-204	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7439-92-1	Lead	0.000072	0.000072
KAFB-106031	GW031-204	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7440-38-2	Arsenic	0.00075	0.00075
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	METHOD	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-02-8	Acrolein	< 5	5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	591-78-6	2-Hexanone	< 1	1
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-64-1	Acetone	< 2	2
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-25-2	Bromoform	< 2	2
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-93-3	2-Butanone	< 1	1
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	91-20-3	Naphthalene	< 2	2
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106031	GW031-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106030	GW030-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	14808-79-8	Sulfate	72	72
KAFB-106030	GW030-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	24959-67-9	Bromide	1.4	1.4
KAFB-106030	GW030-204	10/13/2020	N	INITIAL	50	NONE	410-16376-1	16887-00-6	Chloride	62	62
KAFB-106030	GW030-204	10/22/2020	N	INITIAL	2	NONE	410-16376-1	NNN	Nitrogen as nitrate + nitrite	2.2	2.2
KAFB-106030	GW030-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK	Alkalinity, total (as CaCO3)	86	86
KAFB-106030	GW030-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	86	86
KAFB-106030	GW030-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106030	GW030-204	10/13/2020	D	INITIAL	1	METHOD	410-16376-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106030	GW030-204	10/13/2020	D	INITIAL	1	METHOD	410-16376-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106030	GW030-204	10/14/2020	T	INITIAL	1	SW3005	410-16376-1	7439-95-4	Magnesium	8.8	8.8
KAFB-106030	GW030-204	10/14/2020	T	INITIAL	1	SW3005	410-16376-1	7440-09-7	Potassium	2.7	2.7
KAFB-106030	GW030-204	10/14/2020	T	INITIAL	1	SW3005	410-16376-1	7440-23-5	Sodium	25	25
KAFB-106030	GW030-204	10/14/2020	T	INITIAL	1	SW3005	410-16376-1	7440-70-2	Calcium	64	64
KAFB-106030	GW030-204	10/13/2020	T	INITIAL	1	SW3020A	410-16376-1	7439-92-1	Lead	0.00012	0.00012
KAFB-106030	GW030-204	10/13/2020	T	INITIAL	1	SW3020A	410-16376-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	METHOD	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-02-8	Acrolein	< 5	5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	124-48-1	Dibromochloromethane	< 0.5	0.5

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	591-78-6	2-Hexanone	< 1	1
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-64-1	Acetone	< 2	2
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-25-2	Bromoform	< 2	2
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-93-3	2-Butanone	< 1	1
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	91-20-3	Naphthalene	< 2	2
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106030	GW030-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106029	GW029-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	24959-67-9	Bromide	1.5	1.5
KAFB-106029	GW029-204	10/13/2020	N	INITIAL	50	NONE	410-16376-1	14808-79-8	Sulfate	120	120
KAFB-106029	GW029-204	10/13/2020	N	INITIAL	50	NONE	410-16376-1	16887-00-6	Chloride	67	67
KAFB-106029	GW029-204	10/22/2020	N	INITIAL	2	NONE	410-16376-1	NNN	Nitrogen as nitrate + nitrite	2.7	2.7
KAFB-106029	GW029-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK	Alkalinity, total (as CaCO3)	85	85
KAFB-106029	GW029-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	85	85

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106029	GW029-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106029	GW029-204	10/13/2020	D	INITIAL	1	METHOD	410-16376-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106029	GW029-204	10/13/2020	D	INITIAL	1	METHOD	410-16376-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106029	GW029-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7439-95-4	Magnesium	9.4	9.4
KAFB-106029	GW029-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-09-7	Potassium	2.7	2.7
KAFB-106029	GW029-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-23-5	Sodium	24	24
KAFB-106029	GW029-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-70-2	Calcium	66	66
KAFB-106029	GW029-204	10/13/2020	T	INITIAL	1	SW3020A	410-16376-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106029	GW029-204	10/13/2020	T	INITIAL	1	SW3020A	410-16376-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	METHOD	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-02-8	Acrolein	< 5	5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	591-78-6	2-Hexanone	< 1	1
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-64-1	Acetone	< 2	2
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-09-2	Methylene chloride	< 0.5	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-25-2	Bromoform	< 2	2
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-93-3	2-Butanone	< 1	1
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	91-20-3	Naphthalene	< 2	2
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106029	GW029-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106084	GW084-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	14808-79-8	Sulfate	27	27
KAFB-106084	GW084-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	16887-00-6	Chloride	8.4	8.4
KAFB-106084	GW084-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	24959-67-9	Bromide	< 2.0	2
KAFB-106084	GW084-204	10/25/2020	N	INITIAL	1	NONE	410-16534-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106084	GW084-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106084	GW084-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106084	GW084-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106084	GW084-204	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106084	GW084-204	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106084	GW084-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7439-95-4	Magnesium	4.5	4.5
KAFB-106084	GW084-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-09-7	Potassium	2.1	2.1
KAFB-106084	GW084-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-23-5	Sodium	21	21
KAFB-106084	GW084-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-70-2	Calcium	32	32
KAFB-106084	GW084-204	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106084	GW084-204	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7440-38-2	Arsenic	0.0013	0.0013
KAFB-106084	GW084-204	10/20/2020	N	INITIAL	1	METHOD	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-02-8	Acrolein	< 5.0	5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-88-3	Toluene	0.69	0.69
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-64-1	Acetone	< 2.0	2
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-25-2	Bromoform	< 2.0	2
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106084	GW084-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106205	GW205-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	14808-79-8	Sulfate	65	65

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106205	GW205-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	24959-67-9	Bromide	1.6	1.6
KAFB-106205	GW205-204	10/13/2020	N	INITIAL	50	NONE	410-16376-1	16887-00-6	Chloride	72	72
KAFB-106205	GW205-204	10/22/2020	N	INITIAL	1	NONE	410-16376-1	NNN	Nitrogen as nitrate + nitrite	1.8	1.8
KAFB-106205	GW205-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106205	GW205-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106205	GW205-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106205	GW205-204	10/13/2020	D	INITIAL	1	METHOD	410-16376-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106205	GW205-204	10/13/2020	D	INITIAL	1	METHOD	410-16376-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106205	GW205-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7439-95-4	Magnesium	8.7	8.7
KAFB-106205	GW205-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-09-7	Potassium	3.5	3.5
KAFB-106205	GW205-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-23-5	Sodium	31	31
KAFB-106205	GW205-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-70-2	Calcium	63	63
KAFB-106205	GW205-204	10/13/2020	T	INITIAL	1	SW3020A	410-16376-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106205	GW205-204	10/13/2020	T	INITIAL	1	SW3020A	410-16376-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	METHOD	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-02-8	Acrolein	< 5	5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	591-78-6	2-Hexanone	< 1	1
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-64-1	Acetone	< 2	2
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-87-3	Chloromethane	< 0.5	0.5

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-25-2	Bromoform	< 2	2
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-93-3	2-Butanone	< 1	1
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	91-20-3	Naphthalene	< 2	2
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106205	GW205-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106204	GW204-204	10/13/2020	N	INITIAL	5	NONE	410-16376-1	24959-67-9	Bromide	2	2
KAFB-106204	GW204-204	10/13/2020	N	INITIAL	50	NONE	410-16376-1	14808-79-8	Sulfate	110	110
KAFB-106204	GW204-204	10/13/2020	N	INITIAL	50	NONE	410-16376-1	16887-00-6	Chloride	120	120
KAFB-106204	GW204-204	10/22/2020	N	INITIAL	2	NONE	410-16376-1	NNN	Nitrogen as nitrate + nitrite	2.5	2.5
KAFB-106204	GW204-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK	Alkalinity, total (as CaCO3)	94	94
KAFB-106204	GW204-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	94	94
KAFB-106204	GW204-204	10/10/2020	N	INITIAL	1	NONE	410-16376-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106204	GW204-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-89-6	Iron	< 0.1	0.1
KAFB-106204	GW204-204	10/15/2020	D	INITIAL	1	METHOD	410-16376-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106204	GW204-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7439-95-4	Magnesium	12	12
KAFB-106204	GW204-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-09-7	Potassium	3.6	3.6
KAFB-106204	GW204-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-23-5	Sodium	36	36
KAFB-106204	GW204-204	10/19/2020	T	INITIAL	1	SW3005	410-16376-1	7440-70-2	Calcium	89	89
KAFB-106204	GW204-204	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106204	GW204-204	10/12/2020	T	INITIAL	1	SW3020A	410-16376-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	METHOD	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-41-4	Ethylbenzene	< 0.8	0.8
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	100-42-5	Styrene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-01-5	Cis-1,3-dichloropropene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	10061-02-6	Trans-1,3-dichloropropene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	103-65-1	n-Propylbenzene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	104-51-8	n-Butylbenzene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-43-4	4-Chlorotoluene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-46-7	1,4-Dichlorobenzene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	106-93-4	1,2-Dibromoethane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-02-8	Acrolein	< 5	5

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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-06-2	1,2-Dichloroethane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	107-13-1	Acrylonitrile	< 1	1
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-05-4	Vinyl acetate	< 2	2
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-10-1	4-Methyl-2-pentanone	< 1	1
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-67-8	1,3,5-Trimethylbenzene	< 1	1
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-86-1	Bromobenzene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-88-3	Toluene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	108-90-7	Chlorobenzene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	120-82-1	1,2,4-Trichlorobenzene	< 1	1
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	124-48-1	Dibromochloromethane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	127-18-4	Tetrachloroethene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1330-20-7	Xylenes, total	< 2	2
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	135-98-8	sec-Butylbenzene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	142-28-9	1,3-Dichloropropane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-59-2	Cis-1,2-Dichloroethene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	156-60-5	Trans-1,2-Dichloroethene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	1634-04-4	Methyl tert-butyl ether	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	179601-23-1	m- & p-Xylenes	< 2	2
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	541-73-1	1,3-Dichlorobenzene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	56-23-5	Carbon tetrachloride	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	563-58-6	1,1-Dichloropropene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	591-78-6	2-Hexanone	< 1	1
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	594-20-7	2,2-Dichloropropane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-64-1	Acetone	< 2	2
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	67-66-3	Chloroform	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-43-2	Benzene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	71-55-6	1,1,1-Trichloroethane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-83-9	Bromomethane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-87-3	Chloromethane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-95-3	Dibromomethane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	74-97-5	Bromochloromethane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-00-3	Chloroethane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-01-4	Vinyl chloride	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-09-2	Methylene chloride	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-15-0	Carbon disulfide	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-25-2	Bromoform	< 2	2
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-27-4	Bromodichloromethane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-34-3	1,1-Dichloroethane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-35-4	1,1-Dichloroethene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-69-4	Trichlorofluoromethane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	75-71-8	Dichlorodifluoromethane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-87-5	1,2-Dichloropropane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	78-93-3	2-Butanone	< 1	1
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-00-5	1,1,2-Trichloroethane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-01-6	Trichloroethene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-61-6	1,2,3-Trichlorobenzene	< 1	1
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	87-68-3	Hexachloro-1,3-butadiene	< 4	4
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	91-20-3	Naphthalene	< 2	2
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-47-6	o-Xylene	< 0.8	0.8
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-49-8	2-Chlorotoluene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-50-1	1,2-Dichlorobenzene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	95-63-6	1,2,4-Trimethylbenzene	< 2	2
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	96-18-4	1,2,3-Trichloropropane	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-06-6	tert-Butylbenzene	< 1	1
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	98-82-8	Isopropylbenzene	< 0.5	0.5
KAFB-106204	GW204-204	10/15/2020	N	INITIAL	1	NONE	410-16376-1	99-87-6	4-Isopropyltoluene	< 0.5	0.5
KAFB-106201	GW201-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	24959-67-9	Bromide	< 2.0	2
KAFB-106201	GW201-204	10/15/2020	N	INITIAL	50	NONE	410-16534-1	14808-79-8	Sulfate	84	84
KAFB-106201	GW201-204	10/15/2020	N	INITIAL	50	NONE	410-16534-1	16887-00-6	Chloride	48	48
KAFB-106201	GW201-204	10/25/2020	N	INITIAL	1	NONE	410-16534-1	NNN	Nitrogen as nitrate + nitrite	1.8	1.8
KAFB-106201	GW201-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106201	GW201-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106201	GW201-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106201	GW201-204	10/14/2020	D	INITIAL	1	METHOD	410-16534-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106201	GW201-204	10/14/2020	D	INITIAL	1	METHOD	410-16534-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106201	GW201-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7439-95-4	Magnesium	8.8	8.8
KAFB-106201	GW201-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-09-7	Potassium	2.7	2.7
KAFB-106201	GW201-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-23-5	Sodium	30	30
KAFB-106201	GW201-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-70-2	Calcium	64	64
KAFB-106201	GW201-204	10/13/2020	T	INITIAL	1	SW3020A	410-16534-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106201	GW201-204	10/13/2020	T	INITIAL	1	SW3020A	410-16534-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106201	GW201-204	10/20/2020	N	INITIAL	1	METHOD	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-02-8	Acrolein	< 5.0	5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-64-1	Acetone	6.3	6.3

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-25-2	Bromoform	< 2.0	2
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106201	GW201-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106202	GW202-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	14808-79-8	Sulfate	38	38
KAFB-106202	GW202-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	16887-00-6	Chloride	21	21
KAFB-106202	GW202-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	24959-67-9	Bromide	< 2.0	2
KAFB-106202	GW202-204	10/25/2020	N	INITIAL	1	NONE	410-16534-1	NNN	Nitrogen as nitrate + nitrite	0.51	0.51
KAFB-106202	GW202-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106202	GW202-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106202	GW202-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106202	GW202-204	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106202	GW202-204	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106202	GW202-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7439-95-4	Magnesium	5.7	5.7
KAFB-106202	GW202-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-09-7	Potassium	2.4	2.4
KAFB-106202	GW202-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-23-5	Sodium	30	30
KAFB-106202	GW202-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-70-2	Calcium	42	42
KAFB-106202	GW202-204	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106202	GW202-204	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7440-38-2	Arsenic	0.00082	0.00082
KAFB-106202	GW202-204	10/20/2020	N	INITIAL	1	METHOD	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	103-65-1	n-Propylbenzene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-02-8	Acrolein	< 5.0	5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-64-1	Acetone	1.3	1.3
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-25-2	Bromoform	< 2.0	2
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	91-20-3	Naphthalene	< 2.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106202	GW202-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106203	GW203-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	14808-79-8	Sulfate	30	30
KAFB-106203	GW203-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	16887-00-6	Chloride	10	10
KAFB-106203	GW203-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	24959-67-9	Bromide	< 2.0	2
KAFB-106203	GW203-204	10/25/2020	N	INITIAL	1	NONE	410-16534-1	NNN	Nitrogen as nitrate + nitrite	0.044	0.044
KAFB-106203	GW203-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106203	GW203-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106203	GW203-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106203	GW203-204	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106203	GW203-204	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106203	GW203-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7439-95-4	Magnesium	4.9	4.9
KAFB-106203	GW203-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-09-7	Potassium	2.2	2.2
KAFB-106203	GW203-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-23-5	Sodium	21	21
KAFB-106203	GW203-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-70-2	Calcium	37	37
KAFB-106203	GW203-204	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106203	GW203-204	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7440-38-2	Arsenic	0.00086	0.00086
KAFB-106203	GW203-204	10/20/2020	N	INITIAL	1	METHOD	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-02-8	Acrolein	< 5.0	5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	56-23-5	Carbon tetrachloride	< 0.50	0.5

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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-64-1	Acetone	< 2.0	2
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-25-2	Bromoform	< 2.0	2
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106203	GW203-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106040	GW040-204	10/16/2020	N	INITIAL	5	NONE	410-16798-1	14808-79-8	Sulfate	55	55
KAFB-106040	GW040-204	10/16/2020	N	INITIAL	5	NONE	410-16798-1	16887-00-6	Chloride	25	25
KAFB-106040	GW040-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	24959-67-9	Bromide	< 20	20
KAFB-106040	GW040-204	11/1/2020	N	INITIAL	1	NONE	410-16798-1	NNN	Nitrogen as nitrate + nitrite	0.82	0.82
KAFB-106040	GW040-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106040	GW040-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106040	GW040-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106040	GW040-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7439-95-4	Magnesium	7.4	7.4
KAFB-106040	GW040-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-09-7	Potassium	2.6	2.6
KAFB-106040	GW040-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-23-5	Sodium	29	29
KAFB-106040	GW040-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-70-2	Calcium	54	54
KAFB-106040	GW040-204	10/16/2020	D	INITIAL	1	METHOD	410-16798-1	7439-89-6	Iron	0.044	0.044
KAFB-106040	GW040-204	10/16/2020	D	INITIAL	1	METHOD	410-16798-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106040	GW040-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7439-92-1	Lead	0.000074	0.000074
KAFB-106040	GW040-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106040	GW040-204	10/20/2020	N	INITIAL	1	METHOD	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-02-8	Acrolein	< 5.0	5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-88-3	Toluene	1.4	1.4
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-64-1	Acetone	< 2.0	2
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-25-2	Bromoform	< 2.0	2
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106040	GW040-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106219	GW219-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	14808-79-8	Sulfate	42	42
KAFB-106219	GW219-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	16887-00-6	Chloride	25	25
KAFB-106219	GW219-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	24959-67-9	Bromide	< 2.0	2
KAFB-106219	GW219-204	10/25/2020	N	INITIAL	1	NONE	410-16534-1	NNN	Nitrogen as nitrate + nitrite	0.93	0.93
KAFB-106219	GW219-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106219	GW219-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106219	GW219-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106219	GW219-204	10/14/2020	D	INITIAL	1	METHOD	410-16534-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106219	GW219-204	10/14/2020	D	INITIAL	1	METHOD	410-16534-1	7439-96-5	Manganese	0.0049	0.0049
KAFB-106219	GW219-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7439-95-4	Magnesium	6.6	6.6
KAFB-106219	GW219-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-09-7	Potassium	2.3	2.3
KAFB-106219	GW219-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-23-5	Sodium	21	21
KAFB-106219	GW219-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-70-2	Calcium	46	46
KAFB-106219	GW219-204	10/13/2020	T	INITIAL	1	SW3020A	410-16534-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106219	GW219-204	10/13/2020	T	INITIAL	1	SW3020A	410-16534-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106219	GW219-204	10/20/2020	N	INITIAL	1	METHOD	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-02-8	Acrolein	< 5.0	5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-64-1	Acetone	< 2.0	2
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-25-2	Bromoform	< 2.0	2
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106219	GW219-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106220	GW220-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	14808-79-8	Sulfate	29	29
KAFB-106220	GW220-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	16887-00-6	Chloride	12	12
KAFB-106220	GW220-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	24959-67-9	Bromide	< 2.0	2
KAFB-106220	GW220-204	10/25/2020	N	INITIAL	1	NONE	410-16534-1	NNN	Nitrogen as nitrate + nitrite	0.11	0.11
KAFB-106220	GW220-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106220	GW220-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106220	GW220-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106220	GW220-204	10/14/2020	D	INITIAL	1	METHOD	410-16534-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106220	GW220-204	10/14/2020	D	INITIAL	1	METHOD	410-16534-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106220	GW220-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7439-95-4	Magnesium	4.8	4.8
KAFB-106220	GW220-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-09-7	Potassium	2.1	2.1

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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106220	GW220-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-23-5	Sodium	19	19
KAFB-106220	GW220-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-70-2	Calcium	36	36
KAFB-106220	GW220-204	10/13/2020	T	INITIAL	1	SW3020A	410-16534-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106220	GW220-204	10/13/2020	T	INITIAL	1	SW3020A	410-16534-1	7440-38-2	Arsenic	0.00070	0.0007
KAFB-106220	GW220-204	10/20/2020	N	INITIAL	1	METHOD	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-02-8	Acrolein	< 5.0	5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-64-1	Acetone	< 2.0	2
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-25-2	Bromoform	< 2.0	2
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5

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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106220	GW220-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106221	GW221-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	14808-79-8	Sulfate	28	28
KAFB-106221	GW221-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	16887-00-6	Chloride	9.8	9.8
KAFB-106221	GW221-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	24959-67-9	Bromide	< 2.0	2
KAFB-106221	GW221-204	10/25/2020	N	INITIAL	1	NONE	410-16534-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106221	GW221-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106221	GW221-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106221	GW221-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106221	GW221-204	10/14/2020	D	INITIAL	1	METHOD	410-16534-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106221	GW221-204	10/14/2020	D	INITIAL	1	METHOD	410-16534-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106221	GW221-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7439-95-4	Magnesium	4.5	4.5
KAFB-106221	GW221-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-09-7	Potassium	2.1	2.1
KAFB-106221	GW221-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-23-5	Sodium	21	21
KAFB-106221	GW221-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-70-2	Calcium	35	35
KAFB-106221	GW221-204	10/13/2020	T	INITIAL	1	SW3020A	410-16534-1	7439-92-1	Lead	0.00025	0.00025
KAFB-106221	GW221-204	10/13/2020	T	INITIAL	1	SW3020A	410-16534-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106221	GW221-204	10/20/2020	N	INITIAL	1	METHOD	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-02-8	Acrolein	< 5.0	5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	124-48-1	Dibromochloromethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-64-1	Acetone	< 2.0	2
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-25-2	Bromoform	< 2.0	2
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106221	GW221-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106096	GW096-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	14808-79-8	Sulfate	27	27
KAFB-106096	GW096-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	16887-00-6	Chloride	7.7	7.7
KAFB-106096	GW096-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	24959-67-9	Bromide	< 2.0	2
KAFB-106096	GW096-204	10/25/2020	N	INITIAL	1	NONE	410-16534-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106096	GW096-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106096	GW096-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106096	GW096-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106096	GW096-204	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106096	GW096-204	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106096	GW096-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7439-95-4	Magnesium	4.5	4.5
KAFB-106096	GW096-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-09-7	Potassium	2.0	2
KAFB-106096	GW096-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-23-5	Sodium	21	21
KAFB-106096	GW096-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-70-2	Calcium	31	31
KAFB-106096	GW096-204	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7439-92-1	Lead	0.00021	0.00021
KAFB-106096	GW096-204	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7440-38-2	Arsenic	0.0015	0.0015
KAFB-106096	GW096-204	10/19/2020	N	INITIAL	1	METHOD	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-02-8	Acrolein	< 5.0	5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-88-3	Toluene	0.80	0.8
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-64-1	Acetone	< 2.0	2
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-09-2	Methylene chloride	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-25-2	Bromoform	< 2.0	2
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106096	GW096-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106096	GW096-604	10/15/2020	N	INITIAL	5	NONE	410-16534-1	14808-79-8	Sulfate	26	26
KAFB-106096	GW096-604	10/15/2020	N	INITIAL	5	NONE	410-16534-1	16887-00-6	Chloride	7.8	7.8
KAFB-106096	GW096-604	10/15/2020	N	INITIAL	5	NONE	410-16534-1	24959-67-9	Bromide	< 2.0	2
KAFB-106096	GW096-604	10/25/2020	N	INITIAL	1	NONE	410-16534-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106096	GW096-604	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106096	GW096-604	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106096	GW096-604	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106096	GW096-604	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106096	GW096-604	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106096	GW096-604	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7439-95-4	Magnesium	4.4	4.4
KAFB-106096	GW096-604	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-09-7	Potassium	2.0	2
KAFB-106096	GW096-604	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-23-5	Sodium	20	20
KAFB-106096	GW096-604	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-70-2	Calcium	30	30
KAFB-106096	GW096-604	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7439-92-1	Lead	0.00021	0.00021
KAFB-106096	GW096-604	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7440-38-2	Arsenic	0.0013	0.0013
KAFB-106096	GW096-604	10/19/2020	N	INITIAL	1	METHOD	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-02-8	Acrolein	< 5.0	5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-88-3	Toluene	0.83	0.83
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-64-1	Acetone	< 2.0	2
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-25-2	Bromoform	< 2.0	2
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106096	GW096-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106218	GW218-204	10/16/2020	N	INITIAL	5	NONE	410-16534-1	14808-79-8	Sulfate	26	26

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106218	GW218-204	10/16/2020	N	INITIAL	5	NONE	410-16534-1	16887-00-6	Chloride	8.7	8.7
KAFB-106218	GW218-204	10/16/2020	N	INITIAL	5	NONE	410-16534-1	24959-67-9	Bromide	< 2.0	2
KAFB-106218	GW218-204	10/25/2020	N	INITIAL	1	NONE	410-16534-1	NNN	Nitrogen as nitrate + nitrite	0.047	0.047
KAFB-106218	GW218-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106218	GW218-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106218	GW218-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106218	GW218-204	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106218	GW218-204	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106218	GW218-204	10/14/2020	T	INITIAL	1	SW3005	410-16534-1	7439-95-4	Magnesium	4.3	4.3
KAFB-106218	GW218-204	10/14/2020	T	INITIAL	1	SW3005	410-16534-1	7440-09-7	Potassium	2.1	2.1
KAFB-106218	GW218-204	10/14/2020	T	INITIAL	1	SW3005	410-16534-1	7440-23-5	Sodium	22	22
KAFB-106218	GW218-204	10/14/2020	T	INITIAL	1	SW3005	410-16534-1	7440-70-2	Calcium	35	35
KAFB-106218	GW218-204	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106218	GW218-204	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7440-38-2	Arsenic	0.00079	0.00079
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	METHOD	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	107-02-8	Acrolein	< 5.0	5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	67-64-1	Acetone	< 2.0	2
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	74-87-3	Chloromethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-25-2	Bromoform	< 2.0	2
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106218	GW218-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106217	GW217-204	10/16/2020	N	INITIAL	5	NONE	410-16534-1	14808-79-8	Sulfate	37	37
KAFB-106217	GW217-204	10/16/2020	N	INITIAL	5	NONE	410-16534-1	24959-67-9	Bromide	1.5	1.5
KAFB-106217	GW217-204	10/16/2020	N	INITIAL	50	NONE	410-16534-1	16887-00-6	Chloride	61	61
KAFB-106217	GW217-204	10/25/2020	N	INITIAL	1	NONE	410-16534-1	NNN	Nitrogen as nitrate + nitrite	1.3	1.3
KAFB-106217	GW217-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106217	GW217-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106217	GW217-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106217	GW217-204	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106217	GW217-204	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106217	GW217-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7439-95-4	Magnesium	7.0	7
KAFB-106217	GW217-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-09-7	Potassium	2.5	2.5
KAFB-106217	GW217-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-23-5	Sodium	24	24
KAFB-106217	GW217-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-70-2	Calcium	54	54
KAFB-106217	GW217-204	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106217	GW217-204	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	METHOD	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.020	0.02
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	107-02-8	Acrolein	< 5.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	67-64-1	Acetone	< 2.0	2
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-25-2	Bromoform	< 2.0	2
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106217	GW217-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106216	GW216-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	14808-79-8	Sulfate	30	30
KAFB-106216	GW216-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	16887-00-6	Chloride	26	26
KAFB-106216	GW216-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	24959-67-9	Bromide	< 2.0	2
KAFB-106216	GW216-204	10/25/2020	N	INITIAL	1	NONE	410-16534-1	NNN	Nitrogen as nitrate + nitrite	0.42	0.42
KAFB-106216	GW216-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106216	GW216-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106216	GW216-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106216	GW216-204	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106216	GW216-204	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106216	GW216-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7439-95-4	Magnesium	5.5	5.5
KAFB-106216	GW216-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-09-7	Potassium	2.2	2.2
KAFB-106216	GW216-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-23-5	Sodium	20	20
KAFB-106216	GW216-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-70-2	Calcium	40	40
KAFB-106216	GW216-204	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106216	GW216-204	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7440-38-2	Arsenic	0.00068	0.00068
KAFB-106216	GW216-204	10/20/2020	N	INITIAL	1	METHOD	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-02-8	Acrolein	< 5.0	5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-64-1	Acetone	< 20	20

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-25-2	Bromoform	< 2.0	2
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106216	GW216-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106095	GW095-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	14808-79-8	Sulfate	37	37
KAFB-106095	GW095-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	24959-67-9	Bromide	< 2.0	2
KAFB-106095	GW095-204	10/15/2020	N	INITIAL	50	NONE	410-16534-1	16887-00-6	Chloride	59	59
KAFB-106095	GW095-204	10/25/2020	N	INITIAL	1	NONE	410-16534-1	NNN	Nitrogen as nitrate + nitrite	0.25	0.25
KAFB-106095	GW095-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106095	GW095-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106095	GW095-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106095	GW095-204	10/16/2020	D	INITIAL	1	METHOD	410-16534-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106095	GW095-204	10/16/2020	D	INITIAL	1	METHOD	410-16534-1	7439-96-5	Manganese	0.026	0.026
KAFB-106095	GW095-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7439-95-4	Magnesium	8.5	8.5
KAFB-106095	GW095-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-09-7	Potassium	2.9	2.9
KAFB-106095	GW095-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-23-5	Sodium	27	27
KAFB-106095	GW095-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-70-2	Calcium	57	57
KAFB-106095	GW095-204	10/13/2020	T	INITIAL	1	SW3020A	410-16534-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106095	GW095-204	10/13/2020	T	INITIAL	1	SW3020A	410-16534-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106095	GW095-204	10/19/2020	N	INITIAL	1	METHOD	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	103-65-1	n-Propylbenzene	< 0.50	0.5

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	107-02-8	Acrolein	< 5.0	5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	108-88-3	Toluene	0.61	0.61
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	67-64-1	Acetone	1.6	1.6
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	75-25-2	Bromoform	< 2.0	2
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	91-20-3	Naphthalene	< 2.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106095	GW095-204	10/21/2020	N	INITIAL	1	NONE	410-16534-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106225	GW225-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	24959-67-9	Bromide	< 2.0	2
KAFB-106225	GW225-204	10/15/2020	N	INITIAL	50	NONE	410-16534-1	14808-79-8	Sulfate	79	79
KAFB-106225	GW225-204	10/15/2020	N	INITIAL	50	NONE	410-16534-1	16887-00-6	Chloride	44	44
KAFB-106225	GW225-204	10/25/2020	N	INITIAL	1	NONE	410-16534-1	NNN	Nitrogen as nitrate + nitrite	1.3	1.3
KAFB-106225	GW225-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106225	GW225-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106225	GW225-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106225	GW225-204	10/12/2020	T	INITIAL	1	SW3005	410-16534-1	7439-95-4	Magnesium	7.8	7.8
KAFB-106225	GW225-204	10/12/2020	T	INITIAL	1	SW3005	410-16534-1	7440-09-7	Potassium	2.7	2.7
KAFB-106225	GW225-204	10/12/2020	T	INITIAL	1	SW3005	410-16534-1	7440-23-5	Sodium	26	26
KAFB-106225	GW225-204	10/12/2020	T	INITIAL	1	SW3005	410-16534-1	7440-70-2	Calcium	56	56
KAFB-106225	GW225-204	10/14/2020	D	INITIAL	1	METHOD	410-16534-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106225	GW225-204	10/14/2020	D	INITIAL	1	METHOD	410-16534-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106225	GW225-204	10/13/2020	T	INITIAL	1	SW3020A	410-16534-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106225	GW225-204	10/13/2020	T	INITIAL	1	SW3020A	410-16534-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106225	GW225-204	10/20/2020	N	INITIAL	1	METHOD	410-16534-1	106-93-4	1,2-Dibromoethane	0.017	0.017
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-02-8	Acrolein	< 5.0	5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	56-23-5	Carbon tetrachloride	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-64-1	Acetone	< 2.0	2
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-25-2	Bromoform	< 2.0	2
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106225	GW225-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106225	GW225-604	10/15/2020	N	INITIAL	5	NONE	410-16534-1	24959-67-9	Bromide	< 2.0	2
KAFB-106225	GW225-604	10/15/2020	N	INITIAL	50	NONE	410-16534-1	14808-79-8	Sulfate	80	80
KAFB-106225	GW225-604	10/15/2020	N	INITIAL	50	NONE	410-16534-1	16887-00-6	Chloride	40	40
KAFB-106225	GW225-604	10/25/2020	N	INITIAL	1	NONE	410-16534-1	NNN	Nitrogen as nitrate + nitrite	1.2	1.2
KAFB-106225	GW225-604	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106225	GW225-604	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106225	GW225-604	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106225	GW225-604	10/14/2020	D	INITIAL	1	METHOD	410-16534-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106225	GW225-604	10/14/2020	D	INITIAL	1	METHOD	410-16534-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106225	GW225-604	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7439-95-4	Magnesium	8.7	8.7
KAFB-106225	GW225-604	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-09-7	Potassium	3.1	3.1
KAFB-106225	GW225-604	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-23-5	Sodium	28	28
KAFB-106225	GW225-604	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-70-2	Calcium	62	62
KAFB-106225	GW225-604	10/13/2020	T	INITIAL	1	SW3020A	410-16534-1	7439-92-1	Lead	0.000089	0.000089
KAFB-106225	GW225-604	10/13/2020	T	INITIAL	1	SW3020A	410-16534-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106225	GW225-604	10/20/2020	N	INITIAL	1	METHOD	410-16534-1	106-93-4	1,2-Dibromoethane	0.021	0.021

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-02-8	Acrolein	< 5.0	5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-64-1	Acetone	< 2.0	2
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-25-2	Bromoform	< 2.0	2
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106225	GW225-604	10/17/2020	N	INITIAL	1	NONE	410-16534-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106226	GW226-204	10/16/2020	N	INITIAL	5	NONE	410-16534-1	14808-79-8	Sulfate	37	37
KAFB-106226	GW226-204	10/16/2020	N	INITIAL	5	NONE	410-16534-1	16887-00-6	Chloride	16	16
KAFB-106226	GW226-204	10/16/2020	N	INITIAL	5	NONE	410-16534-1	24959-67-9	Bromide	< 2.0	2
KAFB-106226	GW226-204	10/25/2020	N	INITIAL	1	NONE	410-16534-1	NNN	Nitrogen as nitrate + nitrite	0.089	0.089
KAFB-106226	GW226-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106226	GW226-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106226	GW226-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106226	GW226-204	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106226	GW226-204	10/13/2020	D	INITIAL	1	METHOD	410-16534-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106226	GW226-204	10/14/2020	T	INITIAL	1	SW3005	410-16534-1	7439-95-4	Magnesium	5.9	5.9
KAFB-106226	GW226-204	10/14/2020	T	INITIAL	1	SW3005	410-16534-1	7440-09-7	Potassium	2.3	2.3
KAFB-106226	GW226-204	10/14/2020	T	INITIAL	1	SW3005	410-16534-1	7440-23-5	Sodium	24	24
KAFB-106226	GW226-204	10/14/2020	T	INITIAL	1	SW3005	410-16534-1	7440-70-2	Calcium	42	42
KAFB-106226	GW226-204	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106226	GW226-204	10/15/2020	T	INITIAL	1	SW3020A	410-16534-1	7440-38-2	Arsenic	0.00069	0.00069
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	METHOD	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	107-02-8	Acrolein	< 5.0	5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	67-64-1	Acetone	< 2.0	2
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-25-2	Bromoform	< 2.0	2
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106226	GW226-204	10/19/2020	N	INITIAL	1	NONE	410-16534-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106227	GW227-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	14808-79-8	Sulfate	41	41
KAFB-106227	GW227-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	16887-00-6	Chloride	18	18
KAFB-106227	GW227-204	10/15/2020	N	INITIAL	5	NONE	410-16534-1	24959-67-9	Bromide	< 2.0	2
KAFB-106227	GW227-204	10/25/2020	N	INITIAL	1	NONE	410-16534-1	NNN	Nitrogen as nitrate + nitrite	0.21	0.21
KAFB-106227	GW227-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106227	GW227-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106227	GW227-204	10/10/2020	N	INITIAL	1	NONE	410-16534-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106227	GW227-204	10/14/2020	D	INITIAL	1	METHOD	410-16534-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106227	GW227-204	10/14/2020	D	INITIAL	1	METHOD	410-16534-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106227	GW227-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7439-95-4	Magnesium	5.6	5.6
KAFB-106227	GW227-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-09-7	Potassium	2.4	2.4

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106227	GW227-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-23-5	Sodium	24	24
KAFB-106227	GW227-204	10/18/2020	T	INITIAL	1	SW3005	410-16534-1	7440-70-2	Calcium	40	40
KAFB-106227	GW227-204	10/13/2020	T	INITIAL	1	SW3020A	410-16534-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106227	GW227-204	10/13/2020	T	INITIAL	1	SW3020A	410-16534-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106227	GW227-204	10/20/2020	N	INITIAL	1	METHOD	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-02-8	Acrolein	< 5.0	5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-64-1	Acetone	< 2.0	2
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-25-2	Bromoform	< 2.0	2
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106227	GW227-204	10/17/2020	N	INITIAL	1	NONE	410-16534-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106032	GW032-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	14808-79-8	Sulfate	140	140
KAFB-106032	GW032-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	16887-00-6	Chloride	84	84
KAFB-106032	GW032-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	24959-67-9	Bromide	< 20	20
KAFB-106032	GW032-204	11/1/2020	N	INITIAL	1	NONE	410-16798-1	NNN	Nitrogen as nitrate + nitrite	2.3	2.3
KAFB-106032	GW032-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK	Alkalinity, total (as CaCO3)	85	85
KAFB-106032	GW032-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	85	85
KAFB-106032	GW032-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106032	GW032-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7439-95-4	Magnesium	13	13
KAFB-106032	GW032-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-09-7	Potassium	3.4	3.4
KAFB-106032	GW032-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-23-5	Sodium	30	30
KAFB-106032	GW032-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-70-2	Calcium	89	89
KAFB-106032	GW032-204	10/16/2020	D	INITIAL	1	METHOD	410-16798-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106032	GW032-204	10/16/2020	D	INITIAL	1	METHOD	410-16798-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106032	GW032-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106032	GW032-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7440-38-2	Arsenic	0.00068	0.00068
KAFB-106032	GW032-204	10/20/2020	N	INITIAL	1	METHOD	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	107-02-8	Acrolein	< 5.0	5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	124-48-1	Dibromochloromethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	67-64-1	Acetone	< 2.0	2
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	75-25-2	Bromoform	< 2.0	2
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106032	GW032-204	10/18/2020	N	INITIAL	1	NONE	410-16798-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106033	GW033-204	10/17/2020	N	INITIAL	5	NONE	410-16827-1	24959-67-9	Bromide	< 2.0	2
KAFB-106033	GW033-204	10/17/2020	N	INITIAL	50	NONE	410-16827-1	14808-79-8	Sulfate	96	96
KAFB-106033	GW033-204	10/17/2020	N	INITIAL	50	NONE	410-16827-1	16887-00-6	Chloride	70	70
KAFB-106033	GW033-204	11/1/2020	N	INITIAL	1	NONE	410-16827-1	NNN	Nitrogen as nitrate + nitrite	1.7	1.7
KAFB-106033	GW033-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK	Alkalinity, total (as CaCO3)	75	75
KAFB-106033	GW033-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	75	75

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106033	GW033-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106033	GW033-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106033	GW033-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106033	GW033-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7439-95-4	Magnesium	12	12
KAFB-106033	GW033-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-09-7	Potassium	2.6	2.6
KAFB-106033	GW033-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-23-5	Sodium	27	27
KAFB-106033	GW033-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-70-2	Calcium	79	79
KAFB-106033	GW033-204	10/15/2020	T	INITIAL	1	SW3020A	410-16827-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106033	GW033-204	10/15/2020	T	INITIAL	1	SW3020A	410-16827-1	7440-38-2	Arsenic	0.00073	0.00073
KAFB-106033	GW033-204	10/20/2020	N	INITIAL	1	METHOD	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-02-8	Acrolein	< 5.0	5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	67-64-1	Acetone	< 2.0	2
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-09-2	Methylene chloride	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-25-2	Bromoform	< 2.0	2
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106033	GW033-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106034	GW034-204	10/16/2020	N	INITIAL	5	NONE	410-16798-1	14808-79-8	Sulfate	68	68
KAFB-106034	GW034-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	16887-00-6	Chloride	48	48
KAFB-106034	GW034-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	24959-67-9	Bromide	< 20	20
KAFB-106034	GW034-204	11/1/2020	N	INITIAL	1	NONE	410-16798-1	NNN	Nitrogen as nitrate + nitrite	0.98	0.98
KAFB-106034	GW034-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK	Alkalinity, total (as CaCO3)	89	89
KAFB-106034	GW034-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	89	89
KAFB-106034	GW034-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106034	GW034-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7439-95-4	Magnesium	8.7	8.7
KAFB-106034	GW034-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-09-7	Potassium	2.9	2.9
KAFB-106034	GW034-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-23-5	Sodium	24	24
KAFB-106034	GW034-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-70-2	Calcium	59	59
KAFB-106034	GW034-204	10/20/2020	D	INITIAL	1	METHOD	410-16798-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106034	GW034-204	10/20/2020	D	INITIAL	1	METHOD	410-16798-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106034	GW034-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106034	GW034-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106034	GW034-204	10/20/2020	N	INITIAL	1	METHOD	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-02-8	Acrolein	< 5.0	5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-64-1	Acetone	0.88	0.88
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-25-2	Bromoform	< 2.0	2
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106034	GW034-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106019	GW019-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	14808-79-8	Sulfate	79	79

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106019	GW019-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	16887-00-6	Chloride	96	96
KAFB-106019	GW019-204	11/2/2020	N	INITIAL	5	NONE	410-16798-1	24959-67-9	Bromide	1.5	1.5
KAFB-106019	GW019-204	11/1/2020	N	INITIAL	1	NONE	410-16798-1	NNN	Nitrogen as nitrate + nitrite	2.5	2.5
KAFB-106019	GW019-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK	Alkalinity, total (as CaCO3)	140	140
KAFB-106019	GW019-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	140	140
KAFB-106019	GW019-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106019	GW019-204	10/15/2020	D	INITIAL	1	METHOD	410-16798-1	7439-89-6	Iron	0.80	0.8
KAFB-106019	GW019-204	10/15/2020	D	INITIAL	1	METHOD	410-16798-1	7439-96-5	Manganese	0.75	0.75
KAFB-106019	GW019-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7439-95-4	Magnesium	13	13
KAFB-106019	GW019-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-09-7	Potassium	3.2	3.2
KAFB-106019	GW019-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-23-5	Sodium	37	37
KAFB-106019	GW019-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-70-2	Calcium	82	82
KAFB-106019	GW019-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7439-92-1	Lead	0.00028	0.00028
KAFB-106019	GW019-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7440-38-2	Arsenic	0.0015	0.0015
KAFB-106019	GW019-204	10/20/2020	N	INITIAL	1	METHOD	410-16798-1	106-93-4	1,2-Dibromoethane	0.026	0.026
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-02-8	Acrolein	< 5.0	5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-88-3	Toluene	1.5	1.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-64-1	Acetone	10	10
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-87-3	Chloromethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-25-2	Bromoform	< 2.0	2
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106019	GW019-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106041	GW041-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	14808-79-8	Sulfate	120	120
KAFB-106041	GW041-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	16887-00-6	Chloride	68	68
KAFB-106041	GW041-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	24959-67-9	Bromide	< 20	20
KAFB-106041	GW041-204	11/1/2020	N	INITIAL	1	NONE	410-16798-1	NNN	Nitrogen as nitrate + nitrite	1.8	1.8
KAFB-106041	GW041-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106041	GW041-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106041	GW041-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106041	GW041-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7439-95-4	Magnesium	12	12
KAFB-106041	GW041-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-09-7	Potassium	3.8	3.8
KAFB-106041	GW041-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-23-5	Sodium	33	33
KAFB-106041	GW041-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-70-2	Calcium	89	89
KAFB-106041	GW041-204	10/16/2020	D	INITIAL	1	METHOD	410-16798-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106041	GW041-204	10/16/2020	D	INITIAL	1	METHOD	410-16798-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106041	GW041-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106041	GW041-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106041	GW041-204	10/20/2020	N	INITIAL	1	METHOD	410-16798-1	106-93-4	1,2-Dibromoethane	0.074	0.074
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-02-8	Acrolein	< 5.0	5

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-64-1	Acetone	1.0	1
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-25-2	Bromoform	< 2.0	2
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106041	GW041-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106042	GW042-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	14808-79-8	Sulfate	150	150
KAFB-106042	GW042-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	16887-00-6	Chloride	89	89
KAFB-106042	GW042-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	24959-67-9	Bromide	< 20	20
KAFB-106042	GW042-204	11/1/2020	N	INITIAL	1	NONE	410-16798-1	NNN	Nitrogen as nitrate + nitrite	2.1	2.1
KAFB-106042	GW042-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK	Alkalinity, total (as CaCO3)	97	97
KAFB-106042	GW042-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	97	97
KAFB-106042	GW042-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106042	GW042-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7439-95-4	Magnesium	15	15
KAFB-106042	GW042-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-09-7	Potassium	4.1	4.1
KAFB-106042	GW042-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-23-5	Sodium	36	36
KAFB-106042	GW042-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-70-2	Calcium	110	110
KAFB-106042	GW042-204	10/16/2020	D	INITIAL	1	METHOD	410-16798-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106042	GW042-204	10/16/2020	D	INITIAL	1	METHOD	410-16798-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106042	GW042-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106042	GW042-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106042	GW042-204	10/20/2020	N	INITIAL	1	METHOD	410-16798-1	106-93-4	1,2-Dibromoethane	0.043	0.043
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-02-8	Acrolein	< 5.0	5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-64-1	Acetone	< 2.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-25-2	Bromoform	< 2.0	2
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106042	GW042-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106106	GW106-204	10/16/2020	N	INITIAL	5	NONE	410-16798-1	14808-79-8	Sulfate	50	50
KAFB-106106	GW106-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	16887-00-6	Chloride	37	37
KAFB-106106	GW106-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	24959-67-9	Bromide	< 20	20
KAFB-106106	GW106-204	11/1/2020	N	INITIAL	1	NONE	410-16798-1	NNN	Nitrogen as nitrate + nitrite	0.83	0.83
KAFB-106106	GW106-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK	Alkalinity, total (as CaCO3)	99	99
KAFB-106106	GW106-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	99	99
KAFB-106106	GW106-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106106	GW106-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7439-95-4	Magnesium	6.8	6.8
KAFB-106106	GW106-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-09-7	Potassium	2.9	2.9
KAFB-106106	GW106-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-23-5	Sodium	25	25
KAFB-106106	GW106-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-70-2	Calcium	49	49
KAFB-106106	GW106-204	10/16/2020	D	INITIAL	1	METHOD	410-16798-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106106	GW106-204	10/16/2020	D	INITIAL	1	METHOD	410-16798-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106106	GW106-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106106	GW106-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106106	GW106-204	10/20/2020	N	INITIAL	1	METHOD	410-16798-1	106-93-4	1,2-Dibromoethane	0.027	0.027
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	103-65-1	n-Propylbenzene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-02-8	Acrolein	< 5.0	5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-64-1	Acetone	< 2.0	2
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-25-2	Bromoform	< 2.0	2
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	91-20-3	Naphthalene	< 2.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106106	GW106-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106106	GW106-604	10/16/2020	N	INITIAL	5	NONE	410-16798-1	14808-79-8	Sulfate	51	51
KAFB-106106	GW106-604	10/16/2020	N	INITIAL	5	NONE	410-16798-1	24959-67-9	Bromide	< 2.0	2
KAFB-106106	GW106-604	10/16/2020	N	INITIAL	50	NONE	410-16798-1	16887-00-6	Chloride	34	34
KAFB-106106	GW106-604	11/1/2020	N	INITIAL	1	NONE	410-16798-1	NNN	Nitrogen as nitrate + nitrite	0.85	0.85
KAFB-106106	GW106-604	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK	Alkalinity, total (as CaCO3)	96	96
KAFB-106106	GW106-604	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	96	96
KAFB-106106	GW106-604	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106106	GW106-604	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7439-95-4	Magnesium	7.1	7.1
KAFB-106106	GW106-604	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-09-7	Potassium	3.1	3.1
KAFB-106106	GW106-604	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-23-5	Sodium	26	26
KAFB-106106	GW106-604	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-70-2	Calcium	51	51
KAFB-106106	GW106-604	10/20/2020	D	INITIAL	1	METHOD	410-16798-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106106	GW106-604	10/20/2020	D	INITIAL	1	METHOD	410-16798-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106106	GW106-604	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106106	GW106-604	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7440-38-2	Arsenic	0.00079	0.00079
KAFB-106106	GW106-604	10/20/2020	N	INITIAL	1	METHOD	410-16798-1	106-93-4	1,2-Dibromoethane	0.030	0.03
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-02-8	Acrolein	< 5.0	5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	56-23-5	Carbon tetrachloride	< 0.50	0.5

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-64-1	Acetone	< 2.0	2
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-25-2	Bromoform	< 2.0	2
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106106	GW106-604	10/19/2020	N	INITIAL	1	NONE	410-16798-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106058	GW058-204	10/16/2020	N	INITIAL	5	NONE	410-16798-1	14808-79-8	Sulfate	28	28
KAFB-106058	GW058-204	10/16/2020	N	INITIAL	5	NONE	410-16798-1	16887-00-6	Chloride	11	11
KAFB-106058	GW058-204	11/2/2020	N	INITIAL	5	NONE	410-16798-1	24959-67-9	Bromide	< 2.0	2
KAFB-106058	GW058-204	11/1/2020	N	INITIAL	1	NONE	410-16798-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106058	GW058-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106058	GW058-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106058	GW058-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106058	GW058-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7439-95-4	Magnesium	5.3	5.3
KAFB-106058	GW058-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-09-7	Potassium	2.2	2.2
KAFB-106058	GW058-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-23-5	Sodium	23	23
KAFB-106058	GW058-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-70-2	Calcium	38	38
KAFB-106058	GW058-204	10/16/2020	D	INITIAL	1	METHOD	410-16798-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106058	GW058-204	10/16/2020	D	INITIAL	1	METHOD	410-16798-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106058	GW058-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106058	GW058-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7440-38-2	Arsenic	0.00074	0.00074
KAFB-106058	GW058-204	10/20/2020	N	INITIAL	1	METHOD	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-02-8	Acrolein	< 5.0	5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-64-1	Acetone	< 2.0	2
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-25-2	Bromoform	< 2.0	2
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106058	GW058-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106045	GW045-204	10/16/2020	N	INITIAL	5	NONE	410-16798-1	14808-79-8	Sulfate	25	25
KAFB-106045	GW045-204	10/16/2020	N	INITIAL	5	NONE	410-16798-1	16887-00-6	Chloride	8.1	8.1
KAFB-106045	GW045-204	11/2/2020	N	INITIAL	5	NONE	410-16798-1	24959-67-9	Bromide	< 2.0	2
KAFB-106045	GW045-204	11/1/2020	N	INITIAL	1	NONE	410-16798-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106045	GW045-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106045	GW045-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106045	GW045-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106045	GW045-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7439-95-4	Magnesium	4.8	4.8
KAFB-106045	GW045-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-09-7	Potassium	2.1	2.1
KAFB-106045	GW045-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-23-5	Sodium	21	21
KAFB-106045	GW045-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-70-2	Calcium	32	32
KAFB-106045	GW045-204	10/16/2020	D	INITIAL	1	METHOD	410-16798-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106045	GW045-204	10/16/2020	D	INITIAL	1	METHOD	410-16798-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106045	GW045-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106045	GW045-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7440-38-2	Arsenic	0.00097	0.00097
KAFB-106045	GW045-204	10/20/2020	N	INITIAL	1	METHOD	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-02-8	Acrolein	< 5.0	5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-88-3	Toluene	0.68	0.68
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-64-1	Acetone	< 2.0	2
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-25-2	Bromoform	< 2.0	2
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106045	GW045-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106055	GW055-204	10/16/2020	N	INITIAL	5	NONE	410-16798-1	14808-79-8	Sulfate	54	54
KAFB-106055	GW055-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	16887-00-6	Chloride	60	60
KAFB-106055	GW055-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	24959-67-9	Bromide	< 20	20
KAFB-106055	GW055-204	11/1/2020	N	INITIAL	1	NONE	410-16798-1	NNN	Nitrogen as nitrate + nitrite	0.050	0.05
KAFB-106055	GW055-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK	Alkalinity, total (as CaCO3)	140	140
KAFB-106055	GW055-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	140	140
KAFB-106055	GW055-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106055	GW055-204	10/15/2020	D	INITIAL	1	METHOD	410-16798-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106055	GW055-204	10/15/2020	D	INITIAL	1	METHOD	410-16798-1	7439-96-5	Manganese	0.0083	0.0083
KAFB-106055	GW055-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7439-95-4	Magnesium	9.0	9
KAFB-106055	GW055-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-09-7	Potassium	2.9	2.9

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106055	GW055-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-23-5	Sodium	30	30
KAFB-106055	GW055-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-70-2	Calcium	64	64
KAFB-106055	GW055-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7439-92-1	Lead	0.000078	0.000078
KAFB-106055	GW055-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106055	GW055-204	10/20/2020	N	INITIAL	1	METHOD	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-02-8	Acrolein	< 5.0	5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-06-2	1,2-Dichloroethane	0.60	0.6
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-64-1	Acetone	1.6	1.6
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-25-2	Bromoform	< 2.0	2
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106055	GW055-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106057	GW057-204	10/16/2020	N	INITIAL	5	NONE	410-16798-1	14808-79-8	Sulfate	35	35
KAFB-106057	GW057-204	10/16/2020	N	INITIAL	5	NONE	410-16798-1	16887-00-6	Chloride	18	18
KAFB-106057	GW057-204	11/2/2020	N	INITIAL	5	NONE	410-16798-1	24959-67-9	Bromide	< 2.0	2
KAFB-106057	GW057-204	11/1/2020	N	INITIAL	1	NONE	410-16798-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106057	GW057-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106057	GW057-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106057	GW057-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106057	GW057-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7439-95-4	Magnesium	6.4	6.4
KAFB-106057	GW057-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-09-7	Potassium	2.4	2.4
KAFB-106057	GW057-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-23-5	Sodium	25	25
KAFB-106057	GW057-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-70-2	Calcium	46	46
KAFB-106057	GW057-204	10/16/2020	D	INITIAL	1	METHOD	410-16798-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106057	GW057-204	10/16/2020	D	INITIAL	1	METHOD	410-16798-1	7439-96-5	Manganese	0.016	0.016
KAFB-106057	GW057-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106057	GW057-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106057	GW057-204	10/20/2020	N	INITIAL	1	METHOD	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-02-8	Acrolein	< 5.0	5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-06-2	1,2-Dichloroethane	0.33	0.33
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	124-48-1	Dibromochloromethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-64-1	Acetone	1.6	1.6
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-25-2	Bromoform	< 2.0	2
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106057	GW057-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106093	GW093-204	10/16/2020	N	INITIAL	5	NONE	410-16798-1	14808-79-8	Sulfate	50	50
KAFB-106093	GW093-204	10/16/2020	N	INITIAL	5	NONE	410-16798-1	24959-67-9	Bromide	< 2.0	2
KAFB-106093	GW093-204	10/16/2020	N	INITIAL	50	NONE	410-16798-1	16887-00-6	Chloride	51	51
KAFB-106093	GW093-204	11/1/2020	N	INITIAL	1	NONE	410-16798-1	NNN	Nitrogen as nitrate + nitrite	1.2	1.2
KAFB-106093	GW093-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK	Alkalinity, total (as CaCO3)	91	91
KAFB-106093	GW093-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	91	91

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106093	GW093-204	10/14/2020	N	INITIAL	1	NONE	410-16798-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106093	GW093-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7439-95-4	Magnesium	6.5	6.5
KAFB-106093	GW093-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-09-7	Potassium	2.6	2.6
KAFB-106093	GW093-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-23-5	Sodium	30	30
KAFB-106093	GW093-204	10/16/2020	T	INITIAL	1	SW3005	410-16798-1	7440-70-2	Calcium	48	48
KAFB-106093	GW093-204	10/20/2020	D	INITIAL	1	METHOD	410-16798-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106093	GW093-204	10/20/2020	D	INITIAL	1	METHOD	410-16798-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106093	GW093-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106093	GW093-204	10/13/2020	T	INITIAL	1	SW3020A	410-16798-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106093	GW093-204	10/20/2020	N	INITIAL	1	METHOD	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-02-8	Acrolein	< 5.0	5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-64-1	Acetone	< 2.0	2
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-09-2	Methylene chloride	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-25-2	Bromoform	< 2.0	2
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106093	GW093-204	10/19/2020	N	INITIAL	1	NONE	410-16798-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106092	GW092-204	10/17/2020	N	INITIAL	50	NONE	410-16827-1	14808-79-8	Sulfate	90	90
KAFB-106092	GW092-204	10/17/2020	N	INITIAL	50	NONE	410-16827-1	16887-00-6	Chloride	65	65
KAFB-106092	GW092-204	10/17/2020	N	INITIAL	50	NONE	410-16827-1	24959-67-9	Bromide	< 20	20
KAFB-106092	GW092-204	11/1/2020	N	INITIAL	1	NONE	410-16827-1	NNN	Nitrogen as nitrate + nitrite	1.6	1.6
KAFB-106092	GW092-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK	Alkalinity, total (as CaCO3)	95	95
KAFB-106092	GW092-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	95	95
KAFB-106092	GW092-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106092	GW092-204	10/14/2020	T	INITIAL	1	SW3005	410-16827-1	7439-95-4	Magnesium	9.3	9.3
KAFB-106092	GW092-204	10/14/2020	T	INITIAL	1	SW3005	410-16827-1	7440-23-5	Sodium	29	29
KAFB-106092	GW092-204	10/14/2020	T	INITIAL	1	SW3005	410-16827-1	7440-70-2	Calcium	68	68
KAFB-106092	GW092-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106092	GW092-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106092	GW092-204	10/15/2020	T	INITIAL	1	SW3005	410-16827-1	7440-09-7	Potassium	3.4	3.4
KAFB-106092	GW092-204	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106092	GW092-204	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7440-38-2	Arsenic	0.00079	0.00079
KAFB-106092	GW092-204	10/20/2020	N	INITIAL	1	METHOD	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	107-02-8	Acrolein	< 5.0	5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	67-64-1	Acetone	< 2.0	2
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-25-2	Bromoform	< 2.0	2
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106092	GW092-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106037	GW037-204	10/17/2020	N	INITIAL	5	NONE	410-16827-1	14808-79-8	Sulfate	33	33

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106037	GW037-204	10/17/2020	N	INITIAL	5	NONE	410-16827-1	16887-00-6	Chloride	14	14
KAFB-106037	GW037-204	10/17/2020	N	INITIAL	5	NONE	410-16827-1	24959-67-9	Bromide	< 2.0	2
KAFB-106037	GW037-204	11/1/2020	N	INITIAL	1	NONE	410-16827-1	NNN	Nitrogen as nitrate + nitrite	0.27	0.27
KAFB-106037	GW037-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106037	GW037-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106037	GW037-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106037	GW037-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106037	GW037-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106037	GW037-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7439-95-4	Magnesium	5.0	5
KAFB-106037	GW037-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-09-7	Potassium	1.7	1.7
KAFB-106037	GW037-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-23-5	Sodium	22	22
KAFB-106037	GW037-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-70-2	Calcium	36	36
KAFB-106037	GW037-204	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106037	GW037-204	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7440-38-2	Arsenic	0.00087	0.00087
KAFB-106037	GW037-204	10/20/2020	N	INITIAL	1	METHOD	410-16827-1	106-93-4	1,2-Dibromoethane	0.059	0.059
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-02-8	Acrolein	< 5.0	5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	67-64-1	Acetone	< 2.0	2
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-87-3	Chloromethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-25-2	Bromoform	< 2.0	2
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106037	GW037-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106037	GW037-604	10/17/2020	N	INITIAL	5	NONE	410-16827-1	14808-79-8	Sulfate	35	35
KAFB-106037	GW037-604	10/17/2020	N	INITIAL	5	NONE	410-16827-1	16887-00-6	Chloride	15	15
KAFB-106037	GW037-604	10/17/2020	N	INITIAL	5	NONE	410-16827-1	24959-67-9	Bromide	< 2.0	2
KAFB-106037	GW037-604	11/1/2020	N	INITIAL	1	NONE	410-16827-1	NNN	Nitrogen as nitrate + nitrite	0.26	0.26
KAFB-106037	GW037-604	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106037	GW037-604	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106037	GW037-604	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106037	GW037-604	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106037	GW037-604	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106037	GW037-604	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7439-95-4	Magnesium	5.2	5.2
KAFB-106037	GW037-604	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-09-7	Potassium	1.8	1.8
KAFB-106037	GW037-604	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-23-5	Sodium	22	22
KAFB-106037	GW037-604	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-70-2	Calcium	38	38
KAFB-106037	GW037-604	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106037	GW037-604	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7440-38-2	Arsenic	0.0010	0.001
KAFB-106037	GW037-604	10/20/2020	N	INITIAL	1	METHOD	410-16827-1	106-93-4	1,2-Dibromoethane	0.090	0.09
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-02-8	Acrolein	< 5.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	67-64-1	Acetone	< 2.0	2
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-25-2	Bromoform	< 2.0	2
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106037	GW037-604	10/21/2020	N	INITIAL	1	NONE	410-16827-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106035	GW035-204	10/17/2020	N	INITIAL	5	NONE	410-16827-1	14808-79-8	Sulfate	39	39
KAFB-106035	GW035-204	10/17/2020	N	INITIAL	5	NONE	410-16827-1	16887-00-6	Chloride	18	18
KAFB-106035	GW035-204	10/17/2020	N	INITIAL	5	NONE	410-16827-1	24959-67-9	Bromide	< 2.0	2
KAFB-106035	GW035-204	11/1/2020	N	INITIAL	1	NONE	410-16827-1	NNN	Nitrogen as nitrate + nitrite	0.049	0.049
KAFB-106035	GW035-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK	Alkalinity, total (as CaCO3)	140	140
KAFB-106035	GW035-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	140	140
KAFB-106035	GW035-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106035	GW035-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106035	GW035-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106035	GW035-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7439-95-4	Magnesium	6.2	6.2
KAFB-106035	GW035-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-09-7	Potassium	2.0	2
KAFB-106035	GW035-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-23-5	Sodium	25	25
KAFB-106035	GW035-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-70-2	Calcium	45	45
KAFB-106035	GW035-204	10/15/2020	T	INITIAL	1	SW3020A	410-16827-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106035	GW035-204	10/15/2020	T	INITIAL	1	SW3020A	410-16827-1	7440-38-2	Arsenic	0.00097	0.00097
KAFB-106035	GW035-204	10/20/2020	N	INITIAL	1	METHOD	410-16827-1	106-93-4	1,2-Dibromoethane	0.060	0.06
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	107-02-8	Acrolein	< 5.0	5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	107-06-2	1,2-Dichloroethane	0.80	0.8
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	67-64-1	Acetone	4.7	4.7

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	75-25-2	Bromoform	< 2.0	2
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106035	GW035-204	10/22/2020	N	INITIAL	1	NONE	410-16827-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106091	GW091-204	10/16/2020	N	INITIAL	50	NONE	410-16827-1	14808-79-8	Sulfate	77	77
KAFB-106091	GW091-204	10/16/2020	N	INITIAL	50	NONE	410-16827-1	16887-00-6	Chloride	67	67
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	5	NONE	410-16827-1	24959-67-9	Bromide	< 2.0	2
KAFB-106091	GW091-204	11/1/2020	N	INITIAL	1	NONE	410-16827-1	NNN	Nitrogen as nitrate + nitrite	1.8	1.8
KAFB-106091	GW091-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK	Alkalinity, total (as CaCO3)	92	92
KAFB-106091	GW091-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	92	92
KAFB-106091	GW091-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106091	GW091-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106091	GW091-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106091	GW091-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7439-95-4	Magnesium	9.0	9
KAFB-106091	GW091-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-09-7	Potassium	2.6	2.6
KAFB-106091	GW091-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-23-5	Sodium	26	26
KAFB-106091	GW091-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-70-2	Calcium	66	66
KAFB-106091	GW091-204	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106091	GW091-204	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106091	GW091-204	10/20/2020	N	INITIAL	1	METHOD	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	103-65-1	n-Propylbenzene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-02-8	Acrolein	< 5.0	5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	67-64-1	Acetone	< 2.0	2
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-25-2	Bromoform	< 2.0	2
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	91-20-3	Naphthalene	< 2.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106091	GW091-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106091	GW091-604	10/17/2020	N	INITIAL	50	NONE	410-16827-1	14808-79-8	Sulfate	78	78
KAFB-106091	GW091-604	10/17/2020	N	INITIAL	50	NONE	410-16827-1	16887-00-6	Chloride	61	61
KAFB-106091	GW091-604	10/17/2020	N	INITIAL	50	NONE	410-16827-1	24959-67-9	Bromide	< 20	20
KAFB-106091	GW091-604	11/1/2020	N	INITIAL	1	NONE	410-16827-1	NNN	Nitrogen as nitrate + nitrite	1.8	1.8
KAFB-106091	GW091-604	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK	Alkalinity, total (as CaCO3)	89	89
KAFB-106091	GW091-604	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	89	89
KAFB-106091	GW091-604	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106091	GW091-604	10/14/2020	T	INITIAL	1	SW3005	410-16827-1	7439-95-4	Magnesium	9.1	9.1
KAFB-106091	GW091-604	10/14/2020	T	INITIAL	1	SW3005	410-16827-1	7440-23-5	Sodium	27	27
KAFB-106091	GW091-604	10/14/2020	T	INITIAL	1	SW3005	410-16827-1	7440-70-2	Calcium	67	67
KAFB-106091	GW091-604	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106091	GW091-604	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106091	GW091-604	10/15/2020	T	INITIAL	1	SW3005	410-16827-1	7440-09-7	Potassium	3.5	3.5
KAFB-106091	GW091-604	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106091	GW091-604	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106091	GW091-604	10/20/2020	N	INITIAL	1	METHOD	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	107-02-8	Acrolein	< 5.0	5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	56-23-5	Carbon tetrachloride	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	67-64-1	Acetone	< 2.0	2
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-25-2	Bromoform	< 2.0	2
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106091	GW091-604	10/19/2020	N	INITIAL	1	NONE	410-16827-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106229	GW229-204	10/20/2020	N	INITIAL	1	METHOD	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106022	GW022-204	10/17/2020	N	INITIAL	5	NONE	410-16827-1	14808-79-8	Sulfate	41	41
KAFB-106022	GW022-204	10/17/2020	N	INITIAL	50	NONE	410-16827-1	16887-00-6	Chloride	41	41
KAFB-106022	GW022-204	10/17/2020	N	INITIAL	50	NONE	410-16827-1	24959-67-9	Bromide	< 20	20
KAFB-106022	GW022-204	11/1/2020	N	INITIAL	1	NONE	410-16827-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106022	GW022-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106022	GW022-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106022	GW022-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106022	GW022-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106022	GW022-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-96-5	Manganese	0.11	0.11
KAFB-106022	GW022-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7439-95-4	Magnesium	6.6	6.6
KAFB-106022	GW022-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-09-7	Potassium	2.1	2.1
KAFB-106022	GW022-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-23-5	Sodium	24	24
KAFB-106022	GW022-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-70-2	Calcium	48	48
KAFB-106022	GW022-204	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106022	GW022-204	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7440-38-2	Arsenic	0.00070	0.0007

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106022	GW022-204	10/20/2020	N	INITIAL	1	METHOD	410-16827-1	106-93-4	1,2-Dibromoethane	0.027	0.027
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-02-8	Acrolein	< 5.0	5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-06-2	1,2-Dichloroethane	1.5	1.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	135-98-8	sec-Butylbenzene	0.54	0.54
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	1634-04-4	Methyl tert-butyl ether	0.27	0.27
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	67-64-1	Acetone	7.2	7.2
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	71-43-2	Benzene	0.29	0.29
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-25-2	Bromoform	< 2.0	2
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	78-93-3	2-Butanone	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	98-82-8	Isopropylbenzene	1.2	1.2
KAFB-106022	GW022-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106077	GW077-204	10/17/2020	N	INITIAL	5	NONE	410-16827-1	14808-79-8	Sulfate	25	25
KAFB-106077	GW077-204	10/17/2020	N	INITIAL	5	NONE	410-16827-1	16887-00-6	Chloride	7.1	7.1
KAFB-106077	GW077-204	10/17/2020	N	INITIAL	5	NONE	410-16827-1	24959-67-9	Bromide	< 2.0	2
KAFB-106077	GW077-204	11/1/2020	N	INITIAL	1	NONE	410-16827-1	NNN	Nitrogen as nitrate + nitrite	0.094	0.094
KAFB-106077	GW077-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106077	GW077-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106077	GW077-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106077	GW077-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106077	GW077-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106077	GW077-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7439-95-4	Magnesium	4.9	4.9
KAFB-106077	GW077-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-09-7	Potassium	1.8	1.8
KAFB-106077	GW077-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-23-5	Sodium	20	20
KAFB-106077	GW077-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-70-2	Calcium	33	33
KAFB-106077	GW077-204	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7439-92-1	Lead	0.00013	0.00013
KAFB-106077	GW077-204	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7440-38-2	Arsenic	0.0010	0.001
KAFB-106077	GW077-204	10/20/2020	N	INITIAL	1	METHOD	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-02-8	Acrolein	< 5.0	5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-88-3	Toluene	1.7	1.7
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	67-64-1	Acetone	< 2.0	2
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-25-2	Bromoform	< 2.0	2
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106077	GW077-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106212	GW212-204	10/17/2020	N	INITIAL	5	NONE	410-16827-1	14808-79-8	Sulfate	23	23
KAFB-106212	GW212-204	10/17/2020	N	INITIAL	5	NONE	410-16827-1	16887-00-6	Chloride	23	23
KAFB-106212	GW212-204	10/17/2020	N	INITIAL	5	NONE	410-16827-1	24959-67-9	Bromide	< 2.0	2
KAFB-106212	GW212-204	11/1/2020	N	INITIAL	1	NONE	410-16827-1	NNN	Nitrogen as nitrate + nitrite	0.093	0.093
KAFB-106212	GW212-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106212	GW212-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106212	GW212-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106212	GW212-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106212	GW212-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106212	GW212-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7439-95-4	Magnesium	4.9	4.9

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106212	GW212-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-09-7	Potassium	1.7	1.7
KAFB-106212	GW212-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-23-5	Sodium	24	24
KAFB-106212	GW212-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-70-2	Calcium	35	35
KAFB-106212	GW212-204	10/15/2020	T	INITIAL	1	SW3020A	410-16827-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106212	GW212-204	10/15/2020	T	INITIAL	1	SW3020A	410-16827-1	7440-38-2	Arsenic	0.0010	0.001
KAFB-106212	GW212-204	10/20/2020	N	INITIAL	1	METHOD	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	107-02-8	Acrolein	< 5.0	5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	67-64-1	Acetone	< 2.0	2
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-25-2	Bromoform	< 2.0	2
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106212	GW212-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106053	GW053-204	10/17/2020	N	INITIAL	50	NONE	410-16827-1	14808-79-8	Sulfate	210	210
KAFB-106053	GW053-204	10/17/2020	N	INITIAL	50	NONE	410-16827-1	16887-00-6	Chloride	100	100
KAFB-106053	GW053-204	10/17/2020	N	INITIAL	50	NONE	410-16827-1	24959-67-9	Bromide	< 20	20
KAFB-106053	GW053-204	11/1/2020	N	INITIAL	1	NONE	410-16827-1	NNN	Nitrogen as nitrate + nitrite	3.4	3.4
KAFB-106053	GW053-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK	Alkalinity, total (as CaCO3)	84	84
KAFB-106053	GW053-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	84	84
KAFB-106053	GW053-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106053	GW053-204	10/14/2020	T	INITIAL	1	SW3005	410-16827-1	7439-95-4	Magnesium	16	16
KAFB-106053	GW053-204	10/14/2020	T	INITIAL	1	SW3005	410-16827-1	7440-09-7	Potassium	3.8	3.8
KAFB-106053	GW053-204	10/14/2020	T	INITIAL	1	SW3005	410-16827-1	7440-23-5	Sodium	34	34
KAFB-106053	GW053-204	10/14/2020	T	INITIAL	1	SW3005	410-16827-1	7440-70-2	Calcium	110	110
KAFB-106053	GW053-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106053	GW053-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106053	GW053-204	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106053	GW053-204	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106053	GW053-204	10/20/2020	N	INITIAL	1	METHOD	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	107-02-8	Acrolein	< 5.0	5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	67-64-1	Acetone	< 2.0	2
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-25-2	Bromoform	< 2.0	2
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106053	GW053-204	10/19/2020	N	INITIAL	1	NONE	410-16827-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106054	GW054-204	10/17/2020	N	INITIAL	5	NONE	410-16827-1	14808-79-8	Sulfate	59	59
KAFB-106054	GW054-204	10/17/2020	N	INITIAL	50	NONE	410-16827-1	16887-00-6	Chloride	60	60
KAFB-106054	GW054-204	10/17/2020	N	INITIAL	50	NONE	410-16827-1	24959-67-9	Bromide	< 20	20
KAFB-106054	GW054-204	11/1/2020	N	INITIAL	1	NONE	410-16827-1	NNN	Nitrogen as nitrate + nitrite	1.7	1.7
KAFB-106054	GW054-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK	Alkalinity, total (as CaCO3)	89	89

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106054	GW054-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	89	89
KAFB-106054	GW054-204	10/13/2020	N	INITIAL	1	NONE	410-16827-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106054	GW054-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106054	GW054-204	10/15/2020	D	INITIAL	1	METHOD	410-16827-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106054	GW054-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7439-95-4	Magnesium	8.0	8
KAFB-106054	GW054-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-09-7	Potassium	2.5	2.5
KAFB-106054	GW054-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-23-5	Sodium	25	25
KAFB-106054	GW054-204	10/18/2020	T	INITIAL	1	SW3005	410-16827-1	7440-70-2	Calcium	58	58
KAFB-106054	GW054-204	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7439-92-1	Lead	0.00011	0.00011
KAFB-106054	GW054-204	10/19/2020	T	INITIAL	1	SW3020A	410-16827-1	7440-38-2	Arsenic	0.00073	0.00073
KAFB-106054	GW054-204	10/20/2020	N	INITIAL	1	METHOD	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-02-8	Acrolein	< 5.0	5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	67-64-1	Acetone	< 2.0	2
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-01-4	Vinyl chloride	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-25-2	Bromoform	< 2.0	2
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106054	GW054-204	10/21/2020	N	INITIAL	1	NONE	410-16827-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106026	GW026-204	10/18/2020	N	INITIAL	5	NONE	410-17030-1	14808-79-8	Sulfate	58	58
KAFB-106026	GW026-204	10/18/2020	N	INITIAL	5	NONE	410-17030-1	24959-67-9	Bromide	< 2.0	2
KAFB-106026	GW026-204	10/18/2020	N	INITIAL	50	NONE	410-17030-1	16887-00-6	Chloride	53	53
KAFB-106026	GW026-204	11/4/2020	N	INITIAL	1	NONE	410-17030-1	NNN	Nitrogen as nitrate + nitrite	1.3	1.3
KAFB-106026	GW026-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK	Alkalinity, total (as CaCO3)	85	85
KAFB-106026	GW026-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	85	85
KAFB-106026	GW026-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106026	GW026-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7439-95-4	Magnesium	7.2	7.2
KAFB-106026	GW026-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-09-7	Potassium	2.8	2.8
KAFB-106026	GW026-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-23-5	Sodium	25	25
KAFB-106026	GW026-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-70-2	Calcium	55	55
KAFB-106026	GW026-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106026	GW026-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106026	GW026-204	10/15/2020	T	INITIAL	1	SW3020A	410-17030-1	7439-92-1	Lead	0.00021	0.00021
KAFB-106026	GW026-204	10/15/2020	T	INITIAL	1	SW3020A	410-17030-1	7440-38-2	Arsenic	0.00073	0.00073
KAFB-106026	GW026-204	10/20/2020	N	INITIAL	1	METHOD	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	107-02-8	Acrolein	< 5.0	5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	67-64-1	Acetone	< 2.0	2
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-25-2	Bromoform	< 2.0	2
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106026	GW026-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106074	GW074-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	14808-79-8	Sulfate	67	67
KAFB-106074	GW074-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	16887-00-6	Chloride	22	22
KAFB-106074	GW074-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	< 2.0	2
KAFB-106074	GW074-204	11/6/2020	N	INITIAL	1	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	0.81	0.81
KAFB-106074	GW074-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	98	98
KAFB-106074	GW074-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	98	98
KAFB-106074	GW074-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106074	GW074-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	6.5	6.5
KAFB-106074	GW074-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	2.3	2.3
KAFB-106074	GW074-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	25	25
KAFB-106074	GW074-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	47	47
KAFB-106074	GW074-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106074	GW074-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106074	GW074-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	0.00011	0.00011
KAFB-106074	GW074-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	0.00075	0.00075
KAFB-106074	GW074-204	10/22/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	1.7	1.7
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	< 2.0	2
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106074	GW074-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106230	GW230-204	10/17/2020	N	INITIAL	5	NONE	410-17030-1	14808-79-8	Sulfate	48	48
KAFB-106230	GW230-204	10/17/2020	N	INITIAL	5	NONE	410-17030-1	16887-00-6	Chloride	28	28
KAFB-106230	GW230-204	10/17/2020	N	INITIAL	5	NONE	410-17030-1	24959-67-9	Bromide	< 2.0	2
KAFB-106230	GW230-204	11/4/2020	N	INITIAL	1	NONE	410-17030-1	NNN	Nitrogen as nitrate + nitrite	0.74	0.74
KAFB-106230	GW230-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK	Alkalinity, total (as CaCO3)	96	96
KAFB-106230	GW230-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	96	96
KAFB-106230	GW230-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106230	GW230-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-09-7	Potassium	2.5	2.5
KAFB-106230	GW230-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-70-2	Calcium	44	44
KAFB-106230	GW230-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7439-95-4	Magnesium	6.1	6.1
KAFB-106230	GW230-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-23-5	Sodium	23	23
KAFB-106230	GW230-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106230	GW230-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106230	GW230-204	10/26/2020	T	INITIAL	1	SW3020A	410-17030-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106230	GW230-204	10/26/2020	T	INITIAL	1	SW3020A	410-17030-1	7440-38-2	Arsenic	0.0010	0.001
KAFB-106230	GW230-204	10/20/2020	N	INITIAL	1	METHOD	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	107-02-8	Acrolein	< 5.0	5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	67-64-1	Acetone	< 2.0	2
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-25-2	Bromoform	< 2.0	2
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106230	GW230-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106036	GW036-204	10/18/2020	N	INITIAL	5	NONE	410-17030-1	14808-79-8	Sulfate	41	41
KAFB-106036	GW036-204	10/18/2020	N	INITIAL	5	NONE	410-17030-1	16887-00-6	Chloride	16	16
KAFB-106036	GW036-204	10/18/2020	N	INITIAL	5	NONE	410-17030-1	24959-67-9	Bromide	< 2.0	2
KAFB-106036	GW036-204	11/4/2020	N	INITIAL	1	NONE	410-17030-1	NNN	Nitrogen as nitrate + nitrite	0.061	0.061
KAFB-106036	GW036-204	10/16/2020	N	INITIAL	1	NONE	410-17030-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106036	GW036-204	10/16/2020	N	INITIAL	1	NONE	410-17030-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106036	GW036-204	10/16/2020	N	INITIAL	1	NONE	410-17030-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106036	GW036-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-09-7	Potassium	2.2	2.2
KAFB-106036	GW036-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-70-2	Calcium	42	42
KAFB-106036	GW036-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7439-95-4	Magnesium	5.8	5.8
KAFB-106036	GW036-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-23-5	Sodium	25	25
KAFB-106036	GW036-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106036	GW036-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106036	GW036-204	10/26/2020	T	INITIAL	1	SW3020A	410-17030-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106036	GW036-204	10/26/2020	T	INITIAL	1	SW3020A	410-17030-1	7440-38-2	Arsenic	0.00074	0.00074
KAFB-106036	GW036-204	10/20/2020	N	INITIAL	1	METHOD	410-17030-1	106-93-4	1,2-Dibromoethane	0.12	0.12
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	107-02-8	Acrolein	< 5.0	5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	67-64-1	Acetone	0.95	0.95
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	75-25-2	Bromoform	< 2.0	2
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106036	GW036-204	10/23/2020	N	INITIAL	1	NONE	410-17030-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106043	GW043-204	10/18/2020	N	INITIAL	5	NONE	410-17030-1	14808-79-8	Sulfate	65	65
KAFB-106043	GW043-204	10/18/2020	N	INITIAL	5	NONE	410-17030-1	24959-67-9	Bromide	< 2.0	2
KAFB-106043	GW043-204	10/25/2020	N	INITIAL	20	NONE	410-17030-1	16887-00-6	Chloride	41	41
KAFB-106043	GW043-204	11/4/2020	N	INITIAL	1	NONE	410-17030-1	NNN	Nitrogen as nitrate + nitrite	0.94	0.94
KAFB-106043	GW043-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK	Alkalinity, total (as CaCO3)	96	96
KAFB-106043	GW043-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	96	96
KAFB-106043	GW043-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106043	GW043-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-09-7	Potassium	2.8	2.8
KAFB-106043	GW043-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-70-2	Calcium	55	55
KAFB-106043	GW043-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7439-95-4	Magnesium	7.6	7.6
KAFB-106043	GW043-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-23-5	Sodium	26	26
KAFB-106043	GW043-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106043	GW043-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106043	GW043-204	10/26/2020	T	INITIAL	1	SW3020A	410-17030-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106043	GW043-204	10/26/2020	T	INITIAL	1	SW3020A	410-17030-1	7440-38-2	Arsenic	0.00092	0.00092
KAFB-106043	GW043-204	10/20/2020	N	INITIAL	1	METHOD	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	107-02-8	Acrolein	< 5.0	5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	67-64-1	Acetone	< 2.0	2
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-25-2	Bromoform	< 2.0	2
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106043	GW043-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106049	GW049-204	10/17/2020	N	INITIAL	5	NONE	410-17030-1	24959-67-9	Bromide	2.1	2.1
KAFB-106049	GW049-204	10/17/2020	N	INITIAL	50	NONE	410-17030-1	14808-79-8	Sulfate	370	370
KAFB-106049	GW049-204	10/17/2020	N	INITIAL	50	NONE	410-17030-1	16887-00-6	Chloride	150	150
KAFB-106049	GW049-204	11/4/2020	N	INITIAL	5	NONE	410-17030-1	NNN	Nitrogen as nitrate + nitrite	4.6	4.6
KAFB-106049	GW049-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK	Alkalinity, total (as CaCO3)	71	71
KAFB-106049	GW049-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	71	71
KAFB-106049	GW049-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106049	GW049-204	10/16/2020	T	INITIAL	1	SW3005	410-17030-1	7439-95-4	Magnesium	30	30
KAFB-106049	GW049-204	10/16/2020	T	INITIAL	1	SW3005	410-17030-1	7440-70-2	Calcium	200	200
KAFB-106049	GW049-204	10/18/2020	T	INITIAL	1	SW3005	410-17030-1	7440-09-7	Potassium	4.6	4.6
KAFB-106049	GW049-204	10/18/2020	T	INITIAL	1	SW3005	410-17030-1	7440-23-5	Sodium	38	38
KAFB-106049	GW049-204	10/19/2020	D	INITIAL	1	METHOD	410-17030-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106049	GW049-204	10/19/2020	D	INITIAL	1	METHOD	410-17030-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106049	GW049-204	10/26/2020	T	INITIAL	1	SW3020A	410-17030-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106049	GW049-204	10/26/2020	T	INITIAL	1	SW3020A	410-17030-1	7440-38-2	Arsenic	0.00068	0.00068
KAFB-106049	GW049-204	10/20/2020	N	INITIAL	1	METHOD	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	107-02-8	Acrolein	< 5.0	5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	67-64-1	Acetone	< 2.0	2
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-25-2	Bromoform	< 2.0	2
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106049	GW049-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106073	GW073-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	14808-79-8	Sulfate	52	52
KAFB-106073	GW073-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	1.4	1.4
KAFB-106073	GW073-204	10/17/2020	N	INITIAL	50	NONE	410-17173-1	16887-00-6	Chloride	53	53
KAFB-106073	GW073-204	11/6/2020	N	INITIAL	1	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	1.4	1.4
KAFB-106073	GW073-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106073	GW073-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106073	GW073-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106073	GW073-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	8.8	8.8
KAFB-106073	GW073-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	2.9	2.9
KAFB-106073	GW073-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	27	27
KAFB-106073	GW073-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	61	61
KAFB-106073	GW073-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106073	GW073-204	10/23/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	0.0085	0.0085
KAFB-106073	GW073-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	0.00020	0.0002
KAFB-106073	GW073-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	< 0.0016	0.0016

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106073	GW073-204	10/22/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	0.69	0.69
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	< 2.0	2
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106073	GW073-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106050	GW050-204	10/17/2020	N	INITIAL	5	NONE	410-17030-1	14808-79-8	Sulfate	69	69
KAFB-106050	GW050-204	10/17/2020	N	INITIAL	5	NONE	410-17030-1	24959-67-9	Bromide	1.6	1.6
KAFB-106050	GW050-204	10/17/2020	N	INITIAL	50	NONE	410-17030-1	16887-00-6	Chloride	71	71
KAFB-106050	GW050-204	11/4/2020	N	INITIAL	2	NONE	410-17030-1	NNN	Nitrogen as nitrate + nitrite	1.8	1.8
KAFB-106050	GW050-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK	Alkalinity, total (as CaCO3)	82	82
KAFB-106050	GW050-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	82	82
KAFB-106050	GW050-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106050	GW050-204	10/16/2020	T	INITIAL	1	SW3005	410-17030-1	7439-95-4	Magnesium	9.2	9.2
KAFB-106050	GW050-204	10/16/2020	T	INITIAL	1	SW3005	410-17030-1	7440-70-2	Calcium	63	63
KAFB-106050	GW050-204	10/18/2020	T	INITIAL	1	SW3005	410-17030-1	7440-09-7	Potassium	3.1	3.1
KAFB-106050	GW050-204	10/18/2020	T	INITIAL	1	SW3005	410-17030-1	7440-23-5	Sodium	26	26
KAFB-106050	GW050-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106050	GW050-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106050	GW050-204	10/26/2020	T	INITIAL	1	SW3020A	410-17030-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106050	GW050-204	10/26/2020	T	INITIAL	1	SW3020A	410-17030-1	7440-38-2	Arsenic	0.00089	0.00089
KAFB-106050	GW050-204	10/20/2020	N	INITIAL	1	METHOD	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	107-02-8	Acrolein	< 5.0	5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	67-64-1	Acetone	< 2.0	2
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-25-2	Bromoform	< 2.0	2
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106050	GW050-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106052	GW052-204	10/18/2020	N	INITIAL	5	NONE	410-17030-1	24959-67-9	Bromide	< 2.0	2
KAFB-106052	GW052-204	10/18/2020	N	INITIAL	50	NONE	410-17030-1	14808-79-8	Sulfate	120	120
KAFB-106052	GW052-204	10/25/2020	N	INITIAL	20	NONE	410-17030-1	16887-00-6	Chloride	75	75
KAFB-106052	GW052-204	11/4/2020	N	INITIAL	1	NONE	410-17030-1	NNN	Nitrogen as nitrate + nitrite	2.3	2.3
KAFB-106052	GW052-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK	Alkalinity, total (as CaCO3)	84	84
KAFB-106052	GW052-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	84	84
KAFB-106052	GW052-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106052	GW052-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7439-95-4	Magnesium	10	10
KAFB-106052	GW052-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-09-7	Potassium	3.7	3.7
KAFB-106052	GW052-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-23-5	Sodium	30	30

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106052	GW052-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-70-2	Calcium	75	75
KAFB-106052	GW052-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106052	GW052-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106052	GW052-204	10/26/2020	T	INITIAL	1	SW3020A	410-17030-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106052	GW052-204	10/26/2020	T	INITIAL	1	SW3020A	410-17030-1	7440-38-2	Arsenic	0.00087	0.00087
KAFB-106052	GW052-204	10/20/2020	N	INITIAL	1	METHOD	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	107-02-8	Acrolein	< 5.0	5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	67-64-1	Acetone	< 2.0	2
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-25-2	Bromoform	< 2.0	2
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106052	GW052-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106105	GW105-204	10/17/2020	N	INITIAL	5	NONE	410-17030-1	14808-79-8	Sulfate	60	60
KAFB-106105	GW105-204	10/17/2020	N	INITIAL	5	NONE	410-17030-1	24959-67-9	Bromide	< 2.0	2
KAFB-106105	GW105-204	10/17/2020	N	INITIAL	50	NONE	410-17030-1	16887-00-6	Chloride	48	48
KAFB-106105	GW105-204	11/4/2020	N	INITIAL	1	NONE	410-17030-1	NNN	Nitrogen as nitrate + nitrite	1.4	1.4
KAFB-106105	GW105-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK	Alkalinity, total (as CaCO3)	91	91
KAFB-106105	GW105-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	91	91
KAFB-106105	GW105-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106105	GW105-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7439-95-4	Magnesium	7.3	7.3
KAFB-106105	GW105-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-09-7	Potassium	2.9	2.9
KAFB-106105	GW105-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-23-5	Sodium	25	25
KAFB-106105	GW105-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-70-2	Calcium	57	57
KAFB-106105	GW105-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106105	GW105-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106105	GW105-204	10/15/2020	T	INITIAL	1	SW3020A	410-17030-1	7439-92-1	Lead	0.00022	0.00022
KAFB-106105	GW105-204	10/15/2020	T	INITIAL	1	SW3020A	410-17030-1	7440-38-2	Arsenic	0.00076	0.00076
KAFB-106105	GW105-204	10/20/2020	N	INITIAL	1	METHOD	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	107-02-8	Acrolein	< 5.0	5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	67-64-1	Acetone	< 2.0	2
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-25-2	Bromoform	< 2.0	2
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106105	GW105-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106107	GW107-204	10/18/2020	N	INITIAL	5	NONE	410-17030-1	14808-79-8	Sulfate	52	52
KAFB-106107	GW107-204	10/18/2020	N	INITIAL	5	NONE	410-17030-1	24959-67-9	Bromide	< 2.0	2
KAFB-106107	GW107-204	10/18/2020	N	INITIAL	50	NONE	410-17030-1	16887-00-6	Chloride	37	37
KAFB-106107	GW107-204	11/4/2020	N	INITIAL	1	NONE	410-17030-1	NNN	Nitrogen as nitrate + nitrite	0.83	0.83
KAFB-106107	GW107-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK	Alkalinity, total (as CaCO3)	95	95

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106107	GW107-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	95	95
KAFB-106107	GW107-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106107	GW107-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7439-95-4	Magnesium	6.4	6.4
KAFB-106107	GW107-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-09-7	Potassium	2.6	2.6
KAFB-106107	GW107-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-23-5	Sodium	24	24
KAFB-106107	GW107-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-70-2	Calcium	49	49
KAFB-106107	GW107-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106107	GW107-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106107	GW107-204	10/15/2020	T	INITIAL	1	SW3020A	410-17030-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106107	GW107-204	10/15/2020	T	INITIAL	1	SW3020A	410-17030-1	7440-38-2	Arsenic	0.00073	0.00073
KAFB-106107	GW107-204	10/20/2020	N	INITIAL	1	METHOD	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	107-02-8	Acrolein	< 5.0	5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	67-64-1	Acetone	< 2.0	2
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-01-4	Vinyl chloride	< 0.50	0.5

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-25-2	Bromoform	< 2.0	2
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106107	GW107-204	10/22/2020	N	INITIAL	1	NONE	410-17030-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106206	GW206-204	10/17/2020	N	INITIAL	5	NONE	410-17030-1	14808-79-8	Sulfate	56	56
KAFB-106206	GW206-204	10/17/2020	N	INITIAL	5	NONE	410-17030-1	24959-67-9	Bromide	< 2.0	2
KAFB-106206	GW206-204	10/17/2020	N	INITIAL	50	NONE	410-17030-1	16887-00-6	Chloride	54	54
KAFB-106206	GW206-204	11/4/2020	N	INITIAL	1	NONE	410-17030-1	NNN	Nitrogen as nitrate + nitrite	1.1	1.1
KAFB-106206	GW206-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK	Alkalinity, total (as CaCO3)	92	92
KAFB-106206	GW206-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	92	92
KAFB-106206	GW206-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106206	GW206-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7439-95-4	Magnesium	5.7	5.7
KAFB-106206	GW206-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-09-7	Potassium	2.5	2.5
KAFB-106206	GW206-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-23-5	Sodium	26	26
KAFB-106206	GW206-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-70-2	Calcium	43	43
KAFB-106206	GW206-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106206	GW206-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106206	GW206-204	10/26/2020	T	INITIAL	1	SW3020A	410-17030-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106206	GW206-204	10/26/2020	T	INITIAL	1	SW3020A	410-17030-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106206	GW206-204	10/20/2020	N	INITIAL	1	METHOD	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	107-02-8	Acrolein	< 5.0	5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	67-64-1	Acetone	< 2.0	2
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-25-2	Bromoform	< 2.0	2
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106206	GW206-204	10/19/2020	N	INITIAL	1	NONE	410-17030-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106009	GW009-204	10/17/2020	N	INITIAL	5	NONE	410-17030-1	24959-67-9	Bromide	2.9	2.9
KAFB-106009	GW009-204	10/17/2020	N	INITIAL	50	NONE	410-17030-1	14808-79-8	Sulfate	250	250
KAFB-106009	GW009-204	10/17/2020	N	INITIAL	50	NONE	410-17030-1	16887-00-6	Chloride	190	190
KAFB-106009	GW009-204	11/4/2020	N	INITIAL	10	NONE	410-17030-1	NNN	Nitrogen as nitrate + nitrite	4.8	4.8
KAFB-106009	GW009-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK	Alkalinity, total (as CaCO3)	160	160
KAFB-106009	GW009-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	160	160
KAFB-106009	GW009-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106009	GW009-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7439-95-4	Magnesium	26	26
KAFB-106009	GW009-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-09-7	Potassium	4.9	4.9
KAFB-106009	GW009-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-23-5	Sodium	66	66
KAFB-106009	GW009-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-70-2	Calcium	180	180
KAFB-106009	GW009-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106009	GW009-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-96-5	Manganese	0.62	0.62
KAFB-106009	GW009-204	10/15/2020	T	INITIAL	1	SW3020A	410-17030-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106009	GW009-204	10/15/2020	T	INITIAL	1	SW3020A	410-17030-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106009	GW009-204	10/20/2020	N	INITIAL	1	METHOD	410-17030-1	106-93-4	1,2-Dibromoethane	0.017	0.017
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	100-41-4	Ethylbenzene	< 8.0	8
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	100-42-5	Styrene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	10061-01-5	Cis-1,3-dichloropropene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	10061-02-6	Trans-1,3-dichloropropene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	103-65-1	n-Propylbenzene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	104-51-8	n-Butylbenzene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	106-43-4	4-Chlorotoluene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	106-46-7	1,4-Dichlorobenzene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	106-93-4	1,2-Dibromoethane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	107-02-8	Acrolein	< 50	50
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	107-06-2	1,2-Dichloroethane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	107-13-1	Acrylonitrile	< 10	10
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	108-05-4	Vinyl acetate	< 20	20
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	108-10-1	4-Methyl-2-pentanone	< 10	10
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	108-67-8	1,3,5-Trimethylbenzene	< 10	10
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	108-86-1	Bromobenzene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	108-88-3	Toluene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	108-90-7	Chlorobenzene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	120-82-1	1,2,4-Trichlorobenzene	< 10	10
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	124-48-1	Dibromochloromethane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	127-18-4	Tetrachloroethene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	1330-20-7	Xylenes, total	< 20	20
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	135-98-8	sec-Butylbenzene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	142-28-9	1,3-Dichloropropane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	156-59-2	Cis-1,2-Dichloroethene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	156-60-5	Trans-1,2-Dichloroethene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	1634-04-4	Methyl tert-butyl ether	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	179601-23-1	m- & p-Xylenes	< 20	20
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	541-73-1	1,3-Dichlorobenzene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	56-23-5	Carbon tetrachloride	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	563-58-6	1,1-Dichloropropene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	591-78-6	2-Hexanone	< 10	10
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	594-20-7	2,2-Dichloropropane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	67-64-1	Acetone	< 20	20
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	67-66-3	Chloroform	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	71-43-2	Benzene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	71-55-6	1,1,1-Trichloroethane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	74-83-9	Bromomethane	< 5.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	74-87-3	Chloromethane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	74-95-3	Dibromomethane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	74-97-5	Bromochloromethane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	75-00-3	Chloroethane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	75-01-4	Vinyl chloride	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	75-09-2	Methylene chloride	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	75-15-0	Carbon disulfide	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	75-25-2	Bromoform	< 20	20
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	75-27-4	Bromodichloromethane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	75-34-3	1,1-Dichloroethane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	75-35-4	1,1-Dichloroethene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	75-69-4	Trichlorofluoromethane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	75-71-8	Dichlorodifluoromethane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	78-87-5	1,2-Dichloropropane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	78-93-3	2-Butanone	< 10	10
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	79-00-5	1,1,2-Trichloroethane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	79-01-6	Trichloroethene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	87-61-6	1,2,3-Trichlorobenzene	< 10	10
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	87-68-3	Hexachloro-1,3-butadiene	< 40	40
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	91-20-3	Naphthalene	< 20	20
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	95-47-6	o-Xylene	< 8.0	8
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	95-49-8	2-Chlorotoluene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	95-50-1	1,2-Dichlorobenzene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	95-63-6	1,2,4-Trimethylbenzene	< 20	20
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	96-12-8	1,2-Dibromo-3-chloropropane	< 10	10
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	96-18-4	1,2,3-Trichloropropane	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	98-06-6	tert-Butylbenzene	< 10	10
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	98-82-8	Isopropylbenzene	< 5.0	5
KAFB-106009	GW009-204	10/21/2020	N	INITIAL	10	NONE	410-17030-1	99-87-6	4-Isopropyltoluene	< 5.0	5
KAFB-106241-428	GW241-428-204	10/17/2020	N	INITIAL	5	NONE	410-17030-1	14808-79-8	Sulfate	44	44
KAFB-106241-428	GW241-428-204	10/17/2020	N	INITIAL	5	NONE	410-17030-1	24959-67-9	Bromide	< 2.0	2
KAFB-106241-428	GW241-428-204	10/17/2020	N	INITIAL	50	NONE	410-17030-1	16887-00-6	Chloride	38	38
KAFB-106241-428	GW241-428-204	11/4/2020	N	INITIAL	1	NONE	410-17030-1	NNN	Nitrogen as nitrate + nitrite	0.48	0.48
KAFB-106241-428	GW241-428-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK	Alkalinity, total (as CaCO3)	130	130
KAFB-106241-428	GW241-428-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	130	130
KAFB-106241-428	GW241-428-204	10/15/2020	N	INITIAL	1	NONE	410-17030-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106241-428	GW241-428-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7439-95-4	Magnesium	6.9	6.9
KAFB-106241-428	GW241-428-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-09-7	Potassium	2.7	2.7
KAFB-106241-428	GW241-428-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-23-5	Sodium	26	26
KAFB-106241-428	GW241-428-204	10/14/2020	T	INITIAL	1	SW3005	410-17030-1	7440-70-2	Calcium	51	51
KAFB-106241-428	GW241-428-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106241-428	GW241-428-204	10/20/2020	D	INITIAL	1	METHOD	410-17030-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106241-428	GW241-428-204	10/20/2020	T	INITIAL	1	SW3020A	410-17030-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106241-428	GW241-428-204	10/20/2020	T	INITIAL	1	SW3020A	410-17030-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106241-428	GW241-428-204	10/20/2020	N	INITIAL	1	METHOD	410-17030-1	106-93-4	1,2-Dibromoethane	0.023	0.023
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	107-02-8	Acrolein	< 5.0	5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	67-64-1	Acetone	0.75	0.75
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-25-2	Bromoform	< 2.0	2
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106241-428	GW241-428-204	10/21/2020	N	INITIAL	1	NONE	410-17030-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106003	GW003-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	1.4	1.4
KAFB-106003	GW003-204	10/17/2020	N	INITIAL	50	NONE	410-17173-1	14808-79-8	Sulfate	190	190
KAFB-106003	GW003-204	10/17/2020	N	INITIAL	50	NONE	410-17173-1	16887-00-6	Chloride	65	65
KAFB-106003	GW003-204	11/6/2020	N	INITIAL	2	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	2.6	2.6
KAFB-106003	GW003-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	93	93
KAFB-106003	GW003-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	93	93
KAFB-106003	GW003-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106003	GW003-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	16	16
KAFB-106003	GW003-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	3.6	3.6
KAFB-106003	GW003-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	34	34
KAFB-106003	GW003-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	100	100
KAFB-106003	GW003-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106003	GW003-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106003	GW003-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106003	GW003-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106003	GW003-204	10/22/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	< 2.0	2
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106003	GW003-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106085	GW085-204	10/18/2020	N	INITIAL	5	NONE	410-17173-1	14808-79-8	Sulfate	65	65
KAFB-106085	GW085-204	10/18/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	< 2.0	2
KAFB-106085	GW085-204	10/27/2020	N	INITIAL	50	NONE	410-17173-1	16887-00-6	Chloride	81	81
KAFB-106085	GW085-204	11/6/2020	N	INITIAL	1	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	1.3	1.3
KAFB-106085	GW085-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106085	GW085-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106085	GW085-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106085	GW085-204	10/15/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106085	GW085-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	10	10
KAFB-106085	GW085-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	3.1	3.1
KAFB-106085	GW085-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	29	29
KAFB-106085	GW085-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	69	69
KAFB-106085	GW085-204	10/22/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106085	GW085-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106085	GW085-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	0.00068	0.00068
KAFB-106085	GW085-204	10/21/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	< 2.0	2
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106085	GW085-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106085	GW085-604	10/18/2020	N	INITIAL	5	NONE	410-17173-1	14808-79-8	Sulfate	63	63
KAFB-106085	GW085-604	10/18/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	1.3	1.3
KAFB-106085	GW085-604	10/27/2020	N	INITIAL	50	NONE	410-17173-1	16887-00-6	Chloride	79	79
KAFB-106085	GW085-604	11/6/2020	N	INITIAL	1	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	1.3	1.3
KAFB-106085	GW085-604	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	98	98
KAFB-106085	GW085-604	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	98	98
KAFB-106085	GW085-604	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106085	GW085-604	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	9.6	9.6
KAFB-106085	GW085-604	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	3.0	3
KAFB-106085	GW085-604	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	29	29
KAFB-106085	GW085-604	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	67	67
KAFB-106085	GW085-604	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106085	GW085-604	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106085	GW085-604	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	0.00012	0.00012
KAFB-106085	GW085-604	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106085	GW085-604	10/22/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	< 2.0	2
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106085	GW085-604	10/26/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106086	GW086-204	10/18/2020	N	INITIAL	5	NONE	410-17173-1	14808-79-8	Sulfate	57	57
KAFB-106086	GW086-204	10/18/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	< 2.0	2
KAFB-106086	GW086-204	10/21/2020	N	INITIAL	10	NONE	410-17173-1	16887-00-6	Chloride	25	25
KAFB-106086	GW086-204	11/6/2020	N	INITIAL	1	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	0.56	0.56
KAFB-106086	GW086-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106086	GW086-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106086	GW086-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106086	GW086-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	6.8	6.8
KAFB-106086	GW086-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	2.5	2.5
KAFB-106086	GW086-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	24	24
KAFB-106086	GW086-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	49	49
KAFB-106086	GW086-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106086	GW086-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106086	GW086-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106086	GW086-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	< 0.0016	0.0016

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106086	GW086-204	10/22/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	< 2.0	2
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106086	GW086-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106087	GW087-204	10/18/2020	N	INITIAL	5	NONE	410-17173-1	14808-79-8	Sulfate	43	43
KAFB-106087	GW087-204	10/18/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	< 2.0	2
KAFB-106087	GW087-204	10/18/2020	N	INITIAL	50	NONE	410-17173-1	16887-00-6	Chloride	34	34
KAFB-106087	GW087-204	11/6/2020	N	INITIAL	1	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	0.64	0.64
KAFB-106087	GW087-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	96	96
KAFB-106087	GW087-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	96	96
KAFB-106087	GW087-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106087	GW087-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	5.6	5.6
KAFB-106087	GW087-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	2.2	2.2
KAFB-106087	GW087-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	22	22
KAFB-106087	GW087-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	40	40
KAFB-106087	GW087-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106087	GW087-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106087	GW087-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106087	GW087-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	0.00083	0.00083
KAFB-106087	GW087-204	10/22/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	< 2.0	2
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106087	GW087-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106013	GW013-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	14808-79-8	Sulfate	35	35
KAFB-106013	GW013-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	16887-00-6	Chloride	23	23
KAFB-106013	GW013-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	< 2.0	2
KAFB-106013	GW013-204	11/6/2020	N	INITIAL	1	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	0.40	0.4
KAFB-106013	GW013-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	130	130
KAFB-106013	GW013-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	130	130
KAFB-106013	GW013-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106013	GW013-204	10/16/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	7.0	7
KAFB-106013	GW013-204	10/16/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	46	46
KAFB-106013	GW013-204	10/18/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	2.5	2.5

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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106013	GW013-204	10/18/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	22	22
KAFB-106013	GW013-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106013	GW013-204	10/23/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	0.0038	0.0038
KAFB-106013	GW013-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	0.000087	0.000087
KAFB-106013	GW013-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106013	GW013-204	10/22/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	< 2.0	2
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106013	GW013-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106071	GW071-204	10/18/2020	N	INITIAL	5	NONE	410-17173-1	14808-79-8	Sulfate	27	27
KAFB-106071	GW071-204	10/18/2020	N	INITIAL	5	NONE	410-17173-1	16887-00-6	Chloride	11	11
KAFB-106071	GW071-204	10/18/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	< 2.0	2
KAFB-106071	GW071-204	11/6/2020	N	INITIAL	1	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106071	GW071-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106071	GW071-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106071	GW071-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106071	GW071-204	10/15/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106071	GW071-204	10/15/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106071	GW071-204	10/16/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	4.7	4.7
KAFB-106071	GW071-204	10/16/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	33	33
KAFB-106071	GW071-204	10/18/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	2.1	2.1
KAFB-106071	GW071-204	10/18/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	21	21
KAFB-106071	GW071-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106071	GW071-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	0.00092	0.00092
KAFB-106071	GW071-204	10/21/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	< 2.0	2
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106071	GW071-204	10/27/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106070	GW070-204	10/18/2020	N	INITIAL	5	NONE	410-17173-1	14808-79-8	Sulfate	56	56
KAFB-106070	GW070-204	10/18/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	1.8	1.8
KAFB-106070	GW070-204	10/18/2020	N	INITIAL	50	NONE	410-17173-1	16887-00-6	Chloride	78	78
KAFB-106070	GW070-204	11/6/2020	N	INITIAL	1	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106070	GW070-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	130	130

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106070	GW070-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	130	130
KAFB-106070	GW070-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106070	GW070-204	10/16/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	10	10
KAFB-106070	GW070-204	10/16/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	71	71
KAFB-106070	GW070-204	10/18/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	3.1	3.1
KAFB-106070	GW070-204	10/18/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	28	28
KAFB-106070	GW070-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106070	GW070-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106070	GW070-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	0.00016	0.00016
KAFB-106070	GW070-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106070	GW070-204	10/21/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	0.31	0.31
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	2.1	2.1
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106070	GW070-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106070	GW070-604	10/18/2020	N	INITIAL	5	NONE	410-17173-1	14808-79-8	Sulfate	59	59
KAFB-106070	GW070-604	10/18/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	1.8	1.8
KAFB-106070	GW070-604	10/18/2020	N	INITIAL	50	NONE	410-17173-1	16887-00-6	Chloride	82	82
KAFB-106070	GW070-604	11/6/2020	N	INITIAL	1	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106070	GW070-604	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	130	130
KAFB-106070	GW070-604	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	130	130
KAFB-106070	GW070-604	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106070	GW070-604	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	10	10
KAFB-106070	GW070-604	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	3.1	3.1
KAFB-106070	GW070-604	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	29	29
KAFB-106070	GW070-604	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	73	73
KAFB-106070	GW070-604	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106070	GW070-604	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106070	GW070-604	10/16/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	0.00015	0.00015
KAFB-106070	GW070-604	10/16/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106070	GW070-604	10/21/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	0.37	0.37
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	2.3	2.3
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106070	GW070-604	10/27/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106243-425	GW243-425-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	14808-79-8	Sulfate	35	35
KAFB-106243-425	GW243-425-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	16887-00-6	Chloride	23	23
KAFB-106243-425	GW243-425-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	24959-67-9	Bromide	< 2.0	2
KAFB-106243-425	GW243-425-204	11/7/2020	N	INITIAL	1	NONE	410-17330-1	NNN	Nitrogen as nitrate + nitrite	0.076	0.076
KAFB-106243-425	GW243-425-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106243-425	GW243-425-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106243-425	GW243-425-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106243-425	GW243-425-204	10/19/2020	T	INITIAL	1	SW3005	410-17330-1	7439-95-4	Magnesium	6.3	6.3
KAFB-106243-425	GW243-425-204	10/19/2020	T	INITIAL	1	SW3005	410-17330-1	7440-09-7	Potassium	2.4	2.4
KAFB-106243-425	GW243-425-204	10/19/2020	T	INITIAL	1	SW3005	410-17330-1	7440-70-2	Calcium	45	45
KAFB-106243-425	GW243-425-204	10/20/2020	T	INITIAL	1	SW3005	410-17330-1	7440-23-5	Sodium	26	26
KAFB-106243-425	GW243-425-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106243-425	GW243-425-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106243-425	GW243-425-204	10/19/2020	T	INITIAL	1	SW3020A	410-17330-1	7439-92-1	Lead	0.000079	0.000079
KAFB-106243-425	GW243-425-204	10/19/2020	T	INITIAL	1	SW3020A	410-17330-1	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106243-425	GW243-425-204	10/25/2020	N	INITIAL	1	METHOD	410-17330-1	106-93-4	1,2-Dibromoethane	0.042	0.042
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-02-8	Acrolein	< 5.0	5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-64-1	Acetone	< 2.0	2
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-83-9	Bromomethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-25-2	Bromoform	< 2.0	2
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106243-425	GW243-425-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106090	GW090-204	10/18/2020	N	INITIAL	5	NONE	410-17173-1	14808-79-8	Sulfate	28	28
KAFB-106090	GW090-204	10/18/2020	N	INITIAL	5	NONE	410-17173-1	16887-00-6	Chloride	8.3	8.3
KAFB-106090	GW090-204	10/18/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	< 2.0	2
KAFB-106090	GW090-204	11/6/2020	N	INITIAL	1	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	0.11	0.11
KAFB-106090	GW090-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106090	GW090-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106090	GW090-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106090	GW090-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	4.6	4.6
KAFB-106090	GW090-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	2.0	2
KAFB-106090	GW090-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	21	21
KAFB-106090	GW090-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	33	33
KAFB-106090	GW090-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106090	GW090-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106090	GW090-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106090	GW090-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	0.00078	0.00078
KAFB-106090	GW090-204	10/22/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	< 2.0	2
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106090	GW090-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106098	GW098-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	14808-79-8	Sulfate	49	49
KAFB-106098	GW098-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	16887-00-6	Chloride	20	20
KAFB-106098	GW098-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	< 2.0	2
KAFB-106098	GW098-204	11/6/2020	N	INITIAL	1	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	0.80	0.8
KAFB-106098	GW098-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106098	GW098-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106098	GW098-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106098	GW098-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	6.5	6.5
KAFB-106098	GW098-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	2.4	2.4
KAFB-106098	GW098-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	23	23
KAFB-106098	GW098-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	45	45
KAFB-106098	GW098-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106098	GW098-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106098	GW098-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106098	GW098-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	0.00091	0.00091
KAFB-106098	GW098-204	10/22/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	< 2.0	2
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106098	GW098-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106089	GW089-204	10/18/2020	N	INITIAL	5	NONE	410-17173-1	14808-79-8	Sulfate	39	39
KAFB-106089	GW089-204	10/18/2020	N	INITIAL	5	NONE	410-17173-1	16887-00-6	Chloride	15	15
KAFB-106089	GW089-204	10/18/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	< 2.0	2
KAFB-106089	GW089-204	11/6/2020	N	INITIAL	1	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	0.38	0.38
KAFB-106089	GW089-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106089	GW089-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106089	GW089-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106089	GW089-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	6.0	6
KAFB-106089	GW089-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	2.3	2.3
KAFB-106089	GW089-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	23	23
KAFB-106089	GW089-204	10/20/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	43	43
KAFB-106089	GW089-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106089	GW089-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106089	GW089-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	0.000086	0.000086
KAFB-106089	GW089-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106089	GW089-204	10/22/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	0.074	0.074
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	0.26	0.26
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	< 2.0	2
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106089	GW089-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106023	GW023-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	14808-79-8	Sulfate	34	34
KAFB-106023	GW023-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	1.6	1.6
KAFB-106023	GW023-204	10/17/2020	N	INITIAL	50	NONE	410-17173-1	16887-00-6	Chloride	68	68
KAFB-106023	GW023-204	11/6/2020	N	INITIAL	1	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	2.1	2.1
KAFB-106023	GW023-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106023	GW023-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106023	GW023-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106023	GW023-204	10/16/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	7.2	7.2
KAFB-106023	GW023-204	10/16/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	51	51
KAFB-106023	GW023-204	10/18/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	2.5	2.5
KAFB-106023	GW023-204	10/18/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	31	31
KAFB-106023	GW023-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106023	GW023-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106023	GW023-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	0.000073	0.000073
KAFB-106023	GW023-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	0.00082	0.00082
KAFB-106023	GW023-204	10/22/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	< 2.0	2
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106023	GW023-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106103	GW103-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	14808-79-8	Sulfate	37	37
KAFB-106103	GW103-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	1.3	1.3
KAFB-106103	GW103-204	10/18/2020	N	INITIAL	50	NONE	410-17173-1	16887-00-6	Chloride	41	41
KAFB-106103	GW103-204	11/6/2020	N	INITIAL	1	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	1.4	1.4
KAFB-106103	GW103-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106103	GW103-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106103	GW103-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106103	GW103-204	10/16/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	6.2	6.2
KAFB-106103	GW103-204	10/16/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	45	45
KAFB-106103	GW103-204	10/18/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	2.4	2.4
KAFB-106103	GW103-204	10/18/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	28	28
KAFB-106103	GW103-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106103	GW103-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106103	GW103-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106103	GW103-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	0.00071	0.00071

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106103	GW103-204	10/22/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	< 2.0	2
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106103	GW103-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106104	GW104-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	14808-79-8	Sulfate	27	27
KAFB-106104	GW104-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	16887-00-6	Chloride	7.8	7.8
KAFB-106104	GW104-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	< 2.0	2
KAFB-106104	GW104-204	11/6/2020	N	INITIAL	1	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	0.10	0.1
KAFB-106104	GW104-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106104	GW104-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106104	GW104-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106104	GW104-204	10/16/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	4.4	4.4
KAFB-106104	GW104-204	10/16/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	32	32
KAFB-106104	GW104-204	10/18/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	2.1	2.1
KAFB-106104	GW104-204	10/18/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	24	24
KAFB-106104	GW104-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106104	GW104-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106104	GW104-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106104	GW104-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	0.00075	0.00075
KAFB-106104	GW104-204	10/22/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	< 2.0	2
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106104	GW104-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106097	GW097-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	14808-79-8	Sulfate	38	38
KAFB-106097	GW097-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	16887-00-6	Chloride	18	18
KAFB-106097	GW097-204	10/17/2020	N	INITIAL	5	NONE	410-17173-1	24959-67-9	Bromide	< 2.0	2
KAFB-106097	GW097-204	11/6/2020	N	INITIAL	1	NONE	410-17173-1	NNN	Nitrogen as nitrate + nitrite	0.55	0.55
KAFB-106097	GW097-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106097	GW097-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106097	GW097-204	10/16/2020	N	INITIAL	1	NONE	410-17173-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106097	GW097-204	10/16/2020	T	INITIAL	1	SW3005	410-17173-1	7439-95-4	Magnesium	5.8	5.8
KAFB-106097	GW097-204	10/16/2020	T	INITIAL	1	SW3005	410-17173-1	7440-70-2	Calcium	39	39
KAFB-106097	GW097-204	10/18/2020	T	INITIAL	1	SW3005	410-17173-1	7440-09-7	Potassium	2.3	2.3

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106097	GW097-204	10/18/2020	T	INITIAL	1	SW3005	410-17173-1	7440-23-5	Sodium	21	21
KAFB-106097	GW097-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106097	GW097-204	10/21/2020	D	INITIAL	1	METHOD	410-17173-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106097	GW097-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106097	GW097-204	10/20/2020	T	INITIAL	1	SW3020A	410-17173-1	7440-38-2	Arsenic	0.00075	0.00075
KAFB-106097	GW097-204	10/22/2020	N	INITIAL	1	METHOD	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-02-8	Acrolein	< 5.0	5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-64-1	Acetone	< 2.0	2
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-25-2	Bromoform	< 2.0	2
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106097	GW097-204	10/26/2020	N	INITIAL	1	NONE	410-17173-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106015	GW015-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	14808-79-8	Sulfate	28	28
KAFB-106015	GW015-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	16887-00-6	Chloride	20	20
KAFB-106015	GW015-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	24959-67-9	Bromide	< 2.0	2
KAFB-106015	GW015-204	11/7/2020	N	INITIAL	1	NONE	410-17330-1	NNN	Nitrogen as nitrate + nitrite	0.33	0.33
KAFB-106015	GW015-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106015	GW015-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106015	GW015-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106015	GW015-204	10/20/2020	D	INITIAL	1	METHOD	410-17330-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106015	GW015-204	10/20/2020	D	INITIAL	1	METHOD	410-17330-1	7439-96-5	Manganese	0.0041	0.0041
KAFB-106015	GW015-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7439-95-4	Magnesium	5.1	5.1
KAFB-106015	GW015-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-23-5	Sodium	20	20
KAFB-106015	GW015-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-70-2	Calcium	43	43
KAFB-106015	GW015-204	10/23/2020	T	INITIAL	1	SW3005	410-17330-1	7440-09-7	Potassium	2.2	2.2
KAFB-106015	GW015-204	10/19/2020	T	INITIAL	1	SW3020A	410-17330-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106015	GW015-204	10/19/2020	T	INITIAL	1	SW3020A	410-17330-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106015	GW015-204	10/25/2020	N	INITIAL	1	METHOD	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-02-8	Acrolein	< 5.0	5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-64-1	Acetone	< 2.0	2
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-25-2	Bromoform	< 2.0	2
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106015	GW015-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	24959-67-9	Bromide	< 2.0	2
KAFB-106244-445	GW244-445-204	10/17/2020	N	INITIAL	50	NONE	410-17330-1	14808-79-8	Sulfate	280	280
KAFB-106244-445	GW244-445-204	10/17/2020	N	INITIAL	50	NONE	410-17330-1	16887-00-6	Chloride	110	110
KAFB-106244-445	GW244-445-204	11/7/2020	N	INITIAL	2	NONE	410-17330-1	NNN	Nitrogen as nitrate + nitrite	3.8	3.8
KAFB-106244-445	GW244-445-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK	Alkalinity, total (as CaCO3)	100	100

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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106244-445	GW244-445-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106244-445	GW244-445-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106244-445	GW244-445-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106244-445	GW244-445-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106244-445	GW244-445-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7439-95-4	Magnesium	21	21
KAFB-106244-445	GW244-445-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-23-5	Sodium	59	59
KAFB-106244-445	GW244-445-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-70-2	Calcium	150	150
KAFB-106244-445	GW244-445-204	10/23/2020	T	INITIAL	1	SW3005	410-17330-1	7440-09-7	Potassium	4.7	4.7
KAFB-106244-445	GW244-445-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7439-92-1	Lead	0.000081	0.000081
KAFB-106244-445	GW244-445-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7440-38-2	Arsenic	0.00083	0.00083
KAFB-106244-445	GW244-445-204	10/25/2020	N	INITIAL	1	METHOD	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-02-8	Acrolein	< 5.0	5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-64-1	Acetone	< 2.0	2
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-66-3	Chloroform	0.74	0.74
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-01-4	Vinyl chloride	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-25-2	Bromoform	< 2.0	2
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106244-445	GW244-445-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106099	GW099-204	10/18/2020	N	INITIAL	5	NONE	410-17330-1	14808-79-8	Sulfate	38	38
KAFB-106099	GW099-204	10/18/2020	N	INITIAL	5	NONE	410-17330-1	16887-00-6	Chloride	22	22
KAFB-106099	GW099-204	10/21/2020	N	INITIAL	5	NONE	410-17330-1	24959-67-9	Bromide	< 2.0	2
KAFB-106099	GW099-204	11/7/2020	N	INITIAL	1	NONE	410-17330-1	NNN	Nitrogen as nitrate + nitrite	0.95	0.95
KAFB-106099	GW099-204	10/17/2020	N	INITIAL	1	NONE	410-17330-1	ALK	Alkalinity, total (as CaCO3)	96	96
KAFB-106099	GW099-204	10/17/2020	N	INITIAL	1	NONE	410-17330-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	96	96
KAFB-106099	GW099-204	10/17/2020	N	INITIAL	1	NONE	410-17330-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106099	GW099-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106099	GW099-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106099	GW099-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7439-95-4	Magnesium	5.6	5.6
KAFB-106099	GW099-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-23-5	Sodium	21	21
KAFB-106099	GW099-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-70-2	Calcium	41	41
KAFB-106099	GW099-204	10/23/2020	T	INITIAL	1	SW3005	410-17330-1	7440-09-7	Potassium	2.4	2.4
KAFB-106099	GW099-204	10/19/2020	T	INITIAL	1	SW3020A	410-17330-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106099	GW099-204	10/19/2020	T	INITIAL	1	SW3020A	410-17330-1	7440-38-2	Arsenic	0.0013	0.0013
KAFB-106099	GW099-204	10/25/2020	N	INITIAL	1	METHOD	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-02-8	Acrolein	< 5.0	5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-64-1	Acetone	< 2.0	2
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-25-2	Bromoform	< 2.0	2
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-01-6	Trichloroethene	0.25	0.25
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106099	GW099-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106064	GW064-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106064	GW064-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	24959-67-9	Bromide	< 2.0	2
KAFB-106064	GW064-204	10/28/2020	N	INITIAL	20	NONE	410-17330-1	16887-00-6	Chloride	47	47
KAFB-106064	GW064-204	11/7/2020	N	INITIAL	1	NONE	410-17330-1	NNN	Nitrogen as nitrate + nitrite	0.083	0.083
KAFB-106064	GW064-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK	Alkalinity, total (as CaCO3)	570	570
KAFB-106064	GW064-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	570	570
KAFB-106064	GW064-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106064	GW064-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-89-6	Iron	6.2	6.2
KAFB-106064	GW064-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7439-95-4	Magnesium	23	23
KAFB-106064	GW064-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-23-5	Sodium	95	95
KAFB-106064	GW064-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-70-2	Calcium	150	150
KAFB-106064	GW064-204	10/23/2020	D	INITIAL	1	METHOD	410-17330-1	7439-96-5	Manganese	8.0	8
KAFB-106064	GW064-204	10/23/2020	T	INITIAL	1	SW3005	410-17330-1	7440-09-7	Potassium	5.9	5.9
KAFB-106064	GW064-204	10/19/2020	T	INITIAL	1	SW3020A	410-17330-1	7439-92-1	Lead	0.00051	0.00051
KAFB-106064	GW064-204	10/19/2020	T	INITIAL	1	SW3020A	410-17330-1	7440-38-2	Arsenic	0.0028	0.0028
KAFB-106064	GW064-204	10/25/2020	N	INITIAL	1	METHOD	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	100-41-4	Ethylbenzene	1200	1200
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	100-42-5	Styrene	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	10061-01-5	Cis-1,3-dichloropropene	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	10061-02-6	Trans-1,3-dichloropropene	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	103-65-1	n-Propylbenzene	120	120
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	104-51-8	n-Butylbenzene	20	20
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	106-43-4	4-Chlorotoluene	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	106-46-7	1,4-Dichlorobenzene	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	106-93-4	1,2-Dibromoethane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	107-02-8	Acrolein	< 25	25
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	107-06-2	1,2-Dichloroethane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	107-13-1	Acrylonitrile	< 5.0	5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	108-05-4	Vinyl acetate	< 10	10
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	108-10-1	4-Methyl-2-pentanone	< 5.0	5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	108-67-8	1,3,5-Trimethylbenzene	140	140
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	108-86-1	Bromobenzene	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	108-88-3	Toluene	430	430
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	108-90-7	Chlorobenzene	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	120-82-1	1,2,4-Trichlorobenzene	< 5.0	5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	124-48-1	Dibromochloromethane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	127-18-4	Tetrachloroethene	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	1330-20-7	Xylenes, total	4100	4100
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	135-98-8	sec-Butylbenzene	21	21
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	142-28-9	1,3-Dichloropropane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	156-59-2	Cis-1,2-Dichloroethene	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	156-60-5	Trans-1,2-Dichloroethene	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	1634-04-4	Methyl tert-butyl ether	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	179601-23-1	m- & p-Xylenes	2700	2700
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	541-73-1	1,3-Dichlorobenzene	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	56-23-5	Carbon tetrachloride	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	563-58-6	1,1-Dichloropropene	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	591-78-6	2-Hexanone	< 5.0	5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	594-20-7	2,2-Dichloropropane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	630-20-6	1,1,1,2-Tetrachloroethane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	67-64-1	Acetone	26	26
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	67-66-3	Chloroform	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	71-55-6	1,1,1-Trichloroethane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	74-83-9	Bromomethane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	74-87-3	Chloromethane	< 2.5	2.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	74-95-3	Dibromomethane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	74-97-5	Bromochloromethane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	75-00-3	Chloroethane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	75-01-4	Vinyl chloride	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	75-09-2	Methylene chloride	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	75-15-0	Carbon disulfide	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	75-25-2	Bromoform	< 10	10
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	75-27-4	Bromodichloromethane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	75-34-3	1,1-Dichloroethane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	75-35-4	1,1-Dichloroethene	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	75-69-4	Trichlorofluoromethane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	75-71-8	Dichlorodifluoromethane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	78-87-5	1,2-Dichloropropane	4.3	4.3
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	78-93-3	2-Butanone	< 5.0	5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	79-00-5	1,1,2-Trichloroethane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	79-01-6	Trichloroethene	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	79-34-5	1,1,2,2-Tetrachloroethane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	87-61-6	1,2,3-Trichlorobenzene	< 5.0	5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	87-68-3	Hexachloro-1,3-butadiene	< 20	20
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	91-20-3	Naphthalene	160	160
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	95-47-6	o-Xylene	1400	1400
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	95-49-8	2-Chlorotoluene	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	95-50-1	1,2-Dichlorobenzene	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	95-63-6	1,2,4-Trimethylbenzene	430	430
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	96-12-8	1,2-Dibromo-3-chloropropane	< 5.0	5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	96-18-4	1,2,3-Trichloropropane	< 2.5	2.5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	98-06-6	tert-Butylbenzene	< 5.0	5
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	98-82-8	Isopropylbenzene	210	210
KAFB-106064	GW064-204	10/27/2020	N	INITIAL	5	NONE	410-17330-1	99-87-6	4-Isopropyltoluene	71	71
KAFB-106064	GW064-204	10/27/2020	N	REANALYSIS	50	NONE	410-17330-1	71-43-2	Benzene	3700	3700
KAFB-106063	GW063-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	14808-79-8	Sulfate	2.5	2.5
KAFB-106063	GW063-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	24959-67-9	Bromide	< 2.0	2
KAFB-106063	GW063-204	10/28/2020	N	INITIAL	20	NONE	410-17330-1	16887-00-6	Chloride	46	46
KAFB-106063	GW063-204	11/7/2020	N	INITIAL	1	NONE	410-17330-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106063	GW063-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK	Alkalinity, total (as CaCO3)	430	430
KAFB-106063	GW063-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	430	430
KAFB-106063	GW063-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106063	GW063-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-89-6	Iron	4.9	4.9
KAFB-106063	GW063-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7439-95-4	Magnesium	22	22
KAFB-106063	GW063-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-23-5	Sodium	42	42
KAFB-106063	GW063-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-70-2	Calcium	140	140
KAFB-106063	GW063-204	10/23/2020	D	INITIAL	1	METHOD	410-17330-1	7439-96-5	Manganese	5.7	5.7
KAFB-106063	GW063-204	10/23/2020	T	INITIAL	1	SW3005	410-17330-1	7440-09-7	Potassium	3.8	3.8
KAFB-106063	GW063-204	10/19/2020	T	INITIAL	1	SW3020A	410-17330-1	7439-92-1	Lead	0.00022	0.00022
KAFB-106063	GW063-204	10/19/2020	T	INITIAL	1	SW3020A	410-17330-1	7440-38-2	Arsenic	0.0026	0.0026
KAFB-106063	GW063-204	10/25/2020	N	INITIAL	1	METHOD	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	100-41-4	Ethylbenzene	1000	1000
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	100-42-5	Styrene	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	10061-01-5	Cis-1,3-dichloropropene	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	10061-02-6	Trans-1,3-dichloropropene	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	103-65-1	n-Propylbenzene	79	79
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	104-51-8	n-Butylbenzene	8.2	8.2
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	106-43-4	4-Chlorotoluene	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	106-46-7	1,4-Dichlorobenzene	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	106-93-4	1,2-Dibromoethane	< 5.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	107-02-8	Acrolein	< 50	50
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	107-06-2	1,2-Dichloroethane	3.6	3.6
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	107-13-1	Acrylonitrile	< 10	10
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	108-05-4	Vinyl acetate	< 20	20
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	108-10-1	4-Methyl-2-pentanone	37	37
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	108-67-8	1,3,5-Trimethylbenzene	76	76
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	108-86-1	Bromobenzene	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	108-88-3	Toluene	1700	1700
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	108-90-7	Chlorobenzene	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	120-82-1	1,2,4-Trichlorobenzene	< 10	10
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	124-48-1	Dibromochloromethane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	127-18-4	Tetrachloroethene	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	1330-20-7	Xylenes, total	3000	3000
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	135-98-8	sec-Butylbenzene	14	14
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	142-28-9	1,3-Dichloropropane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	156-59-2	Cis-1,2-Dichloroethene	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	156-60-5	Trans-1,2-Dichloroethene	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	1634-04-4	Methyl tert-butyl ether	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	179601-23-1	m- & p-Xylenes	2000	2000
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	541-73-1	1,3-Dichlorobenzene	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	56-23-5	Carbon tetrachloride	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	563-58-6	1,1-Dichloropropene	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	591-78-6	2-Hexanone	< 10	10
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	594-20-7	2,2-Dichloropropane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	67-64-1	Acetone	< 20	20
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	67-66-3	Chloroform	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	71-55-6	1,1,1-Trichloroethane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	71-55-6	1,1,1-Trichloroethane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	74-83-9	Bromomethane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	74-87-3	Chloromethane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	74-95-3	Dibromomethane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	74-97-5	Bromochloromethane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	75-00-3	Chloroethane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	75-01-4	Vinyl chloride	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	75-09-2	Methylene chloride	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	75-15-0	Carbon disulfide	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	75-25-2	Bromoform	< 20	20
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	75-27-4	Bromodichloromethane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	75-34-3	1,1-Dichloroethane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	75-35-4	1,1-Dichloroethene	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	75-69-4	Trichlorofluoromethane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	75-71-8	Dichlorodifluoromethane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	78-87-5	1,2-Dichloropropane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	78-93-3	2-Butanone	< 10	10
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	79-00-5	1,1,2-Trichloroethane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	79-01-6	Trichloroethene	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	87-61-6	1,2,3-Trichlorobenzene	< 10	10
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	87-68-3	Hexachloro-1,3-butadiene	< 40	40
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	91-20-3	Naphthalene	97	97
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	95-47-6	o-Xylene	1000	1000
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	95-49-8	2-Chlorotoluene	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	95-50-1	1,2-Dichlorobenzene	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	95-63-6	1,2,4-Trimethylbenzene	260	260
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	96-12-8	1,2-Dibromo-3-chloropropane	< 10	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	96-18-4	1,2,3-Trichloropropane	< 5.0	5
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	98-06-6	tert-Butylbenzene	< 10	10
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	98-82-8	Isopropylbenzene	190	190
KAFB-106063	GW063-204	10/27/2020	N	INITIAL	10	NONE	410-17330-1	99-87-6	4-Isopropyltoluene	33	33
KAFB-106063	GW063-204	10/27/2020	N	REANALYSIS	100	NONE	410-17330-1	71-43-2	Benzene	3900	3900
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106004	GW004-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	14808-79-8	Sulfate	35	35
KAFB-106004	GW004-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	16887-00-6	Chloride	20	20
KAFB-106004	GW004-204	10/21/2020	N	INITIAL	5	NONE	410-17330-1	24959-67-9	Bromide	< 2.0	2
KAFB-106004	GW004-204	11/7/2020	N	INITIAL	1	NONE	410-17330-1	NNN	Nitrogen as nitrate + nitrite	1.0	1
KAFB-106004	GW004-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106004	GW004-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106004	GW004-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106004	GW004-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106004	GW004-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106004	GW004-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7439-95-4	Magnesium	6.2	6.2
KAFB-106004	GW004-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-23-5	Sodium	22	22
KAFB-106004	GW004-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-70-2	Calcium	45	45
KAFB-106004	GW004-204	10/23/2020	T	INITIAL	1	SW3005	410-17330-1	7440-09-7	Potassium	2.5	2.5
KAFB-106004	GW004-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106004	GW004-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7440-38-2	Arsenic	0.00095	0.00095
KAFB-106004	GW004-204	10/25/2020	N	INITIAL	1	METHOD	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-02-8	Acrolein	< 5.0	5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	127-18-4	Tetrachloroethene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-64-1	Acetone	< 2.0	2
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-25-2	Bromoform	< 2.0	2
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106004	GW004-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	14808-79-8	Sulfate	72	72
KAFB-106245-460	GW245-460-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	24959-67-9	Bromide	1.5	1.5
KAFB-106245-460	GW245-460-204	10/20/2020	N	INITIAL	50	NONE	410-17392-1	16887-00-6	Chloride	62	62
KAFB-106245-460	GW245-460-204	11/7/2020	N	INITIAL	2	NONE	410-17392-1	NNN	Nitrogen as nitrate + nitrite	1.8	1.8
KAFB-106245-460	GW245-460-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106245-460	GW245-460-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106245-460	GW245-460-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106245-460	GW245-460-204	10/19/2020	T	INITIAL	1	SW3005	410-17392-1	7439-95-4	Magnesium	9.4	9.4
KAFB-106245-460	GW245-460-204	10/19/2020	T	INITIAL	1	SW3005	410-17392-1	7440-09-7	Potassium	2.6	2.6
KAFB-106245-460	GW245-460-204	10/19/2020	T	INITIAL	1	SW3005	410-17392-1	7440-70-2	Calcium	68	68
KAFB-106245-460	GW245-460-204	10/20/2020	T	INITIAL	1	SW3005	410-17392-1	7440-23-5	Sodium	27	27
KAFB-106245-460	GW245-460-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106245-460	GW245-460-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106245-460	GW245-460-204	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106245-460	GW245-460-204	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7440-38-2	Arsenic	0.00088	0.00088
KAFB-106245-460	GW245-460-204	10/25/2020	N	INITIAL	1	METHOD	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-02-8	Acrolein	< 5.0	5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	67-64-1	Acetone	< 2.0	2
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-25-2	Bromoform	< 2.0	2
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106245-460	GW245-460-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	14808-79-8	Sulfate	27	27
KAFB-106247-450	GW247-450-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	16887-00-6	Chloride	10	10
KAFB-106247-450	GW247-450-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	24959-67-9	Bromide	< 2.0	2
KAFB-106247-450	GW247-450-204	11/7/2020	N	INITIAL	1	NONE	410-17330-1	NNN	Nitrogen as nitrate + nitrite	0.50	0.5
KAFB-106247-450	GW247-450-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK	Alkalinity, total (as CaCO3)	160	160
KAFB-106247-450	GW247-450-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	160	160
KAFB-106247-450	GW247-450-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106247-450	GW247-450-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106247-450	GW247-450-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106247-450	GW247-450-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7439-95-4	Magnesium	6.4	6.4
KAFB-106247-450	GW247-450-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-23-5	Sodium	26	26
KAFB-106247-450	GW247-450-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-70-2	Calcium	49	49
KAFB-106247-450	GW247-450-204	10/23/2020	T	INITIAL	1	SW3005	410-17330-1	7440-09-7	Potassium	2.6	2.6
KAFB-106247-450	GW247-450-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106247-450	GW247-450-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106247-450	GW247-450-204	10/25/2020	N	INITIAL	1	METHOD	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-02-8	Acrolein	< 5.0	5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-64-1	Acetone	< 2.0	2
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-25-2	Bromoform	< 2.0	2
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106247-450	GW247-450-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106100	GW100-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	14808-79-8	Sulfate	27	27
KAFB-106100	GW100-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	16887-00-6	Chloride	11	11
KAFB-106100	GW100-204	10/21/2020	N	INITIAL	5	NONE	410-17330-1	24959-67-9	Bromide	< 2.0	2
KAFB-106100	GW100-204	11/7/2020	N	INITIAL	1	NONE	410-17330-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106100	GW100-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK	Alkalinity, total (as CaCO3)	99	99
KAFB-106100	GW100-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	99	99
KAFB-106100	GW100-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106100	GW100-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106100	GW100-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106100	GW100-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7439-95-4	Magnesium	4.6	4.6
KAFB-106100	GW100-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-23-5	Sodium	19	19
KAFB-106100	GW100-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-70-2	Calcium	34	34
KAFB-106100	GW100-204	10/23/2020	T	INITIAL	1	SW3005	410-17330-1	7440-09-7	Potassium	2.1	2.1
KAFB-106100	GW100-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106100	GW100-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7440-38-2	Arsenic	0.0013	0.0013

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106100	GW100-204	10/25/2020	N	INITIAL	1	METHOD	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-02-8	Acrolein	< 5.0	5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-64-1	Acetone	< 2.0	2
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-25-2	Bromoform	< 2.0	2
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-93-3	2-Butanone	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106100	GW100-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106215	GW215-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	14808-79-8	Sulfate	27	27
KAFB-106215	GW215-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	16887-00-6	Chloride	10	10
KAFB-106215	GW215-204	10/21/2020	N	INITIAL	5	NONE	410-17330-1	24959-67-9	Bromide	< 2.0	2
KAFB-106215	GW215-204	11/7/2020	N	INITIAL	1	NONE	410-17330-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106215	GW215-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106215	GW215-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106215	GW215-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106215	GW215-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106215	GW215-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106215	GW215-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7439-95-4	Magnesium	4.2	4.2
KAFB-106215	GW215-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-23-5	Sodium	25	25
KAFB-106215	GW215-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-70-2	Calcium	34	34
KAFB-106215	GW215-204	10/23/2020	T	INITIAL	1	SW3005	410-17330-1	7440-09-7	Potassium	2.0	2
KAFB-106215	GW215-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106215	GW215-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7440-38-2	Arsenic	0.00090	0.0009
KAFB-106215	GW215-204	10/25/2020	N	INITIAL	1	METHOD	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-02-8	Acrolein	< 5.0	5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-64-1	Acetone	< 2.0	2
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-25-2	Bromoform	< 2.0	2
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106215	GW215-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106214	GW214-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	14808-79-8	Sulfate	39	39
KAFB-106214	GW214-204	10/17/2020	N	INITIAL	50	NONE	410-17330-1	16887-00-6	Chloride	43	43
KAFB-106214	GW214-204	10/21/2020	N	INITIAL	5	NONE	410-17330-1	24959-67-9	Bromide	< 2.0	2
KAFB-106214	GW214-204	11/7/2020	N	INITIAL	1	NONE	410-17330-1	NNN	Nitrogen as nitrate + nitrite	1.1	1.1
KAFB-106214	GW214-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106214	GW214-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106214	GW214-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106214	GW214-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106214	GW214-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106214	GW214-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7439-95-4	Magnesium	5.9	5.9

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106214	GW214-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-23-5	Sodium	29	29
KAFB-106214	GW214-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-70-2	Calcium	47	47
KAFB-106214	GW214-204	10/23/2020	T	INITIAL	1	SW3005	410-17330-1	7440-09-7	Potassium	2.4	2.4
KAFB-106214	GW214-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7439-92-1	Lead	0.00068	0.00068
KAFB-106214	GW214-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106214	GW214-204	10/25/2020	N	INITIAL	1	METHOD	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-02-8	Acrolein	< 5.0	5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-64-1	Acetone	< 2.0	2
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-25-2	Bromoform	< 2.0	2
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106214	GW214-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106213	GW213-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	14808-79-8	Sulfate	32	32
KAFB-106213	GW213-204	10/17/2020	N	INITIAL	50	NONE	410-17330-1	16887-00-6	Chloride	40	40
KAFB-106213	GW213-204	10/21/2020	N	INITIAL	5	NONE	410-17330-1	24959-67-9	Bromide	< 2.0	2
KAFB-106213	GW213-204	11/7/2020	N	INITIAL	1	NONE	410-17330-1	NNN	Nitrogen as nitrate + nitrite	0.89	0.89
KAFB-106213	GW213-204	10/17/2020	N	INITIAL	1	NONE	410-17330-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106213	GW213-204	10/17/2020	N	INITIAL	1	NONE	410-17330-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106213	GW213-204	10/17/2020	N	INITIAL	1	NONE	410-17330-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106213	GW213-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106213	GW213-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106213	GW213-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7439-95-4	Magnesium	5.7	5.7
KAFB-106213	GW213-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-23-5	Sodium	28	28
KAFB-106213	GW213-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-70-2	Calcium	46	46
KAFB-106213	GW213-204	10/23/2020	T	INITIAL	1	SW3005	410-17330-1	7440-09-7	Potassium	2.4	2.4
KAFB-106213	GW213-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7439-92-1	Lead	0.00040	0.0004
KAFB-106213	GW213-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7440-38-2	Arsenic	0.00068	0.00068
KAFB-106213	GW213-204	10/25/2020	N	INITIAL	1	METHOD	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-02-8	Acrolein	< 5.0	5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-64-1	Acetone	3.1	3.1
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-25-2	Bromoform	< 2.0	2
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106213	GW213-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106224	GW224-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	14808-79-8	Sulfate	28	28
KAFB-106224	GW224-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	16887-00-6	Chloride	11	11
KAFB-106224	GW224-204	10/21/2020	N	INITIAL	5	NONE	410-17330-1	24959-67-9	Bromide	< 2.0	2
KAFB-106224	GW224-204	11/7/2020	N	INITIAL	1	NONE	410-17330-1	NNN	Nitrogen as nitrate + nitrite	0.17	0.17
KAFB-106224	GW224-204	10/17/2020	N	INITIAL	1	NONE	410-17330-1	ALK	Alkalinity, total (as CaCO3)	110	110

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106224	GW224-204	10/17/2020	N	INITIAL	1	NONE	410-17330-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106224	GW224-204	10/17/2020	N	INITIAL	1	NONE	410-17330-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106224	GW224-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106224	GW224-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106224	GW224-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7439-95-4	Magnesium	4.2	4.2
KAFB-106224	GW224-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-23-5	Sodium	26	26
KAFB-106224	GW224-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-70-2	Calcium	34	34
KAFB-106224	GW224-204	10/23/2020	T	INITIAL	1	SW3005	410-17330-1	7440-09-7	Potassium	2.1	2.1
KAFB-106224	GW224-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7439-92-1	Lead	0.00011	0.00011
KAFB-106224	GW224-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7440-38-2	Arsenic	0.00093	0.00093
KAFB-106224	GW224-204	10/25/2020	N	INITIAL	1	METHOD	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-02-8	Acrolein	< 5.0	5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-64-1	Acetone	< 2.0	2
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-01-4	Vinyl chloride	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-25-2	Bromoform	< 2.0	2
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106224	GW224-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106223	GW223-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	14808-79-8	Sulfate	55	55
KAFB-106223	GW223-204	10/17/2020	N	INITIAL	50	NONE	410-17330-1	16887-00-6	Chloride	35	35
KAFB-106223	GW223-204	10/21/2020	N	INITIAL	5	NONE	410-17330-1	24959-67-9	Bromide	< 2.0	2
KAFB-106223	GW223-204	11/7/2020	N	INITIAL	1	NONE	410-17330-1	NNN	Nitrogen as nitrate + nitrite	1.3	1.3
KAFB-106223	GW223-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106223	GW223-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106223	GW223-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106223	GW223-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106223	GW223-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106223	GW223-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7439-95-4	Magnesium	6.9	6.9
KAFB-106223	GW223-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-23-5	Sodium	29	29
KAFB-106223	GW223-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-70-2	Calcium	54	54
KAFB-106223	GW223-204	10/23/2020	T	INITIAL	1	SW3005	410-17330-1	7440-09-7	Potassium	2.6	2.6
KAFB-106223	GW223-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106223	GW223-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106223	GW223-204	10/24/2020	N	INITIAL	1	METHOD	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-02-8	Acrolein	< 5.0	5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-64-1	Acetone	< 2.0	2
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-25-2	Bromoform	< 2.0	2
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106223	GW223-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106101	GW101-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	24959-67-9	Bromide	1.3	1.3
KAFB-106101	GW101-204	10/20/2020	N	INITIAL	50	NONE	410-17392-1	14808-79-8	Sulfate	140	140
KAFB-106101	GW101-204	10/20/2020	N	INITIAL	50	NONE	410-17392-1	16887-00-6	Chloride	56	56
KAFB-106101	GW101-204	11/7/2020	N	INITIAL	2	NONE	410-17392-1	NNN	Nitrogen as nitrate + nitrite	2.1	2.1
KAFB-106101	GW101-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK	Alkalinity, total (as CaCO3)	94	94
KAFB-106101	GW101-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	94	94
KAFB-106101	GW101-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106101	GW101-204	10/19/2020	T	INITIAL	1	SW3005	410-17392-1	7439-95-4	Magnesium	12	12
KAFB-106101	GW101-204	10/19/2020	T	INITIAL	1	SW3005	410-17392-1	7440-09-7	Potassium	3.3	3.3
KAFB-106101	GW101-204	10/19/2020	T	INITIAL	1	SW3005	410-17392-1	7440-70-2	Calcium	77	77
KAFB-106101	GW101-204	10/20/2020	T	INITIAL	1	SW3005	410-17392-1	7440-23-5	Sodium	33	33
KAFB-106101	GW101-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106101	GW101-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106101	GW101-204	10/19/2020	T	INITIAL	1	SW3020A	410-17392-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106101	GW101-204	10/19/2020	T	INITIAL	1	SW3020A	410-17392-1	7440-38-2	Arsenic	0.00093	0.00093
KAFB-106101	GW101-204	10/25/2020	N	INITIAL	1	METHOD	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-02-8	Acrolein	< 5.0	5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	67-64-1	Acetone	< 2.0	2
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-83-9	Bromomethane	< 0.50	0.5

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-25-2	Bromoform	< 2.0	2
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106101	GW101-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106222	GW222-204	10/17/2020	N	INITIAL	5	NONE	410-17330-1	14808-79-8	Sulfate	49	49
KAFB-106222	GW222-204	10/17/2020	N	INITIAL	50	NONE	410-17330-1	16887-00-6	Chloride	61	61
KAFB-106222	GW222-204	10/21/2020	N	INITIAL	5	NONE	410-17330-1	24959-67-9	Bromide	< 2.0	2
KAFB-106222	GW222-204	11/7/2020	N	INITIAL	2	NONE	410-17330-1	NNN	Nitrogen as nitrate + nitrite	3.1	3.1
KAFB-106222	GW222-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK	Alkalinity, total (as CaCO3)	95	95
KAFB-106222	GW222-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	95	95
KAFB-106222	GW222-204	10/16/2020	N	INITIAL	1	NONE	410-17330-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106222	GW222-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106222	GW222-204	10/21/2020	D	INITIAL	1	METHOD	410-17330-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106222	GW222-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7439-95-4	Magnesium	7.9	7.9
KAFB-106222	GW222-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-23-5	Sodium	30	30
KAFB-106222	GW222-204	10/22/2020	T	INITIAL	1	SW3005	410-17330-1	7440-70-2	Calcium	63	63
KAFB-106222	GW222-204	10/23/2020	T	INITIAL	1	SW3005	410-17330-1	7440-09-7	Potassium	2.9	2.9
KAFB-106222	GW222-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106222	GW222-204	10/20/2020	T	INITIAL	1	SW3020A	410-17330-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106222	GW222-204	10/24/2020	N	INITIAL	1	METHOD	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-02-8	Acrolein	< 5.0	5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-64-1	Acetone	< 2.0	2
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-25-2	Bromoform	< 2.0	2
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106222	GW222-204	10/27/2020	N	INITIAL	1	NONE	410-17330-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	24959-67-9	Bromide	2.8	2.8
KAFB-106240-449	GW240-449-204	10/20/2020	N	INITIAL	50	NONE	410-17392-1	14808-79-8	Sulfate	230	230
KAFB-106240-449	GW240-449-204	10/20/2020	N	INITIAL	50	NONE	410-17392-1	16887-00-6	Chloride	180	180
KAFB-106240-449	GW240-449-204	11/7/2020	N	INITIAL	2	NONE	410-17392-1	NNN	Nitrogen as nitrate + nitrite	5.5	5.5
KAFB-106240-449	GW240-449-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK	Alkalinity, total (as CaCO3)	88	88
KAFB-106240-449	GW240-449-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	88	88
KAFB-106240-449	GW240-449-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106240-449	GW240-449-204	10/19/2020	T	INITIAL	1	SW3005	410-17392-1	7439-95-4	Magnesium	23	23
KAFB-106240-449	GW240-449-204	10/19/2020	T	INITIAL	1	SW3005	410-17392-1	7440-09-7	Potassium	4.1	4.1
KAFB-106240-449	GW240-449-204	10/19/2020	T	INITIAL	1	SW3005	410-17392-1	7440-70-2	Calcium	160	160
KAFB-106240-449	GW240-449-204	10/20/2020	T	INITIAL	1	SW3005	410-17392-1	7440-23-5	Sodium	39	39
KAFB-106240-449	GW240-449-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106240-449	GW240-449-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106240-449	GW240-449-204	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106240-449	GW240-449-204	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7440-38-2	Arsenic	0.00089	0.00089
KAFB-106240-449	GW240-449-204	10/25/2020	N	INITIAL	1	METHOD	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-02-8	Acrolein	< 5.0	5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	67-64-1	Acetone	0.71	0.71
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-25-2	Bromoform	< 2.0	2
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106240-449	GW240-449-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106102	GW102-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	14808-79-8	Sulfate	29	29
KAFB-106102	GW102-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	16887-00-6	Chloride	10	10
KAFB-106102	GW102-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	24959-67-9	Bromide	< 2.0	2
KAFB-106102	GW102-204	11/7/2020	N	INITIAL	1	NONE	410-17392-1	NNN	Nitrogen as nitrate + nitrite	0.39	0.39
KAFB-106102	GW102-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106102	GW102-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106102	GW102-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106102	GW102-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106102	GW102-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106102	GW102-204	10/25/2020	T	INITIAL	1	SW3005	410-17392-1	7439-95-4	Magnesium	5.0	5
KAFB-106102	GW102-204	10/25/2020	T	INITIAL	1	SW3005	410-17392-1	7440-70-2	Calcium	33	33
KAFB-106102	GW102-204	10/27/2020	T	INITIAL	1	SW3005	410-17392-1	7440-09-7	Potassium	2.0	2
KAFB-106102	GW102-204	10/27/2020	T	INITIAL	1	SW3005	410-17392-1	7440-23-5	Sodium	21	21
KAFB-106102	GW102-204	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7439-92-1	Lead	0.00046	0.00046
KAFB-106102	GW102-204	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106102	GW102-204	10/25/2020	N	INITIAL	1	METHOD	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	107-02-8	Acrolein	< 5.0	5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	67-64-1	Acetone	< 2.0	2
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-25-2	Bromoform	< 2.0	2
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106102	GW102-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106051	GW051-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	24959-67-9	Bromide	1.7	1.7
KAFB-106051	GW051-204	10/20/2020	N	INITIAL	50	NONE	410-17392-1	14808-79-8	Sulfate	98	98
KAFB-106051	GW051-204	10/20/2020	N	INITIAL	50	NONE	410-17392-1	16887-00-6	Chloride	84	84
KAFB-106051	GW051-204	11/7/2020	N	INITIAL	2	NONE	410-17392-1	NNN	Nitrogen as nitrate + nitrite	2.4	2.4
KAFB-106051	GW051-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK	Alkalinity, total (as CaCO3)	80	80
KAFB-106051	GW051-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	80	80
KAFB-106051	GW051-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106051	GW051-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106051	GW051-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106051	GW051-204	10/25/2020	T	INITIAL	1	SW3005	410-17392-1	7439-95-4	Magnesium	10	10
KAFB-106051	GW051-204	10/25/2020	T	INITIAL	1	SW3005	410-17392-1	7440-70-2	Calcium	73	73
KAFB-106051	GW051-204	10/27/2020	T	INITIAL	1	SW3005	410-17392-1	7440-09-7	Potassium	2.9	2.9
KAFB-106051	GW051-204	10/27/2020	T	INITIAL	1	SW3005	410-17392-1	7440-23-5	Sodium	29	29
KAFB-106051	GW051-204	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106051	GW051-204	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7440-38-2	Arsenic	0.00077	0.00077
KAFB-106051	GW051-204	10/25/2020	N	INITIAL	1	METHOD	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-02-8	Acrolein	< 5.0	5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	67-64-1	Acetone	< 2.0	2
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-25-2	Bromoform	< 2.0	2
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106051	GW051-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106051	GW051-604	10/20/2020	N	INITIAL	5	NONE	410-17392-1	24959-67-9	Bromide	1.8	1.8
KAFB-106051	GW051-604	10/20/2020	N	INITIAL	50	NONE	410-17392-1	14808-79-8	Sulfate	110	110
KAFB-106051	GW051-604	10/20/2020	N	INITIAL	50	NONE	410-17392-1	16887-00-6	Chloride	84	84
KAFB-106051	GW051-604	11/7/2020	N	INITIAL	2	NONE	410-17392-1	NNN	Nitrogen as nitrate + nitrite	2.5	2.5
KAFB-106051	GW051-604	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK	Alkalinity, total (as CaCO3)	79	79
KAFB-106051	GW051-604	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	79	79
KAFB-106051	GW051-604	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106051	GW051-604	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106051	GW051-604	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106051	GW051-604	10/25/2020	T	INITIAL	1	SW3005	410-17392-1	7439-95-4	Magnesium	10	10
KAFB-106051	GW051-604	10/25/2020	T	INITIAL	1	SW3005	410-17392-1	7440-70-2	Calcium	73	73
KAFB-106051	GW051-604	10/27/2020	T	INITIAL	1	SW3005	410-17392-1	7440-09-7	Potassium	2.9	2.9
KAFB-106051	GW051-604	10/27/2020	T	INITIAL	1	SW3005	410-17392-1	7440-23-5	Sodium	29	29
KAFB-106051	GW051-604	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106051	GW051-604	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7440-38-2	Arsenic	0.00072	0.00072

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106051	GW051-604	10/25/2020	N	INITIAL	1	METHOD	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	107-02-8	Acrolein	< 5.0	5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	67-64-1	Acetone	< 2.0	2
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-25-2	Bromoform	< 2.0	2
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	78-93-3	2-Butanone	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106051	GW051-604	10/29/2020	N	INITIAL	1	NONE	410-17392-1	99-87-6	4-Isopropyltoluene	< 5.0	5
KAFB-106025	GW025-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	14808-79-8	Sulfate	61	61
KAFB-106025	GW025-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	24959-67-9	Bromide	1.4	1.4
KAFB-106025	GW025-204	10/20/2020	N	INITIAL	50	NONE	410-17392-1	16887-00-6	Chloride	56	56
KAFB-106025	GW025-204	11/7/2020	N	INITIAL	1	NONE	410-17392-1	NNN	Nitrogen as nitrate + nitrite	1.7	1.7
KAFB-106025	GW025-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK	Alkalinity, total (as CaCO3)	91	91
KAFB-106025	GW025-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	91	91
KAFB-106025	GW025-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106025	GW025-204	10/19/2020	T	INITIAL	1	SW3005	410-17392-1	7439-95-4	Magnesium	7.4	7.4
KAFB-106025	GW025-204	10/19/2020	T	INITIAL	1	SW3005	410-17392-1	7440-09-7	Potassium	5.1	5.1
KAFB-106025	GW025-204	10/19/2020	T	INITIAL	1	SW3005	410-17392-1	7440-70-2	Calcium	53	53
KAFB-106025	GW025-204	10/20/2020	T	INITIAL	1	SW3005	410-17392-1	7440-23-5	Sodium	30	30
KAFB-106025	GW025-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106025	GW025-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106025	GW025-204	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7439-92-1	Lead	0.00049	0.00049
KAFB-106025	GW025-204	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7440-38-2	Arsenic	0.00072	0.00072
KAFB-106025	GW025-204	10/25/2020	N	INITIAL	1	METHOD	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-02-8	Acrolein	< 5.0	5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	67-64-1	Acetone	< 2.0	2
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-25-2	Bromoform	< 2.0	2
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106025	GW025-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106088	GW088-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	14808-79-8	Sulfate	34	34
KAFB-106088	GW088-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	16887-00-6	Chloride	14	14
KAFB-106088	GW088-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	24959-67-9	Bromide	< 2.0	2
KAFB-106088	GW088-204	11/7/2020	N	INITIAL	1	NONE	410-17392-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106088	GW088-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK	Alkalinity, total (as CaCO3)	130	130
KAFB-106088	GW088-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	130	130
KAFB-106088	GW088-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106088	GW088-204	10/19/2020	T	INITIAL	1	SW3005	410-17392-1	7439-95-4	Magnesium	6.0	6
KAFB-106088	GW088-204	10/19/2020	T	INITIAL	1	SW3005	410-17392-1	7440-09-7	Potassium	2.3	2.3
KAFB-106088	GW088-204	10/19/2020	T	INITIAL	1	SW3005	410-17392-1	7440-70-2	Calcium	44	44

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106088	GW088-204	10/20/2020	T	INITIAL	1	SW3005	410-17392-1	7440-23-5	Sodium	24	24
KAFB-106088	GW088-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106088	GW088-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106088	GW088-204	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106088	GW088-204	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7440-38-2	Arsenic	0.00086	0.00086
KAFB-106088	GW088-204	10/25/2020	N	INITIAL	1	METHOD	410-17392-1	106-93-4	1,2-Dibromoethane	0.056	0.056
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-02-8	Acrolein	< 5.0	5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	67-64-1	Acetone	1.3	1.3
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-25-2	Bromoform	< 2.0	2
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106088	GW088-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106048	GW048-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	14808-79-8	Sulfate	30	30
KAFB-106048	GW048-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	16887-00-6	Chloride	9.1	9.1
KAFB-106048	GW048-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	24959-67-9	Bromide	< 2.0	2
KAFB-106048	GW048-204	11/7/2020	N	INITIAL	1	NONE	410-17392-1	NNN	Nitrogen as nitrate + nitrite	0.45	0.45
KAFB-106048	GW048-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106048	GW048-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106048	GW048-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106048	GW048-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106048	GW048-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106048	GW048-204	10/25/2020	T	INITIAL	1	SW3005	410-17392-1	7439-95-4	Magnesium	4.9	4.9
KAFB-106048	GW048-204	10/25/2020	T	INITIAL	1	SW3005	410-17392-1	7440-70-2	Calcium	34	34
KAFB-106048	GW048-204	10/27/2020	T	INITIAL	1	SW3005	410-17392-1	7440-09-7	Potassium	2.0	2
KAFB-106048	GW048-204	10/27/2020	T	INITIAL	1	SW3005	410-17392-1	7440-23-5	Sodium	22	22
KAFB-106048	GW048-204	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7439-92-1	Lead	0.00091	0.00091
KAFB-106048	GW048-204	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106048	GW048-204	10/25/2020	N	INITIAL	1	METHOD	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	107-02-8	Acrolein	< 5.0	5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-88-3	Toluene	0.87	0.87
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	135-98-8	sec-Butylbenzene	< 5.0	5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	67-64-1	Acetone	< 2.0	2
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-25-2	Bromoform	< 2.0	2
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106048	GW048-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106072	GW072-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	14808-79-8	Sulfate	35	35
KAFB-106072	GW072-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	16887-00-6	Chloride	25	25
KAFB-106072	GW072-204	10/20/2020	N	INITIAL	5	NONE	410-17392-1	24959-67-9	Bromide	< 2.0	2
KAFB-106072	GW072-204	11/7/2020	N	INITIAL	1	NONE	410-17392-1	NNN	Nitrogen as nitrate + nitrite	0.094	0.094
KAFB-106072	GW072-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK	Alkalinity, total (as CaCO3)	120	120

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106072	GW072-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106072	GW072-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106072	GW072-204	10/20/2020	D	INITIAL	1	METHOD	410-17392-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106072	GW072-204	10/20/2020	D	INITIAL	1	METHOD	410-17392-1	7439-96-5	Manganese	0.033	0.033
KAFB-106072	GW072-204	10/25/2020	T	INITIAL	1	SW3005	410-17392-1	7439-95-4	Magnesium	6.5	6.5
KAFB-106072	GW072-204	10/25/2020	T	INITIAL	1	SW3005	410-17392-1	7440-70-2	Calcium	46	46
KAFB-106072	GW072-204	10/27/2020	T	INITIAL	1	SW3005	410-17392-1	7440-09-7	Potassium	2.3	2.3
KAFB-106072	GW072-204	10/27/2020	T	INITIAL	1	SW3005	410-17392-1	7440-23-5	Sodium	24	24
KAFB-106072	GW072-204	10/19/2020	T	INITIAL	1	SW3020A	410-17392-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106072	GW072-204	10/19/2020	T	INITIAL	1	SW3020A	410-17392-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106072	GW072-204	10/25/2020	N	INITIAL	1	METHOD	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-02-8	Acrolein	< 5.0	5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	67-64-1	Acetone	5.7	5.7
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-01-4	Vinyl chloride	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-25-2	Bromoform	< 2.0	2
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106072	GW072-204	10/28/2020	N	INITIAL	1	NONE	410-17392-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106081	GW081-204	10/21/2020	N	INITIAL	5	NONE	410-17392-1	14808-79-8	Sulfate	24	24
KAFB-106081	GW081-204	10/21/2020	N	INITIAL	5	NONE	410-17392-1	16887-00-6	Chloride	7.2	7.2
KAFB-106081	GW081-204	10/21/2020	N	INITIAL	5	NONE	410-17392-1	24959-67-9	Bromide	< 2.0	2
KAFB-106081	GW081-204	11/7/2020	N	INITIAL	1	NONE	410-17392-1	NNN	Nitrogen as nitrate + nitrite	0.10	0.1
KAFB-106081	GW081-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106081	GW081-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106081	GW081-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106081	GW081-204	10/20/2020	D	INITIAL	1	METHOD	410-17392-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106081	GW081-204	10/20/2020	D	INITIAL	1	METHOD	410-17392-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106081	GW081-204	10/25/2020	T	INITIAL	1	SW3005	410-17392-1	7439-95-4	Magnesium	4.5	4.5
KAFB-106081	GW081-204	10/25/2020	T	INITIAL	1	SW3005	410-17392-1	7440-70-2	Calcium	31	31
KAFB-106081	GW081-204	10/27/2020	T	INITIAL	1	SW3005	410-17392-1	7440-09-7	Potassium	1.8	1.8
KAFB-106081	GW081-204	10/27/2020	T	INITIAL	1	SW3005	410-17392-1	7440-23-5	Sodium	21	21
KAFB-106081	GW081-204	10/19/2020	T	INITIAL	1	SW3020A	410-17392-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106081	GW081-204	10/19/2020	T	INITIAL	1	SW3020A	410-17392-1	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106081	GW081-204	10/25/2020	N	INITIAL	1	METHOD	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	107-02-8	Acrolein	< 5.0	5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-88-3	Toluene	0.49	0.49
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	67-64-1	Acetone	< 2.0	2
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-25-2	Bromoform	< 2.0	2
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106081	GW081-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	99-87-6	4-Isopropyltoluene	< 5.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106061	GW061-204	10/21/2020	N	INITIAL	5	NONE	410-17392-1	14808-79-8	Sulfate	26	26
KAFB-106061	GW061-204	10/21/2020	N	INITIAL	5	NONE	410-17392-1	16887-00-6	Chloride	8.7	8.7
KAFB-106061	GW061-204	10/21/2020	N	INITIAL	5	NONE	410-17392-1	24959-67-9	Bromide	< 2.0	2
KAFB-106061	GW061-204	11/7/2020	N	INITIAL	1	NONE	410-17392-1	NNN	Nitrogen as nitrate + nitrite	0.047	0.047
KAFB-106061	GW061-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106061	GW061-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106061	GW061-204	10/21/2020	N	INITIAL	1	NONE	410-17392-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106061	GW061-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106061	GW061-204	10/22/2020	D	INITIAL	1	METHOD	410-17392-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106061	GW061-204	10/25/2020	T	INITIAL	1	SW3005	410-17392-1	7439-95-4	Magnesium	4.4	4.4
KAFB-106061	GW061-204	10/25/2020	T	INITIAL	1	SW3005	410-17392-1	7440-70-2	Calcium	31	31
KAFB-106061	GW061-204	10/27/2020	T	INITIAL	1	SW3005	410-17392-1	7440-09-7	Potassium	1.8	1.8
KAFB-106061	GW061-204	10/27/2020	T	INITIAL	1	SW3005	410-17392-1	7440-23-5	Sodium	21	21
KAFB-106061	GW061-204	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7439-92-1	Lead	0.00015	0.00015
KAFB-106061	GW061-204	10/21/2020	T	INITIAL	1	SW3020A	410-17392-1	7440-38-2	Arsenic	0.0013	0.0013
KAFB-106061	GW061-204	10/25/2020	N	INITIAL	1	METHOD	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	107-02-8	Acrolein	< 5.0	5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-88-3	Toluene	0.40	0.4
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	135-98-8	sec-Butylbenzene	< 5.0	5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	67-64-1	Acetone	< 2.0	2
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-83-9	Bromomethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-25-2	Bromoform	< 2.0	2
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106061	GW061-204	10/29/2020	N	INITIAL	1	NONE	410-17392-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106069	GW069-204	10/21/2020	N	INITIAL	5	NONE	410-17565-1	14808-79-8	Sulfate	29	29
KAFB-106069	GW069-204	10/21/2020	N	INITIAL	5	NONE	410-17565-1	24959-67-9	Bromide	1.5	1.5
KAFB-106069	GW069-204	10/21/2020	N	INITIAL	50	NONE	410-17565-1	16887-00-6	Chloride	42	42
KAFB-106069	GW069-204	11/7/2020	N	INITIAL	1	NONE	410-17565-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106069	GW069-204	10/21/2020	N	INITIAL	1	NONE	410-17565-1	ALK	Alkalinity, total (as CaCO3)	150	150
KAFB-106069	GW069-204	10/21/2020	N	INITIAL	1	NONE	410-17565-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	150	150
KAFB-106069	GW069-204	10/21/2020	N	INITIAL	1	NONE	410-17565-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106069	GW069-204	10/20/2020	D	INITIAL	1	METHOD	410-17565-1	7439-89-6	Iron	0.096	0.096
KAFB-106069	GW069-204	10/20/2020	D	INITIAL	1	METHOD	410-17565-1	7439-96-5	Manganese	0.35	0.35
KAFB-106069	GW069-204	10/20/2020	T	INITIAL	1	SW3005	410-17565-1	7439-95-4	Magnesium	8.3	8.3
KAFB-106069	GW069-204	10/20/2020	T	INITIAL	1	SW3005	410-17565-1	7440-09-7	Potassium	2.7	2.7
KAFB-106069	GW069-204	10/20/2020	T	INITIAL	1	SW3005	410-17565-1	7440-23-5	Sodium	27	27
KAFB-106069	GW069-204	10/20/2020	T	INITIAL	1	SW3005	410-17565-1	7440-70-2	Calcium	58	58
KAFB-106069	GW069-204	10/19/2020	T	INITIAL	1	SW3020A	410-17565-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106069	GW069-204	10/19/2020	T	INITIAL	1	SW3020A	410-17565-1	7440-38-2	Arsenic	0.00075	0.00075
KAFB-106069	GW069-204	10/25/2020	N	INITIAL	1	METHOD	410-17565-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	103-65-1	n-Propylbenzene	1.4	1.4
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	104-51-8	n-Butylbenzene	0.45	0.45
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	106-93-4	1,2-Dibromoethane	0.35	0.35

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	107-02-8	Acrolein	< 5.0	5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	107-06-2	1,2-Dichloroethane	2.6	2.6
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	108-88-3	Toluene	0.64	0.64
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	135-98-8	sec-Butylbenzene	< 5.0	5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	1634-04-4	Methyl tert-butyl ether	0.55	0.55
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	67-64-1	Acetone	11	11
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	71-43-2	Benzene	0.60	0.6
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	74-95-3	Dibromomethane	0.41	0.41
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-09-2	Methylene chloride	0.86	0.86
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-25-2	Bromoform	< 2.0	2
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	79-34-5	1,1,2,2-Tetrachloroethane	11	11
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	96-18-4	1,2,3-Trichloropropane	4.1	4.1
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	98-06-6	tert-Butylbenzene	4.9	4.9
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	98-82-8	Isopropylbenzene	34	34
KAFB-106069	GW069-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	99-87-6	4-Isopropyltoluene	< 5.0	5
KAFB-106068	GW068-204	10/21/2020	N	INITIAL	5	NONE	410-17565-1	14808-79-8	Sulfate	28	28
KAFB-106068	GW068-204	10/21/2020	N	INITIAL	5	NONE	410-17565-1	16887-00-6	Chloride	7.9	7.9
KAFB-106068	GW068-204	10/21/2020	N	INITIAL	5	NONE	410-17565-1	24959-67-9	Bromide	< 2.0	2
KAFB-106068	GW068-204	11/7/2020	N	INITIAL	1	NONE	410-17565-1	NNN	Nitrogen as nitrate + nitrite	0.25	0.25
KAFB-106068	GW068-204	10/21/2020	N	INITIAL	1	NONE	410-17565-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106068	GW068-204	10/21/2020	N	INITIAL	1	NONE	410-17565-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106068	GW068-204	10/21/2020	N	INITIAL	1	NONE	410-17565-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106068	GW068-204	10/20/2020	D	INITIAL	1	METHOD	410-17565-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106068	GW068-204	10/20/2020	D	INITIAL	1	METHOD	410-17565-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106068	GW068-204	10/20/2020	T	INITIAL	1	SW3005	410-17565-1	7439-95-4	Magnesium	4.7	4.7
KAFB-106068	GW068-204	10/20/2020	T	INITIAL	1	SW3005	410-17565-1	7440-09-7	Potassium	2.0	2
KAFB-106068	GW068-204	10/20/2020	T	INITIAL	1	SW3005	410-17565-1	7440-23-5	Sodium	22	22
KAFB-106068	GW068-204	10/20/2020	T	INITIAL	1	SW3005	410-17565-1	7440-70-2	Calcium	34	34
KAFB-106068	GW068-204	10/19/2020	T	INITIAL	1	SW3020A	410-17565-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106068	GW068-204	10/19/2020	T	INITIAL	1	SW3020A	410-17565-1	7440-38-2	Arsenic	0.0010	0.001
KAFB-106068	GW068-204	10/25/2020	N	INITIAL	1	METHOD	410-17565-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	107-02-8	Acrolein	< 5.0	5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	67-64-1	Acetone	< 2.0	2
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	74-87-3	Chloromethane	0.21	0.21
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-25-2	Bromoform	< 2.0	2
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106068	GW068-204	10/29/2020	N	INITIAL	1	NONE	410-17565-1	99-87-6	4-Isopropyltoluene	< 5.0	5
KAFB-106066	GW066-204	10/21/2020	N	INITIAL	5	NONE	410-17563-1	14808-79-8	Sulfate	27	27
KAFB-106066	GW066-204	10/21/2020	N	INITIAL	5	NONE	410-17563-1	16887-00-6	Chloride	7.8	7.8
KAFB-106066	GW066-204	10/21/2020	N	INITIAL	5	NONE	410-17563-1	24959-67-9	Bromide	< 2.0	2
KAFB-106066	GW066-204	11/7/2020	N	INITIAL	1	NONE	410-17563-1	NNN	Nitrogen as nitrate + nitrite	0.43	0.43
KAFB-106066	GW066-204	10/21/2020	N	INITIAL	1	NONE	410-17563-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106066	GW066-204	10/21/2020	N	INITIAL	1	NONE	410-17563-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106066	GW066-204	10/21/2020	N	INITIAL	1	NONE	410-17563-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106066	GW066-204	10/20/2020	T	INITIAL	1	SW3005	410-17563-1	7439-95-4	Magnesium	4.5	4.5
KAFB-106066	GW066-204	10/20/2020	T	INITIAL	1	SW3005	410-17563-1	7440-09-7	Potassium	2.0	2
KAFB-106066	GW066-204	10/20/2020	T	INITIAL	1	SW3005	410-17563-1	7440-23-5	Sodium	21	21
KAFB-106066	GW066-204	10/20/2020	T	INITIAL	1	SW3005	410-17563-1	7440-70-2	Calcium	32	32
KAFB-106066	GW066-204	10/20/2020	D	INITIAL	1	METHOD	410-17563-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106066	GW066-204	10/20/2020	D	INITIAL	1	METHOD	410-17563-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106066	GW066-204	10/19/2020	T	INITIAL	1	SW3020A	410-17563-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106066	GW066-204	10/19/2020	T	INITIAL	1	SW3020A	410-17563-1	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106066	GW066-204	10/25/2020	N	INITIAL	1	METHOD	410-17563-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	107-02-8	Acrolein	< 5.0	5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	67-64-1	Acetone	< 2.0	2
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	75-25-2	Bromoform	< 2.0	2
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106066	GW066-204	10/29/2020	N	INITIAL	1	NONE	410-17563-1	99-87-6	4-Isopropyltoluene	< 5.0	5
KAFB-106017	GW017-204	10/22/2020	N	INITIAL	5	NONE	410-17749-1	14808-79-8	Sulfate	38	38
KAFB-106017	GW017-204	10/22/2020	N	INITIAL	5	NONE	410-17749-1	16887-00-6	Chloride	17	17
KAFB-106017	GW017-204	10/22/2020	N	INITIAL	5	NONE	410-17749-1	24959-67-9	Bromide	< 2.0	2
KAFB-106017	GW017-204	11/7/2020	N	INITIAL	1	NONE	410-17749-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106017	GW017-204	10/23/2020	N	INITIAL	1	NONE	410-17749-1	ALK	Alkalinity, total (as CaCO3)	140	140
KAFB-106017	GW017-204	10/23/2020	N	INITIAL	1	NONE	410-17749-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	140	140
KAFB-106017	GW017-204	10/23/2020	N	INITIAL	1	NONE	410-17749-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106017	GW017-204	10/21/2020	D	INITIAL	1	METHOD	410-17749-1	7439-89-6	Iron	0.071	0.071
KAFB-106017	GW017-204	10/21/2020	D	INITIAL	1	METHOD	410-17749-1	7439-96-5	Manganese	0.19	0.19
KAFB-106017	GW017-204	10/25/2020	T	INITIAL	1	SW3005	410-17749-1	7439-95-4	Magnesium	7.4	7.4
KAFB-106017	GW017-204	10/25/2020	T	INITIAL	1	SW3005	410-17749-1	7440-23-5	Sodium	26	26
KAFB-106017	GW017-204	10/25/2020	T	INITIAL	1	SW3005	410-17749-1	7440-70-2	Calcium	52	52
KAFB-106017	GW017-204	10/27/2020	T	INITIAL	1	SW3005	410-17749-1	7440-09-7	Potassium	2.5	2.5
KAFB-106017	GW017-204	10/22/2020	T	INITIAL	1	SW3005	410-17749-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106017	GW017-204	10/22/2020	T	INITIAL	1	SW3005	410-17749-1	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106017	GW017-204	10/25/2020	N	INITIAL	1	METHOD	410-17749-1	106-93-4	1,2-Dibromoethane	0.15	0.15
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	103-65-1	n-Propylbenzene	0.62	0.62
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	107-02-8	Acrolein	< 5.0	5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	107-06-2	1,2-Dichloroethane	1.9	1.9
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	127-18-4	Tetrachloroethene	0.37	0.37
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	135-98-8	sec-Butylbenzene	< 5.0	5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	67-64-1	Acetone	7.5	7.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	71-43-2	Benzene	0.70	0.7
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-09-2	Methylene chloride	0.43	0.43
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-25-2	Bromoform	< 2.0	2
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-34-3	1,1-Dichloroethane	0.30	0.3
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	98-06-6	tert-Butylbenzene	4.8	4.8
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	98-82-8	Isopropylbenzene	14	14
KAFB-106017	GW017-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106017	GW017-604	10/22/2020	N	INITIAL	5	NONE	410-17749-1	14808-79-8	Sulfate	38	38
KAFB-106017	GW017-604	10/22/2020	N	INITIAL	5	NONE	410-17749-1	16887-00-6	Chloride	16	16
KAFB-106017	GW017-604	10/22/2020	N	INITIAL	5	NONE	410-17749-1	24959-67-9	Bromide	< 2.0	2
KAFB-106017	GW017-604	11/7/2020	N	INITIAL	1	NONE	410-17749-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106017	GW017-604	10/23/2020	N	INITIAL	1	NONE	410-17749-1	ALK	Alkalinity, total (as CaCO3)	140	140
KAFB-106017	GW017-604	10/23/2020	N	INITIAL	1	NONE	410-17749-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	140	140
KAFB-106017	GW017-604	10/23/2020	N	INITIAL	1	NONE	410-17749-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106017	GW017-604	10/21/2020	D	INITIAL	1	METHOD	410-17749-1	7439-89-6	Iron	0.088	0.088
KAFB-106017	GW017-604	10/21/2020	D	INITIAL	1	METHOD	410-17749-1	7439-96-5	Manganese	0.19	0.19
KAFB-106017	GW017-604	10/25/2020	T	INITIAL	1	SW3005	410-17749-1	7439-95-4	Magnesium	7.3	7.3
KAFB-106017	GW017-604	10/25/2020	T	INITIAL	1	SW3005	410-17749-1	7440-23-5	Sodium	26	26
KAFB-106017	GW017-604	10/25/2020	T	INITIAL	1	SW3005	410-17749-1	7440-70-2	Calcium	51	51
KAFB-106017	GW017-604	10/27/2020	T	INITIAL	1	SW3005	410-17749-1	7440-09-7	Potassium	2.5	2.5
KAFB-106017	GW017-604	10/22/2020	T	INITIAL	1	SW3005	410-17749-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106017	GW017-604	10/22/2020	T	INITIAL	1	SW3005	410-17749-1	7440-38-2	Arsenic	0.00095	0.00095

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106017	GW017-604	10/26/2020	N	INITIAL	1	METHOD	410-17749-1	106-93-4	1,2-Dibromoethane	0.15	0.15
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	103-65-1	n-Propylbenzene	0.40	0.4
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	107-02-8	Acrolein	< 5.0	5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	107-06-2	1,2-Dichloroethane	2.0	2
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	127-18-4	Tetrachloroethene	0.36	0.36
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	135-98-8	sec-Butylbenzene	< 5.0	5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	67-64-1	Acetone	6.2	6.2
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	71-43-2	Benzene	0.74	0.74
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-09-2	Methylene chloride	0.44	0.44
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-25-2	Bromoform	< 2.0	2
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-34-3	1,1-Dichloroethane	0.31	0.31
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	78-93-3	2-Butanone	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	98-06-6	tert-Butylbenzene	4.8	4.8
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	98-82-8	Isopropylbenzene	16	16
KAFB-106017	GW017-604	10/31/2020	N	INITIAL	1	NONE	410-17749-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106067	GW067-204	10/23/2020	N	INITIAL	5	NONE	410-17853-1	14808-79-8	Sulfate	5.7	5.7
KAFB-106067	GW067-204	10/23/2020	N	INITIAL	5	NONE	410-17853-1	16887-00-6	Chloride	27	27
KAFB-106067	GW067-204	10/23/2020	N	INITIAL	5	NONE	410-17853-1	24959-67-9	Bromide	< 2.0	2
KAFB-106067	GW067-204	11/7/2020	N	INITIAL	1	NONE	410-17853-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106067	GW067-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK	Alkalinity, total (as CaCO3)	370	370
KAFB-106067	GW067-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	370	370
KAFB-106067	GW067-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106067	GW067-204	10/25/2020	D	INITIAL	1	METHOD	410-17853-1	7439-89-6	Iron	1.5	1.5
KAFB-106067	GW067-204	10/25/2020	D	INITIAL	1	METHOD	410-17853-1	7439-96-5	Manganese	3.3	3.3
KAFB-106067	GW067-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7439-95-4	Magnesium	15	15
KAFB-106067	GW067-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7440-09-7	Potassium	3.6	3.6
KAFB-106067	GW067-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7440-70-2	Calcium	100	100
KAFB-106067	GW067-204	10/27/2020	T	INITIAL	1	SW3005	410-17853-1	7440-23-5	Sodium	41	41
KAFB-106067	GW067-204	10/23/2020	T	INITIAL	1	SW3005	410-17853-1	7439-92-1	Lead	0.000083	0.000083
KAFB-106067	GW067-204	10/23/2020	T	INITIAL	1	SW3005	410-17853-1	7440-38-2	Arsenic	0.0010	0.001
KAFB-106067	GW067-204	10/26/2020	N	INITIAL	1	METHOD	410-17853-1	106-93-4	1,2-Dibromoethane	0.017	0.017
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	100-41-4	Ethylbenzene	< 1.6	1.6
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	100-42-5	Styrene	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	10061-01-5	Cis-1,3-dichloropropene	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	10061-02-6	Trans-1,3-dichloropropene	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	103-65-1	n-Propylbenzene	1.2	1.2
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	104-51-8	n-Butylbenzene	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	106-43-4	4-Chlorotoluene	0.41	0.41
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	106-46-7	1,4-Dichlorobenzene	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	106-93-4	1,2-Dibromoethane	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	107-02-8	Acrolein	< 10	10
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	107-06-2	1,2-Dichloroethane	5.0	5
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	107-13-1	Acrylonitrile	< 2.0	2
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	108-05-4	Vinyl acetate	< 4.0	4
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	108-10-1	4-Methyl-2-pentanone	< 2.0	2
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	108-67-8	1,3,5-Trimethylbenzene	8.7	8.7
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	108-86-1	Bromobenzene	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	108-88-3	Toluene	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	108-90-7	Chlorobenzene	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	120-82-1	1,2,4-Trichlorobenzene	< 2.0	2
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	124-48-1	Dibromochloromethane	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	127-18-4	Tetrachloroethene	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	1330-20-7	Xylenes, total	< 4.0	4
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	135-98-8	sec-Butylbenzene	< 10	10
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	142-28-9	1,3-Dichloropropane	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	156-59-2	Cis-1,2-Dichloroethene	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	156-60-5	Trans-1,2-Dichloroethene	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	1634-04-4	Methyl tert-butyl ether	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	179601-23-1	m- & p-Xylenes	< 4.0	4
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	541-73-1	1,3-Dichlorobenzene	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	56-23-5	Carbon tetrachloride	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	563-58-6	1,1-Dichloropropene	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	591-78-6	2-Hexanone	< 2.0	2
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	594-20-7	2,2-Dichloropropane	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	630-20-6	1,1,1,2-Tetrachloroethane	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	67-64-1	Acetone	11	11
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	67-66-3	Chloroform	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	71-43-2	Benzene	3.3	3.3
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	71-55-6	1,1,1-Trichloroethane	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	74-83-9	Bromomethane	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	74-87-3	Chloromethane	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	74-95-3	Dibromomethane	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	74-97-5	Bromochloromethane	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	75-00-3	Chloroethane	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	75-01-4	Vinyl chloride	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	75-09-2	Methylene chloride	1.3	1.3
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	75-15-0	Carbon disulfide	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	75-25-2	Bromoform	< 4.0	4
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	75-27-4	Bromodichloromethane	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	75-34-3	1,1-Dichloroethane	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	75-35-4	1,1-Dichloroethene	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	75-69-4	Trichlorofluoromethane	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	75-71-8	Dichlorodifluoromethane	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	78-87-5	1,2-Dichloropropane	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	78-93-3	2-Butanone	< 2.0	2
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	79-00-5	1,1,2-Trichloroethane	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	79-01-6	Trichloroethene	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	79-34-5	1,1,2,2-Tetrachloroethane	25	25
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	87-61-6	1,2,3-Trichlorobenzene	< 2.0	2
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	87-68-3	Hexachloro-1,3-butadiene	< 8.0	8
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	91-20-3	Naphthalene	< 4.0	4
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	95-47-6	o-Xylene	1.3	1.3
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	95-49-8	2-Chlorotoluene	0.89	0.89
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	95-50-1	1,2-Dichlorobenzene	< 1.0	1
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	95-63-6	1,2,4-Trimethylbenzene	< 4.0	4
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	96-12-8	1,2-Dibromo-3-chloropropane	< 2.0	2
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	96-18-4	1,2,3-Trichloropropane	11	11
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	98-06-6	tert-Butylbenzene	10	10
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	98-82-8	Isopropylbenzene	97	97
KAFB-106067	GW067-204	10/30/2020	N	INITIAL	2	NONE	410-17853-1	99-87-6	4-Isopropyltoluene	20	20
KAFB-106094	GW094-204	10/22/2020	N	INITIAL	5	NONE	410-17749-1	14808-79-8	Sulfate	37	37
KAFB-106094	GW094-204	10/22/2020	N	INITIAL	5	NONE	410-17749-1	24959-67-9	Bromide	< 2.0	2
KAFB-106094	GW094-204	10/22/2020	N	INITIAL	20	NONE	410-17749-1	16887-00-6	Chloride	62	62
KAFB-106094	GW094-204	11/7/2020	N	INITIAL	1	NONE	410-17749-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106094	GW094-204	10/23/2020	N	INITIAL	1	NONE	410-17749-1	ALK	Alkalinity, total (as CaCO3)	210	210
KAFB-106094	GW094-204	10/23/2020	N	INITIAL	1	NONE	410-17749-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	210	210
KAFB-106094	GW094-204	10/23/2020	N	INITIAL	1	NONE	410-17749-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106094	GW094-204	10/21/2020	D	INITIAL	1	METHOD	410-17749-1	7439-89-6	Iron	0.87	0.87
KAFB-106094	GW094-204	10/21/2020	D	INITIAL	1	METHOD	410-17749-1	7439-96-5	Manganese	2.0	2
KAFB-106094	GW094-204	10/25/2020	T	INITIAL	1	SW3005	410-17749-1	7439-95-4	Magnesium	14	14

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106094	GW094-204	10/25/2020	T	INITIAL	1	SW3005	410-17749-1	7440-70-2	Calcium	90	90
KAFB-106094	GW094-204	10/27/2020	T	INITIAL	1	SW3005	410-17749-1	7440-09-7	Potassium	3.3	3.3
KAFB-106094	GW094-204	10/27/2020	T	INITIAL	1	SW3005	410-17749-1	7440-23-5	Sodium	33	33
KAFB-106094	GW094-204	10/22/2020	T	INITIAL	1	SW3005	410-17749-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106094	GW094-204	10/22/2020	T	INITIAL	1	SW3005	410-17749-1	7440-38-2	Arsenic	0.0013	0.0013
KAFB-106094	GW094-204	10/26/2020	N	INITIAL	1	METHOD	410-17749-1	106-93-4	1,2-Dibromoethane	0.071	0.071
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	107-02-8	Acrolein	< 5.0	5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	107-06-2	1,2-Dichloroethane	0.54	0.54
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	135-98-8	sec-Butylbenzene	< 5.0	5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	67-64-1	Acetone	2.4	2.4
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	71-43-2	Benzene	0.48	0.48
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-25-2	Bromoform	< 2.0	2
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	98-82-8	Isopropylbenzene	0.66	0.66
KAFB-106094	GW094-204	10/31/2020	N	INITIAL	1	NONE	410-17749-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106065	GW065-204	10/23/2020	N	INITIAL	5	NONE	410-17853-1	14808-79-8	Sulfate	35	35
KAFB-106065	GW065-204	10/23/2020	N	INITIAL	5	NONE	410-17853-1	16887-00-6	Chloride	20	20
KAFB-106065	GW065-204	10/23/2020	N	INITIAL	5	NONE	410-17853-1	24959-67-9	Bromide	< 2.0	2
KAFB-106065	GW065-204	11/7/2020	N	INITIAL	1	NONE	410-17853-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106065	GW065-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK	Alkalinity, total (as CaCO3)	190	190
KAFB-106065	GW065-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	190	190
KAFB-106065	GW065-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106065	GW065-204	10/25/2020	D	INITIAL	1	METHOD	410-17853-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106065	GW065-204	10/25/2020	D	INITIAL	1	METHOD	410-17853-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106065	GW065-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7439-95-4	Magnesium	9.1	9.1
KAFB-106065	GW065-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7440-09-7	Potassium	2.8	2.8
KAFB-106065	GW065-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7440-70-2	Calcium	57	57
KAFB-106065	GW065-204	10/27/2020	T	INITIAL	1	SW3005	410-17853-1	7440-23-5	Sodium	31	31
KAFB-106065	GW065-204	10/23/2020	T	INITIAL	1	SW3005	410-17853-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106065	GW065-204	10/23/2020	T	INITIAL	1	SW3005	410-17853-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106065	GW065-204	10/27/2020	N	INITIAL	1	METHOD	410-17853-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	107-02-8	Acrolein	< 5.0	5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	67-64-1	Acetone	< 2.0	2
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-25-2	Bromoform	< 2.0	2
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106065	GW065-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	99-87-6	4-Isopropyltoluene	< 5.0	5
KAFB-106047	GW047-204	10/23/2020	N	INITIAL	5	NONE	410-17853-1	14808-79-8	Sulfate	32	32
KAFB-106047	GW047-204	10/23/2020	N	INITIAL	5	NONE	410-17853-1	16887-00-6	Chloride	11	11
KAFB-106047	GW047-204	10/23/2020	N	INITIAL	5	NONE	410-17853-1	24959-67-9	Bromide	< 2.0	2
KAFB-106047	GW047-204	11/7/2020	N	INITIAL	1	NONE	410-17853-1	NNN	Nitrogen as nitrate + nitrite	0.55	0.55
KAFB-106047	GW047-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK	Alkalinity, total (as CaCO3)	120	120

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106047	GW047-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106047	GW047-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106047	GW047-204	10/25/2020	D	INITIAL	1	METHOD	410-17853-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106047	GW047-204	10/25/2020	D	INITIAL	1	METHOD	410-17853-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106047	GW047-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7439-95-4	Magnesium	5.0	5
KAFB-106047	GW047-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7440-09-7	Potassium	2.2	2.2
KAFB-106047	GW047-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7440-70-2	Calcium	37	37
KAFB-106047	GW047-204	10/27/2020	T	INITIAL	1	SW3005	410-17853-1	7440-23-5	Sodium	24	24
KAFB-106047	GW047-204	10/23/2020	T	INITIAL	1	SW3005	410-17853-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106047	GW047-204	10/23/2020	T	INITIAL	1	SW3005	410-17853-1	7440-38-2	Arsenic	0.0015	0.0015
KAFB-106047	GW047-204	10/26/2020	N	INITIAL	1	METHOD	410-17853-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	107-02-8	Acrolein	< 5.0	5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	67-64-1	Acetone	< 2.0	2
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-01-4	Vinyl chloride	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-25-2	Bromoform	< 2.0	2
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-71-8	Dichlorodifluoromethane	0.36	0.36
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106047	GW047-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	99-87-6	4-Isopropyltoluene	< 5.0	5
KAFB-106046	GW046-204	10/22/2020	N	INITIAL	5	NONE	410-17853-1	14808-79-8	Sulfate	27	27
KAFB-106046	GW046-204	10/22/2020	N	INITIAL	5	NONE	410-17853-1	16887-00-6	Chloride	11	11
KAFB-106046	GW046-204	10/22/2020	N	INITIAL	5	NONE	410-17853-1	24959-67-9	Bromide	< 2.0	2
KAFB-106046	GW046-204	11/7/2020	N	INITIAL	1	NONE	410-17853-1	NNN	Nitrogen as nitrate + nitrite	0.10	0.1
KAFB-106046	GW046-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK	Alkalinity, total (as CaCO3)	150	150
KAFB-106046	GW046-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	150	150
KAFB-106046	GW046-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106046	GW046-204	10/25/2020	D	INITIAL	1	METHOD	410-17853-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106046	GW046-204	10/25/2020	D	INITIAL	1	METHOD	410-17853-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106046	GW046-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7439-95-4	Magnesium	6.0	6
KAFB-106046	GW046-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7440-09-7	Potassium	2.4	2.4
KAFB-106046	GW046-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7440-70-2	Calcium	43	43
KAFB-106046	GW046-204	10/27/2020	T	INITIAL	1	SW3005	410-17853-1	7440-23-5	Sodium	26	26
KAFB-106046	GW046-204	10/23/2020	T	INITIAL	1	SW3005	410-17853-1	7439-92-1	Lead	0.00012	0.00012
KAFB-106046	GW046-204	10/23/2020	T	INITIAL	1	SW3005	410-17853-1	7440-38-2	Arsenic	0.0014	0.0014
KAFB-106046	GW046-204	10/26/2020	N	INITIAL	1	METHOD	410-17853-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	107-02-8	Acrolein	< 5.0	5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	135-98-8	sec-Butylbenzene	< 5.0	5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	67-64-1	Acetone	< 2.0	2
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-25-2	Bromoform	< 2.0	2
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-71-8	Dichlorodifluoromethane	0.36	0.36
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	98-82-8	Isopropylbenzene	0.20	0.2
KAFB-106046	GW046-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	99-87-6	4-Isopropyltoluene	< 5.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106062	GW062-204	10/23/2020	N	INITIAL	5	NONE	410-17853-1	14808-79-8	Sulfate	29	29
KAFB-106062	GW062-204	10/23/2020	N	INITIAL	5	NONE	410-17853-1	16887-00-6	Chloride	7.8	7.8
KAFB-106062	GW062-204	10/23/2020	N	INITIAL	5	NONE	410-17853-1	24959-67-9	Bromide	< 2.0	2
KAFB-106062	GW062-204	11/7/2020	N	INITIAL	1	NONE	410-17853-1	NNN	Nitrogen as nitrate + nitrite	0.099	0.099
KAFB-106062	GW062-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106062	GW062-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106062	GW062-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106062	GW062-204	10/25/2020	D	INITIAL	1	METHOD	410-17853-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106062	GW062-204	10/25/2020	D	INITIAL	1	METHOD	410-17853-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106062	GW062-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7439-95-4	Magnesium	4.4	4.4
KAFB-106062	GW062-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7440-09-7	Potassium	2.1	2.1
KAFB-106062	GW062-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7440-70-2	Calcium	32	32
KAFB-106062	GW062-204	10/27/2020	T	INITIAL	1	SW3005	410-17853-1	7440-23-5	Sodium	22	22
KAFB-106062	GW062-204	10/23/2020	T	INITIAL	1	SW3005	410-17853-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106062	GW062-204	10/23/2020	T	INITIAL	1	SW3005	410-17853-1	7440-38-2	Arsenic	0.0014	0.0014
KAFB-106062	GW062-204	10/26/2020	N	INITIAL	1	METHOD	410-17853-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	107-02-8	Acrolein	< 5.0	5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	67-64-1	Acetone	< 2.0	2
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-83-9	Bromomethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-25-2	Bromoform	< 2.0	2
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106062	GW062-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106078	GW078-204	10/23/2020	N	INITIAL	1	NONE	410-17853-1	24959-67-9	Bromide	< 0.40	0.4
KAFB-106078	GW078-204	10/23/2020	N	INITIAL	5	NONE	410-17853-1	14808-79-8	Sulfate	28	28
KAFB-106078	GW078-204	10/23/2020	N	INITIAL	5	NONE	410-17853-1	16887-00-6	Chloride	6.7	6.7
KAFB-106078	GW078-204	11/7/2020	N	INITIAL	1	NONE	410-17853-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106078	GW078-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106078	GW078-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106078	GW078-204	10/22/2020	N	INITIAL	1	NONE	410-17853-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106078	GW078-204	10/25/2020	D	INITIAL	1	METHOD	410-17853-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106078	GW078-204	10/25/2020	D	INITIAL	1	METHOD	410-17853-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106078	GW078-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7439-95-4	Magnesium	4.2	4.2
KAFB-106078	GW078-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7440-09-7	Potassium	2.1	2.1
KAFB-106078	GW078-204	10/26/2020	T	INITIAL	1	SW3005	410-17853-1	7440-70-2	Calcium	30	30
KAFB-106078	GW078-204	10/27/2020	T	INITIAL	1	SW3005	410-17853-1	7440-23-5	Sodium	21	21
KAFB-106078	GW078-204	10/23/2020	T	INITIAL	1	SW3005	410-17853-1	7439-92-1	Lead	0.00094	0.00094
KAFB-106078	GW078-204	10/23/2020	T	INITIAL	1	SW3005	410-17853-1	7440-38-2	Arsenic	0.0015	0.0015
KAFB-106078	GW078-204	10/27/2020	N	INITIAL	1	METHOD	410-17853-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	107-02-8	Acrolein	< 5.0	5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	67-64-1	Acetone	< 2.0	2
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-25-2	Bromoform	< 2.0	2
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106078	GW078-204	10/30/2020	N	INITIAL	1	NONE	410-17853-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106002	GW002-204	11/6/2020	N	INITIAL	10	NONE	410-18029-1	16887-00-6	Chloride	32	32
KAFB-106002	GW002-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	14808-79-8	Sulfate	44	44
KAFB-106002	GW002-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	24959-67-9	Bromide	< 2.0	2
KAFB-106002	GW002-204	11/17/2020	N	INITIAL	1	NONE	410-18029-1	NNN	Nitrogen as nitrate + nitrite	1.5	1.5
KAFB-106002	GW002-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106002	GW002-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106002	GW002-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106002	GW002-204	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106002	GW002-204	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106002	GW002-204	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7439-95-4	Magnesium	7.1	7.1
KAFB-106002	GW002-204	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7440-23-5	Sodium	23	23
KAFB-106002	GW002-204	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7440-70-2	Calcium	49	49
KAFB-106002	GW002-204	10/28/2020	T	INITIAL	1	SW3005	410-18029-1	7440-09-7	Potassium	2.5	2.5
KAFB-106002	GW002-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106002	GW002-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7440-38-2	Arsenic	0.00087	0.00087
KAFB-106002	GW002-204	10/29/2020	N	INITIAL	1	METHOD	410-18029-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	107-02-8	Acrolein	< 5.0	5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	67-64-1	Acetone	< 2.0	2
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-25-2	Bromoform	< 2.0	2
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106002	GW002-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106060	GW060-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	14808-79-8	Sulfate	41	41
KAFB-106060	GW060-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	16887-00-6	Chloride	19	19
KAFB-106060	GW060-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	24959-67-9	Bromide	< 2.0	2
KAFB-106060	GW060-204	11/17/2020	N	INITIAL	1	NONE	410-18029-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106060	GW060-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK	Alkalinity, total (as CaCO3)	220	220
KAFB-106060	GW060-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	220	220
KAFB-106060	GW060-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106060	GW060-204	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106060	GW060-204	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106060	GW060-204	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7439-95-4	Magnesium	9.8	9.8
KAFB-106060	GW060-204	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7440-70-2	Calcium	66	66
KAFB-106060	GW060-204	10/28/2020	T	INITIAL	1	SW3005	410-18029-1	7440-09-7	Potassium	3.0	3
KAFB-106060	GW060-204	10/28/2020	T	INITIAL	1	SW3005	410-18029-1	7440-23-5	Sodium	30	30
KAFB-106060	GW060-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106060	GW060-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106060	GW060-204	10/29/2020	N	INITIAL	1	METHOD	410-18029-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	107-02-8	Acrolein	< 5.0	5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	67-64-1	Acetone	< 2.0	2
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-25-2	Bromoform	< 2.0	2
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106060	GW060-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106149-484	GW149-484-204	11/7/2020	N	INITIAL	5	NONE	410-18029-1	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106149-484	GW149-484-204	11/7/2020	N	INITIAL	5	NONE	410-18029-1	16887-00-6	Chloride	13	13
KAFB-106149-484	GW149-484-204	11/7/2020	N	INITIAL	5	NONE	410-18029-1	24959-67-9	Bromide	< 2.0	2
KAFB-106149-484	GW149-484-204	11/17/2020	N	INITIAL	1	NONE	410-18029-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106149-484	GW149-484-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK	Alkalinity, total (as CaCO3)	320	320
KAFB-106149-484	GW149-484-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	320	320
KAFB-106149-484	GW149-484-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106149-484	GW149-484-204	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106149-484	GW149-484-204	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106149-484	GW149-484-204	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7439-95-4	Magnesium	15	15
KAFB-106149-484	GW149-484-204	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7440-23-5	Sodium	32	32
KAFB-106149-484	GW149-484-204	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7440-70-2	Calcium	93	93
KAFB-106149-484	GW149-484-204	10/28/2020	T	INITIAL	1	SW3005	410-18029-1	7440-09-7	Potassium	3.4	3.4
KAFB-106149-484	GW149-484-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7439-92-1	Lead	0.00057	0.00057
KAFB-106149-484	GW149-484-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7440-38-2	Arsenic	0.0038	0.0038
KAFB-106149-484	GW149-484-204	10/31/2020	N	INITIAL	200	METHOD	410-18029-1	106-93-4	1,2-Dibromoethane	17	17
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	100-41-4	Ethylbenzene	390	390
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	100-42-5	Styrene	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	10061-01-5	Cis-1,3-dichloropropene	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	10061-02-6	Trans-1,3-dichloropropene	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	103-65-1	n-Propylbenzene	53	53
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	104-51-8	n-Butylbenzene	8.5	8.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	106-43-4	4-Chlorotoluene	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	106-46-7	1,4-Dichlorobenzene	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	106-93-4	1,2-Dibromoethane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	107-02-8	Acrolein	< 25	25
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	107-06-2	1,2-Dichloroethane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	107-13-1	Acrylonitrile	< 5.0	5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	108-05-4	Vinyl acetate	< 10	10
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	108-10-1	4-Methyl-2-pentanone	28	28
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	108-67-8	1,3,5-Trimethylbenzene	100	100
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	108-86-1	Bromobenzene	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	108-90-7	Chlorobenzene	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	120-82-1	1,2,4-Trichlorobenzene	< 5.0	5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	124-48-1	Dibromochloromethane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	127-18-4	Tetrachloroethene	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	1330-20-7	Xylenes, total	2200	2200
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	135-98-8	sec-Butylbenzene	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	142-28-9	1,3-Dichloropropane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	156-59-2	Cis-1,2-Dichloroethene	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	156-60-5	Trans-1,2-Dichloroethene	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	1634-04-4	Methyl tert-butyl ether	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	179601-23-1	m- & p-Xylenes	1400	1400
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	541-73-1	1,3-Dichlorobenzene	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	56-23-5	Carbon tetrachloride	< 2.5	2.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	563-58-6	1,1-Dichloropropene	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	591-78-6	2-Hexanone	71	71
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	594-20-7	2,2-Dichloropropane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	630-20-6	1,1,1,2-Tetrachloroethane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	67-64-1	Acetone	86	86
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	67-66-3	Chloroform	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	71-43-2	Benzene	1500	1500
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	71-55-6	1,1,1-Trichloroethane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	74-83-9	Bromomethane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	74-87-3	Chloromethane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	74-95-3	Dibromomethane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	74-97-5	Bromochloromethane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	75-00-3	Chloroethane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	75-01-4	Vinyl chloride	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	75-09-2	Methylene chloride	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	75-15-0	Carbon disulfide	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	75-25-2	Bromoform	< 10	10
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	75-27-4	Bromodichloromethane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	75-34-3	1,1-Dichloroethane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	75-35-4	1,1-Dichloroethene	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	75-69-4	Trichlorofluoromethane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	75-71-8	Dichlorodifluoromethane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	78-87-5	1,2-Dichloropropane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	78-93-3	2-Butanone	25	25
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	79-00-5	1,1,2-Trichloroethane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	79-01-6	Trichloroethene	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	79-34-5	1,1,2,2-Tetrachloroethane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	87-61-6	1,2,3-Trichlorobenzene	< 5.0	5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	87-68-3	Hexachloro-1,3-butadiene	< 20	20
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	91-20-3	Naphthalene	140	140
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	95-47-6	o-Xylene	760	760
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	95-49-8	2-Chlorotoluene	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	95-50-1	1,2-Dichlorobenzene	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	95-63-6	1,2,4-Trimethylbenzene	310	310
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	96-12-8	1,2-Dibromo-3-chloropropane	< 5.0	5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	96-18-4	1,2,3-Trichloropropane	< 2.5	2.5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	98-06-6	tert-Butylbenzene	< 5.0	5
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	98-82-8	Isopropylbenzene	44	44
KAFB-106149-484	GW149-484-204	11/4/2020	N	INITIAL	5	NONE	410-18029-1	99-87-6	4-Isopropyltoluene	10	10
KAFB-106149-484	GW149-484-204	11/4/2020	N	REANALYSIS	50	NONE	410-18029-1	108-88-3	Toluene	3900	3900
KAFB-106151-484	GW151-484-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	24959-67-9	Bromide	< 2.0	2
KAFB-106151-484	GW151-484-204	11/6/2020	N	INITIAL	50	NONE	410-18029-1	14808-79-8	Sulfate	330	330
KAFB-106151-484	GW151-484-204	11/6/2020	N	INITIAL	50	NONE	410-18029-1	16887-00-6	Chloride	78	78
KAFB-106151-484	GW151-484-204	11/17/2020	N	INITIAL	1	NONE	410-18029-1	NNN	Nitrogen as nitrate + nitrite	0.36	0.36
KAFB-106151-484	GW151-484-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK	Alkalinity, total (as CaCO3)	220	220
KAFB-106151-484	GW151-484-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	220	220
KAFB-106151-484	GW151-484-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106151-484	GW151-484-204	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106151-484	GW151-484-204	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106151-484	GW151-484-204	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7439-95-4	Magnesium	25	25
KAFB-106151-484	GW151-484-204	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7440-23-5	Sodium	40	40
KAFB-106151-484	GW151-484-204	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7440-70-2	Calcium	160	160
KAFB-106151-484	GW151-484-204	10/28/2020	T	INITIAL	1	SW3005	410-18029-1	7440-09-7	Potassium	4.1	4.1
KAFB-106151-484	GW151-484-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106151-484	GW151-484-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7440-38-2	Arsenic	< 0.0016	0.0016

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106151-484	GW151-484-204	10/29/2020	N	INITIAL	1	METHOD	410-18029-1	106-93-4	1,2-Dibromoethane	0.030	0.03
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	107-02-8	Acrolein	< 5.0	5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	67-64-1	Acetone	3.2	3.2
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	67-66-3	Chloroform	0.44	0.44
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	71-43-2	Benzene	0.38	0.38
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	75-25-2	Bromoform	< 2.0	2
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	78-93-3	2-Butanone	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-204	11/4/2020	N	INITIAL	1	NONE	410-18029-1	99-87-6	4-Isopropyltoluene	0.24	0.24
KAFB-106151-484	GW151-484-604	11/6/2020	N	INITIAL	50	NONE	410-18029-1	14808-79-8	Sulfate	310	310
KAFB-106151-484	GW151-484-604	11/6/2020	N	INITIAL	50	NONE	410-18029-1	16887-00-6	Chloride	79	79
KAFB-106151-484	GW151-484-604	11/6/2020	N	INITIAL	5	NONE	410-18029-1	24959-67-9	Bromide	< 2.0	2
KAFB-106151-484	GW151-484-604	11/17/2020	N	INITIAL	1	NONE	410-18029-1	NNN	Nitrogen as nitrate + nitrite	0.40	0.4
KAFB-106151-484	GW151-484-604	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK	Alkalinity, total (as CaCO3)	200	200
KAFB-106151-484	GW151-484-604	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	200	200
KAFB-106151-484	GW151-484-604	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106151-484	GW151-484-604	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106151-484	GW151-484-604	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-96-5	Manganese	0.19	0.19
KAFB-106151-484	GW151-484-604	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7439-95-4	Magnesium	25	25
KAFB-106151-484	GW151-484-604	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7440-23-5	Sodium	40	40
KAFB-106151-484	GW151-484-604	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7440-70-2	Calcium	160	160
KAFB-106151-484	GW151-484-604	10/28/2020	T	INITIAL	1	SW3005	410-18029-1	7440-09-7	Potassium	4.1	4.1
KAFB-106151-484	GW151-484-604	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106151-484	GW151-484-604	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106151-484	GW151-484-604	10/29/2020	N	INITIAL	1	METHOD	410-18029-1	106-93-4	1,2-Dibromoethane	0.030	0.03
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	107-02-8	Acrolein	< 5.0	5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	67-64-1	Acetone	4.3	4.3
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	67-66-3	Chloroform	0.42	0.42
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	71-43-2	Benzene	0.27	0.27
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-25-2	Bromoform	< 2.0	2
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106151-484	GW151-484-604	11/3/2020	N	INITIAL	1	NONE	410-18029-1	99-87-6	4-Isopropyltoluene	0.99	0.99
KAFB-106S1-447	GWS1-447-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106S1-447	GWS1-447-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	24959-67-9	Bromide	3.3	3.3
KAFB-106S1-447	GWS1-447-204	11/6/2020	N	INITIAL	10	NONE	410-18029-1	16887-00-6	Chloride	55	55
KAFB-106S1-447	GWS1-447-204	11/17/2020	N	INITIAL	1	NONE	410-18029-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S1-447	GWS1-447-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK	Alkalinity, total (as CaCO3)	560	560
KAFB-106S1-447	GWS1-447-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	560	560
KAFB-106S1-447	GWS1-447-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S1-447	GWS1-447-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7439-95-4	Magnesium	34	34
KAFB-106S1-447	GWS1-447-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7440-09-7	Potassium	4.8	4.8
KAFB-106S1-447	GWS1-447-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7440-70-2	Calcium	200	200

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S1-447	GWS1-447-204	10/26/2020	T	INITIAL	1	SW3005	410-18029-1	7440-23-5	Sodium	48	48
KAFB-106S1-447	GWS1-447-204	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-89-6	Iron	3.2	3.2
KAFB-106S1-447	GWS1-447-204	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-96-5	Manganese	7.1	7.1
KAFB-106S1-447	GWS1-447-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7439-92-1	Lead	0.00027	0.00027
KAFB-106S1-447	GWS1-447-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7440-38-2	Arsenic	0.0046	0.0046
KAFB-106S1-447	GWS1-447-204	10/31/2020	N	INITIAL	50	METHOD	410-18029-1	106-93-4	1,2-Dibromoethane	5.3	5.3
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	100-41-4	Ethylbenzene	590	590
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	100-42-5	Styrene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	10061-01-5	Cis-1,3-dichloropropene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	10061-02-6	Trans-1,3-dichloropropene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	103-65-1	n-Propylbenzene	59	59
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	104-51-8	n-Butylbenzene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	106-43-4	4-Chlorotoluene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	106-46-7	1,4-Dichlorobenzene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	106-93-4	1,2-Dibromoethane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	107-02-8	Acrolein	< 500	500
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	107-06-2	1,2-Dichloroethane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	107-13-1	Acrylonitrile	< 100	100
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	108-05-4	Vinyl acetate	< 200	200
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	108-10-1	4-Methyl-2-pentanone	830	830
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	108-67-8	1,3,5-Trimethylbenzene	79	79
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	108-86-1	Bromobenzene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	108-88-3	Toluene	4000	4000
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	108-90-7	Chlorobenzene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	120-82-1	1,2,4-Trichlorobenzene	< 100	100
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	124-48-1	Dibromochloromethane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	127-18-4	Tetrachloroethene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	1330-20-7	Xylenes, total	3000	3000
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	135-98-8	sec-Butylbenzene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	142-28-9	1,3-Dichloropropane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	156-59-2	Cis-1,2-Dichloroethene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	156-60-5	Trans-1,2-Dichloroethene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	1634-04-4	Methyl tert-butyl ether	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	179601-23-1	m- & p-Xylenes	1900	1900
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	541-73-1	1,3-Dichlorobenzene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	56-23-5	Carbon tetrachloride	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	563-58-6	1,1-Dichloropropene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	591-78-6	2-Hexanone	1100	1100
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	594-20-7	2,2-Dichloropropane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	630-20-6	1,1,1,2-Tetrachloroethane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	67-64-1	Acetone	2000	2000
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	67-66-3	Chloroform	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	71-43-2	Benzene	1700	1700
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	71-55-6	1,1,1-Trichloroethane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	74-83-9	Bromomethane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	74-87-3	Chloromethane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	74-95-3	Dibromomethane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	74-97-5	Bromochloromethane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	75-00-3	Chloroethane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	75-01-4	Vinyl chloride	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	75-09-2	Methylene chloride	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	75-15-0	Carbon disulfide	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	75-25-2	Bromoform	< 200	200
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	75-27-4	Bromodichloromethane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	75-34-3	1,1-Dichloroethane	< 50	50

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	75-35-4	1,1-Dichloroethene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	75-69-4	Trichlorofluoromethane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	75-71-8	Dichlorodifluoromethane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	78-87-5	1,2-Dichloropropane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	78-93-3	2-Butanone	1100	1100
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	79-00-5	1,1,2-Trichloroethane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	79-01-6	Trichloroethene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	79-34-5	1,1,2,2-Tetrachloroethane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	87-61-6	1,2,3-Trichlorobenzene	< 100	100
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	87-68-3	Hexachloro-1,3-butadiene	< 400	400
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	91-20-3	Naphthalene	150	150
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	95-47-6	o-Xylene	1100	1100
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	95-49-8	2-Chlorotoluene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	95-50-1	1,2-Dichlorobenzene	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	95-63-6	1,2,4-Trimethylbenzene	250	250
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	96-12-8	1,2-Dibromo-3-chloropropane	< 100	100
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	96-18-4	1,2,3-Trichloropropane	< 50	50
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	98-06-6	tert-Butylbenzene	< 100	100
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	98-82-8	Isopropylbenzene	72	72
KAFB-106S1-447	GWS1-447-204	11/3/2020	N	INITIAL	100	NONE	410-18029-1	99-87-6	4-Isopropyltoluene	290	290
KAFB-106153-484	GW153-484-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	14808-79-8	Sulfate	1.8	1.8
KAFB-106153-484	GW153-484-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	16887-00-6	Chloride	14	14
KAFB-106153-484	GW153-484-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	24959-67-9	Bromide	1.4	1.4
KAFB-106153-484	GW153-484-204	11/17/2020	N	INITIAL	1	NONE	410-18029-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106153-484	GW153-484-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK	Alkalinity, total (as CaCO3)	370	370
KAFB-106153-484	GW153-484-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	370	370
KAFB-106153-484	GW153-484-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106153-484	GW153-484-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7439-95-4	Magnesium	20	20
KAFB-106153-484	GW153-484-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7440-09-7	Potassium	4.1	4.1
KAFB-106153-484	GW153-484-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7440-70-2	Calcium	130	130
KAFB-106153-484	GW153-484-204	10/26/2020	T	INITIAL	1	SW3005	410-18029-1	7440-23-5	Sodium	39	39
KAFB-106153-484	GW153-484-204	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106153-484	GW153-484-204	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106153-484	GW153-484-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7439-92-1	Lead	0.00013	0.00013
KAFB-106153-484	GW153-484-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7440-38-2	Arsenic	0.0039	0.0039
KAFB-106153-484	GW153-484-204	10/31/2020	N	INITIAL	200	METHOD	410-18029-1	106-93-4	1,2-Dibromoethane	35	35
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	100-41-4	Ethylbenzene	320	320
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	100-42-5	Styrene	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	10061-01-5	Cis-1,3-dichloropropene	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	10061-02-6	Trans-1,3-dichloropropene	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	103-65-1	n-Propylbenzene	36	36
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	104-51-8	n-Butylbenzene	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	106-43-4	4-Chlorotoluene	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	106-46-7	1,4-Dichlorobenzene	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	106-93-4	1,2-Dibromoethane	49	49
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	107-02-8	Acrolein	< 100	100
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	107-06-2	1,2-Dichloroethane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	107-13-1	Acrylonitrile	< 20	20
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	108-05-4	Vinyl acetate	< 40	40
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	108-10-1	4-Methyl-2-pentanone	890	890
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	108-67-8	1,3,5-Trimethylbenzene	58	58
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	108-86-1	Bromobenzene	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	108-90-7	Chlorobenzene	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	120-82-1	1,2,4-Trichlorobenzene	< 20	20
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	124-48-1	Dibromochloromethane	< 10	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	127-18-4	Tetrachloroethene	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	1330-20-7	Xylenes, total	1500	1500
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	135-98-8	sec-Butylbenzene	8.1	8.1
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	142-28-9	1,3-Dichloropropane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	156-59-2	Cis-1,2-Dichloroethene	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	156-60-5	Trans-1,2-Dichloroethene	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	1634-04-4	Methyl tert-butyl ether	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	179601-23-1	m- & p-Xylenes	960	960
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	541-73-1	1,3-Dichlorobenzene	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	56-23-5	Carbon tetrachloride	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	563-58-6	1,1-Dichloropropene	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	591-78-6	2-Hexanone	1600	1600
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	594-20-7	2,2-Dichloropropane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	630-20-6	1,1,1,2-Tetrachloroethane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	67-64-1	Acetone	2500	2500
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	67-66-3	Chloroform	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	71-55-6	1,1,1-Trichloroethane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	74-83-9	Bromomethane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	74-87-3	Chloromethane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	74-95-3	Dibromomethane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	74-97-5	Bromochloromethane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	75-00-3	Chloroethane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	75-01-4	Vinyl chloride	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	75-09-2	Methylene chloride	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	75-15-0	Carbon disulfide	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	75-25-2	Bromoform	< 40	40
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	75-27-4	Bromodichloromethane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	75-34-3	1,1-Dichloroethane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	75-35-4	1,1-Dichloroethene	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	75-69-4	Trichlorofluoromethane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	75-71-8	Dichlorodifluoromethane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	78-87-5	1,2-Dichloropropane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	78-93-3	2-Butanone	1000	1000
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	79-00-5	1,1,2-Trichloroethane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	79-01-6	Trichloroethene	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	79-34-5	1,1,2,2-Tetrachloroethane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	87-61-6	1,2,3-Trichlorobenzene	< 20	20
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	87-68-3	Hexachloro-1,3-butadiene	< 80	80
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	91-20-3	Naphthalene	420	420
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	95-47-6	o-Xylene	520	520
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	95-49-8	2-Chlorotoluene	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	95-50-1	1,2-Dichlorobenzene	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	95-63-6	1,2,4-Trimethylbenzene	150	150
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	96-12-8	1,2-Dibromo-3-chloropropane	< 20	20
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	96-18-4	1,2,3-Trichloropropane	< 10	10
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	98-06-6	tert-Butylbenzene	< 20	20
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	98-82-8	Isopropylbenzene	94	94
KAFB-106153-484	GW153-484-204	11/3/2020	N	INITIAL	20	NONE	410-18029-1	99-87-6	4-Isopropyltoluene	500	500
KAFB-106153-484	GW153-484-204	11/3/2020	N	REANALYSIS	200	NONE	410-18029-1	108-88-3	Toluene	10000	10000
KAFB-106153-484	GW153-484-204	11/3/2020	N	REANALYSIS	200	NONE	410-18029-1	71-43-2	Benzene	14000	14000
KAFB-106S8-451	GWS8-451-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	14808-79-8	Sulfate	4.5	4.5
KAFB-106S8-451	GWS8-451-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	16887-00-6	Chloride	12	12
KAFB-106S8-451	GWS8-451-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	24959-67-9	Bromide	< 2.0	2
KAFB-106S8-451	GWS8-451-204	11/17/2020	N	INITIAL	1	NONE	410-18029-1	NNN	Nitrogen as nitrate + nitrite	< 0.09	0.09
KAFB-106S8-451	GWS8-451-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK	Alkalinity, total (as CaCO3)	450	450

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S8-451	GWS8-451-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	450	450
KAFB-106S8-451	GWS8-451-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6	6
KAFB-106S8-451	GWS8-451-204	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7439-95-4	Magnesium	20	20
KAFB-106S8-451	GWS8-451-204	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7440-23-5	Sodium	33	33
KAFB-106S8-451	GWS8-451-204	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7440-70-2	Calcium	110	110
KAFB-106S8-451	GWS8-451-204	10/28/2020	T	INITIAL	1	SW3005	410-18029-1	7440-09-7	Potassium	4.4	4.4
KAFB-106S8-451	GWS8-451-204	1/15/2021	D	INITIAL	1	METHOD	410-18029-1	7439-89-6	Iron	6	6
KAFB-106S8-451	GWS8-451-204	1/15/2021	D	INITIAL	1	METHOD	410-18029-1	7439-96-5	Manganese	2.2	2.2
KAFB-106S8-451	GWS8-451-204	10/26/2020	T	INITIAL	1	SW3005	410-18029-1	7439-92-1	Lead	0.00023	0.00023
KAFB-106S8-451	GWS8-451-204	10/26/2020	T	INITIAL	1	SW3005	410-18029-1	7440-38-2	Arsenic	0.01	0.01
KAFB-106S8-451	GWS8-451-204	10/31/2020	N	INITIAL	200	METHOD	410-18029-1	106-93-4	1,2-Dibromoethane	28	28
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	100-41-4	Ethylbenzene	15	15
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	100-42-5	Styrene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	10061-01-5	Cis-1,3-dichloropropene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	10061-02-6	Trans-1,3-dichloropropene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	103-65-1	n-Propylbenzene	1.1	1.1
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	104-51-8	n-Butylbenzene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	106-43-4	4-Chlorotoluene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	106-46-7	1,4-Dichlorobenzene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	106-93-4	1,2-Dibromoethane	32	32
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	107-02-8	Acrolein	< 25	25
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	107-06-2	1,2-Dichloroethane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	107-13-1	Acrylonitrile	< 5	5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	108-05-4	Vinyl acetate	< 10	10
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	108-10-1	4-Methyl-2-pentanone	190	190
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	108-67-8	1,3,5-Trimethylbenzene	2.8	2.8
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	108-86-1	Bromobenzene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	108-88-3	Toluene	390	390
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	108-90-7	Chlorobenzene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	120-82-1	1,2,4-Trichlorobenzene	< 5	5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	124-48-1	Dibromochloromethane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	127-18-4	Tetrachloroethene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	1330-20-7	Xylenes, total	130	130
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	135-98-8	sec-Butylbenzene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	142-28-9	1,3-Dichloropropane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	156-59-2	Cis-1,2-Dichloroethene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	156-60-5	Trans-1,2-Dichloroethene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	1634-04-4	Methyl tert-butyl ether	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	179601-23-1	m- & p-Xylenes	75	75
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	541-73-1	1,3-Dichlorobenzene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	56-23-5	Carbon tetrachloride	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	563-58-6	1,1-Dichloropropene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	591-78-6	2-Hexanone	490	490
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	594-20-7	2,2-Dichloropropane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	630-20-6	1,1,1,2-Tetrachloroethane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	67-64-1	Acetone	670	670
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	67-66-3	Chloroform	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	71-43-2	Benzene	770	770
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	71-55-6	1,1,1-Trichloroethane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	74-83-9	Bromomethane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	74-87-3	Chloromethane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	74-95-3	Dibromomethane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	74-97-5	Bromochloromethane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	75-00-3	Chloroethane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	75-01-4	Vinyl chloride	< 2.5	2.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	75-09-2	Methylene chloride	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	75-15-0	Carbon disulfide	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	75-25-2	Bromoform	< 10	10
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	75-27-4	Bromodichloromethane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	75-34-3	1,1-Dichloroethane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	75-35-4	1,1-Dichloroethene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	75-69-4	Trichlorofluoromethane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	75-71-8	Dichlorodifluoromethane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	78-87-5	1,2-Dichloropropane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	78-93-3	2-Butanone	86	86
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	79-00-5	1,1,2-Trichloroethane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	79-01-6	Trichloroethene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	79-34-5	1,1,2,2-Tetrachloroethane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	87-61-6	1,2,3-Trichlorobenzene	< 5	5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	87-68-3	Hexachloro-1,3-butadiene	< 20	20
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	91-20-3	Naphthalene	17	17
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	95-47-6	o-Xylene	51	51
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	95-49-8	2-Chlorotoluene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	95-50-1	1,2-Dichlorobenzene	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	95-63-6	1,2,4-Trimethylbenzene	6	6
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	96-12-8	1,2-Dibromo-3-chloropropane	< 5	5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	96-18-4	1,2,3-Trichloropropane	< 2.5	2.5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	98-06-6	tert-Butylbenzene	< 5	5
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	98-82-8	Isopropylbenzene	200	200
KAFB-106S8-451	GWS8-451-204	11/3/2020	N	INITIAL	5	NONE	410-18029-1	99-87-6	4-Isopropyltoluene	30	30
KAFB-106152-484	GW152-484-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	14808-79-8	Sulfate	38	38
KAFB-106152-484	GW152-484-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	24959-67-9	Bromide	< 2.0	2
KAFB-106152-484	GW152-484-204	11/6/2020	N	INITIAL	20	NONE	410-18029-1	16887-00-6	Chloride	77	77
KAFB-106152-484	GW152-484-204	11/17/2020	N	INITIAL	1	NONE	410-18029-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106152-484	GW152-484-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK	Alkalinity, total (as CaCO3)	500	500
KAFB-106152-484	GW152-484-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	500	500
KAFB-106152-484	GW152-484-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106152-484	GW152-484-204	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106152-484	GW152-484-204	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106152-484	GW152-484-204	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7439-95-4	Magnesium	27	27
KAFB-106152-484	GW152-484-204	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7440-23-5	Sodium	44	44
KAFB-106152-484	GW152-484-204	10/27/2020	T	INITIAL	1	SW3005	410-18029-1	7440-70-2	Calcium	160	160
KAFB-106152-484	GW152-484-204	10/28/2020	T	INITIAL	1	SW3005	410-18029-1	7440-09-7	Potassium	5.0	5
KAFB-106152-484	GW152-484-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7439-92-1	Lead	0.00025	0.00025
KAFB-106152-484	GW152-484-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7440-38-2	Arsenic	0.0048	0.0048
KAFB-106152-484	GW152-484-204	10/29/2020	N	INITIAL	1	METHOD	410-18029-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	100-41-4	Ethylbenzene	18	18
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	103-65-1	n-Propylbenzene	4.2	4.2
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	107-02-8	Acrolein	< 5.0	5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-10-1	4-Methyl-2-pentanone	2.2	2.2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-88-3	Toluene	0.65	0.65
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	1330-20-7	Xylenes, total	6.5	6.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	135-98-8	sec-Butylbenzene	2.4	2.4
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	591-78-6	2-Hexanone	1.7	1.7
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	67-64-1	Acetone	7.0	7
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	71-43-2	Benzene	59	59
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-25-2	Bromoform	< 2.0	2
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	91-20-3	Naphthalene	6.9	6.9
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-47-6	o-Xylene	6.5	6.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-63-6	1,2,4-Trimethylbenzene	20	20
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	98-82-8	Isopropylbenzene	51	51
KAFB-106152-484	GW152-484-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	99-87-6	4-Isopropyltoluene	7.8	7.8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106024	GW024-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	14808-79-8	Sulfate	30	30
KAFB-106024	GW024-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	16887-00-6	Chloride	9.8	9.8
KAFB-106024	GW024-204	11/6/2020	N	INITIAL	5	NONE	410-18029-1	24959-67-9	Bromide	< 2.0	2
KAFB-106024	GW024-204	11/17/2020	N	INITIAL	1	NONE	410-18029-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106024	GW024-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK	Alkalinity, total (as CaCO3)	160	160
KAFB-106024	GW024-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	160	160
KAFB-106024	GW024-204	10/27/2020	N	INITIAL	1	NONE	410-18029-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106024	GW024-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7439-95-4	Magnesium	7.7	7.7
KAFB-106024	GW024-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7440-09-7	Potassium	2.8	2.8
KAFB-106024	GW024-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7440-70-2	Calcium	47	47
KAFB-106024	GW024-204	10/26/2020	T	INITIAL	1	SW3005	410-18029-1	7440-23-5	Sodium	24	24
KAFB-106024	GW024-204	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106024	GW024-204	10/27/2020	D	INITIAL	1	METHOD	410-18029-1	7439-96-5	Manganese	0.0077	0.0077
KAFB-106024	GW024-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106024	GW024-204	10/23/2020	T	INITIAL	1	SW3005	410-18029-1	7440-38-2	Arsenic	0.0013	0.0013
KAFB-106024	GW024-204	10/29/2020	N	INITIAL	1	METHOD	410-18029-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	107-02-8	Acrolein	< 5.0	5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	67-64-1	Acetone	< 2.0	2
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-83-9	Bromomethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-25-2	Bromoform	< 2.0	2
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106024	GW024-204	11/3/2020	N	INITIAL	1	NONE	410-18029-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/7/2020	N	INITIAL	5	NONE	410-18162-1	24959-67-9	Bromide	< 2.0	2
KAFB-106S9-447	GWS9-447-204	11/7/2020	N	INITIAL	50	NONE	410-18162-1	14808-79-8	Sulfate	370	370
KAFB-106S9-447	GWS9-447-204	11/7/2020	N	INITIAL	50	NONE	410-18162-1	16887-00-6	Chloride	79	79
KAFB-106S9-447	GWS9-447-204	11/17/2020	N	INITIAL	1	NONE	410-18162-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S9-447	GWS9-447-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK	Alkalinity, total (as CaCO3)	300	300
KAFB-106S9-447	GWS9-447-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	300	300
KAFB-106S9-447	GWS9-447-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S9-447	GWS9-447-204	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-89-6	Iron	4.2	4.2
KAFB-106S9-447	GWS9-447-204	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-96-5	Manganese	1.8	1.8
KAFB-106S9-447	GWS9-447-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7439-95-4	Magnesium	28	28
KAFB-106S9-447	GWS9-447-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-09-7	Potassium	4.5	4.5
KAFB-106S9-447	GWS9-447-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-23-5	Sodium	41	41
KAFB-106S9-447	GWS9-447-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-70-2	Calcium	190	190
KAFB-106S9-447	GWS9-447-204	10/26/2020	T	INITIAL	1	SW3005	410-18162-1	7439-92-1	Lead	0.00011	0.00011
KAFB-106S9-447	GWS9-447-204	10/26/2020	T	INITIAL	1	SW3005	410-18162-1	7440-38-2	Arsenic	0.0023	0.0023
KAFB-106S9-447	GWS9-447-204	11/2/2020	N	INITIAL	1	METHOD	410-18162-1	106-93-4	1,2-Dibromoethane	0.018	0.018
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	100-41-4	Ethylbenzene	52	52
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	103-65-1	n-Propylbenzene	14	14
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	107-02-8	Acrolein	< 5.0	5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	108-67-8	1,3,5-Trimethylbenzene	1.3	1.3
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	108-88-3	Toluene	1.9	1.9
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	1330-20-7	Xylenes, total	65	65
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	135-98-8	sec-Butylbenzene	3.6	3.6
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	179601-23-1	m- & p-Xylenes	2.1	2.1
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	67-64-1	Acetone	2.9	2.9
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	71-43-2	Benzene	36	36
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-25-2	Bromoform	< 2.0	2
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	91-20-3	Naphthalene	13	13
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	95-47-6	o-Xylene	63	63
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	95-63-6	1,2,4-Trimethylbenzene	45	45

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	98-82-8	Isopropylbenzene	11	11
KAFB-106S9-447	GWS9-447-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	99-87-6	4-Isopropyltoluene	12	12
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-69-4	Trichlorofluoromethane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-71-8	Dichlorodifluoromethane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	78-87-5	1,2-Dichloropropane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	78-93-3	2-Butanone	39	39
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	79-00-5	1,1,2-Trichloroethane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	79-01-6	Trichloroethene	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	79-34-5	1,1,2,2-Tetrachloroethane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	87-61-6	1,2,3-Trichlorobenzene	< 20	20
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	87-68-3	Hexachloro-1,3-butadiene	< 80	80
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	91-20-3	Naphthalene	29	29
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	95-47-6	o-Xylene	230	230
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	95-49-8	2-Chlorotoluene	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	95-50-1	1,2-Dichlorobenzene	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	95-63-6	1,2,4-Trimethylbenzene	63	63
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	96-12-8	1,2-Dibromo-3-chloropropane	< 20	20
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	96-18-4	1,2,3-Trichloropropane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	98-06-6	tert-Butylbenzene	< 20	20
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	98-82-8	Isopropylbenzene	80	80
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	99-87-6	4-Isopropyltoluene	17	17
KAFB-106008	GW008-204	11/4/2020	N	REANALYSIS	200	NONE	410-18162-1	71-43-2	Benzene	11000	11000
KAFB-106008	GW008-604	11/7/2020	N	INITIAL	5	NONE	410-18162-1	14808-79-8	Sulfate	1.9	1.9
KAFB-106008	GW008-604	11/7/2020	N	INITIAL	5	NONE	410-18162-1	24959-67-9	Bromide	1.7	1.7
KAFB-106008	GW008-604	11/17/2020	N	INITIAL	25	NONE	410-18162-1	16887-00-6	Chloride	89	89
KAFB-106008	GW008-604	11/17/2020	N	INITIAL	1	NONE	410-18162-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106008	GW008-604	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK	Alkalinity, total (as CaCO3)	390	390
KAFB-106008	GW008-604	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	390	390
KAFB-106008	GW008-604	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106008	GW008-604	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-89-6	Iron	8.2	8.2
KAFB-106008	GW008-604	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-96-5	Manganese	7.2	7.2
KAFB-106008	GW008-604	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7439-95-4	Magnesium	24	24
KAFB-106008	GW008-204	11/7/2020	N	INITIAL	5	NONE	410-18162-1	14808-79-8	Sulfate	1.6	1.6
KAFB-106008	GW008-204	11/7/2020	N	INITIAL	5	NONE	410-18162-1	24959-67-9	Bromide	2.1	2.1
KAFB-106008	GW008-204	11/7/2020	N	INITIAL	20	NONE	410-18162-1	16887-00-6	Chloride	91	91
KAFB-106008	GW008-204	11/17/2020	N	INITIAL	1	NONE	410-18162-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106008	GW008-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK	Alkalinity, total (as CaCO3)	400	400
KAFB-106008	GW008-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	400	400
KAFB-106008	GW008-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106008	GW008-204	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-89-6	Iron	8.3	8.3
KAFB-106008	GW008-204	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-96-5	Manganese	7.3	7.3
KAFB-106008	GW008-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7439-95-4	Magnesium	24	24
KAFB-106008	GW008-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-09-7	Potassium	3.6	3.6
KAFB-106008	GW008-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-23-5	Sodium	39	39
KAFB-106008	GW008-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-70-2	Calcium	150	150
KAFB-106008	GW008-204	10/26/2020	T	INITIAL	1	SW3005	410-18162-1	7439-92-1	Lead	0.00048	0.00048
KAFB-106008	GW008-204	10/26/2020	T	INITIAL	1	SW3005	410-18162-1	7440-38-2	Arsenic	0.0013	0.0013
KAFB-106008	GW008-204	10/31/2020	N	INITIAL	100	METHOD	410-18162-1	106-93-4	1,2-Dibromoethane	8.0	8
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	100-41-4	Ethylbenzene	310	310
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	100-42-5	Styrene	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	10061-01-5	Cis-1,3-dichloropropene	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	10061-02-6	Trans-1,3-dichloropropene	< 10	10

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	103-65-1	n-Propylbenzene	18	18
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	104-51-8	n-Butylbenzene	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	106-43-4	4-Chlorotoluene	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	106-46-7	1,4-Dichlorobenzene	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	106-93-4	1,2-Dibromoethane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	107-02-8	Acrolein	< 100	100
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	107-06-2	1,2-Dichloroethane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	107-13-1	Acrylonitrile	< 20	20
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	108-05-4	Vinyl acetate	< 40	40
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	108-10-1	4-Methyl-2-pentanone	230	230
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	108-67-8	1,3,5-Trimethylbenzene	19	19
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	108-86-1	Bromobenzene	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	108-88-3	Toluene	5500	5500
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	108-90-7	Chlorobenzene	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	120-82-1	1,2,4-Trichlorobenzene	< 20	20
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	124-48-1	Dibromochloromethane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	127-18-4	Tetrachloroethene	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	1330-20-7	Xylenes, total	870	870
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	135-98-8	sec-Butylbenzene	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	142-28-9	1,3-Dichloropropane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	156-59-2	Cis-1,2-Dichloroethene	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	156-60-5	Trans-1,2-Dichloroethene	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	1634-04-4	Methyl tert-butyl ether	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	179601-23-1	m- & p-Xylenes	640	640
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	541-73-1	1,3-Dichlorobenzene	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	56-23-5	Carbon tetrachloride	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	563-58-6	1,1-Dichloropropene	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	591-78-6	2-Hexanone	380	380
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	594-20-7	2,2-Dichloropropane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	630-20-6	1,1,1,2-Tetrachloroethane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	67-64-1	Acetone	110	110
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	67-66-3	Chloroform	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	71-55-6	1,1,1-Trichloroethane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	74-83-9	Bromomethane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	74-87-3	Chloromethane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	74-95-3	Dibromomethane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	74-97-5	Bromochloromethane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-00-3	Chloroethane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-01-4	Vinyl chloride	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-09-2	Methylene chloride	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-15-0	Carbon disulfide	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-25-2	Bromoform	< 40	40
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-27-4	Bromodichloromethane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-34-3	1,1-Dichloroethane	< 10	10
KAFB-106008	GW008-204	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-35-4	1,1-Dichloroethene	< 10	10
KAFB-106008	GW008-604	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-09-7	Potassium	3.5	3.5
KAFB-106008	GW008-604	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-23-5	Sodium	38	38
KAFB-106008	GW008-604	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-70-2	Calcium	140	140
KAFB-106008	GW008-604	10/26/2020	T	INITIAL	1	SW3005	410-18162-1	7439-92-1	Lead	0.00049	0.00049
KAFB-106008	GW008-604	10/26/2020	T	INITIAL	1	SW3005	410-18162-1	7440-38-2	Arsenic	0.0013	0.0013
KAFB-106008	GW008-604	10/31/2020	N	INITIAL	100	METHOD	410-18162-1	106-93-4	1,2-Dibromoethane	8.3	8.3
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	100-41-4	Ethylbenzene	310	310
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	100-42-5	Styrene	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	10061-01-5	Cis-1,3-dichloropropene	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	10061-02-6	Trans-1,3-dichloropropene	< 10	10

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	103-65-1	n-Propylbenzene	18	18
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	104-51-8	n-Butylbenzene	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	106-43-4	4-Chlorotoluene	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	106-46-7	1,4-Dichlorobenzene	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	106-93-4	1,2-Dibromoethane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	107-02-8	Acrolein	< 100	100
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	107-06-2	1,2-Dichloroethane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	107-13-1	Acrylonitrile	< 20	20
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	108-05-4	Vinyl acetate	< 40	40
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	108-10-1	4-Methyl-2-pentanone	270	270
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	108-67-8	1,3,5-Trimethylbenzene	18	18
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	108-86-1	Bromobenzene	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	108-88-3	Toluene	5700	5700
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	108-90-7	Chlorobenzene	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	120-82-1	1,2,4-Trichlorobenzene	< 20	20
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	124-48-1	Dibromochloromethane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	127-18-4	Tetrachloroethene	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	1330-20-7	Xylenes, total	880	880
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	135-98-8	sec-Butylbenzene	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	142-28-9	1,3-Dichloropropane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	156-59-2	Cis-1,2-Dichloroethene	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	156-60-5	Trans-1,2-Dichloroethene	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	1634-04-4	Methyl tert-butyl ether	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	179601-23-1	m- & p-Xylenes	660	660
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	541-73-1	1,3-Dichlorobenzene	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	56-23-5	Carbon tetrachloride	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	563-58-6	1,1-Dichloropropene	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	591-78-6	2-Hexanone	390	390
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	594-20-7	2,2-Dichloropropane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	630-20-6	1,1,1,2-Tetrachloroethane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	67-64-1	Acetone	96	96
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	67-66-3	Chloroform	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	71-55-6	1,1,1-Trichloroethane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	74-83-9	Bromomethane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	74-87-3	Chloromethane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	74-95-3	Dibromomethane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	74-97-5	Bromochloromethane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-00-3	Chloroethane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-01-4	Vinyl chloride	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-09-2	Methylene chloride	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-15-0	Carbon disulfide	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-25-2	Bromoform	< 40	40
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-27-4	Bromodichloromethane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-34-3	1,1-Dichloroethane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-35-4	1,1-Dichloroethene	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-69-4	Trichlorofluoromethane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	75-71-8	Dichlorodifluoromethane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	78-87-5	1,2-Dichloropropane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	78-93-3	2-Butanone	35	35
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	79-00-5	1,1,2-Trichloroethane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	79-01-6	Trichloroethene	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	79-34-5	1,1,2,2-Tetrachloroethane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	87-61-6	1,2,3-Trichlorobenzene	< 20	20
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	87-68-3	Hexachloro-1,3-butadiene	< 80	80
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	91-20-3	Naphthalene	30	30

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	95-47-6	o-Xylene	220	220
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	95-49-8	2-Chlorotoluene	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	95-50-1	1,2-Dichlorobenzene	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	95-63-6	1,2,4-Trimethylbenzene	61	61
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	96-12-8	1,2-Dibromo-3-chloropropane	< 20	20
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	96-18-4	1,2,3-Trichloropropane	< 10	10
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	98-06-6	tert-Butylbenzene	< 20	20
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	98-82-8	Isopropylbenzene	83	83
KAFB-106008	GW008-604	11/4/2020	N	INITIAL	20	NONE	410-18162-1	99-87-6	4-Isopropyltoluene	18	18
KAFB-106008	GW008-604	11/4/2020	N	REANALYSIS	200	NONE	410-18162-1	71-43-2	Benzene	11000	11000
KAFB-106S4-446	GWS4-446-204	11/16/2020	N	INITIAL	5	NONE	410-18162-1	24959-67-9	Bromide	2.2	2.2
KAFB-106S4-446	GWS4-446-204	11/16/2020	N	INITIAL	500	NONE	410-18162-1	14808-79-8	Sulfate	340	340
KAFB-106S4-446	GWS4-446-204	11/16/2020	N	INITIAL	500	NONE	410-18162-1	16887-00-6	Chloride	290	290
KAFB-106S4-446	GWS4-446-204	11/17/2020	N	INITIAL	5	NONE	410-18162-1	NNN	Nitrogen as nitrate + nitrite	6.5	6.5
KAFB-106S4-446	GWS4-446-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK	Alkalinity, total (as CaCO3)	98	98
KAFB-106S4-446	GWS4-446-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	98	98
KAFB-106S4-446	GWS4-446-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S4-446	GWS4-446-204	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106S4-446	GWS4-446-204	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106S4-446	GWS4-446-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7439-95-4	Magnesium	29	29
KAFB-106S4-446	GWS4-446-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-09-7	Potassium	5.0	5
KAFB-106S4-446	GWS4-446-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-23-5	Sodium	65	65
KAFB-106S4-446	GWS4-446-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-70-2	Calcium	190	190
KAFB-106S4-446	GWS4-446-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106S4-446	GWS4-446-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-38-2	Arsenic	0.00078	0.00078
KAFB-106S4-446	GWS4-446-204	11/2/2020	N	INITIAL	1	METHOD	410-18162-1	106-93-4	1,2-Dibromoethane	0.021	0.021
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	107-02-8	Acrolein	< 5.0	5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	56-23-5	Carbon tetrachloride	1.9	1.9
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	67-64-1	Acetone	< 2.0	2
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	67-66-3	Chloroform	1.0	1
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-25-2	Bromoform	< 2.0	2
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-27-4	Bromodichloromethane	< 1.0	1
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-204	11/4/2020	N	INITIAL	1	NONE	410-18162-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106S3-449	GWS3-449-204	11/7/2020	N	INITIAL	5	NONE	410-18162-1	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106S3-449	GWS3-449-204	11/7/2020	N	INITIAL	5	NONE	410-18162-1	24959-67-9	Bromide	1.7	1.7
KAFB-106S3-449	GWS3-449-204	11/16/2020	N	INITIAL	25	NONE	410-18162-1	16887-00-6	Chloride	110	110
KAFB-106S3-449	GWS3-449-204	11/17/2020	N	INITIAL	1	NONE	410-18162-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S3-449	GWS3-449-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK	Alkalinity, total (as CaCO3)	310	310
KAFB-106S3-449	GWS3-449-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	310	310
KAFB-106S3-449	GWS3-449-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S3-449	GWS3-449-204	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-89-6	Iron	2.1	2.1
KAFB-106S3-449	GWS3-449-204	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-96-5	Manganese	3.1	3.1
KAFB-106S3-449	GWS3-449-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7439-95-4	Magnesium	15	15
KAFB-106S3-449	GWS3-449-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-09-7	Potassium	3.1	3.1
KAFB-106S3-449	GWS3-449-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-23-5	Sodium	36	36
KAFB-106S3-449	GWS3-449-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-70-2	Calcium	92	92
KAFB-106S3-449	GWS3-449-204	10/26/2020	T	INITIAL	1	SW3005	410-18162-1	7439-92-1	Lead	0.00017	0.00017
KAFB-106S3-449	GWS3-449-204	10/26/2020	T	INITIAL	1	SW3005	410-18162-1	7440-38-2	Arsenic	0.0048	0.0048

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	20	METHOD	410-18162-1	106-93-4	1,2-Dibromoethane	1.6	1.6
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	100-41-4	Ethylbenzene	12	12
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	100-42-5	Styrene	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	10061-01-5	Cis-1,3-dichloropropene	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	10061-02-6	Trans-1,3-dichloropropene	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	103-65-1	n-Propylbenzene	3.5	3.5
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	104-51-8	n-Butylbenzene	0.49	0.49
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	106-43-4	4-Chlorotoluene	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	106-46-7	1,4-Dichlorobenzene	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	106-93-4	1,2-Dibromoethane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	107-02-8	Acrolein	< 10	10
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	107-06-2	1,2-Dichloroethane	4.1	4.1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	107-13-1	Acrylonitrile	< 2.0	2
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	108-05-4	Vinyl acetate	< 4.0	4
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	108-10-1	4-Methyl-2-pentanone	< 2.0	2
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	108-67-8	1,3,5-Trimethylbenzene	40	40
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	108-86-1	Bromobenzene	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	108-88-3	Toluene	5.1	5.1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	108-90-7	Chlorobenzene	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	120-82-1	1,2,4-Trichlorobenzene	< 2.0	2
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	124-48-1	Dibromochloromethane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	127-18-4	Tetrachloroethene	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	135-98-8	sec-Butylbenzene	5.4	5.4
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	142-28-9	1,3-Dichloropropane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	156-59-2	Cis-1,2-Dichloroethene	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	156-60-5	Trans-1,2-Dichloroethene	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	1634-04-4	Methyl tert-butyl ether	0.80	0.8
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	179601-23-1	m- & p-Xylenes	25	25
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	541-73-1	1,3-Dichlorobenzene	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	56-23-5	Carbon tetrachloride	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	563-58-6	1,1-Dichloropropene	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	591-78-6	2-Hexanone	< 2.0	2
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	594-20-7	2,2-Dichloropropane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	630-20-6	1,1,1,2-Tetrachloroethane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	67-64-1	Acetone	45	45
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	67-66-3	Chloroform	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	71-43-2	Benzene	540	540
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	71-55-6	1,1,1-Trichloroethane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	74-83-9	Bromomethane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	74-87-3	Chloromethane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	74-95-3	Dibromomethane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	74-97-5	Bromochloromethane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	75-00-3	Chloroethane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	75-01-4	Vinyl chloride	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	75-09-2	Methylene chloride	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	75-15-0	Carbon disulfide	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	75-25-2	Bromoform	< 4.0	4
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	75-27-4	Bromodichloromethane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	75-34-3	1,1-Dichloroethane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	75-35-4	1,1-Dichloroethene	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	75-69-4	Trichlorofluoromethane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	75-71-8	Dichlorodifluoromethane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	78-87-5	1,2-Dichloropropane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	78-93-3	2-Butanone	7.0	7
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	79-00-5	1,1,2-Trichloroethane	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	79-01-6	Trichloroethene	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	79-34-5	1,1,2,2-Tetrachloroethane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	87-61-6	1,2,3-Trichlorobenzene	< 2.0	2
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	87-68-3	Hexachloro-1,3-butadiene	< 8.0	8
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	91-20-3	Naphthalene	36	36
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	95-49-8	2-Chlorotoluene	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	95-50-1	1,2-Dichlorobenzene	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	95-63-6	1,2,4-Trimethylbenzene	35	35
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	96-12-8	1,2-Dibromo-3-chloropropane	< 2.0	2
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	96-18-4	1,2,3-Trichloropropane	< 1.0	1
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	98-06-6	tert-Butylbenzene	< 2.0	2
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	98-82-8	Isopropylbenzene	72	72
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	INITIAL	2	NONE	410-18162-1	99-87-6	4-Isopropyltoluene	110	110
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	REANALYSIS	20	NONE	410-18162-1	1330-20-7	Xylenes, total	730	730
KAFB-106S3-449	GWS3-449-204	11/4/2020	N	REANALYSIS	20	NONE	410-18162-1	95-47-6	o-Xylene	700	700
KAFB-106S2-451	GWS2-451-204	11/7/2020	N	INITIAL	5	NONE	410-18162-1	14808-79-8	Sulfate	1.8	1.8
KAFB-106S2-451	GWS2-451-204	11/7/2020	N	INITIAL	5	NONE	410-18162-1	24959-67-9	Bromide	1.7	1.7
KAFB-106S2-451	GWS2-451-204	11/7/2020	N	INITIAL	20	NONE	410-18162-1	16887-00-6	Chloride	89	89
KAFB-106S2-451	GWS2-451-204	11/17/2020	N	INITIAL	1	NONE	410-18162-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S2-451	GWS2-451-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK	Alkalinity, total (as CaCO3)	280	280
KAFB-106S2-451	GWS2-451-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	280	280
KAFB-106S2-451	GWS2-451-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S2-451	GWS2-451-204	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-89-6	Iron	4.4	4.4
KAFB-106S2-451	GWS2-451-204	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-96-5	Manganese	5.8	5.8
KAFB-106S2-451	GWS2-451-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7439-95-4	Magnesium	20	20
KAFB-106S2-451	GWS2-451-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-09-7	Potassium	4.0	4
KAFB-106S2-451	GWS2-451-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-23-5	Sodium	38	38
KAFB-106S2-451	GWS2-451-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-70-2	Calcium	110	110
KAFB-106S2-451	GWS2-451-204	10/26/2020	T	INITIAL	1	SW3005	410-18162-1	7439-92-1	Lead	0.00090	0.0009
KAFB-106S2-451	GWS2-451-204	10/26/2020	T	INITIAL	1	SW3005	410-18162-1	7440-38-2	Arsenic	0.0033	0.0033
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	200	METHOD	410-18162-1	106-93-4	1,2-Dibromoethane	37	37
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	100-41-4	Ethylbenzene	18	18
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	100-42-5	Styrene	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	10061-01-5	Cis-1,3-dichloropropene	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	10061-02-6	Trans-1,3-dichloropropene	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	103-65-1	n-Propylbenzene	3.0	3
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	104-51-8	n-Butylbenzene	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	106-43-4	4-Chlorotoluene	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	106-46-7	1,4-Dichlorobenzene	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	106-93-4	1,2-Dibromoethane	44	44
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	107-02-8	Acrolein	< 25	25
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	107-06-2	1,2-Dichloroethane	6.2	6.2
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	107-13-1	Acrylonitrile	< 5.0	5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	108-05-4	Vinyl acetate	< 10	10
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	108-10-1	4-Methyl-2-pentanone	430	430
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	108-67-8	1,3,5-Trimethylbenzene	20	20
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	108-86-1	Bromobenzene	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	108-88-3	Toluene	54	54
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	108-90-7	Chlorobenzene	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	120-82-1	1,2,4-Trichlorobenzene	< 5.0	5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	124-48-1	Dibromochloromethane	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	127-18-4	Tetrachloroethene	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	1330-20-7	Xylenes, total	550	550
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	135-98-8	sec-Butylbenzene	12	12
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	142-28-9	1,3-Dichloropropane	< 2.5	2.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	156-59-2	Cis-1,2-Dichloroethene	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	156-60-5	Trans-1,2-Dichloroethene	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	1634-04-4	Methyl tert-butyl ether	1.3	1.3
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	179601-23-1	m- & p-Xylenes	120	120
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	541-73-1	1,3-Dichlorobenzene	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	56-23-5	Carbon tetrachloride	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	563-58-6	1,1-Dichloropropene	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	591-78-6	2-Hexanone	710	710
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	594-20-7	2,2-Dichloropropane	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	630-20-6	1,1,1,2-Tetrachloroethane	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	67-64-1	Acetone	400	400
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	67-66-3	Chloroform	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	71-43-2	Benzene	730	730
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	71-55-6	1,1,1-Trichloroethane	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	74-83-9	Bromomethane	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	74-87-3	Chloromethane	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	74-95-3	Dibromomethane	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	74-97-5	Bromochloromethane	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-00-3	Chloroethane	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-01-4	Vinyl chloride	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-09-2	Methylene chloride	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-15-0	Carbon disulfide	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-25-2	Bromoform	< 10	10
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-27-4	Bromodichloromethane	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-34-3	1,1-Dichloroethane	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-35-4	1,1-Dichloroethene	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-69-4	Trichlorofluoromethane	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-71-8	Dichlorodifluoromethane	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	78-87-5	1,2-Dichloropropane	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	78-93-3	2-Butanone	150	150
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	79-00-5	1,1,2-Trichloroethane	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	79-01-6	Trichloroethene	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	79-34-5	1,1,2,2-Tetrachloroethane	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	87-61-6	1,2,3-Trichlorobenzene	< 5.0	5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	87-68-3	Hexachloro-1,3-butadiene	< 20	20
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	91-20-3	Naphthalene	66	66
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	95-47-6	o-Xylene	430	430
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	95-49-8	2-Chlorotoluene	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	95-50-1	1,2-Dichlorobenzene	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	95-63-6	1,2,4-Trimethylbenzene	34	34
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	96-12-8	1,2-Dibromo-3-chloropropane	< 5.0	5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	96-18-4	1,2,3-Trichloropropane	< 2.5	2.5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	98-06-6	tert-Butylbenzene	< 5.0	5
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	98-82-8	Isopropylbenzene	100	100
KAFB-106S2-451	GWS2-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	99-87-6	4-Isopropyltoluene	210	210
KAFB-106S7-451	GWS7-451-204	11/7/2020	N	INITIAL	10	NONE	410-18162-1	16887-00-6	Chloride	39	39
KAFB-106S7-451	GWS7-451-204	11/7/2020	N	INITIAL	5	NONE	410-18162-1	14808-79-8	Sulfate	3.7	3.7
KAFB-106S7-451	GWS7-451-204	11/7/2020	N	INITIAL	5	NONE	410-18162-1	24959-67-9	Bromide	1.3	1.3
KAFB-106S7-451	GWS7-451-204	11/17/2020	N	INITIAL	1	NONE	410-18162-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S7-451	GWS7-451-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK	Alkalinity, total (as CaCO3)	330	330
KAFB-106S7-451	GWS7-451-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	330	330
KAFB-106S7-451	GWS7-451-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S7-451	GWS7-451-204	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-89-6	Iron	0.15	0.15
KAFB-106S7-451	GWS7-451-204	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-96-5	Manganese	2.9	2.9
KAFB-106S7-451	GWS7-451-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7439-95-4	Magnesium	17	17

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S7-451	GWS7-451-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-09-7	Potassium	3.2	3.2
KAFB-106S7-451	GWS7-451-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-23-5	Sodium	38	38
KAFB-106S7-451	GWS7-451-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-70-2	Calcium	100	100
KAFB-106S7-451	GWS7-451-204	10/26/2020	T	INITIAL	1	SW3005	410-18162-1	7439-92-1	Lead	0.00027	0.00027
KAFB-106S7-451	GWS7-451-204	10/26/2020	T	INITIAL	1	SW3005	410-18162-1	7440-38-2	Arsenic	0.0061	0.0061
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	200	METHOD	410-18162-1	106-93-4	1,2-Dibromoethane	23	23
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	100-41-4	Ethylbenzene	700	700
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	100-42-5	Styrene	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	10061-01-5	Cis-1,3-dichloropropene	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	10061-02-6	Trans-1,3-dichloropropene	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	103-65-1	n-Propylbenzene	60	60
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	104-51-8	n-Butylbenzene	6.2	6.2
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	106-43-4	4-Chlorotoluene	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	106-46-7	1,4-Dichlorobenzene	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	106-93-4	1,2-Dibromoethane	23	23
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	107-02-8	Acrolein	< 25	25
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	107-06-2	1,2-Dichloroethane	3.4	3.4
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	107-13-1	Acrylonitrile	< 5.0	5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	108-05-4	Vinyl acetate	< 10	10
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	108-10-1	4-Methyl-2-pentanone	5.6	5.6
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	108-67-8	1,3,5-Trimethylbenzene	75	75
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	108-86-1	Bromobenzene	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	108-90-7	Chlorobenzene	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	120-82-1	1,2,4-Trichlorobenzene	< 5.0	5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	124-48-1	Dibromochloromethane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	127-18-4	Tetrachloroethene	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	1330-20-7	Xylenes, total	2100	2100
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	135-98-8	sec-Butylbenzene	9.2	9.2
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	142-28-9	1,3-Dichloropropane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	156-59-2	Cis-1,2-Dichloroethene	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	156-60-5	Trans-1,2-Dichloroethene	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	1634-04-4	Methyl tert-butyl ether	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	179601-23-1	m- & p-Xylenes	1400	1400
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	541-73-1	1,3-Dichlorobenzene	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	56-23-5	Carbon tetrachloride	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	563-58-6	1,1-Dichloropropene	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	591-78-6	2-Hexanone	< 5.0	5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	594-20-7	2,2-Dichloropropane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	630-20-6	1,1,1,2-Tetrachloroethane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	67-64-1	Acetone	59	59
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	67-66-3	Chloroform	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	71-43-2	Benzene	310	310
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	71-55-6	1,1,1-Trichloroethane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	74-83-9	Bromomethane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	74-87-3	Chloromethane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	74-95-3	Dibromomethane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	74-97-5	Bromochloromethane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-00-3	Chloroethane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-01-4	Vinyl chloride	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-09-2	Methylene chloride	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-15-0	Carbon disulfide	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-25-2	Bromoform	< 10	10
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-27-4	Bromodichloromethane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-34-3	1,1-Dichloroethane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-35-4	1,1-Dichloroethene	< 2.5	2.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-69-4	Trichlorofluoromethane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	75-71-8	Dichlorodifluoromethane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	78-87-5	1,2-Dichloropropane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	78-93-3	2-Butanone	11	11
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	79-00-5	1,1,2-Trichloroethane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	79-01-6	Trichloroethene	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	79-34-5	1,1,2,2-Tetrachloroethane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	87-61-6	1,2,3-Trichlorobenzene	< 5.0	5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	87-68-3	Hexachloro-1,3-butadiene	< 20	20
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	91-20-3	Naphthalene	88	88
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	95-47-6	o-Xylene	720	720
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	95-49-8	2-Chlorotoluene	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	95-50-1	1,2-Dichlorobenzene	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	95-63-6	1,2,4-Trimethylbenzene	200	200
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	96-12-8	1,2-Dibromo-3-chloropropane	< 5.0	5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	96-18-4	1,2,3-Trichloropropane	< 2.5	2.5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	98-06-6	tert-Butylbenzene	< 5.0	5
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	98-82-8	Isopropylbenzene	130	130
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	INITIAL	5	NONE	410-18162-1	99-87-6	4-Isopropyltoluene	44	44
KAFB-106S7-451	GWS7-451-204	11/4/2020	N	REANALYSIS	50	NONE	410-18162-1	108-88-3	Toluene	1600	1600
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	74-87-3	Chloromethane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	74-95-3	Dibromomethane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	74-97-5	Bromochloromethane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-00-3	Chloroethane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-01-4	Vinyl chloride	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-09-2	Methylene chloride	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-15-0	Carbon disulfide	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-25-2	Bromoform	< 10	10
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-27-4	Bromodichloromethane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-34-3	1,1-Dichloroethane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-35-4	1,1-Dichloroethene	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-69-4	Trichlorofluoromethane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-71-8	Dichlorodifluoromethane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	78-87-5	1,2-Dichloropropane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	78-93-3	2-Butanone	1.6	1.6
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	79-00-5	1,1,2-Trichloroethane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	79-01-6	Trichloroethene	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	79-34-5	1,1,2,2-Tetrachloroethane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	87-61-6	1,2,3-Trichlorobenzene	< 5.0	5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	87-68-3	Hexachloro-1,3-butadiene	< 20	20
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	91-20-3	Naphthalene	25	25
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	95-47-6	o-Xylene	320	320
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	95-49-8	2-Chlorotoluene	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	95-50-1	1,2-Dichlorobenzene	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	95-63-6	1,2,4-Trimethylbenzene	44	44
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	96-12-8	1,2-Dibromo-3-chloropropane	< 5.0	5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	96-18-4	1,2,3-Trichloropropane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	98-06-6	tert-Butylbenzene	< 5.0	5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	98-82-8	Isopropylbenzene	31	31
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	99-87-6	4-Isopropyltoluene	15	15
KAFB-106010	GW010-604	11/4/2020	N	REANALYSIS	50	NONE	410-18275-1	108-88-3	Toluene	3400	3400
KAFB-106010	GW010-204	11/14/2020	N	INITIAL	5	NONE	410-18275-1	14808-79-8	Sulfate	3.1	3.1
KAFB-106010	GW010-204	11/14/2020	N	INITIAL	5	NONE	410-18275-1	16887-00-6	Chloride	23	23
KAFB-106010	GW010-204	11/14/2020	N	INITIAL	5	NONE	410-18275-1	24959-67-9	Bromide	< 2.0	2
KAFB-106010	GW010-204	11/18/2020	N	INITIAL	1	NONE	410-18275-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106010	GW010-204	10/27/2020	N	INITIAL	1	NONE	410-18275-1	ALK	Alkalinity, total (as CaCO3)	220	220
KAFB-106010	GW010-204	10/27/2020	N	INITIAL	1	NONE	410-18275-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	220	220
KAFB-106010	GW010-204	10/27/2020	N	INITIAL	1	NONE	410-18275-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106010	GW010-204	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7439-95-4	Magnesium	9.4	9.4
KAFB-106010	GW010-204	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7440-09-7	Potassium	2.7	2.7
KAFB-106010	GW010-204	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7440-23-5	Sodium	29	29
KAFB-106010	GW010-204	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7440-70-2	Calcium	65	65
KAFB-106010	GW010-204	10/31/2020	D	INITIAL	1	METHOD	410-18275-1	7439-89-6	Iron	0.86	0.86
KAFB-106010	GW010-204	11/2/2020	D	INITIAL	1	METHOD	410-18275-1	7439-96-5	Manganese	1.8	1.8
KAFB-106010	GW010-204	11/2/2020	T	INITIAL	1	SW3005	410-18275-1	7439-92-1	Lead	0.000091	0.000091
KAFB-106010	GW010-204	11/2/2020	T	INITIAL	1	SW3005	410-18275-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106010	GW010-204	11/3/2020	N	INITIAL	50	METHOD	410-18275-1	106-93-4	1,2-Dibromoethane	8.2	8.2
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	100-41-4	Ethylbenzene	510	510
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	100-42-5	Styrene	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	10061-01-5	Cis-1,3-dichloropropene	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	10061-02-6	Trans-1,3-dichloropropene	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	103-65-1	n-Propylbenzene	20	20
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	104-51-8	n-Butylbenzene	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	106-43-4	4-Chlorotoluene	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	106-46-7	1,4-Dichlorobenzene	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	106-93-4	1,2-Dibromoethane	8.1	8.1
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	107-02-8	Acrolein	< 50	50
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	107-06-2	1,2-Dichloroethane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	107-13-1	Acrylonitrile	< 10	10
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	108-05-4	Vinyl acetate	< 20	20
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	108-10-1	4-Methyl-2-pentanone	< 10	10
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	108-67-8	1,3,5-Trimethylbenzene	16	16
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	108-86-1	Bromobenzene	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	108-90-7	Chlorobenzene	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	120-82-1	1,2,4-Trichlorobenzene	< 10	10
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	124-48-1	Dibromochloromethane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	127-18-4	Tetrachloroethene	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	1330-20-7	Xylenes, total	930	930
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	135-98-8	sec-Butylbenzene	25	25
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	142-28-9	1,3-Dichloropropane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	156-59-2	Cis-1,2-Dichloroethene	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	156-60-5	Trans-1,2-Dichloroethene	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	1634-04-4	Methyl tert-butyl ether	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	179601-23-1	m- & p-Xylenes	610	610
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	541-73-1	1,3-Dichlorobenzene	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	56-23-5	Carbon tetrachloride	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	563-58-6	1,1-Dichloropropene	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	591-78-6	2-Hexanone	< 10	10
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	594-20-7	2,2-Dichloropropane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	67-64-1	Acetone	14	14
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	67-66-3	Chloroform	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	71-43-2	Benzene	1400	1400
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	71-55-6	1,1,1-Trichloroethane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	74-83-9	Bromomethane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	74-87-3	Chloromethane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	74-95-3	Dibromomethane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	74-97-5	Bromochloromethane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	75-00-3	Chloroethane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	75-01-4	Vinyl chloride	< 5.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	75-09-2	Methylene chloride	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	75-15-0	Carbon disulfide	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	75-25-2	Bromoform	< 20	20
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	75-27-4	Bromodichloromethane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	75-34-3	1,1-Dichloroethane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	75-35-4	1,1-Dichloroethene	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	75-69-4	Trichlorofluoromethane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	75-71-8	Dichlorodifluoromethane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	78-87-5	1,2-Dichloropropane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	78-93-3	2-Butanone	< 10	10
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	79-00-5	1,1,2-Trichloroethane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	79-01-6	Trichloroethene	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	87-61-6	1,2,3-Trichlorobenzene	< 10	10
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	87-68-3	Hexachloro-1,3-butadiene	< 40	40
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	91-20-3	Naphthalene	24	24
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	95-47-6	o-Xylene	320	320
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	95-49-8	2-Chlorotoluene	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	95-50-1	1,2-Dichlorobenzene	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	95-63-6	1,2,4-Trimethylbenzene	43	43
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	96-12-8	1,2-Dibromo-3-chloropropane	< 10	10
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	96-18-4	1,2,3-Trichloropropane	< 5.0	5
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	98-06-6	tert-Butylbenzene	< 10	10
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	98-82-8	Isopropylbenzene	30	30
KAFB-106010	GW010-204	11/4/2020	N	INITIAL	10	NONE	410-18275-1	99-87-6	4-Isopropyltoluene	27	27
KAFB-106010	GW010-204	11/4/2020	N	REANALYSIS	100	NONE	410-18275-1	108-88-3	Toluene	3500	3500
KAFB-106010	GW010-604	11/14/2020	N	INITIAL	5	NONE	410-18275-1	14808-79-8	Sulfate	3.1	3.1
KAFB-106010	GW010-604	11/14/2020	N	INITIAL	5	NONE	410-18275-1	16887-00-6	Chloride	23	23
KAFB-106010	GW010-604	11/14/2020	N	INITIAL	5	NONE	410-18275-1	24959-67-9	Bromide	< 2.0	2
KAFB-106010	GW010-604	11/18/2020	N	INITIAL	1	NONE	410-18275-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106010	GW010-604	10/27/2020	N	INITIAL	1	NONE	410-18275-1	ALK	Alkalinity, total (as CaCO3)	220	220
KAFB-106010	GW010-604	10/27/2020	N	INITIAL	1	NONE	410-18275-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	220	220
KAFB-106010	GW010-604	10/27/2020	N	INITIAL	1	NONE	410-18275-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106010	GW010-604	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7439-95-4	Magnesium	9.5	9.5
KAFB-106010	GW010-604	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7440-09-7	Potassium	2.7	2.7
KAFB-106010	GW010-604	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7440-23-5	Sodium	29	29
KAFB-106010	GW010-604	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7440-70-2	Calcium	66	66
KAFB-106010	GW010-604	10/31/2020	D	INITIAL	1	METHOD	410-18275-1	7439-89-6	Iron	0.85	0.85
KAFB-106010	GW010-604	11/2/2020	D	INITIAL	1	METHOD	410-18275-1	7439-96-5	Manganese	1.7	1.7
KAFB-106010	GW010-604	11/2/2020	T	INITIAL	1	SW3005	410-18275-1	7439-92-1	Lead	0.00010	0.0001
KAFB-106010	GW010-604	11/2/2020	T	INITIAL	1	SW3005	410-18275-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106010	GW010-604	11/3/2020	N	INITIAL	50	METHOD	410-18275-1	106-93-4	1,2-Dibromoethane	7.8	7.8
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	100-41-4	Ethylbenzene	520	520
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	100-42-5	Styrene	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	10061-01-5	Cis-1,3-dichloropropene	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	10061-02-6	Trans-1,3-dichloropropene	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	103-65-1	n-Propylbenzene	20	20
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	104-51-8	n-Butylbenzene	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	106-43-4	4-Chlorotoluene	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	106-46-7	1,4-Dichlorobenzene	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	106-93-4	1,2-Dibromoethane	8.1	8.1
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	107-02-8	Acrolein	< 25	25
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	107-06-2	1,2-Dichloroethane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	107-13-1	Acrylonitrile	< 5.0	5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	108-05-4	Vinyl acetate	< 10	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	108-10-1	4-Methyl-2-pentanone	< 5.0	5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	108-67-8	1,3,5-Trimethylbenzene	16	16
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	108-86-1	Bromobenzene	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	108-90-7	Chlorobenzene	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	120-82-1	1,2,4-Trichlorobenzene	< 5.0	5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	124-48-1	Dibromochloromethane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	127-18-4	Tetrachloroethene	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	1330-20-7	Xylenes, total	940	940
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	135-98-8	sec-Butylbenzene	14	14
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	142-28-9	1,3-Dichloropropane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	156-59-2	Cis-1,2-Dichloroethene	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	156-60-5	Trans-1,2-Dichloroethene	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	1634-04-4	Methyl tert-butyl ether	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	179601-23-1	m- & p-Xylenes	620	620
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	541-73-1	1,3-Dichlorobenzene	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	56-23-5	Carbon tetrachloride	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	563-58-6	1,1-Dichloropropene	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	591-78-6	2-Hexanone	< 5.0	5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	594-20-7	2,2-Dichloropropane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	630-20-6	1,1,1,2-Tetrachloroethane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	67-64-1	Acetone	12	12
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	67-66-3	Chloroform	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	71-43-2	Benzene	1400	1400
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	71-55-6	1,1,1-Trichloroethane	< 2.5	2.5
KAFB-106010	GW010-604	11/4/2020	N	INITIAL	5	NONE	410-18275-1	74-83-9	Bromomethane	< 2.5	2.5
KAFB-106S5-446	GWS5-446-204	11/7/2020	N	INITIAL	5	NONE	410-18162-1	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106S5-446	GWS5-446-204	11/7/2020	N	INITIAL	5	NONE	410-18162-1	16887-00-6	Chloride	23	23
KAFB-106S5-446	GWS5-446-204	11/7/2020	N	INITIAL	5	NONE	410-18162-1	24959-67-9	Bromide	< 2.0	2
KAFB-106S5-446	GWS5-446-204	11/17/2020	N	INITIAL	1	NONE	410-18162-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S5-446	GWS5-446-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK	Alkalinity, total (as CaCO3)	240	240
KAFB-106S5-446	GWS5-446-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	240	240
KAFB-106S5-446	GWS5-446-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S5-446	GWS5-446-204	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-89-6	Iron	0.88	0.88
KAFB-106S5-446	GWS5-446-204	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-96-5	Manganese	2.0	2
KAFB-106S5-446	GWS5-446-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7439-95-4	Magnesium	11	11
KAFB-106S5-446	GWS5-446-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-09-7	Potassium	2.9	2.9
KAFB-106S5-446	GWS5-446-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-23-5	Sodium	28	28
KAFB-106S5-446	GWS5-446-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-70-2	Calcium	65	65
KAFB-106S5-446	GWS5-446-204	10/26/2020	T	INITIAL	1	SW3005	410-18162-1	7439-92-1	Lead	0.00075	0.00075
KAFB-106S5-446	GWS5-446-204	10/26/2020	T	INITIAL	1	SW3005	410-18162-1	7440-38-2	Arsenic	0.0025	0.0025
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	50	METHOD	410-18162-1	106-93-4	1,2-Dibromoethane	8.9	8.9
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	100-41-4	Ethylbenzene	1200	1200
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	100-42-5	Styrene	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	10061-01-5	Cis-1,3-dichloropropene	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	10061-02-6	Trans-1,3-dichloropropene	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	103-65-1	n-Propylbenzene	81	81
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	104-51-8	n-Butylbenzene	5.8	5.8
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	106-43-4	4-Chlorotoluene	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	106-46-7	1,4-Dichlorobenzene	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	106-93-4	1,2-Dibromoethane	8.8	8.8
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	107-02-8	Acrolein	< 50	50
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	107-06-2	1,2-Dichloroethane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	107-13-1	Acrylonitrile	< 10	10
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	108-05-4	Vinyl acetate	< 20	20
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	108-10-1	4-Methyl-2-pentanone	< 10	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	108-67-8	1,3,5-Trimethylbenzene	82	82
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	108-86-1	Bromobenzene	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	108-90-7	Chlorobenzene	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	120-82-1	1,2,4-Trichlorobenzene	< 10	10
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	124-48-1	Dibromochloromethane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	127-18-4	Tetrachloroethene	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	1330-20-7	Xylenes, total	2700	2700
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	135-98-8	sec-Butylbenzene	13	13
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	142-28-9	1,3-Dichloropropane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	156-59-2	Cis-1,2-Dichloroethene	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	156-60-5	Trans-1,2-Dichloroethene	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	1634-04-4	Methyl tert-butyl ether	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	179601-23-1	m- & p-Xylenes	1800	1800
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	541-73-1	1,3-Dichlorobenzene	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	56-23-5	Carbon tetrachloride	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	563-58-6	1,1-Dichloropropene	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	591-78-6	2-Hexanone	< 10	10
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	594-20-7	2,2-Dichloropropane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	67-64-1	Acetone	17	17
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	67-66-3	Chloroform	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	71-43-2	Benzene	1300	1300
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	71-55-6	1,1,1-Trichloroethane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	74-83-9	Bromomethane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	74-87-3	Chloromethane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	74-95-3	Dibromomethane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	74-97-5	Bromochloromethane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-00-3	Chloroethane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-01-4	Vinyl chloride	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-09-2	Methylene chloride	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-15-0	Carbon disulfide	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-25-2	Bromoform	< 20	20
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-27-4	Bromodichloromethane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-34-3	1,1-Dichloroethane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-35-4	1,1-Dichloroethene	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-69-4	Trichlorofluoromethane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-71-8	Dichlorodifluoromethane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	78-87-5	1,2-Dichloropropane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	78-93-3	2-Butanone	< 10	10
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	79-00-5	1,1,2-Trichloroethane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	79-01-6	Trichloroethene	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	87-61-6	1,2,3-Trichlorobenzene	< 10	10
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	87-68-3	Hexachloro-1,3-butadiene	< 40	40
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	91-20-3	Naphthalene	110	110
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	95-47-6	o-Xylene	870	870
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	95-49-8	2-Chlorotoluene	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	95-50-1	1,2-Dichlorobenzene	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	95-63-6	1,2,4-Trimethylbenzene	180	180
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	96-12-8	1,2-Dibromo-3-chloropropane	< 10	10
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	96-18-4	1,2,3-Trichloropropane	< 5.0	5
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	98-06-6	tert-Butylbenzene	< 10	10
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	98-82-8	Isopropylbenzene	79	79
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	99-87-6	4-Isopropyltoluene	15	15
KAFB-106S5-446	GWS5-446-204	11/4/2020	N	REANALYSIS	100	NONE	410-18162-1	108-88-3	Toluene	7000	7000

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S5-446	GWS5-446-604	11/7/2020	N	INITIAL	5	NONE	410-18162-1	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106S5-446	GWS5-446-604	11/7/2020	N	INITIAL	5	NONE	410-18162-1	16887-00-6	Chloride	23	23
KAFB-106S5-446	GWS5-446-604	11/7/2020	N	INITIAL	5	NONE	410-18162-1	24959-67-9	Bromide	< 2.0	2
KAFB-106S5-446	GWS5-446-604	11/17/2020	N	INITIAL	1	NONE	410-18162-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S5-446	GWS5-446-604	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK	Alkalinity, total (as CaCO3)	240	240
KAFB-106S5-446	GWS5-446-604	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	240	240
KAFB-106S5-446	GWS5-446-604	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S5-446	GWS5-446-604	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-89-6	Iron	0.82	0.82
KAFB-106S5-446	GWS5-446-604	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-96-5	Manganese	2.0	2
KAFB-106S5-446	GWS5-446-604	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7439-95-4	Magnesium	11	11
KAFB-106S5-446	GWS5-446-604	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-09-7	Potassium	2.7	2.7
KAFB-106S5-446	GWS5-446-604	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-23-5	Sodium	27	27
KAFB-106S5-446	GWS5-446-604	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-70-2	Calcium	65	65
KAFB-106S5-446	GWS5-446-604	10/26/2020	T	INITIAL	1	SW3005	410-18162-1	7439-92-1	Lead	0.00050	0.0005
KAFB-106S5-446	GWS5-446-604	10/26/2020	T	INITIAL	1	SW3005	410-18162-1	7440-38-2	Arsenic	0.0024	0.0024
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	50	METHOD	410-18162-1	106-93-4	1,2-Dibromoethane	8.4	8.4
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	100-41-4	Ethylbenzene	1200	1200
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	100-42-5	Styrene	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	10061-01-5	Cis-1,3-dichloropropene	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	10061-02-6	Trans-1,3-dichloropropene	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	103-65-1	n-Propylbenzene	83	83
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	104-51-8	n-Butylbenzene	5.8	5.8
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	106-43-4	4-Chlorotoluene	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	106-46-7	1,4-Dichlorobenzene	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	106-93-4	1,2-Dibromoethane	8.5	8.5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	107-02-8	Acrolein	< 50	50
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	107-06-2	1,2-Dichloroethane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	107-13-1	Acrylonitrile	< 10	10
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	108-05-4	Vinyl acetate	< 20	20
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	108-10-1	4-Methyl-2-pentanone	< 10	10
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	108-67-8	1,3,5-Trimethylbenzene	82	82
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	108-86-1	Bromobenzene	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	108-90-7	Chlorobenzene	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	120-82-1	1,2,4-Trichlorobenzene	< 10	10
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	124-48-1	Dibromochloromethane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	127-18-4	Tetrachloroethene	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	1330-20-7	Xylenes, total	2800	2800
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	135-98-8	sec-Butylbenzene	13	13
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	142-28-9	1,3-Dichloropropane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	156-59-2	Cis-1,2-Dichloroethene	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	156-60-5	Trans-1,2-Dichloroethene	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	1634-04-4	Methyl tert-butyl ether	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	179601-23-1	m- & p-Xylenes	1900	1900
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	541-73-1	1,3-Dichlorobenzene	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	56-23-5	Carbon tetrachloride	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	563-58-6	1,1-Dichloropropene	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	591-78-6	2-Hexanone	< 10	10
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	594-20-7	2,2-Dichloropropane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	67-64-1	Acetone	19	19
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	67-66-3	Chloroform	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	71-43-2	Benzene	1300	1300
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	71-55-6	1,1,1-Trichloroethane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	74-83-9	Bromomethane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	74-87-3	Chloromethane	< 5.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	74-95-3	Dibromomethane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	74-97-5	Bromochloromethane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-00-3	Chloroethane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-01-4	Vinyl chloride	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-09-2	Methylene chloride	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-15-0	Carbon disulfide	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-25-2	Bromoform	< 20	20
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-27-4	Bromodichloromethane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-34-3	1,1-Dichloroethane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-35-4	1,1-Dichloroethene	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-69-4	Trichlorofluoromethane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-71-8	Dichlorodifluoromethane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	78-87-5	1,2-Dichloropropane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	78-93-3	2-Butanone	< 10	10
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	79-00-5	1,1,2-Trichloroethane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	79-01-6	Trichloroethene	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	87-61-6	1,2,3-Trichlorobenzene	< 10	10
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	87-68-3	Hexachloro-1,3-butadiene	< 40	40
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	91-20-3	Naphthalene	110	110
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	95-47-6	o-Xylene	870	870
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	95-49-8	2-Chlorotoluene	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	95-50-1	1,2-Dichlorobenzene	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	95-63-6	1,2,4-Trimethylbenzene	180	180
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	96-12-8	1,2-Dibromo-3-chloropropane	< 10	10
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	96-18-4	1,2,3-Trichloropropane	< 5.0	5
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	98-06-6	tert-Butylbenzene	< 10	10
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	98-82-8	Isopropylbenzene	80	80
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	INITIAL	10	NONE	410-18162-1	99-87-6	4-Isopropyltoluene	15	15
KAFB-106S5-446	GWS5-446-604	11/4/2020	N	REANALYSIS	100	NONE	410-18162-1	108-88-3	Toluene	6900	6900
KAFB-106028	GW028-204	11/7/2020	N	INITIAL	5	NONE	410-18162-1	14808-79-8	Sulfate	4.2	4.2
KAFB-106028	GW028-204	11/7/2020	N	INITIAL	5	NONE	410-18162-1	24959-67-9	Bromide	< 2.0	2
KAFB-106028	GW028-204	11/7/2020	N	INITIAL	10	NONE	410-18162-1	16887-00-6	Chloride	46	46
KAFB-106028	GW028-204	11/17/2020	N	INITIAL	1	NONE	410-18162-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106028	GW028-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK	Alkalinity, total (as CaCO3)	390	390
KAFB-106028	GW028-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	390	390
KAFB-106028	GW028-204	10/27/2020	N	INITIAL	1	NONE	410-18162-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106028	GW028-204	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-89-6	Iron	3.2	3.2
KAFB-106028	GW028-204	10/26/2020	D	INITIAL	1	METHOD	410-18162-1	7439-96-5	Manganese	4.0	4
KAFB-106028	GW028-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7439-95-4	Magnesium	19	19
KAFB-106028	GW028-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-09-7	Potassium	3.5	3.5
KAFB-106028	GW028-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-23-5	Sodium	39	39
KAFB-106028	GW028-204	10/27/2020	T	INITIAL	1	SW3005	410-18162-1	7440-70-2	Calcium	120	120
KAFB-106028	GW028-204	11/2/2020	T	INITIAL	1	SW3005	410-18162-1	7439-92-1	Lead	0.00043	0.00043
KAFB-106028	GW028-204	11/2/2020	T	INITIAL	1	SW3005	410-18162-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	200	METHOD	410-18162-1	106-93-4	1,2-Dibromoethane	29	29
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	100-41-4	Ethylbenzene	840	840
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	100-42-5	Styrene	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	10061-01-5	Cis-1,3-dichloropropene	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	10061-02-6	Trans-1,3-dichloropropene	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	103-65-1	n-Propylbenzene	34	34
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	104-51-8	n-Butylbenzene	2.0	2
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	106-43-4	4-Chlorotoluene	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	106-46-7	1,4-Dichlorobenzene	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	106-93-4	1,2-Dibromoethane	29	29

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	107-02-8	Acrolein	< 50	50
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	107-06-2	1,2-Dichloroethane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	107-13-1	Acrylonitrile	< 10	10
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	108-05-4	Vinyl acetate	< 20	20
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	108-10-1	4-Methyl-2-pentanone	25	25
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	108-67-8	1,3,5-Trimethylbenzene	41	41
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	108-86-1	Bromobenzene	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	108-90-7	Chlorobenzene	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	120-82-1	1,2,4-Trichlorobenzene	< 10	10
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	124-48-1	Dibromochloromethane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	127-18-4	Tetrachloroethene	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	1330-20-7	Xylenes, total	2600	2600
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	135-98-8	sec-Butylbenzene	27	27
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	142-28-9	1,3-Dichloropropane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	156-59-2	Cis-1,2-Dichloroethene	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	156-60-5	Trans-1,2-Dichloroethene	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	1634-04-4	Methyl tert-butyl ether	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	179601-23-1	m- & p-Xylenes	1600	1600
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	541-73-1	1,3-Dichlorobenzene	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	56-23-5	Carbon tetrachloride	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	563-58-6	1,1-Dichloropropene	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	591-78-6	2-Hexanone	< 10	10
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	594-20-7	2,2-Dichloropropane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	67-64-1	Acetone	< 20	20
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	67-66-3	Chloroform	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	71-55-6	1,1,1-Trichloroethane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	74-83-9	Bromomethane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	74-87-3	Chloromethane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	74-95-3	Dibromomethane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	74-97-5	Bromochloromethane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-00-3	Chloroethane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-01-4	Vinyl chloride	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-09-2	Methylene chloride	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-15-0	Carbon disulfide	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-25-2	Bromoform	< 20	20
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-27-4	Bromodichloromethane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-34-3	1,1-Dichloroethane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-35-4	1,1-Dichloroethene	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-69-4	Trichlorofluoromethane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	75-71-8	Dichlorodifluoromethane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	78-87-5	1,2-Dichloropropane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	78-93-3	2-Butanone	5.3	5.3
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	79-00-5	1,1,2-Trichloroethane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	79-01-6	Trichloroethene	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	87-61-6	1,2,3-Trichlorobenzene	< 10	10
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	87-68-3	Hexachloro-1,3-butadiene	< 40	40
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	91-20-3	Naphthalene	76	76
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	95-47-6	o-Xylene	990	990
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	95-49-8	2-Chlorotoluene	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	95-50-1	1,2-Dichlorobenzene	< 5.0	5
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	95-63-6	1,2,4-Trimethylbenzene	130	130
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	96-12-8	1,2-Dibromo-3-chloropropane	< 10	10
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	96-18-4	1,2,3-Trichloropropane	< 5.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	98-06-6	tert-Butylbenzene	< 10	10
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	98-82-8	Isopropylbenzene	75	75
KAFB-106028	GW028-204	11/4/2020	N	INITIAL	10	NONE	410-18162-1	99-87-6	4-Isopropyltoluene	36	36
KAFB-106028	GW028-204	11/4/2020	N	REANALYSIS	100	NONE	410-18162-1	108-88-3	Toluene	10000	10000
KAFB-106028	GW028-204	11/4/2020	N	REANALYSIS	100	NONE	410-18162-1	71-43-2	Benzene	5100	5100
KAFB-106075	GW075-204	11/14/2020	N	INITIAL	5	NONE	410-18275-1	24959-67-9	Bromide	1.7	1.7
KAFB-106075	GW075-204	11/14/2020	N	INITIAL	100	NONE	410-18275-1	14808-79-8	Sulfate	220	220
KAFB-106075	GW075-204	11/14/2020	N	INITIAL	100	NONE	410-18275-1	16887-00-6	Chloride	160	160
KAFB-106075	GW075-204	11/18/2020	N	INITIAL	5	NONE	410-18275-1	NNN	Nitrogen as nitrate + nitrite	6.1	6.1
KAFB-106075	GW075-204	10/27/2020	N	INITIAL	1	NONE	410-18275-1	ALK	Alkalinity, total (as CaCO3)	90	90
KAFB-106075	GW075-204	10/27/2020	N	INITIAL	1	NONE	410-18275-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	90	90
KAFB-106075	GW075-204	10/27/2020	N	INITIAL	1	NONE	410-18275-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106075	GW075-204	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7439-95-4	Magnesium	21	21
KAFB-106075	GW075-204	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7440-09-7	Potassium	4.3	4.3
KAFB-106075	GW075-204	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7440-23-5	Sodium	43	43
KAFB-106075	GW075-204	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7440-70-2	Calcium	160	160
KAFB-106075	GW075-204	10/31/2020	D	INITIAL	1	METHOD	410-18275-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106075	GW075-204	11/2/2020	D	INITIAL	1	METHOD	410-18275-1	7439-96-5	Manganese	0.013	0.013
KAFB-106075	GW075-204	11/2/2020	T	INITIAL	1	SW3005	410-18275-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106075	GW075-204	11/2/2020	T	INITIAL	1	SW3005	410-18275-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106075	GW075-204	11/3/2020	N	INITIAL	1	METHOD	410-18275-1	106-93-4	1,2-Dibromoethane	0.014	0.014
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	107-02-8	Acrolein	< 5.0	5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	135-98-8	sec-Butylbenzene	2.3	2.3
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	67-64-1	Acetone	1.4	1.4
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	75-25-2	Bromoform	< 2.0	2
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106075	GW075-204	11/4/2020	N	INITIAL	1	NONE	410-18275-1	99-87-6	4-Isopropyltoluene	2.4	2.4
KAFB-106005	GW005-204	11/14/2020	N	INITIAL	5	NONE	410-18275-1	14808-79-8	Sulfate	3.5	3.5
KAFB-106005	GW005-204	11/14/2020	N	INITIAL	5	NONE	410-18275-1	24959-67-9	Bromide	1.8	1.8
KAFB-106005	GW005-204	11/14/2020	N	INITIAL	100	NONE	410-18275-1	16887-00-6	Chloride	180	180
KAFB-106005	GW005-204	11/18/2020	N	INITIAL	1	NONE	410-18275-1	NNN	Nitrogen as nitrate + nitrite	0.059	0.059
KAFB-106005	GW005-204	10/27/2020	N	INITIAL	1	NONE	410-18275-1	ALK	Alkalinity, total (as CaCO3)	380	380
KAFB-106005	GW005-204	10/27/2020	N	INITIAL	1	NONE	410-18275-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	380	380
KAFB-106005	GW005-204	10/27/2020	N	INITIAL	1	NONE	410-18275-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106005	GW005-204	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7439-95-4	Magnesium	27	27
KAFB-106005	GW005-204	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7440-09-7	Potassium	4.0	4
KAFB-106005	GW005-204	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7440-23-5	Sodium	72	72
KAFB-106005	GW005-204	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7440-70-2	Calcium	170	170
KAFB-106005	GW005-204	10/31/2020	D	INITIAL	1	METHOD	410-18275-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106005	GW005-204	11/2/2020	D	INITIAL	1	METHOD	410-18275-1	7439-96-5	Manganese	1.7	1.7
KAFB-106005	GW005-204	11/2/2020	T	INITIAL	1	SW3005	410-18275-1	7439-92-1	Lead	0.00030	0.0003
KAFB-106005	GW005-204	11/3/2020	T	INITIAL	1	SW3005	410-18275-1	7440-38-2	Arsenic	0.0014	0.0014
KAFB-106005	GW005-204	11/3/2020	N	INITIAL	5	METHOD	410-18275-1	106-93-4	1,2-Dibromoethane	0.40	0.4
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	100-41-4	Ethylbenzene	230	230
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	100-42-5	Styrene	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	10061-01-5	Cis-1,3-dichloropropene	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	10061-02-6	Trans-1,3-dichloropropene	< 2.5	2.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	103-65-1	n-Propylbenzene	17	17
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	104-51-8	n-Butylbenzene	3.4	3.4
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	106-43-4	4-Chlorotoluene	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	106-46-7	1,4-Dichlorobenzene	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	106-93-4	1,2-Dibromoethane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	107-02-8	Acrolein	< 25	25
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	107-06-2	1,2-Dichloroethane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	107-13-1	Acrylonitrile	< 5.0	5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	108-05-4	Vinyl acetate	< 10	10
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	108-10-1	4-Methyl-2-pentanone	< 5.0	5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	108-67-8	1,3,5-Trimethylbenzene	25	25
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	108-86-1	Bromobenzene	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	108-88-3	Toluene	1000	1000
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	108-90-7	Chlorobenzene	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	120-82-1	1,2,4-Trichlorobenzene	< 5.0	5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	124-48-1	Dibromochloromethane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	127-18-4	Tetrachloroethene	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	1330-20-7	Xylenes, total	880	880
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	135-98-8	sec-Butylbenzene	16	16
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	142-28-9	1,3-Dichloropropane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	156-59-2	Cis-1,2-Dichloroethene	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	156-60-5	Trans-1,2-Dichloroethene	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	1634-04-4	Methyl tert-butyl ether	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	179601-23-1	m- & p-Xylenes	510	510
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	541-73-1	1,3-Dichlorobenzene	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	56-23-5	Carbon tetrachloride	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	563-58-6	1,1-Dichloropropene	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	591-78-6	2-Hexanone	< 5.0	5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	594-20-7	2,2-Dichloropropane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	630-20-6	1,1,1,2-Tetrachloroethane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	67-64-1	Acetone	28	28
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	67-66-3	Chloroform	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	71-43-2	Benzene	860	860
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	71-55-6	1,1,1-Trichloroethane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	74-83-9	Bromomethane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	74-87-3	Chloromethane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	74-95-3	Dibromomethane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	74-97-5	Bromochloromethane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-00-3	Chloroethane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-01-4	Vinyl chloride	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-09-2	Methylene chloride	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-15-0	Carbon disulfide	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-25-2	Bromoform	< 10	10
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-27-4	Bromodichloromethane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-34-3	1,1-Dichloroethane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-35-4	1,1-Dichloroethene	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-69-4	Trichlorofluoromethane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	75-71-8	Dichlorodifluoromethane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	78-87-5	1,2-Dichloropropane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	78-93-3	2-Butanone	13	13
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	79-00-5	1,1,2-Trichloroethane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	79-01-6	Trichloroethene	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	79-34-5	1,1,2,2-Tetrachloroethane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	87-61-6	1,2,3-Trichlorobenzene	< 5.0	5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	87-68-3	Hexachloro-1,3-butadiene	< 20	20

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	91-20-3	Naphthalene	64	64
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	95-47-6	o-Xylene	370	370
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	95-49-8	2-Chlorotoluene	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	95-50-1	1,2-Dichlorobenzene	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	95-63-6	1,2,4-Trimethylbenzene	98	98
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	96-12-8	1,2-Dibromo-3-chloropropane	< 5.0	5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	96-18-4	1,2,3-Trichloropropane	< 2.5	2.5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	98-06-6	tert-Butylbenzene	< 5.0	5
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	98-82-8	Isopropylbenzene	18	18
KAFB-106005	GW005-204	11/4/2020	N	INITIAL	5	NONE	410-18275-1	99-87-6	4-Isopropyltoluene	15	15
KAFB-106059	GW059-204	11/14/2020	N	INITIAL	5	NONE	410-18275-1	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106059	GW059-204	11/14/2020	N	INITIAL	5	NONE	410-18275-1	24959-67-9	Bromide	< 2.0	2
KAFB-106059	GW059-204	11/14/2020	N	INITIAL	20	NONE	410-18275-1	16887-00-6	Chloride	36	36
KAFB-106059	GW059-204	11/18/2020	N	INITIAL	1	NONE	410-18275-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106059	GW059-204	10/27/2020	N	INITIAL	1	NONE	410-18275-1	ALK	Alkalinity, total (as CaCO3)	390	390
KAFB-106059	GW059-204	10/27/2020	N	INITIAL	1	NONE	410-18275-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	390	390
KAFB-106059	GW059-204	10/27/2020	N	INITIAL	1	NONE	410-18275-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106059	GW059-204	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7439-95-4	Magnesium	20	20
KAFB-106059	GW059-204	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7440-09-7	Potassium	3.6	3.6
KAFB-106059	GW059-204	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7440-23-5	Sodium	36	36
KAFB-106059	GW059-204	10/29/2020	T	INITIAL	1	SW3005	410-18275-1	7440-70-2	Calcium	120	120
KAFB-106059	GW059-204	10/31/2020	D	INITIAL	1	METHOD	410-18275-1	7439-89-6	Iron	7.9	7.9
KAFB-106059	GW059-204	11/2/2020	D	INITIAL	1	METHOD	410-18275-1	7439-96-5	Manganese	3.3	3.3
KAFB-106059	GW059-204	11/2/2020	T	INITIAL	1	SW3005	410-18275-1	7439-92-1	Lead	0.00062	0.00062
KAFB-106059	GW059-204	11/3/2020	T	INITIAL	1	SW3005	410-18275-1	7440-38-2	Arsenic	0.0031	0.0031
KAFB-106059	GW059-204	11/3/2020	N	INITIAL	50	METHOD	410-18275-1	106-93-4	1,2-Dibromoethane	6.5	6.5
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	100-41-4	Ethylbenzene	1000	1000
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	100-42-5	Styrene	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	10061-01-5	Cis-1,3-dichloropropene	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	10061-02-6	Trans-1,3-dichloropropene	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	103-65-1	n-Propylbenzene	56	56
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	104-51-8	n-Butylbenzene	6.3	6.3
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	106-43-4	4-Chlorotoluene	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	106-46-7	1,4-Dichlorobenzene	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	106-93-4	1,2-Dibromoethane	6.2	6.2
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	107-02-8	Acrolein	< 100	100
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	107-06-2	1,2-Dichloroethane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	107-13-1	Acrylonitrile	< 20	20
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	108-05-4	Vinyl acetate	< 40	40
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	108-10-1	4-Methyl-2-pentanone	25	25
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	108-67-8	1,3,5-Trimethylbenzene	78	78
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	108-86-1	Bromobenzene	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	108-90-7	Chlorobenzene	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	120-82-1	1,2,4-Trichlorobenzene	< 20	20
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	124-48-1	Dibromochloromethane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	127-18-4	Tetrachloroethene	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	1330-20-7	Xylenes, total	3300	3300
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	135-98-8	sec-Butylbenzene	9.0	9
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	142-28-9	1,3-Dichloropropane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	156-59-2	Cis-1,2-Dichloroethene	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	156-60-5	Trans-1,2-Dichloroethene	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	1634-04-4	Methyl tert-butyl ether	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	179601-23-1	m- & p-Xylenes	2300	2300
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	541-73-1	1,3-Dichlorobenzene	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	56-23-5	Carbon tetrachloride	< 10	10

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	563-58-6	1,1-Dichloropropene	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	591-78-6	2-Hexanone	65	65
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	594-20-7	2,2-Dichloropropane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	630-20-6	1,1,1,2-Tetrachloroethane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	67-64-1	Acetone	33	33
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	67-66-3	Chloroform	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	71-55-6	1,1,1-Trichloroethane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	74-83-9	Bromomethane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	74-87-3	Chloromethane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	74-95-3	Dibromomethane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	74-97-5	Bromochloromethane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	75-00-3	Chloroethane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	75-01-4	Vinyl chloride	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	75-09-2	Methylene chloride	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	75-15-0	Carbon disulfide	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	75-25-2	Bromoform	< 40	40
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	75-27-4	Bromodichloromethane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	75-34-3	1,1-Dichloroethane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	75-35-4	1,1-Dichloroethene	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	75-69-4	Trichlorofluoromethane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	75-71-8	Dichlorodifluoromethane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	78-87-5	1,2-Dichloropropane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	78-93-3	2-Butanone	< 20	20
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	79-00-5	1,1,2-Trichloroethane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	79-01-6	Trichloroethene	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	79-34-5	1,1,2,2-Tetrachloroethane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	87-61-6	1,2,3-Trichlorobenzene	< 20	20
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	87-68-3	Hexachloro-1,3-butadiene	< 80	80
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	91-20-3	Naphthalene	100	100
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	95-47-6	o-Xylene	950	950
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	95-49-8	2-Chlorotoluene	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	95-50-1	1,2-Dichlorobenzene	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	95-63-6	1,2,4-Trimethylbenzene	250	250
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	96-12-8	1,2-Dibromo-3-chloropropane	< 20	20
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	96-18-4	1,2,3-Trichloropropane	< 10	10
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	98-06-6	tert-Butylbenzene	< 20	20
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	98-82-8	Isopropylbenzene	56	56
KAFB-106059	GW059-204	11/4/2020	N	INITIAL	20	NONE	410-18275-1	99-87-6	4-Isopropyltoluene	12	12
KAFB-106059	GW059-204	11/4/2020	N	REANALYSIS	200	NONE	410-18275-1	108-88-3	Toluene	12000	12000
KAFB-106059	GW059-204	11/4/2020	N	REANALYSIS	200	NONE	410-18275-1	71-43-2	Benzene	15000	15000
KAFB-106018	GW018-204	11/18/2020	N	INITIAL	5	NONE	410-18906-1	14808-79-8	Sulfate	58	58
KAFB-106018	GW018-204	11/18/2020	N	INITIAL	5	NONE	410-18906-1	24959-67-9	Bromide	< 2.0	2
KAFB-106018	GW018-204	11/18/2020	N	INITIAL	50	NONE	410-18906-1	16887-00-6	Chloride	43	43
KAFB-106018	GW018-204	11/18/2020	N	INITIAL	1	NONE	410-18906-1	NNN	Nitrogen as nitrate + nitrite	1.1	1.1
KAFB-106018	GW018-204	11/4/2020	N	INITIAL	1	NONE	410-18906-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106018	GW018-204	11/4/2020	N	INITIAL	1	NONE	410-18906-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106018	GW018-204	11/4/2020	N	INITIAL	1	NONE	410-18906-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106018	GW018-204	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7439-95-4	Magnesium	8.4	8.4
KAFB-106018	GW018-204	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7440-09-7	Potassium	2.7	2.7
KAFB-106018	GW018-204	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7440-23-5	Sodium	25	25
KAFB-106018	GW018-204	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7440-70-2	Calcium	55	55
KAFB-106018	GW018-204	11/3/2020	D	INITIAL	1	METHOD	410-18906-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106018	GW018-204	11/10/2020	D	INITIAL	1	METHOD	410-18906-1	7439-96-5	Manganese	0.61	0.61
KAFB-106018	GW018-204	11/4/2020	T	INITIAL	1	SW3005	410-18906-1	7439-92-1	Lead	< 0.00050	0.0005
KAFB-106018	GW018-204	11/4/2020	T	INITIAL	1	SW3005	410-18906-1	7440-38-2	Arsenic	< 0.0016	0.0016

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106018	GW018-204	11/9/2020	N	INITIAL	1	METHOD	410-18906-1	106-93-4	1,2-Dibromoethane	0.014	0.014
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	107-02-8	Acrolein	< 5.0	5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	67-64-1	Acetone	< 2.0	2
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-25-2	Bromoform	< 2.0	2
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	78-93-3	2-Butanone	< 1.0	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106018	GW018-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106020	GW020-204	11/18/2020	N	INITIAL	5	NONE	410-18906-1	14808-79-8	Sulfate	73	73
KAFB-106020	GW020-204	11/18/2020	N	INITIAL	5	NONE	410-18906-1	24959-67-9	Bromide	< 2.0	2
KAFB-106020	GW020-204	11/18/2020	N	INITIAL	50	NONE	410-18906-1	16887-00-6	Chloride	38	38
KAFB-106020	GW020-204	11/18/2020	N	INITIAL	1	NONE	410-18906-1	NNN	Nitrogen as nitrate + nitrite	0.93	0.93
KAFB-106020	GW020-204	11/4/2020	N	INITIAL	1	NONE	410-18906-1	ALK	Alkalinity, total (as CaCO3)	110	110
KAFB-106020	GW020-204	11/4/2020	N	INITIAL	1	NONE	410-18906-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	110	110
KAFB-106020	GW020-204	11/4/2020	N	INITIAL	1	NONE	410-18906-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106020	GW020-204	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7439-95-4	Magnesium	8.6	8.6
KAFB-106020	GW020-204	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7440-09-7	Potassium	2.6	2.6
KAFB-106020	GW020-204	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7440-23-5	Sodium	25	25
KAFB-106020	GW020-204	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7440-70-2	Calcium	58	58
KAFB-106020	GW020-204	11/3/2020	D	INITIAL	1	METHOD	410-18906-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106020	GW020-204	11/10/2020	D	INITIAL	1	METHOD	410-18906-1	7439-96-5	Manganese	0.015	0.015
KAFB-106020	GW020-204	11/4/2020	T	INITIAL	1	SW3005	410-18906-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106020	GW020-204	11/4/2020	T	INITIAL	1	SW3005	410-18906-1	7440-38-2	Arsenic	0.0058	0.0058
KAFB-106020	GW020-204	11/9/2020	N	INITIAL	1	METHOD	410-18906-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	107-02-8	Acrolein	< 5.0	5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	1330-20-7	Xylenes, total	< 2.0	2
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	67-64-1	Acetone	< 20	20
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-25-2	Bromoform	< 2.0	2
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	95-47-6	o-Xylene	< 0.80	0.8
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106020	GW020-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106014	GW014-204	11/18/2020	N	INITIAL	5	NONE	410-18906-1	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106014	GW014-204	11/18/2020	N	INITIAL	5	NONE	410-18906-1	24959-67-9	Bromide	2.8	2.8
KAFB-106014	GW014-204	11/18/2020	N	INITIAL	50	NONE	410-18906-1	16887-00-6	Chloride	130	130
KAFB-106014	GW014-204	11/18/2020	N	INITIAL	1	NONE	410-18906-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106014	GW014-204	11/4/2020	N	INITIAL	1	NONE	410-18906-1	ALK	Alkalinity, total (as CaCO3)	480	480
KAFB-106014	GW014-204	11/4/2020	N	INITIAL	1	NONE	410-18906-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	480	480
KAFB-106014	GW014-204	11/4/2020	N	INITIAL	1	NONE	410-18906-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106014	GW014-204	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7439-95-4	Magnesium	29	29
KAFB-106014	GW014-204	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7440-09-7	Potassium	4.9	4.9
KAFB-106014	GW014-204	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7440-23-5	Sodium	45	45

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106014	GW014-204	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7440-70-2	Calcium	180	180
KAFB-106014	GW014-204	11/3/2020	D	INITIAL	1	METHOD	410-18906-1	7439-89-6	Iron	4.5	4.5
KAFB-106014	GW014-204	11/10/2020	D	INITIAL	1	METHOD	410-18906-1	7439-96-5	Manganese	5.8	5.8
KAFB-106014	GW014-204	11/4/2020	T	INITIAL	1	SW3005	410-18906-1	7439-92-1	Lead	0.0039	0.0039
KAFB-106014	GW014-204	11/4/2020	T	INITIAL	1	SW3005	410-18906-1	7440-38-2	Arsenic	0.0030	0.003
KAFB-106014	GW014-204	11/10/2020	N	INITIAL	10	METHOD	410-18906-1	106-93-4	1,2-Dibromoethane	2.6	2.6
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	100-41-4	Ethylbenzene	800	800
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	100-42-5	Styrene	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	10061-01-5	Cis-1,3-dichloropropene	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	10061-02-6	Trans-1,3-dichloropropene	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	103-65-1	n-Propylbenzene	33	33
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	104-51-8	n-Butylbenzene	2.1	2.1
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	106-43-4	4-Chlorotoluene	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	106-46-7	1,4-Dichlorobenzene	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	106-93-4	1,2-Dibromoethane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	107-02-8	Acrolein	< 50	50
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	107-06-2	1,2-Dichloroethane	6.9	6.9
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	107-13-1	Acrylonitrile	< 10	10
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	108-05-4	Vinyl acetate	< 20	20
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	108-10-1	4-Methyl-2-pentanone	230	230
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	108-67-8	1,3,5-Trimethylbenzene	43	43
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	108-86-1	Bromobenzene	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	108-90-7	Chlorobenzene	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	120-82-1	1,2,4-Trichlorobenzene	< 10	10
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	124-48-1	Dibromochloromethane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	127-18-4	Tetrachloroethene	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	1330-20-7	Xylenes, total	1900	1900
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	135-98-8	sec-Butylbenzene	4.8	4.8
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	142-28-9	1,3-Dichloropropane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	156-59-2	Cis-1,2-Dichloroethene	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	156-60-5	Trans-1,2-Dichloroethene	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	1634-04-4	Methyl tert-butyl ether	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	179601-23-1	m- & p-Xylenes	1300	1300
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	541-73-1	1,3-Dichlorobenzene	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	56-23-5	Carbon tetrachloride	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	563-58-6	1,1-Dichloropropene	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	591-78-6	2-Hexanone	180	180
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	594-20-7	2,2-Dichloropropane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	630-20-6	1,1,1,2-Tetrachloroethane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	67-64-1	Acetone	< 20	20
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	67-66-3	Chloroform	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	71-55-6	1,1,1-Trichloroethane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	74-83-9	Bromomethane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	74-87-3	Chloromethane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	74-95-3	Dibromomethane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	74-97-5	Bromochloromethane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	75-00-3	Chloroethane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	75-01-4	Vinyl chloride	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	75-09-2	Methylene chloride	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	75-15-0	Carbon disulfide	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	75-25-2	Bromoform	< 20	20
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	75-27-4	Bromodichloromethane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	75-34-3	1,1-Dichloroethane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	75-35-4	1,1-Dichloroethene	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	75-69-4	Trichlorofluoromethane	< 5.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	75-71-8	Dichlorodifluoromethane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	78-87-5	1,2-Dichloropropane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	78-93-3	2-Butanone	9.5	9.5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	79-00-5	1,1,2-Trichloroethane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	79-01-6	Trichloroethene	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	79-34-5	1,1,2,2-Tetrachloroethane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	87-61-6	1,2,3-Trichlorobenzene	< 10	10
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	87-68-3	Hexachloro-1,3-butadiene	< 40	40
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	91-20-3	Naphthalene	83	83
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	95-47-6	o-Xylene	570	570
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	95-49-8	2-Chlorotoluene	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	95-50-1	1,2-Dichlorobenzene	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	95-63-6	1,2,4-Trimethylbenzene	130	130
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	96-12-8	1,2-Dibromo-3-chloropropane	< 10	10
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	96-18-4	1,2,3-Trichloropropane	< 5.0	5
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	98-06-6	tert-Butylbenzene	< 10	10
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	98-82-8	Isopropylbenzene	320	320
KAFB-106014	GW014-204	11/12/2020	N	INITIAL	10	NONE	410-18906-1	99-87-6	4-Isopropyltoluene	47	47
KAFB-106014	GW014-204	11/12/2020	N	REANALYSIS	100	NONE	410-18906-1	108-88-3	Toluene	6300	6300
KAFB-106014	GW014-204	11/12/2020	N	REANALYSIS	100	NONE	410-18906-1	71-43-2	Benzene	6100	6100
KAFB-106014	GW014-604	11/18/2020	N	INITIAL	5	NONE	410-18906-1	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106014	GW014-604	11/18/2020	N	INITIAL	5	NONE	410-18906-1	24959-67-9	Bromide	2.8	2.8
KAFB-106014	GW014-604	11/18/2020	N	INITIAL	50	NONE	410-18906-1	16887-00-6	Chloride	130	130
KAFB-106014	GW014-604	11/18/2020	N	INITIAL	1	NONE	410-18906-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106014	GW014-604	11/4/2020	N	INITIAL	1	NONE	410-18906-1	ALK	Alkalinity, total (as CaCO3)	480	480
KAFB-106014	GW014-604	11/4/2020	N	INITIAL	1	NONE	410-18906-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	480	480
KAFB-106014	GW014-604	11/4/2020	N	INITIAL	1	NONE	410-18906-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106014	GW014-604	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7439-95-4	Magnesium	29	29
KAFB-106014	GW014-604	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7440-09-7	Potassium	4.9	4.9
KAFB-106014	GW014-604	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7440-23-5	Sodium	45	45
KAFB-106014	GW014-604	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7440-70-2	Calcium	180	180
KAFB-106014	GW014-604	11/3/2020	D	INITIAL	1	METHOD	410-18906-1	7439-89-6	Iron	4.5	4.5
KAFB-106014	GW014-604	11/10/2020	D	INITIAL	1	METHOD	410-18906-1	7439-96-5	Manganese	5.9	5.9
KAFB-106014	GW014-604	11/4/2020	T	INITIAL	1	SW3005	410-18906-1	7439-92-1	Lead	0.0034	0.0034
KAFB-106014	GW014-604	11/4/2020	T	INITIAL	1	SW3005	410-18906-1	7440-38-2	Arsenic	0.0033	0.0033
KAFB-106014	GW014-604	11/10/2020	N	INITIAL	10	METHOD	410-18906-1	106-93-4	1,2-Dibromoethane	2.7	2.7
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	100-41-4	Ethylbenzene	770	770
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	100-42-5	Styrene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	10061-01-5	Cis-1,3-dichloropropene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	10061-02-6	Trans-1,3-dichloropropene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	103-65-1	n-Propylbenzene	30	30
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	104-51-8	n-Butylbenzene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	106-43-4	4-Chlorotoluene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	106-46-7	1,4-Dichlorobenzene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	106-93-4	1,2-Dibromoethane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	107-02-8	Acrolein	< 250	250
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	107-06-2	1,2-Dichloroethane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	107-13-1	Acrylonitrile	< 50	50
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	108-05-4	Vinyl acetate	< 100	100
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	108-10-1	4-Methyl-2-pentanone	220	220
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	108-67-8	1,3,5-Trimethylbenzene	40	40
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	108-86-1	Bromobenzene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	108-88-3	Toluene	5800	5800
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	108-90-7	Chlorobenzene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	120-82-1	1,2,4-Trichlorobenzene	< 50	50

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	124-48-1	Dibromochloromethane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	127-18-4	Tetrachloroethene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	1330-20-7	Xylenes, total	1700	1700
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	135-98-8	sec-Butylbenzene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	142-28-9	1,3-Dichloropropane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	156-59-2	Cis-1,2-Dichloroethene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	156-60-5	Trans-1,2-Dichloroethene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	1634-04-4	Methyl tert-butyl ether	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	179601-23-1	m- & p-Xylenes	1200	1200
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	541-73-1	1,3-Dichlorobenzene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	56-23-5	Carbon tetrachloride	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	563-58-6	1,1-Dichloropropene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	591-78-6	2-Hexanone	180	180
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	594-20-7	2,2-Dichloropropane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	630-20-6	1,1,1,2-Tetrachloroethane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	67-66-3	Chloroform	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	71-43-2	Benzene	5700	5700
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	71-55-6	1,1,1-Trichloroethane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	74-83-9	Bromomethane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	74-87-3	Chloromethane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	74-95-3	Dibromomethane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	74-97-5	Bromochloromethane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	75-00-3	Chloroethane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	75-01-4	Vinyl chloride	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	75-09-2	Methylene chloride	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	75-15-0	Carbon disulfide	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	75-25-2	Bromoform	< 100	100
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	75-27-4	Bromodichloromethane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	75-34-3	1,1-Dichloroethane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	75-35-4	1,1-Dichloroethene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	75-69-4	Trichlorofluoromethane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	75-71-8	Dichlorodifluoromethane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	78-87-5	1,2-Dichloropropane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	78-93-3	2-Butanone	< 50	50
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	79-00-5	1,1,2-Trichloroethane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	79-01-6	Trichloroethene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	79-34-5	1,1,2,2-Tetrachloroethane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	87-61-6	1,2,3-Trichlorobenzene	< 50	50
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	87-68-3	Hexachloro-1,3-butadiene	< 200	200
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	91-20-3	Naphthalene	72	72
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	95-47-6	o-Xylene	520	520
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	95-49-8	2-Chlorotoluene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	95-50-1	1,2-Dichlorobenzene	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	95-63-6	1,2,4-Trimethylbenzene	110	110
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	96-12-8	1,2-Dibromo-3-chloropropane	< 50	50
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	96-18-4	1,2,3-Trichloropropane	< 25	25
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	98-06-6	tert-Butylbenzene	< 50	50
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	98-82-8	Isopropylbenzene	280	280
KAFB-106014	GW014-604	11/12/2020	N	INITIAL	50	NONE	410-18906-1	99-87-6	4-Isopropyltoluene	39	39
KAFB-106006	GW006-204	11/18/2020	N	INITIAL	5	NONE	410-18906-1	14808-79-8	Sulfate	3.0	3
KAFB-106006	GW006-204	11/18/2020	N	INITIAL	5	NONE	410-18906-1	16887-00-6	Chloride	10	10
KAFB-106006	GW006-204	11/18/2020	N	INITIAL	5	NONE	410-18906-1	24959-67-9	Bromide	< 2.0	2
KAFB-106006	GW006-204	11/18/2020	N	INITIAL	1	NONE	410-18906-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106006	GW006-204	11/4/2020	N	INITIAL	1	NONE	410-18906-1	ALK	Alkalinity, total (as CaCO3)	260	260
KAFB-106006	GW006-204	11/4/2020	N	INITIAL	1	NONE	410-18906-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	260	260

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106006	GW006-204	11/4/2020	N	INITIAL	1	NONE	410-18906-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106006	GW006-204	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7439-95-4	Magnesium	22	22
KAFB-106006	GW006-204	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7440-23-5	Sodium	73	73
KAFB-106006	GW006-204	11/2/2020	T	INITIAL	1	SW3005	410-18906-1	7440-70-2	Calcium	68	68
KAFB-106006	GW006-204	11/3/2020	D	INITIAL	1	METHOD	410-18906-1	7439-89-6	Iron	0.20	0.2
KAFB-106006	GW006-204	11/10/2020	D	INITIAL	1	METHOD	410-18906-1	7439-96-5	Manganese	1.2	1.2
KAFB-106006	GW006-204	11/19/2020	T	INITIAL	1	SW3005	410-18906-1	7440-09-7	Potassium	2.7	2.7
KAFB-106006	GW006-204	11/4/2020	T	INITIAL	1	SW3005	410-18906-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106006	GW006-204	11/4/2020	T	INITIAL	1	SW3005	410-18906-1	7440-38-2	Arsenic	0.0017	0.0017
KAFB-106006	GW006-204	11/9/2020	N	INITIAL	1	METHOD	410-18906-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	100-41-4	Ethylbenzene	4.0	4
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	103-65-1	n-Propylbenzene	3.0	3
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	104-51-8	n-Butylbenzene	0.37	0.37
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	107-02-8	Acrolein	< 5.0	5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	107-06-2	1,2-Dichloroethane	2.4	2.4
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-67-8	1,3,5-Trimethylbenzene	0.41	0.41
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-88-3	Toluene	4.3	4.3
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	1330-20-7	Xylenes, total	11	11
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	135-98-8	sec-Butylbenzene	1.0	1
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	1634-04-4	Methyl tert-butyl ether	0.90	0.9
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	179601-23-1	m- & p-Xylenes	6.7	6.7
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	67-64-1	Acetone	< 20	20
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	71-43-2	Benzene	6.5	6.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-09-2	Methylene chloride	< 0.50	0.5

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-25-2	Bromoform	< 2.0	2
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	78-93-3	2-Butanone	1.4	1.4
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	95-47-6	o-Xylene	4.2	4.2
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	98-82-8	Isopropylbenzene	13	13
KAFB-106006	GW006-204	11/10/2020	N	INITIAL	1	NONE	410-18906-1	99-87-6	4-Isopropyltoluene	1.2	1.2
KAFB-106076	GW076-204	11/18/2020	N	INITIAL	5	NONE	410-19107-1	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106076	GW076-204	11/18/2020	N	INITIAL	5	NONE	410-19107-1	16887-00-6	Chloride	28	28
KAFB-106076	GW076-204	11/18/2020	N	INITIAL	5	NONE	410-19107-1	24959-67-9	Bromide	1.6	1.6
KAFB-106076	GW076-204	11/18/2020	N	INITIAL	1	NONE	410-19107-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106076	GW076-204	11/3/2020	N	INITIAL	1	NONE	410-19107-1	ALK	Alkalinity, total (as CaCO3)	510	510
KAFB-106076	GW076-204	11/3/2020	N	INITIAL	1	NONE	410-19107-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	510	510
KAFB-106076	GW076-204	11/3/2020	N	INITIAL	1	NONE	410-19107-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106076	GW076-204	11/3/2020	T	INITIAL	1	SW3005	410-19107-1	7439-95-4	Magnesium	25	25
KAFB-106076	GW076-204	11/3/2020	T	INITIAL	1	SW3005	410-19107-1	7440-09-7	Potassium	4.3	4.3
KAFB-106076	GW076-204	11/3/2020	T	INITIAL	1	SW3005	410-19107-1	7440-23-5	Sodium	39	39
KAFB-106076	GW076-204	11/3/2020	T	INITIAL	1	SW3005	410-19107-1	7440-70-2	Calcium	170	170
KAFB-106076	GW076-204	11/3/2020	D	INITIAL	1	METHOD	410-19107-1	7439-89-6	Iron	5.8	5.8
KAFB-106076	GW076-204	11/10/2020	D	INITIAL	1	METHOD	410-19107-1	7439-96-5	Manganese	4.3	4.3
KAFB-106076	GW076-204	11/11/2020	T	INITIAL	1	SW3005	410-19107-1	7439-92-1	Lead	0.00057	0.00057
KAFB-106076	GW076-204	11/11/2020	T	INITIAL	1	SW3005	410-19107-1	7440-38-2	Arsenic	0.00095	0.00095
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	5	METHOD	410-19107-1	106-93-4	1,2-Dibromoethane	< 0.096	0.096
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	100-41-4	Ethylbenzene	67	67
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	103-65-1	n-Propylbenzene	13	13
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	104-51-8	n-Butylbenzene	1.9	1.9
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	107-02-8	Acrolein	< 5.0	5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-10-1	4-Methyl-2-pentanone	220	220
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-67-8	1,3,5-Trimethylbenzene	11	11

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-88-3	Toluene	9.8	9.8
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	1330-20-7	Xylenes, total	150	150
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	135-98-8	sec-Butylbenzene	3.7	3.7
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	1634-04-4	Methyl tert-butyl ether	0.28	0.28
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	179601-23-1	m- & p-Xylenes	130	130
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	591-78-6	2-Hexanone	400	400
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	67-64-1	Acetone	53	53
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	71-43-2	Benzene	16	16
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-25-2	Bromoform	< 2.0	2
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	78-93-3	2-Butanone	9.9	9.9
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	91-20-3	Naphthalene	20	20
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	95-47-6	o-Xylene	17	17
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	95-63-6	1,2,4-Trimethylbenzene	47	47
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	98-82-8	Isopropylbenzene	13	13
KAFB-106076	GW076-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	99-87-6	4-Isopropyltoluene	3.3	3.3
KAFB-106076	GW076-604	11/18/2020	N	INITIAL	5	NONE	410-19107-1	14808-79-8	Sulfate	2.2	2.2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106076	GW076-604	11/18/2020	N	INITIAL	5	NONE	410-19107-1	16887-00-6	Chloride	28	28
KAFB-106076	GW076-604	11/18/2020	N	INITIAL	5	NONE	410-19107-1	24959-67-9	Bromide	1.5	1.5
KAFB-106076	GW076-604	11/18/2020	N	INITIAL	1	NONE	410-19107-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106076	GW076-604	11/3/2020	N	INITIAL	1	NONE	410-19107-1	ALK	Alkalinity, total (as CaCO3)	500	500
KAFB-106076	GW076-604	11/3/2020	N	INITIAL	1	NONE	410-19107-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	500	500
KAFB-106076	GW076-604	11/3/2020	N	INITIAL	1	NONE	410-19107-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106076	GW076-604	11/3/2020	T	INITIAL	1	SW3005	410-19107-1	7439-95-4	Magnesium	24	24
KAFB-106076	GW076-604	11/3/2020	T	INITIAL	1	SW3005	410-19107-1	7440-09-7	Potassium	4.2	4.2
KAFB-106076	GW076-604	11/3/2020	T	INITIAL	1	SW3005	410-19107-1	7440-23-5	Sodium	38	38
KAFB-106076	GW076-604	11/3/2020	T	INITIAL	1	SW3005	410-19107-1	7440-70-2	Calcium	170	170
KAFB-106076	GW076-604	11/3/2020	D	INITIAL	1	METHOD	410-19107-1	7439-89-6	Iron	5.8	5.8
KAFB-106076	GW076-604	11/10/2020	D	INITIAL	1	METHOD	410-19107-1	7439-96-5	Manganese	4.3	4.3
KAFB-106076	GW076-604	11/10/2020	T	INITIAL	1	SW3005	410-19107-1	7440-38-2	Arsenic	0.00078	0.00078
KAFB-106076	GW076-604	11/11/2020	T	INITIAL	1	SW3005	410-19107-1	7439-92-1	Lead	0.00053	0.00053
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	5	METHOD	410-19107-1	106-93-4	1,2-Dibromoethane	< 0.096	0.096
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	100-41-4	Ethylbenzene	68	68
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	103-65-1	n-Propylbenzene	14	14
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	104-51-8	n-Butylbenzene	1.8	1.8
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	107-02-8	Acrolein	< 5.0	5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-10-1	4-Methyl-2-pentanone	220	220
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-67-8	1,3,5-Trimethylbenzene	11	11
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-88-3	Toluene	10	10
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	1330-20-7	Xylenes, total	150	150
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	135-98-8	sec-Butylbenzene	3.6	3.6
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	1634-04-4	Methyl tert-butyl ether	0.27	0.27
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	179601-23-1	m- & p-Xylenes	130	130
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	591-78-6	2-Hexanone	410	410
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	67-64-1	Acetone	48	48
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	71-43-2	Benzene	17	17
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	74-87-3	Chloromethane	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-25-2	Bromoform	< 2.0	2
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	78-93-3	2-Butanone	10	10
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	91-20-3	Naphthalene	20	20
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	95-47-6	o-Xylene	17	17
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	95-63-6	1,2,4-Trimethylbenzene	47	47
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	98-82-8	Isopropylbenzene	13	13
KAFB-106076	GW076-604	11/10/2020	N	INITIAL	1	NONE	410-19107-1	99-87-6	4-Isopropyltoluene	3.2	3.2
KAFB-106001	GW001-204	11/18/2020	N	INITIAL	5	NONE	410-19107-1	14808-79-8	Sulfate	25	25
KAFB-106001	GW001-204	11/18/2020	N	INITIAL	5	NONE	410-19107-1	16887-00-6	Chloride	7.0	7
KAFB-106001	GW001-204	11/18/2020	N	INITIAL	5	NONE	410-19107-1	24959-67-9	Bromide	< 2.0	2
KAFB-106001	GW001-204	11/18/2020	N	INITIAL	1	NONE	410-19107-1	NNN	Nitrogen as nitrate + nitrite	0.12	0.12
KAFB-106001	GW001-204	11/3/2020	N	INITIAL	1	NONE	410-19107-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106001	GW001-204	11/3/2020	N	INITIAL	1	NONE	410-19107-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106001	GW001-204	11/3/2020	N	INITIAL	1	NONE	410-19107-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106001	GW001-204	11/3/2020	T	INITIAL	1	SW3005	410-19107-1	7440-09-7	Potassium	2.4	2.4
KAFB-106001	GW001-204	11/3/2020	T	INITIAL	1	SW3005	410-19107-1	7440-23-5	Sodium	22	22
KAFB-106001	GW001-204	11/3/2020	T	INITIAL	1	SW3005	410-19107-1	7440-70-2	Calcium	39	39
KAFB-106001	GW001-204	11/3/2020	D	INITIAL	1	METHOD	410-19107-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106001	GW001-204	11/10/2020	D	INITIAL	1	METHOD	410-19107-1	7439-96-5	Manganese	0.0063	0.0063
KAFB-106001	GW001-204	11/15/2020	T	INITIAL	1	SW3005	410-19107-1	7439-95-4	Magnesium	5.7	5.7
KAFB-106001	GW001-204	11/11/2020	T	INITIAL	1	SW3005	410-19107-1	7439-92-1	Lead	0.00013	0.00013
KAFB-106001	GW001-204	11/11/2020	T	INITIAL	1	SW3005	410-19107-1	7440-38-2	Arsenic	0.0015	0.0015
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	5	METHOD	410-19107-1	106-93-4	1,2-Dibromoethane	0.65	0.65
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	100-41-4	Ethylbenzene	0.79	0.79
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	103-65-1	n-Propylbenzene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	106-93-4	1,2-Dibromoethane	0.44	0.44
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	107-02-8	Acrolein	< 5.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	107-06-2	1,2-Dichloroethane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-88-3	Toluene	20	20
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	1330-20-7	Xylenes, total	4.4	4.4
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	135-98-8	sec-Butylbenzene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	179601-23-1	m- & p-Xylenes	2.8	2.8
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	67-64-1	Acetone	6.1	6.1
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	71-43-2	Benzene	3.9	3.9
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-25-2	Bromoform	< 2.0	2
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	78-93-3	2-Butanone	0.82	0.82
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	91-20-3	Naphthalene	< 2.0	2
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	95-47-6	o-Xylene	1.6	1.6
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1

Table D-1-2
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well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	98-06-6	tert-Butylbenzene	< 1.0	1
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	98-82-8	Isopropylbenzene	< 0.50	0.5
KAFB-106001	GW001-204	11/10/2020	N	INITIAL	1	NONE	410-19107-1	99-87-6	4-Isopropyltoluene	< 0.50	0.5
KAFB-106079	GW079-204	11/18/2020	N	INITIAL	5	NONE	410-19107-1	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106079	GW079-204	11/18/2020	N	INITIAL	5	NONE	410-19107-1	24959-67-9	Bromide	2.4	2.4
KAFB-106079	GW079-204	11/18/2020	N	INITIAL	50	NONE	410-19107-1	16887-00-6	Chloride	150	150
KAFB-106079	GW079-204	11/18/2020	N	INITIAL	1	NONE	410-19107-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106079	GW079-204	11/3/2020	N	INITIAL	1	NONE	410-19107-1	ALK	Alkalinity, total (as CaCO3)	420	420
KAFB-106079	GW079-204	11/3/2020	N	INITIAL	1	NONE	410-19107-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	420	420
KAFB-106079	GW079-204	11/3/2020	N	INITIAL	1	NONE	410-19107-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106079	GW079-204	11/3/2020	T	INITIAL	1	SW3005	410-19107-1	7439-95-4	Magnesium	29	29
KAFB-106079	GW079-204	11/3/2020	T	INITIAL	1	SW3005	410-19107-1	7440-09-7	Potassium	4.2	4.2
KAFB-106079	GW079-204	11/3/2020	T	INITIAL	1	SW3005	410-19107-1	7440-23-5	Sodium	47	47
KAFB-106079	GW079-204	11/3/2020	T	INITIAL	1	SW3005	410-19107-1	7440-70-2	Calcium	160	160
KAFB-106079	GW079-204	11/3/2020	D	INITIAL	1	METHOD	410-19107-1	7439-89-6	Iron	5.1	5.1
KAFB-106079	GW079-204	11/10/2020	D	INITIAL	1	METHOD	410-19107-1	7439-96-5	Manganese	6.5	6.5
KAFB-106079	GW079-204	11/10/2020	T	INITIAL	1	SW3005	410-19107-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106079	GW079-204	11/11/2020	T	INITIAL	1	SW3005	410-19107-1	7439-92-1	Lead	0.0012	0.0012
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	1	METHOD	410-19107-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	100-41-4	Ethylbenzene	490	490
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	100-42-5	Styrene	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	10061-01-5	Cis-1,3-dichloropropene	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	10061-02-6	Trans-1,3-dichloropropene	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	103-65-1	n-Propylbenzene	23	23
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	104-51-8	n-Butylbenzene	1.7	1.7
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	106-43-4	4-Chlorotoluene	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	106-46-7	1,4-Dichlorobenzene	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	106-93-4	1,2-Dibromoethane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	107-02-8	Acrolein	< 25	25
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	107-06-2	1,2-Dichloroethane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	107-13-1	Acrylonitrile	< 5.0	5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	108-05-4	Vinyl acetate	< 10	10
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	108-10-1	4-Methyl-2-pentanone	11	11
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	108-67-8	1,3,5-Trimethylbenzene	23	23
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	108-86-1	Bromobenzene	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	108-88-3	Toluene	340	340
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	108-90-7	Chlorobenzene	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	120-82-1	1,2,4-Trichlorobenzene	< 5.0	5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	124-48-1	Dibromochloromethane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	127-18-4	Tetrachloroethene	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	1330-20-7	Xylenes, total	430	430
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	135-98-8	sec-Butylbenzene	5.1	5.1
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	142-28-9	1,3-Dichloropropane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	156-59-2	Cis-1,2-Dichloroethene	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	156-60-5	Trans-1,2-Dichloroethene	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	1634-04-4	Methyl tert-butyl ether	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	179601-23-1	m- & p-Xylenes	400	400
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	541-73-1	1,3-Dichlorobenzene	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	56-23-5	Carbon tetrachloride	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	563-58-6	1,1-Dichloropropene	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	591-78-6	2-Hexanone	< 5.0	5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	594-20-7	2,2-Dichloropropane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	630-20-6	1,1,1,2-Tetrachloroethane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	67-64-1	Acetone	13	13

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	67-66-3	Chloroform	1.6	1.6
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	71-55-6	1,1,1-Trichloroethane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	74-83-9	Bromomethane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	74-87-3	Chloromethane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	74-95-3	Dibromomethane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	74-97-5	Bromochloromethane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	75-00-3	Chloroethane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	75-01-4	Vinyl chloride	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	75-09-2	Methylene chloride	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	75-15-0	Carbon disulfide	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	75-25-2	Bromoform	< 10	10
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	75-27-4	Bromodichloromethane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	75-34-3	1,1-Dichloroethane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	75-35-4	1,1-Dichloroethene	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	75-69-4	Trichlorofluoromethane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	75-71-8	Dichlorodifluoromethane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	78-87-5	1,2-Dichloropropane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	78-93-3	2-Butanone	< 5.0	5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	79-00-5	1,1,2-Trichloroethane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	79-01-6	Trichloroethene	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	79-34-5	1,1,2,2-Tetrachloroethane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	87-61-6	1,2,3-Trichlorobenzene	< 5.0	5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	87-68-3	Hexachloro-1,3-butadiene	< 20	20
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	91-20-3	Naphthalene	44	44
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	95-47-6	o-Xylene	26	26
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	95-49-8	2-Chlorotoluene	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	95-50-1	1,2-Dichlorobenzene	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	95-63-6	1,2,4-Trimethylbenzene	100	100
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	96-12-8	1,2-Dibromo-3-chloropropane	< 5.0	5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	96-18-4	1,2,3-Trichloropropane	< 2.5	2.5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	98-06-6	tert-Butylbenzene	< 5.0	5
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	98-82-8	Isopropylbenzene	31	31
KAFB-106079	GW079-204	11/10/2020	N	INITIAL	5	NONE	410-19107-1	99-87-6	4-Isopropyltoluene	8.9	8.9
KAFB-106079	GW079-204	11/10/2020	N	REANALYSIS	50	NONE	410-19107-1	71-43-2	Benzene	5400	5400
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	5	NONE	410-22058-1	14808-79-8	Sulfate	54	54
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	5	NONE	410-22058-1	24959-67-9	Bromide	2.2	2.2
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	50	NONE	410-22058-1	16887-00-6	Chloride	160	160
KAFB-106080	GW080-204	12/7/2020	N	INITIAL	1	NONE	410-22058-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106080	GW080-204	12/1/2020	N	INITIAL	1	NONE	410-22058-1	ALK	Alkalinity, total (as CaCO3)	260	260
KAFB-106080	GW080-204	12/1/2020	N	INITIAL	1	NONE	410-22058-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	260	260
KAFB-106080	GW080-204	12/1/2020	N	INITIAL	1	NONE	410-22058-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106080	GW080-204	12/2/2020	D	INITIAL	1	METHOD	410-22058-1	7439-89-6	Iron	2.7	2.7
KAFB-106080	GW080-204	12/2/2020	D	INITIAL	1	METHOD	410-22058-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106080	GW080-204	12/3/2020	T	INITIAL	1	SW3005	410-22058-1	7439-95-4	Magnesium	22	22
KAFB-106080	GW080-204	12/3/2020	T	INITIAL	1	SW3005	410-22058-1	7440-23-5	Sodium	42	42
KAFB-106080	GW080-204	12/3/2020	T	INITIAL	1	SW3005	410-22058-1	7440-70-2	Calcium	120	120
KAFB-106080	GW080-204	12/4/2020	T	INITIAL	1	SW3005	410-22058-1	7440-09-7	Potassium	3.6	3.6
KAFB-106080	GW080-204	11/30/2020	T	INITIAL	1	SW3005	410-22058-1	7439-92-1	Lead	< 0.00050	0.0005
KAFB-106080	GW080-204	11/30/2020	T	INITIAL	1	SW3005	410-22058-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106080	GW080-204	12/4/2020	N	INITIAL	1	METHOD	410-22058-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	100-41-4	Ethylbenzene	5.9	5.9
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	100-42-5	Styrene	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	10061-01-5	Cis-1,3-dichloropropene	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	10061-02-6	Trans-1,3-dichloropropene	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	103-65-1	n-Propylbenzene	0.35	0.35

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	104-51-8	n-Butylbenzene	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	106-43-4	4-Chlorotoluene	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	106-46-7	1,4-Dichlorobenzene	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	106-93-4	1,2-Dibromoethane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	107-02-8	Acrolein	< 5.0	5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	107-06-2	1,2-Dichloroethane	2.7	2.7
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	107-13-1	Acrylonitrile	< 1.0	1
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	108-05-4	Vinyl acetate	< 2.0	2
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	108-10-1	4-Methyl-2-pentanone	< 1.0	1
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	108-67-8	1,3,5-Trimethylbenzene	< 1.0	1
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	108-86-1	Bromobenzene	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	108-88-3	Toluene	< 1.0	1
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	108-90-7	Chlorobenzene	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	120-82-1	1,2,4-Trichlorobenzene	< 1.0	1
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	124-48-1	Dibromochloromethane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	127-18-4	Tetrachloroethene	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	1330-20-7	Xylenes, total	1.5	1.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	135-98-8	sec-Butylbenzene	1.1	1.1
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	142-28-9	1,3-Dichloropropane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	156-59-2	Cis-1,2-Dichloroethene	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	156-60-5	Trans-1,2-Dichloroethene	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	1634-04-4	Methyl tert-butyl ether	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	179601-23-1	m- & p-Xylenes	< 2.0	2
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	541-73-1	1,3-Dichlorobenzene	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	56-23-5	Carbon tetrachloride	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	563-58-6	1,1-Dichloropropene	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	591-78-6	2-Hexanone	< 1.0	1
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	594-20-7	2,2-Dichloropropane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	630-20-6	1,1,1,2-Tetrachloroethane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	67-64-1	Acetone	< 2.0	2
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	67-66-3	Chloroform	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	71-43-2	Benzene	82	82
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	71-55-6	1,1,1-Trichloroethane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	74-83-9	Bromomethane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	74-87-3	Chloromethane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	74-95-3	Dibromomethane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	74-97-5	Bromochloromethane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	75-00-3	Chloroethane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	75-01-4	Vinyl chloride	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	75-09-2	Methylene chloride	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	75-15-0	Carbon disulfide	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	75-25-2	Bromoform	< 2.0	2
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	75-27-4	Bromodichloromethane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	75-34-3	1,1-Dichloroethane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	75-35-4	1,1-Dichloroethene	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	75-69-4	Trichlorofluoromethane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	75-71-8	Dichlorodifluoromethane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	78-87-5	1,2-Dichloropropane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	78-93-3	2-Butanone	< 1.0	1
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	79-00-5	1,1,2-Trichloroethane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	79-01-6	Trichloroethene	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	79-34-5	1,1,2,2-Tetrachloroethane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	87-61-6	1,2,3-Trichlorobenzene	< 1.0	1
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	87-68-3	Hexachloro-1,3-butadiene	< 4.0	4
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	91-20-3	Naphthalene	< 2.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	95-47-6	o-Xylene	1.5	1.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	95-49-8	2-Chlorotoluene	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	95-50-1	1,2-Dichlorobenzene	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	95-63-6	1,2,4-Trimethylbenzene	< 2.0	2
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	96-12-8	1,2-Dibromo-3-chloropropane	< 1.0	1
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	96-18-4	1,2,3-Trichloropropane	< 0.50	0.5
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	98-06-6	tert-Butylbenzene	0.35	0.35
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	98-82-8	Isopropylbenzene	1.1	1.1
KAFB-106080	GW080-204	12/6/2020	N	INITIAL	1	NONE	410-22058-1	99-87-6	4-Isopropyltoluene	0.23	0.23
KAFB-106218	GW218-211	1/8/2021	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106218	GW218-611	1/8/2021	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106217	GW217-211	1/8/2021	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106216	GW216-211	1/11/2021	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106224	GW224-211	1/8/2021	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106223	GW223-211	1/11/2021	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106222	GW222-211	1/11/2021	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106207	GW207-211	1/11/2021	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106208	GW208-211	1/11/2021	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106209	GW209-211	1/11/2021	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106205	GW205-211	1/11/2021	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	0.014	0.014
KAFB-106204	GW204-211	1/11/2021	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106204	GW204-611	1/11/2021	N	INITIAL	1	METHOD	410-25437-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106242-418	GW242-418-211	1/8/2021	N	INITIAL	50	NONE	410-25516-1	14808-79-8	Sulfate	150	150
KAFB-106242-418	GW242-418-211	1/8/2021	N	INITIAL	50	NONE	410-25516-1	16887-00-6	Chloride	200	200
KAFB-106242-418	GW242-418-211	1/8/2021	N	INITIAL	500	NONE	410-25516-1	24959-67-9	Bromide	< 200	200
KAFB-106242-418	GW242-418-211	1/8/2021	N	INITIAL	5	NONE	410-25516-1	NNN	Nitrogen as nitrate + nitrite	6.4	6.4
KAFB-106242-418	GW242-418-211	1/8/2021	N	INITIAL	1	NONE	410-25516-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106242-418	GW242-418-211	1/8/2021	N	INITIAL	1	NONE	410-25516-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106242-418	GW242-418-211	1/8/2021	N	INITIAL	1	NONE	410-25516-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106242-418	GW242-418-211	1/8/2021	D	INITIAL	1	METHOD	410-25516-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106242-418	GW242-418-211	1/8/2021	D	INITIAL	1	METHOD	410-25516-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106242-418	GW242-418-211	1/11/2021	T	INITIAL	1	SW3005	410-25516-1	7439-95-4	Magnesium	24	24
KAFB-106242-418	GW242-418-211	1/11/2021	T	INITIAL	1	SW3005	410-25516-1	7440-09-7	Potassium	5.0	5
KAFB-106242-418	GW242-418-211	1/11/2021	T	INITIAL	1	SW3005	410-25516-1	7440-23-5	Sodium	49	49
KAFB-106242-418	GW242-418-211	1/11/2021	T	INITIAL	1	SW3005	410-25516-1	7440-70-2	Calcium	160	160
KAFB-106242-418	GW242-418-211	1/7/2021	T	INITIAL	1	SW3005	410-25516-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106242-418	GW242-418-211	1/7/2021	T	INITIAL	1	SW3005	410-25516-1	7440-38-2	Arsenic	0.00084	0.00084
KAFB-106242-418	GW242-418-211	1/12/2021	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106031	GW031-211	1/12/2021	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106030	GW030-211	1/12/2021	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106029	GW029-211	1/12/2021	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106232	GW232-211	1/12/2021	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106231	GW231-211	1/12/2021	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106206	GW206-211	1/12/2021	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106236-436	GW236-436-211	1/12/2021	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106236-436	GW236-436-611	1/12/2021	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106236-470	GW236-470-211	1/12/2021	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106236-499	GW236-499-211	1/12/2021	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106235-438	GW235-438-211	1/8/2021	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106235-472	GW235-472-211	1/8/2021	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106235-501	GW235-501-211	1/12/2021	N	INITIAL	1	METHOD	410-25516-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106203	GW203-211	1/11/2021	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106202	GW202-211	1/11/2021	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106201	GW201-211	1/11/2021	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106033	GW033-211	1/13/2021	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106034	GW034-211	1/13/2021	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106032	GW032-211	1/13/2021	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106049	GW049-211	1/13/2021	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106051	GW051-211	1/13/2021	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106050	GW050-211	1/13/2021	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106041	GW041-211	1/11/2021	N	INITIAL	5	NONE	410-25683-1	24959-67-9	Bromide	< 2.5	2.5
KAFB-106041	GW041-211	1/13/2021	N	INITIAL	20	NONE	410-25683-1	14808-79-8	Sulfate	83	83
KAFB-106041	GW041-211	1/13/2021	N	INITIAL	20	NONE	410-25683-1	16887-00-6	Chloride	38	38
KAFB-106041	GW041-211	1/8/2021	N	INITIAL	1	NONE	410-25683-1	NNN	Nitrogen as nitrate + nitrite	0.87	0.87
KAFB-106041	GW041-211	1/8/2021	N	INITIAL	1	NONE	410-25683-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106041	GW041-211	1/8/2021	N	INITIAL	1	NONE	410-25683-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106041	GW041-211	1/8/2021	N	INITIAL	1	NONE	410-25683-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106041	GW041-211	1/8/2021	D	INITIAL	1	METHOD	410-25683-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106041	GW041-211	1/8/2021	D	INITIAL	1	METHOD	410-25683-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106041	GW041-211	1/11/2021	T	INITIAL	1	SW3005	410-25683-1	7439-95-4	Magnesium	8.2	8.2
KAFB-106041	GW041-211	1/11/2021	T	INITIAL	1	SW3005	410-25683-1	7440-09-7	Potassium	3.3	3.3
KAFB-106041	GW041-211	1/11/2021	T	INITIAL	1	SW3005	410-25683-1	7440-23-5	Sodium	28	28
KAFB-106041	GW041-211	1/11/2021	T	INITIAL	1	SW3005	410-25683-1	7440-70-2	Calcium	59	59
KAFB-106041	GW041-211	1/8/2021	T	INITIAL	1	SW3005	410-25683-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106041	GW041-211	1/8/2021	T	INITIAL	1	SW3005	410-25683-1	7440-38-2	Arsenic	0.00082	0.00082
KAFB-106041	GW041-211	1/13/2021	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	0.098	0.098
KAFB-106230	GW230-211	1/11/2021	N	INITIAL	5	NONE	410-25683-1	14808-79-8	Sulfate	49	49
KAFB-106230	GW230-211	1/11/2021	N	INITIAL	5	NONE	410-25683-1	16887-00-6	Chloride	27	27
KAFB-106230	GW230-211	1/11/2021	N	INITIAL	5	NONE	410-25683-1	24959-67-9	Bromide	< 2.0	2
KAFB-106230	GW230-211	1/8/2021	N	INITIAL	1	NONE	410-25683-1	NNN	Nitrogen as nitrate + nitrite	0.65	0.65
KAFB-106230	GW230-211	1/8/2021	N	INITIAL	1	NONE	410-25683-1	ALK	Alkalinity, total (as CaCO3)	93	93
KAFB-106230	GW230-211	1/8/2021	N	INITIAL	1	NONE	410-25683-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	93	93
KAFB-106230	GW230-211	1/8/2021	N	INITIAL	1	NONE	410-25683-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106230	GW230-211	1/8/2021	D	INITIAL	1	METHOD	410-25683-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106230	GW230-211	1/8/2021	D	INITIAL	1	METHOD	410-25683-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106230	GW230-211	1/11/2021	T	INITIAL	1	SW3005	410-25683-1	7439-95-4	Magnesium	5.7	5.7
KAFB-106230	GW230-211	1/11/2021	T	INITIAL	1	SW3005	410-25683-1	7440-09-7	Potassium	2.5	2.5
KAFB-106230	GW230-211	1/11/2021	T	INITIAL	1	SW3005	410-25683-1	7440-23-5	Sodium	22	22
KAFB-106230	GW230-211	1/11/2021	T	INITIAL	1	SW3005	410-25683-1	7440-70-2	Calcium	40	40
KAFB-106230	GW230-211	1/8/2021	T	INITIAL	1	SW3005	410-25683-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106230	GW230-211	1/8/2021	T	INITIAL	1	SW3005	410-25683-1	7440-38-2	Arsenic	0.0010	0.001
KAFB-106230	GW230-211	1/13/2021	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106241-428	GW241-428-211	1/11/2021	N	INITIAL	5	NONE	410-25683-1	14808-79-8	Sulfate	43	43
KAFB-106241-428	GW241-428-211	1/11/2021	N	INITIAL	5	NONE	410-25683-1	24959-67-9	Bromide	< 2.5	2.5
KAFB-106241-428	GW241-428-211	1/13/2021	N	INITIAL	20	NONE	410-25683-1	16887-00-6	Chloride	28	28
KAFB-106241-428	GW241-428-211	1/8/2021	N	INITIAL	1	NONE	410-25683-1	NNN	Nitrogen as nitrate + nitrite	0.076	0.076
KAFB-106241-428	GW241-428-211	1/8/2021	N	INITIAL	1	NONE	410-25683-1	ALK	Alkalinity, total (as CaCO3)	160	160
KAFB-106241-428	GW241-428-211	1/8/2021	N	INITIAL	1	NONE	410-25683-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	160	160
KAFB-106241-428	GW241-428-211	1/8/2021	N	INITIAL	1	NONE	410-25683-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106241-428	GW241-428-211	1/8/2021	D	INITIAL	1	METHOD	410-25683-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106241-428	GW241-428-211	1/8/2021	D	INITIAL	1	METHOD	410-25683-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106241-428	GW241-428-211	1/11/2021	T	INITIAL	1	SW3005	410-25683-1	7439-95-4	Magnesium	7.0	7
KAFB-106241-428	GW241-428-211	1/11/2021	T	INITIAL	1	SW3005	410-25683-1	7440-09-7	Potassium	2.7	2.7
KAFB-106241-428	GW241-428-211	1/11/2021	T	INITIAL	1	SW3005	410-25683-1	7440-23-5	Sodium	27	27
KAFB-106241-428	GW241-428-211	1/11/2021	T	INITIAL	1	SW3005	410-25683-1	7440-70-2	Calcium	49	49
KAFB-106241-428	GW241-428-211	1/8/2021	T	INITIAL	1	SW3005	410-25683-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106241-428	GW241-428-211	1/8/2021	T	INITIAL	1	SW3005	410-25683-1	7440-38-2	Arsenic	0.00090	0.0009
KAFB-106241-428	GW241-428-211	1/13/2021	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	0.029	0.029
KAFB-106241-428	GW241-428-611	1/11/2021	N	INITIAL	5	NONE	410-25683-1	14808-79-8	Sulfate	44	44
KAFB-106241-428	GW241-428-611	1/11/2021	N	INITIAL	5	NONE	410-25683-1	24959-67-9	Bromide	< 2.5	2.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106241-428	GW241-428-611	1/13/2021	N	INITIAL	20	NONE	410-25683-1	16887-00-6	Chloride	29	29
KAFB-106241-428	GW241-428-611	1/8/2021	N	INITIAL	1	NONE	410-25683-1	NNN	Nitrogen as nitrate + nitrite	0.32	0.32
KAFB-106241-428	GW241-428-611	1/8/2021	N	INITIAL	1	NONE	410-25683-1	ALK	Alkalinity, total (as CaCO3)	120	120
KAFB-106241-428	GW241-428-611	1/8/2021	N	INITIAL	1	NONE	410-25683-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	120	120
KAFB-106241-428	GW241-428-611	1/8/2021	N	INITIAL	1	NONE	410-25683-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106241-428	GW241-428-611	1/8/2021	D	INITIAL	1	METHOD	410-25683-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106241-428	GW241-428-611	1/8/2021	D	INITIAL	1	METHOD	410-25683-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106241-428	GW241-428-611	1/11/2021	T	INITIAL	1	SW3005	410-25683-1	7439-95-4	Magnesium	6.8	6.8
KAFB-106241-428	GW241-428-611	1/11/2021	T	INITIAL	1	SW3005	410-25683-1	7440-09-7	Potassium	2.7	2.7
KAFB-106241-428	GW241-428-611	1/11/2021	T	INITIAL	1	SW3005	410-25683-1	7440-23-5	Sodium	26	26
KAFB-106241-428	GW241-428-611	1/11/2021	T	INITIAL	1	SW3005	410-25683-1	7440-70-2	Calcium	48	48
KAFB-106241-428	GW241-428-611	1/8/2021	T	INITIAL	1	SW3005	410-25683-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106241-428	GW241-428-611	1/8/2021	T	INITIAL	1	SW3005	410-25683-1	7440-38-2	Arsenic	0.00098	0.00098
KAFB-106241-428	GW241-428-611	1/13/2021	N	INITIAL	1	METHOD	410-25683-1	106-93-4	1,2-Dibromoethane	0.030	0.03
KAFB-106240-449	GW240-449-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	4.3	4.3
KAFB-106240-449	GW240-449-211	1/9/2021	N	INITIAL	50	NONE	410-25765-1	14808-79-8	Sulfate	340	340
KAFB-106240-449	GW240-449-211	1/9/2021	N	INITIAL	50	NONE	410-25765-1	16887-00-6	Chloride	160	160
KAFB-106240-449	GW240-449-211	1/11/2021	N	INITIAL	10	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	6.0	6
KAFB-106240-449	GW240-449-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	81	81
KAFB-106240-449	GW240-449-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	81	81
KAFB-106240-449	GW240-449-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106240-449	GW240-449-211	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106240-449	GW240-449-211	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106240-449	GW240-449-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	30	30
KAFB-106240-449	GW240-449-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	46	46
KAFB-106240-449	GW240-449-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	210	210
KAFB-106240-449	GW240-449-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	4.6	4.6
KAFB-106240-449	GW240-449-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106240-449	GW240-449-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.00093	0.00093
KAFB-106240-449	GW240-449-211	1/13/2021	N	INITIAL	1	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106240-449	GW240-449-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106240-449	GW240-449-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106240-449	GW240-449-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106240-449	GW240-449-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106244-445	GW244-445-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	< 2.0	2
KAFB-106244-445	GW244-445-211	1/9/2021	N	INITIAL	50	NONE	410-25765-1	14808-79-8	Sulfate	250	250
KAFB-106244-445	GW244-445-211	1/9/2021	N	INITIAL	50	NONE	410-25765-1	16887-00-6	Chloride	100	100
KAFB-106244-445	GW244-445-211	1/11/2021	N	INITIAL	5	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	3.5	3.5
KAFB-106244-445	GW244-445-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	99	99
KAFB-106244-445	GW244-445-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	99	99
KAFB-106244-445	GW244-445-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106244-445	GW244-445-211	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106244-445	GW244-445-211	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106244-445	GW244-445-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	21	21
KAFB-106244-445	GW244-445-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	58	58
KAFB-106244-445	GW244-445-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	140	140
KAFB-106244-445	GW244-445-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	4.6	4.6
KAFB-106244-445	GW244-445-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	0.000088	0.000088
KAFB-106244-445	GW244-445-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.0010	0.001
KAFB-106244-445	GW244-445-211	1/13/2021	N	INITIAL	1	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106244-445	GW244-445-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106244-445	GW244-445-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106244-445	GW244-445-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106244-445	GW244-445-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106243-425	GW243-425-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	14808-79-8	Sulfate	38	38

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106243-425	GW243-425-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	16887-00-6	Chloride	17	17
KAFB-106243-425	GW243-425-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	< 2.0	2
KAFB-106243-425	GW243-425-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106243-425	GW243-425-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	150	150
KAFB-106243-425	GW243-425-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	150	150
KAFB-106243-425	GW243-425-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106243-425	GW243-425-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	7.0	7
KAFB-106243-425	GW243-425-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	26	26
KAFB-106243-425	GW243-425-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	51	51
KAFB-106243-425	GW243-425-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	2.5	2.5
KAFB-106243-425	GW243-425-211	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106243-425	GW243-425-211	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106243-425	GW243-425-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	0.000087	0.000087
KAFB-106243-425	GW243-425-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.0012	0.0012
KAFB-106243-425	GW243-425-211	1/13/2021	N	INITIAL	1	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	0.023	0.023
KAFB-106245-460	GW245-460-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	3.5	3.5
KAFB-106245-460	GW245-460-211	1/9/2021	N	INITIAL	50	NONE	410-25765-1	14808-79-8	Sulfate	85	85
KAFB-106245-460	GW245-460-211	1/9/2021	N	INITIAL	50	NONE	410-25765-1	16887-00-6	Chloride	65	65
KAFB-106245-460	GW245-460-211	1/11/2021	N	INITIAL	5	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	11	11
KAFB-106245-460	GW245-460-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106245-460	GW245-460-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106245-460	GW245-460-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106245-460	GW245-460-211	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106245-460	GW245-460-211	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106245-460	GW245-460-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	11	11
KAFB-106245-460	GW245-460-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	29	29
KAFB-106245-460	GW245-460-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	77	77
KAFB-106245-460	GW245-460-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	2.7	2.7
KAFB-106245-460	GW245-460-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106245-460	GW245-460-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.0011	0.0011
KAFB-106245-460	GW245-460-211	1/13/2021	N	INITIAL	1	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106245-460	GW245-460-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106245-460	GW245-460-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106245-460	GW245-460-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106245-460	GW245-460-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	4.1	4.1
KAFB-106S4-446	GWS4-446-211	1/9/2021	N	INITIAL	50	NONE	410-25765-1	14808-79-8	Sulfate	370	370
KAFB-106S4-446	GWS4-446-211	1/9/2021	N	INITIAL	50	NONE	410-25765-1	16887-00-6	Chloride	170	170
KAFB-106S4-446	GWS4-446-211	1/11/2021	N	INITIAL	10	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	6.9	6.9
KAFB-106S4-446	GWS4-446-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	93	93
KAFB-106S4-446	GWS4-446-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	93	93
KAFB-106S4-446	GWS4-446-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S4-446	GWS4-446-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	29	29
KAFB-106S4-446	GWS4-446-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	66	66
KAFB-106S4-446	GWS4-446-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	190	190
KAFB-106S4-446	GWS4-446-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	4.9	4.9
KAFB-106S4-446	GWS4-446-211	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106S4-446	GWS4-446-211	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106S4-446	GWS4-446-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106S4-446	GWS4-446-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.00081	0.00081
KAFB-106S4-446	GWS4-446-211	1/13/2021	N	INITIAL	1	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	0.026	0.026
KAFB-106S4-446	GWS4-446-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106S4-446	GWS4-446-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106S4-446	GWS4-446-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106S4-446	GWS4-446-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	71-43-2	Benzene	< 0.50	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106247-450	GW247-450-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	14808-79-8	Sulfate	33	33
KAFB-106247-450	GW247-450-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	16887-00-6	Chloride	12	12
KAFB-106247-450	GW247-450-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	< 2.0	2
KAFB-106247-450	GW247-450-211	1/11/2021	N	INITIAL	1	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	0.68	0.68
KAFB-106247-450	GW247-450-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	160	160
KAFB-106247-450	GW247-450-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	160	160
KAFB-106247-450	GW247-450-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106247-450	GW247-450-211	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106247-450	GW247-450-211	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106247-450	GW247-450-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	7.0	7
KAFB-106247-450	GW247-450-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	26	26
KAFB-106247-450	GW247-450-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	48	48
KAFB-106247-450	GW247-450-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	2.4	2.4
KAFB-106247-450	GW247-450-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106247-450	GW247-450-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106247-450	GW247-450-211	1/13/2021	N	INITIAL	1	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106247-450	GW247-450-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106247-450	GW247-450-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106247-450	GW247-450-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106247-450	GW247-450-211	1/14/2021	N	INITIAL	1	NONE	410-25765-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106247-450	GW247-450-611	1/9/2021	N	INITIAL	5	NONE	410-25765-1	14808-79-8	Sulfate	29	29
KAFB-106247-450	GW247-450-611	1/9/2021	N	INITIAL	5	NONE	410-25765-1	16887-00-6	Chloride	11	11
KAFB-106247-450	GW247-450-611	1/9/2021	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	< 2.0	2
KAFB-106247-450	GW247-450-611	1/11/2021	N	INITIAL	1	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	0.59	0.59
KAFB-106247-450	GW247-450-611	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	150	150
KAFB-106247-450	GW247-450-611	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	150	150
KAFB-106247-450	GW247-450-611	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106247-450	GW247-450-611	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106247-450	GW247-450-611	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106247-450	GW247-450-611	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	7.3	7.3
KAFB-106247-450	GW247-450-611	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	2.5	2.5
KAFB-106247-450	GW247-450-611	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	27	27
KAFB-106247-450	GW247-450-611	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	51	51
KAFB-106247-450	GW247-450-611	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106247-450	GW247-450-611	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106247-450	GW247-450-611	1/15/2021	N	INITIAL	1	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106247-450	GW247-450-611	1/14/2021	N	INITIAL	1	NONE	410-25765-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106247-450	GW247-450-611	1/14/2021	N	INITIAL	1	NONE	410-25765-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106247-450	GW247-450-611	1/14/2021	N	INITIAL	1	NONE	410-25765-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106247-450	GW247-450-611	1/14/2021	N	INITIAL	1	NONE	410-25765-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106S8-451	GWS8-451-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106S8-451	GWS8-451-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	16887-00-6	Chloride	9.2	9.2
KAFB-106S8-451	GWS8-451-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	2.1	2.1
KAFB-106S8-451	GWS8-451-211	1/11/2021	N	INITIAL	1	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S8-451	GWS8-451-211	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	440	440
KAFB-106S8-451	GWS8-451-211	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	440	440
KAFB-106S8-451	GWS8-451-211	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S8-451	GWS8-451-211	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	3.2	3.2
KAFB-106S8-451	GWS8-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	27	27
KAFB-106S8-451	GWS8-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	41	41
KAFB-106S8-451	GWS8-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	180	180
KAFB-106S8-451	GWS8-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	4.0	4
KAFB-106S8-451	GWS8-451-211	1/14/2021	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	6.0	6
KAFB-106S8-451	GWS8-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	0.000072	0.000072
KAFB-106S8-451	GWS8-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.0044	0.0044

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S8-451	GWS8-451-211	1/15/2021	N	INITIAL	5000	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	350	350
KAFB-106S8-451	GWS8-451-211	1/14/2021	N	INITIAL	10	NONE	410-25765-1	100-41-4	Ethylbenzene	100	100
KAFB-106S8-451	GWS8-451-211	1/14/2021	N	INITIAL	10	NONE	410-25765-1	108-88-3	Toluene	1100	1100
KAFB-106S8-451	GWS8-451-211	1/14/2021	N	INITIAL	10	NONE	410-25765-1	1330-20-7	Xylenes, total	1600	1600
KAFB-106S8-451	GWS8-451-211	1/14/2021	N	REANALYSIS	100	NONE	410-25765-1	71-43-2	Benzene	4800	4800
KAFB-106153-484	GW153-484-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106153-484	GW153-484-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	16887-00-6	Chloride	16	16
KAFB-106153-484	GW153-484-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	1.5	1.5
KAFB-106153-484	GW153-484-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106153-484	GW153-484-211	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	350	350
KAFB-106153-484	GW153-484-211	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	350	350
KAFB-106153-484	GW153-484-211	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106153-484	GW153-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	18	18
KAFB-106153-484	GW153-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	34	34
KAFB-106153-484	GW153-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	120	120
KAFB-106153-484	GW153-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	3.5	3.5
KAFB-106153-484	GW153-484-211	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	1.5	1.5
KAFB-106153-484	GW153-484-211	1/18/2021	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	2.7	2.7
KAFB-106153-484	GW153-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106153-484	GW153-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.0016	0.0016
KAFB-106153-484	GW153-484-211	1/15/2021	N	INITIAL	200	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	27	27
KAFB-106149-484	GW149-484-211	1/10/2021	N	INITIAL	5	NONE	410-25765-1	14808-79-8	Sulfate	< 4.5	4.5
KAFB-106149-484	GW149-484-211	1/10/2021	N	INITIAL	5	NONE	410-25765-1	16887-00-6	Chloride	12	12
KAFB-106149-484	GW149-484-211	1/10/2021	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	< 2.0	2
KAFB-106149-484	GW149-484-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106149-484	GW149-484-211	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	270	270
KAFB-106149-484	GW149-484-211	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	270	270
KAFB-106149-484	GW149-484-211	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106149-484	GW149-484-211	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	270	270
KAFB-106149-484	GW149-484-211	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106149-484	GW149-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	13	13
KAFB-106149-484	GW149-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	30	30
KAFB-106149-484	GW149-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	81	81
KAFB-106149-484	GW149-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	3.5	3.5
KAFB-106149-484	GW149-484-211	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	0.24	0.24
KAFB-106149-484	GW149-484-211	1/18/2021	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	2.5	2.5
KAFB-106149-484	GW149-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	0.00095	0.00095
KAFB-106149-484	GW149-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.0038	0.0038
KAFB-106149-484	GW149-484-211	1/15/2021	N	INITIAL	1000	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	120	120
KAFB-106S1-447	GWS1-447-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	14808-79-8	Sulfate	6.2	6.2
KAFB-106S1-447	GWS1-447-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	16887-00-6	Chloride	19	19
KAFB-106S1-447	GWS1-447-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	2.1	2.1
KAFB-106S1-447	GWS1-447-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S1-447	GWS1-447-211	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	280	280
KAFB-106S1-447	GWS1-447-211	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	280	280
KAFB-106S1-447	GWS1-447-211	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S1-447	GWS1-447-211	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	0.33	0.33
KAFB-106S1-447	GWS1-447-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	15	15
KAFB-106S1-447	GWS1-447-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	3.0	3
KAFB-106S1-447	GWS1-447-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	32	32
KAFB-106S1-447	GWS1-447-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	90	90
KAFB-106S1-447	GWS1-447-211	1/14/2021	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	2.9	2.9
KAFB-106S1-447	GWS1-447-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	0.00032	0.00032
KAFB-106S1-447	GWS1-447-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.0030	0.003
KAFB-106S1-447	GWS1-447-211	1/15/2021	N	INITIAL	1000	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	120	120
KAFB-106S1-447	GWS1-447-211	1/14/2021	N	INITIAL	10	NONE	410-25765-1	100-41-4	Ethylbenzene	500	500
KAFB-106S1-447	GWS1-447-211	1/14/2021	N	INITIAL	10	NONE	410-25765-1	1330-20-7	Xylenes, total	2300	2300

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S1-447	GWS1-447-211	1/14/2021	N	REANALYSIS	100	NONE	410-25765-1	108-88-3	Toluene	5900	5900
KAFB-106S1-447	GWS1-447-211	1/14/2021	N	REANALYSIS	100	NONE	410-25765-1	71-43-2	Benzene	5400	5400
KAFB-106S2-451	GWS2-451-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	14808-79-8	Sulfate	1.7	1.7
KAFB-106S2-451	GWS2-451-211	1/9/2021	N	INITIAL	5	NONE	410-25765-1	24959-67-9	Bromide	3.5	3.5
KAFB-106S2-451	GWS2-451-211	1/18/2021	N	INITIAL	50	NONE	410-25765-1	16887-00-6	Chloride	150	150
KAFB-106S2-451	GWS2-451-211	1/12/2021	N	INITIAL	1	NONE	410-25765-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S2-451	GWS2-451-211	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK	Alkalinity, total (as CaCO3)	380	380
KAFB-106S2-451	GWS2-451-211	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	380	380
KAFB-106S2-451	GWS2-451-211	1/13/2021	N	INITIAL	1	NONE	410-25765-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S2-451	GWS2-451-211	1/12/2021	D	INITIAL	1	METHOD	410-25765-1	7439-89-6	Iron	2.1	2.1
KAFB-106S2-451	GWS2-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-95-4	Magnesium	25	25
KAFB-106S2-451	GWS2-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-23-5	Sodium	41	41
KAFB-106S2-451	GWS2-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-70-2	Calcium	150	150
KAFB-106S2-451	GWS2-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-09-7	Potassium	3.8	3.8
KAFB-106S2-451	GWS2-451-211	1/14/2021	D	INITIAL	1	METHOD	410-25765-1	7439-96-5	Manganese	7.0	7
KAFB-106S2-451	GWS2-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7439-92-1	Lead	0.0018	0.0018
KAFB-106S2-451	GWS2-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25765-1	7440-38-2	Arsenic	0.0020	0.002
KAFB-106S2-451	GWS2-451-211	1/15/2021	N	INITIAL	200	METHOD	410-25765-1	106-93-4	1,2-Dibromoethane	24	24
KAFB-106S2-451	GWS2-451-211	1/14/2021	N	INITIAL	2	NONE	410-25765-1	100-41-4	Ethylbenzene	65	65
KAFB-106S2-451	GWS2-451-211	1/14/2021	N	INITIAL	2	NONE	410-25765-1	108-88-3	Toluene	70	70
KAFB-106S2-451	GWS2-451-211	1/14/2021	N	INITIAL	2	NONE	410-25765-1	1330-20-7	Xylenes, total	820	820
KAFB-106S2-451	GWS2-451-211	1/14/2021	N	REANALYSIS	20	NONE	410-25765-1	71-43-2	Benzene	1300	1300
KAFB-106S5-446	GWS5-446-211	1/13/2021	N	INITIAL	5	NONE	410-25906-1	14808-79-8	Sulfate	< 5.0	5
KAFB-106S5-446	GWS5-446-211	1/13/2021	N	INITIAL	5	NONE	410-25906-1	16887-00-6	Chloride	22	22
KAFB-106S5-446	GWS5-446-211	1/13/2021	N	INITIAL	5	NONE	410-25906-1	24959-67-9	Bromide	< 2.5	2.5
KAFB-106S5-446	GWS5-446-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S5-446	GWS5-446-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK	Alkalinity, total (as CaCO3)	220	220
KAFB-106S5-446	GWS5-446-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	220	220
KAFB-106S5-446	GWS5-446-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S5-446	GWS5-446-211	1/12/2021	D	INITIAL	1	METHOD	410-25906-1	7439-89-6	Iron	1.1	1.1
KAFB-106S5-446	GWS5-446-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7439-95-4	Magnesium	10	10
KAFB-106S5-446	GWS5-446-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-09-7	Potassium	2.8	2.8
KAFB-106S5-446	GWS5-446-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-23-5	Sodium	27	27
KAFB-106S5-446	GWS5-446-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-70-2	Calcium	65	65
KAFB-106S5-446	GWS5-446-211	1/14/2021	D	INITIAL	1	METHOD	410-25906-1	7439-96-5	Manganese	1.8	1.8
KAFB-106S5-446	GWS5-446-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7439-92-1	Lead	0.00037	0.00037
KAFB-106S5-446	GWS5-446-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-38-2	Arsenic	0.0026	0.0026
KAFB-106S5-446	GWS5-446-211	1/14/2021	N	INITIAL	50	METHOD	410-25906-1	106-93-4	1,2-Dibromoethane	11	11
KAFB-106S5-446	GWS5-446-211	1/19/2021	N	INITIAL	50	NONE	410-25906-1	100-41-4	Ethylbenzene	1700	1700
KAFB-106S5-446	GWS5-446-211	1/19/2021	N	INITIAL	50	NONE	410-25906-1	108-88-3	Toluene	10000	10000
KAFB-106S5-446	GWS5-446-211	1/19/2021	N	INITIAL	50	NONE	410-25906-1	1330-20-7	Xylenes, total	4000	4000
KAFB-106S5-446	GWS5-446-211	1/19/2021	N	INITIAL	50	NONE	410-25906-1	71-43-2	Benzene	2100	2100
KAFB-106S7-451	GWS7-451-211	1/13/2021	N	INITIAL	5	NONE	410-25906-1	14808-79-8	Sulfate	2.6	2.6
KAFB-106S7-451	GWS7-451-211	1/13/2021	N	INITIAL	5	NONE	410-25906-1	24959-67-9	Bromide	1.8	1.8
KAFB-106S7-451	GWS7-451-211	1/13/2021	N	INITIAL	50	NONE	410-25906-1	16887-00-6	Chloride	47	47
KAFB-106S7-451	GWS7-451-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S7-451	GWS7-451-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK	Alkalinity, total (as CaCO3)	320	320
KAFB-106S7-451	GWS7-451-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	320	320
KAFB-106S7-451	GWS7-451-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S7-451	GWS7-451-211	1/12/2021	D	INITIAL	1	METHOD	410-25906-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106S7-451	GWS7-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7439-95-4	Magnesium	17	17
KAFB-106S7-451	GWS7-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-09-7	Potassium	3.5	3.5
KAFB-106S7-451	GWS7-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-23-5	Sodium	38	38
KAFB-106S7-451	GWS7-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-70-2	Calcium	110	110
KAFB-106S7-451	GWS7-451-211	1/14/2021	D	INITIAL	1	METHOD	410-25906-1	7439-96-5	Manganese	2.4	2.4

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S7-451	GWS7-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7439-92-1	Lead	0.00016	0.00016
KAFB-106S7-451	GWS7-451-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-38-2	Arsenic	0.0064	0.0064
KAFB-106S7-451	GWS7-451-211	1/14/2021	N	INITIAL	50	METHOD	410-25906-1	106-93-4	1,2-Dibromoethane	10	10
KAFB-106S7-451	GWS7-451-211	1/19/2021	N	INITIAL	1	NONE	410-25906-1	71-43-2	Benzene	190	190
KAFB-106S7-451	GWS7-451-211	1/19/2021	N	REANALYSIS	10	NONE	410-25906-1	100-41-4	Ethylbenzene	450	450
KAFB-106S7-451	GWS7-451-211	1/19/2021	N	REANALYSIS	10	NONE	410-25906-1	108-88-3	Toluene	350	350
KAFB-106S7-451	GWS7-451-211	1/19/2021	N	REANALYSIS	10	NONE	410-25906-1	1330-20-7	Xylenes, total	1500	1500
KAFB-106S3-449	GWS3-449-211	1/13/2021	N	INITIAL	5	NONE	410-25906-1	14808-79-8	Sulfate	< 5.0	5
KAFB-106S3-449	GWS3-449-211	1/13/2021	N	INITIAL	5	NONE	410-25906-1	24959-67-9	Bromide	2.7	2.7
KAFB-106S3-449	GWS3-449-211	1/13/2021	N	INITIAL	50	NONE	410-25906-1	16887-00-6	Chloride	140	140
KAFB-106S3-449	GWS3-449-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S3-449	GWS3-449-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK	Alkalinity, total (as CaCO3)	420	420
KAFB-106S3-449	GWS3-449-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	420	420
KAFB-106S3-449	GWS3-449-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S3-449	GWS3-449-211	1/12/2021	D	INITIAL	1	METHOD	410-25906-1	7439-89-6	Iron	4.8	4.8
KAFB-106S3-449	GWS3-449-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7439-95-4	Magnesium	27	27
KAFB-106S3-449	GWS3-449-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-09-7	Potassium	4.0	4
KAFB-106S3-449	GWS3-449-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-23-5	Sodium	43	43
KAFB-106S3-449	GWS3-449-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-70-2	Calcium	160	160
KAFB-106S3-449	GWS3-449-211	1/14/2021	D	INITIAL	1	METHOD	410-25906-1	7439-96-5	Manganese	3.9	3.9
KAFB-106S3-449	GWS3-449-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7439-92-1	Lead	0.00081	0.00081
KAFB-106S3-449	GWS3-449-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-38-2	Arsenic	0.0061	0.0061
KAFB-106S3-449	GWS3-449-211	1/15/2021	N	INITIAL	10	METHOD	410-25906-1	106-93-4	1,2-Dibromoethane	1.7	1.7
KAFB-106S3-449	GWS3-449-211	1/19/2021	N	INITIAL	1	NONE	410-25906-1	100-41-4	Ethylbenzene	240	240
KAFB-106S3-449	GWS3-449-211	1/19/2021	N	INITIAL	1	NONE	410-25906-1	108-88-3	Toluene	38	38
KAFB-106S3-449	GWS3-449-211	1/19/2021	N	REANALYSIS	10	NONE	410-25906-1	1330-20-7	Xylenes, total	1100	1100
KAFB-106S3-449	GWS3-449-211	1/19/2021	N	REANALYSIS	10	NONE	410-25906-1	71-43-2	Benzene	1800	1800
KAFB-106152-484	GW152-484-211	1/13/2021	N	INITIAL	5	NONE	410-25906-1	14808-79-8	Sulfate	< 5.0	5
KAFB-106152-484	GW152-484-211	1/13/2021	N	INITIAL	5	NONE	410-25906-1	24959-67-9	Bromide	< 2.5	2.5
KAFB-106152-484	GW152-484-211	1/13/2021	N	INITIAL	50	NONE	410-25906-1	16887-00-6	Chloride	43	43
KAFB-106152-484	GW152-484-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106152-484	GW152-484-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK	Alkalinity, total (as CaCO3)	520	520
KAFB-106152-484	GW152-484-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	520	520
KAFB-106152-484	GW152-484-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106152-484	GW152-484-211	1/12/2021	D	INITIAL	1	METHOD	410-25906-1	7439-89-6	Iron	3.9	3.9
KAFB-106152-484	GW152-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7439-95-4	Magnesium	28	28
KAFB-106152-484	GW152-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-09-7	Potassium	4.3	4.3
KAFB-106152-484	GW152-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-23-5	Sodium	42	42
KAFB-106152-484	GW152-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-70-2	Calcium	180	180
KAFB-106152-484	GW152-484-211	1/14/2021	D	INITIAL	1	METHOD	410-25906-1	7439-96-5	Manganese	5.8	5.8
KAFB-106152-484	GW152-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7439-92-1	Lead	0.0011	0.0011
KAFB-106152-484	GW152-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-38-2	Arsenic	0.0024	0.0024
KAFB-106152-484	GW152-484-211	1/14/2021	N	INITIAL	1	METHOD	410-25906-1	106-93-4	1,2-Dibromoethane	0.12	0.12
KAFB-106S9-447	GWS9-447-211	1/13/2021	N	INITIAL	5	NONE	410-25906-1	24959-67-9	Bromide	< 2.5	2.5
KAFB-106S9-447	GWS9-447-211	1/13/2021	N	INITIAL	50	NONE	410-25906-1	14808-79-8	Sulfate	120	120
KAFB-106S9-447	GWS9-447-211	1/13/2021	N	INITIAL	50	NONE	410-25906-1	16887-00-6	Chloride	63	63
KAFB-106S9-447	GWS9-447-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	NNN	Nitrogen as nitrate + nitrite	0.17	0.17
KAFB-106S9-447	GWS9-447-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK	Alkalinity, total (as CaCO3)	450	450
KAFB-106S9-447	GWS9-447-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	450	450
KAFB-106S9-447	GWS9-447-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S9-447	GWS9-447-211	1/12/2021	D	INITIAL	1	METHOD	410-25906-1	7439-89-6	Iron	< 0.21	0.21
KAFB-106S9-447	GWS9-447-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7439-95-4	Magnesium	30	30
KAFB-106S9-447	GWS9-447-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-09-7	Potassium	5.0	5
KAFB-106S9-447	GWS9-447-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-23-5	Sodium	43	43
KAFB-106S9-447	GWS9-447-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-70-2	Calcium	180	180

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S9-447	GWS9-447-211	1/14/2021	D	INITIAL	1	METHOD	410-25906-1	7439-96-5	Manganese	2.8	2.8
KAFB-106S9-447	GWS9-447-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7439-92-1	Lead	0.00097	0.00097
KAFB-106S9-447	GWS9-447-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-38-2	Arsenic	0.0023	0.0023
KAFB-106S9-447	GWS9-447-211	1/15/2021	N	INITIAL	20	METHOD	410-25906-1	106-93-4	1,2-Dibromoethane	3.1	3.1
KAFB-106S9-447	GWS9-447-211	1/19/2021	N	INITIAL	5	NONE	410-25906-1	100-41-4	Ethylbenzene	500	500
KAFB-106S9-447	GWS9-447-211	1/19/2021	N	INITIAL	5	NONE	410-25906-1	108-88-3	Toluene	350	350
KAFB-106S9-447	GWS9-447-211	1/19/2021	N	INITIAL	5	NONE	410-25906-1	1330-20-7	Xylenes, total	920	920
KAFB-106S9-447	GWS9-447-211	1/19/2021	N	REANALYSIS	50	NONE	410-25906-1	71-43-2	Benzene	3600	3600
KAFB-106151-484	GW151-484-211	1/13/2021	N	INITIAL	5	NONE	410-25906-1	24959-67-9	Bromide	1.5	1.5
KAFB-106151-484	GW151-484-211	1/13/2021	N	INITIAL	50	NONE	410-25906-1	14808-79-8	Sulfate	250	250
KAFB-106151-484	GW151-484-211	1/13/2021	N	INITIAL	50	NONE	410-25906-1	16887-00-6	Chloride	64	64
KAFB-106151-484	GW151-484-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	NNN	Nitrogen as nitrate + nitrite	0.29	0.29
KAFB-106151-484	GW151-484-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK	Alkalinity, total (as CaCO3)	250	250
KAFB-106151-484	GW151-484-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	250	250
KAFB-106151-484	GW151-484-211	1/12/2021	N	INITIAL	1	NONE	410-25906-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106151-484	GW151-484-211	1/12/2021	D	INITIAL	1	METHOD	410-25906-1	7439-89-6	Iron	< 0.21	0.21
KAFB-106151-484	GW151-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7439-95-4	Magnesium	26	26
KAFB-106151-484	GW151-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-09-7	Potassium	4.6	4.6
KAFB-106151-484	GW151-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-23-5	Sodium	41	41
KAFB-106151-484	GW151-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-70-2	Calcium	180	180
KAFB-106151-484	GW151-484-211	1/14/2021	D	INITIAL	1	METHOD	410-25906-1	7439-96-5	Manganese	0.55	0.55
KAFB-106151-484	GW151-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7439-92-1	Lead	0.000075	0.000075
KAFB-106151-484	GW151-484-211	1/12/2021	T	INITIAL	1	SW3005	410-25906-1	7440-38-2	Arsenic	0.00079	0.00079
KAFB-106151-484	GW151-484-211	1/14/2021	N	INITIAL	1	METHOD	410-25906-1	106-93-4	1,2-Dibromoethane	0.039	0.039
KAFB-106012R	GW012R-211	1/14/2021	N	INITIAL	5	NONE	410-26001-1	24959-67-9	Bromide	2.1	2.1
KAFB-106012R	GW012R-211	1/14/2021	N	INITIAL	50	NONE	410-26001-1	14808-79-8	Sulfate	310	310
KAFB-106012R	GW012R-211	1/14/2021	N	INITIAL	50	NONE	410-26001-1	16887-00-6	Chloride	190	190
KAFB-106012R	GW012R-211	1/15/2021	N	INITIAL	5	NONE	410-26001-1	NNN	Nitrogen as nitrate + nitrite	4.6	4.6
KAFB-106012R	GW012R-211	1/15/2021	N	INITIAL	1	NONE	410-26001-1	ALK	Alkalinity, total (as CaCO3)	100	100
KAFB-106012R	GW012R-211	1/15/2021	N	INITIAL	1	NONE	410-26001-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	100	100
KAFB-106012R	GW012R-211	1/15/2021	N	INITIAL	1	NONE	410-26001-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106012R	GW012R-211	1/14/2021	T	INITIAL	1	SW3005	410-26001-1	7439-95-4	Magnesium	26	26
KAFB-106012R	GW012R-211	1/14/2021	T	INITIAL	1	SW3005	410-26001-1	7440-09-7	Potassium	5.3	5.3
KAFB-106012R	GW012R-211	1/14/2021	T	INITIAL	1	SW3005	410-26001-1	7440-23-5	Sodium	78	78
KAFB-106012R	GW012R-211	1/14/2021	T	INITIAL	1	SW3005	410-26001-1	7440-70-2	Calcium	170	170
KAFB-106012R	GW012R-211	1/25/2021	D	INITIAL	1	METHOD	410-26001-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106012R	GW012R-211	1/25/2021	D	INITIAL	1	METHOD	410-26001-1	7439-96-5	Manganese	< 0.0052	0.0052
KAFB-106012R	GW012R-211	1/25/2021	T	INITIAL	1	SW3005	410-26001-1	7439-92-1	Lead	0.00038	0.00038
KAFB-106012R	GW012R-211	1/25/2021	T	INITIAL	1	SW3005	410-26001-1	7440-38-2	Arsenic	0.00088	0.00088
KAFB-106012R	GW012R-211	1/18/2021	N	INITIAL	1	METHOD	410-26001-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106012R	GW012R-211	1/19/2021	N	INITIAL	1	NONE	410-26001-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106012R	GW012R-211	1/19/2021	N	INITIAL	1	NONE	410-26001-1	108-88-3	Toluene	0.59	0.59
KAFB-106012R	GW012R-211	1/19/2021	N	INITIAL	1	NONE	410-26001-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106012R	GW012R-211	1/19/2021	N	INITIAL	1	NONE	410-26001-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106009	GW009-211	1/13/2021	N	INITIAL	5	NONE	410-26001-1	24959-67-9	Bromide	4.6	4.6
KAFB-106009	GW009-211	1/13/2021	N	INITIAL	50	NONE	410-26001-1	14808-79-8	Sulfate	200	200
KAFB-106009	GW009-211	1/13/2021	N	INITIAL	50	NONE	410-26001-1	16887-00-6	Chloride	120	120
KAFB-106009	GW009-211	1/13/2021	N	INITIAL	2	NONE	410-26001-1	NNN	Nitrogen as nitrate + nitrite	0.98	0.98
KAFB-106009	GW009-211	1/13/2021	N	INITIAL	1	NONE	410-26001-1	ALK	Alkalinity, total (as CaCO3)	180	180
KAFB-106009	GW009-211	1/13/2021	N	INITIAL	1	NONE	410-26001-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	180	180
KAFB-106009	GW009-211	1/13/2021	N	INITIAL	1	NONE	410-26001-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106009	GW009-211	1/13/2021	T	INITIAL	1	SW3005	410-26001-1	7439-95-4	Magnesium	22	22
KAFB-106009	GW009-211	1/13/2021	T	INITIAL	1	SW3005	410-26001-1	7440-09-7	Potassium	4.1	4.1
KAFB-106009	GW009-211	1/13/2021	T	INITIAL	1	SW3005	410-26001-1	7440-23-5	Sodium	51	51
KAFB-106009	GW009-211	1/13/2021	T	INITIAL	1	SW3005	410-26001-1	7440-70-2	Calcium	140	140

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106009	GW009-211	1/15/2021	D	INITIAL	1	METHOD	410-26001-1	7439-89-6	Iron	0.32	0.32
KAFB-106009	GW009-211	1/15/2021	D	INITIAL	1	METHOD	410-26001-1	7439-96-5	Manganese	0.93	0.93
KAFB-106009	GW009-211	1/13/2021	T	INITIAL	1	SW3005	410-26001-1	7439-92-1	Lead	< 0.00050	0.0005
KAFB-106009	GW009-211	1/13/2021	T	INITIAL	1	SW3005	410-26001-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106009	GW009-211	1/15/2021	N	INITIAL	1	METHOD	410-26001-1	106-93-4	1,2-Dibromoethane	0.086	0.086
KAFB-106009	GW009-211	1/19/2021	N	INITIAL	1	NONE	410-26001-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106009	GW009-211	1/19/2021	N	INITIAL	1	NONE	410-26001-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106009	GW009-211	1/19/2021	N	INITIAL	1	NONE	410-26001-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106009	GW009-211	1/19/2021	N	INITIAL	1	NONE	410-26001-1	71-43-2	Benzene	3.3	3.3
KAFB-106009	GW009-611	1/13/2021	N	INITIAL	5	NONE	410-26001-1	24959-67-9	Bromide	3.0	3
KAFB-106009	GW009-611	1/13/2021	N	INITIAL	50	NONE	410-26001-1	14808-79-8	Sulfate	200	200
KAFB-106009	GW009-611	1/13/2021	N	INITIAL	50	NONE	410-26001-1	16887-00-6	Chloride	130	130
KAFB-106009	GW009-611	1/13/2021	N	INITIAL	2	NONE	410-26001-1	NNN	Nitrogen as nitrate + nitrite	0.93	0.93
KAFB-106009	GW009-611	1/13/2021	N	INITIAL	1	NONE	410-26001-1	ALK	Alkalinity, total (as CaCO3)	180	180
KAFB-106009	GW009-611	1/13/2021	N	INITIAL	1	NONE	410-26001-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	180	180
KAFB-106009	GW009-611	1/13/2021	N	INITIAL	1	NONE	410-26001-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106009	GW009-611	1/13/2021	T	INITIAL	1	SW3005	410-26001-1	7439-95-4	Magnesium	22	22
KAFB-106009	GW009-611	1/13/2021	T	INITIAL	1	SW3005	410-26001-1	7440-09-7	Potassium	4.1	4.1
KAFB-106009	GW009-611	1/13/2021	T	INITIAL	1	SW3005	410-26001-1	7440-23-5	Sodium	50	50
KAFB-106009	GW009-611	1/13/2021	T	INITIAL	1	SW3005	410-26001-1	7440-70-2	Calcium	140	140
KAFB-106009	GW009-611	1/15/2021	D	INITIAL	1	METHOD	410-26001-1	7439-89-6	Iron	0.28	0.28
KAFB-106009	GW009-611	1/15/2021	D	INITIAL	1	METHOD	410-26001-1	7439-96-5	Manganese	0.93	0.93
KAFB-106009	GW009-611	1/13/2021	T	INITIAL	1	SW3005	410-26001-1	7439-92-1	Lead	< 0.00025	0.00025
KAFB-106009	GW009-611	1/13/2021	T	INITIAL	1	SW3005	410-26001-1	7440-38-2	Arsenic	< 0.0016	0.0016
KAFB-106009	GW009-611	1/15/2021	N	INITIAL	1	METHOD	410-26001-1	106-93-4	1,2-Dibromoethane	0.087	0.087
KAFB-106009	GW009-611	1/19/2021	N	INITIAL	1	NONE	410-26001-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106009	GW009-611	1/19/2021	N	INITIAL	1	NONE	410-26001-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106009	GW009-611	1/19/2021	N	INITIAL	1	NONE	410-26001-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106009	GW009-611	1/19/2021	N	INITIAL	1	NONE	410-26001-1	71-43-2	Benzene	3.4	3.4
KAFB-106013	GW013-211	1/16/2021	N	INITIAL	1	METHOD	410-26145-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106013	GW013-211	1/20/2021	N	INITIAL	1	NONE	410-26145-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106013	GW013-211	1/20/2021	N	INITIAL	1	NONE	410-26145-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106013	GW013-211	1/20/2021	N	INITIAL	1	NONE	410-26145-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106013	GW013-211	1/20/2021	N	INITIAL	1	NONE	410-26145-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106098	GW098-211	1/16/2021	N	INITIAL	1	METHOD	410-26145-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106098	GW098-211	1/20/2021	N	INITIAL	1	NONE	410-26145-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106098	GW098-211	1/20/2021	N	INITIAL	1	NONE	410-26145-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106098	GW098-211	1/20/2021	N	INITIAL	1	NONE	410-26145-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106098	GW098-211	1/20/2021	N	INITIAL	1	NONE	410-26145-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106097	GW097-211	1/16/2021	N	INITIAL	1	METHOD	410-26145-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106097	GW097-211	1/20/2021	N	INITIAL	1	NONE	410-26145-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106097	GW097-211	1/20/2021	N	INITIAL	1	NONE	410-26145-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106097	GW097-211	1/20/2021	N	INITIAL	1	NONE	410-26145-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106097	GW097-211	1/20/2021	N	INITIAL	1	NONE	410-26145-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106004	GW004-211	1/22/2021	N	INITIAL	1	METHOD	410-26381-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106004	GW004-211	1/21/2021	N	INITIAL	1	NONE	410-26381-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106004	GW004-211	1/21/2021	N	INITIAL	1	NONE	410-26381-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106004	GW004-211	1/21/2021	N	INITIAL	1	NONE	410-26381-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106004	GW004-211	1/21/2021	N	INITIAL	1	NONE	410-26381-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106100	GW100-211	1/21/2021	N	INITIAL	1	METHOD	410-26381-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106100	GW100-211	1/21/2021	N	INITIAL	1	NONE	410-26381-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106100	GW100-211	1/21/2021	N	INITIAL	1	NONE	410-26381-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106100	GW100-211	1/21/2021	N	INITIAL	1	NONE	410-26381-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106100	GW100-211	1/21/2021	N	INITIAL	1	NONE	410-26381-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106099	GW099-211	1/21/2021	N	INITIAL	1	METHOD	410-26381-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106099	GW099-211	1/21/2021	N	INITIAL	1	NONE	410-26381-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106099	GW099-211	1/21/2021	N	INITIAL	1	NONE	410-26381-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106099	GW099-211	1/21/2021	N	INITIAL	1	NONE	410-26381-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106099	GW099-211	1/21/2021	N	INITIAL	1	NONE	410-26381-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106101	GW101-211	1/21/2021	N	INITIAL	1	METHOD	410-26381-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106101	GW101-211	1/21/2021	N	INITIAL	1	NONE	410-26381-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106101	GW101-211	1/21/2021	N	INITIAL	1	NONE	410-26381-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106101	GW101-211	1/21/2021	N	INITIAL	1	NONE	410-26381-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106101	GW101-211	1/21/2021	N	INITIAL	1	NONE	410-26381-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106101	GW101-611	1/21/2021	N	INITIAL	1	METHOD	410-26381-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106101	GW101-611	1/21/2021	N	INITIAL	1	NONE	410-26381-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106101	GW101-611	1/21/2021	N	INITIAL	1	NONE	410-26381-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106101	GW101-611	1/21/2021	N	INITIAL	1	NONE	410-26381-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106101	GW101-611	1/21/2021	N	INITIAL	1	NONE	410-26381-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106102	GW102-211	1/21/2021	N	INITIAL	1	METHOD	410-26637-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106102	GW102-211	1/25/2021	N	INITIAL	1	NONE	410-26637-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106102	GW102-211	1/25/2021	N	INITIAL	1	NONE	410-26637-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106102	GW102-211	1/25/2021	N	INITIAL	1	NONE	410-26637-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106102	GW102-211	1/25/2021	N	INITIAL	1	NONE	410-26637-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106003	GW003-211	1/21/2021	N	INITIAL	1	METHOD	410-26637-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019
KAFB-106003	GW003-211	1/25/2021	N	INITIAL	1	NONE	410-26637-1	100-41-4	Ethylbenzene	< 0.80	0.8
KAFB-106003	GW003-211	1/25/2021	N	INITIAL	1	NONE	410-26637-1	108-88-3	Toluene	< 0.50	0.5
KAFB-106003	GW003-211	1/25/2021	N	INITIAL	1	NONE	410-26637-1	1330-20-7	Xylenes, total	< 2.8	2.8
KAFB-106003	GW003-211	1/25/2021	N	INITIAL	1	NONE	410-26637-1	71-43-2	Benzene	< 0.50	0.5
KAFB-106S10-443	GWS10-443-211	1/19/2021	N	INITIAL	5	NONE	410-26694-1	14808-79-8	Sulfate	9.8	9.8
KAFB-106S10-443	GWS10-443-211	1/19/2021	N	INITIAL	5	NONE	410-26694-1	16887-00-6	Chloride	16	16
KAFB-106S10-443	GWS10-443-211	1/19/2021	N	INITIAL	5	NONE	410-26694-1	24959-67-9	Bromide	< 2.0	2
KAFB-106S10-443	GWS10-443-211	1/21/2021	N	INITIAL	1	NONE	410-26694-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106S10-443	GWS10-443-211	1/20/2021	N	INITIAL	1	NONE	410-26694-1	ALK	Alkalinity, total (as CaCO3)	180	180
KAFB-106S10-443	GWS10-443-211	1/20/2021	N	INITIAL	1	NONE	410-26694-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	180	180
KAFB-106S10-443	GWS10-443-211	1/20/2021	N	INITIAL	1	NONE	410-26694-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106S10-443	GWS10-443-211	1/19/2021	D	INITIAL	1	METHOD	410-26694-1	7439-96-5	Manganese	0.77	0.77
KAFB-106S10-443	GWS10-443-211	1/19/2021	D	INITIAL	1	METHOD	410-26694-1	7439-89-6	Iron	< 0.10	0.1
KAFB-106S10-443	GWS10-443-211	1/20/2021	T	INITIAL	1	SW3005	410-26694-1	7439-95-4	Magnesium	7.6	7.6
KAFB-106S10-443	GWS10-443-211	1/20/2021	T	INITIAL	1	SW3005	410-26694-1	7440-23-5	Sodium	26	26
KAFB-106S10-443	GWS10-443-211	1/20/2021	T	INITIAL	1	SW3005	410-26694-1	7440-70-2	Calcium	48	48
KAFB-106S10-443	GWS10-443-211	1/24/2021	T	INITIAL	1	SW3005	410-26694-1	7440-09-7	Potassium	2.8	2.8
KAFB-106S10-443	GWS10-443-211	1/19/2021	T	INITIAL	1	SW3005	410-26694-1	7439-92-1	Lead	< 0.00050	0.0005
KAFB-106S10-443	GWS10-443-211	1/19/2021	T	INITIAL	1	SW3005	410-26694-1	7440-38-2	Arsenic	0.0015	0.0015
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	2000	METHOD	410-26694-1	106-93-4	1,2-Dibromoethane	200	200
KAFB-106S10-443	GWS10-443-211	1/20/2021	N	INITIAL	25	NONE	410-26694-1	TPH-GRO	TPH-GRO (C6-C10)	62000	62000
KAFB-106S10-443	GWS10-443-211	1/22/2021	N	INITIAL	5	SW3510C	410-26694-1	TPH-DRO	TPH-DRO (C10-C28)	26000	26000
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	100-41-4	Ethylbenzene	670	670
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	100-42-5	Styrene	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	10061-01-5	Cis-1,3-dichloropropene	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	10061-02-6	Trans-1,3-dichloropropene	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	103-65-1	n-Propylbenzene	29	29
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	104-51-8	n-Butylbenzene	2.6	2.6
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	106-43-4	4-Chlorotoluene	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	106-46-7	1,4-Dichlorobenzene	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	106-93-4	1,2-Dibromoethane	170	170
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	107-02-8	Acrolein	< 25	25
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	107-06-2	1,2-Dichloroethane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	107-13-1	Acrylonitrile	< 5.0	5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	108-05-4	Vinyl acetate	< 10	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	108-10-1	4-Methyl-2-pentanone	13	13
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	108-67-8	1,3,5-Trimethylbenzene	56	56
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	108-86-1	Bromobenzene	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	108-90-7	Chlorobenzene	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	120-82-1	1,2,4-Trichlorobenzene	< 5.0	5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	124-48-1	Dibromochloromethane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	127-18-4	Tetrachloroethene	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	1330-20-7	Xylenes, total	3000	3000
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	135-98-8	sec-Butylbenzene	5.1	5.1
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	142-28-9	1,3-Dichloropropane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	156-59-2	Cis-1,2-Dichloroethene	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	156-60-5	Trans-1,2-Dichloroethene	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	1634-04-4	Methyl tert-butyl ether	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	179601-23-1	m- & p-Xylenes	2100	2100
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	541-73-1	1,3-Dichlorobenzene	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	56-23-5	Carbon tetrachloride	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	563-58-6	1,1-Dichloropropene	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	591-78-6	2-Hexanone	26	26
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	594-20-7	2,2-Dichloropropane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	630-20-6	1,1,1,2-Tetrachloroethane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	67-64-1	Acetone	260	260
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	67-66-3	Chloroform	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	71-55-6	1,1,1-Trichloroethane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	74-83-9	Bromomethane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	74-87-3	Chloromethane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	74-95-3	Dibromomethane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	74-97-5	Bromochloromethane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	75-00-3	Chloroethane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	75-01-4	Vinyl chloride	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	75-09-2	Methylene chloride	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	75-15-0	Carbon disulfide	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	75-25-2	Bromoform	< 10	10
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	75-27-4	Bromodichloromethane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	75-34-3	1,1-Dichloroethane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	75-35-4	1,1-Dichloroethene	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	75-69-4	Trichlorofluoromethane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	75-71-8	Dichlorodifluoromethane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	78-87-5	1,2-Dichloropropane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	78-93-3	2-Butanone	50	50
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	79-00-5	1,1,2-Trichloroethane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	79-01-6	Trichloroethene	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	79-34-5	1,1,2,2-Tetrachloroethane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	87-61-6	1,2,3-Trichlorobenzene	< 5.0	5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	87-68-3	Hexachloro-1,3-butadiene	< 20	20
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	91-20-3	Naphthalene	110	110
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	95-47-6	o-Xylene	910	910
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	95-49-8	2-Chlorotoluene	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	95-50-1	1,2-Dichlorobenzene	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	95-63-6	1,2,4-Trimethylbenzene	190	190
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	96-12-8	1,2-Dibromo-3-chloropropane	< 5.0	5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	96-18-4	1,2,3-Trichloropropane	< 2.5	2.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	98-06-6	tert-Butylbenzene	< 5.0	5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	98-82-8	Isopropylbenzene	37	37
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	INITIAL	5	NONE	410-26694-1	99-87-6	4-Isopropyltoluene	3.5	3.5
KAFB-106S10-443	GWS10-443-211	1/26/2021	N	REANALYSIS	50	NONE	410-26694-1	71-43-2	Benzene	11000	11000

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	analysis_date	fraction	test_type	dilution_factor	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value
KAFB-106S10-443	GWS10-443-211	1/28/2021	N	REANALYSIS	500	NONE	410-26694-1	108-88-3	Toluene	17000	17000
KAFB-106005	GW005-211	1/19/2021	N	INITIAL	5	NONE	410-26694-1	14808-79-8	Sulfate	9.8	9.8
KAFB-106005	GW005-211	1/19/2021	N	INITIAL	5	NONE	410-26694-1	24959-67-9	Bromide	4.1	4.1
KAFB-106005	GW005-211	1/19/2021	N	INITIAL	50	NONE	410-26694-1	16887-00-6	Chloride	180	180
KAFB-106005	GW005-211	1/21/2021	N	INITIAL	1	NONE	410-26694-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106005	GW005-211	1/20/2021	N	INITIAL	1	NONE	410-26694-1	ALK	Alkalinity, total (as CaCO3)	370	370
KAFB-106005	GW005-211	1/20/2021	N	INITIAL	1	NONE	410-26694-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	370	370
KAFB-106005	GW005-211	1/20/2021	N	INITIAL	1	NONE	410-26694-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106005	GW005-211	1/19/2021	D	INITIAL	1	METHOD	410-26694-1	7439-96-5	Manganese	1.9	1.9
KAFB-106005	GW005-211	1/19/2021	D	INITIAL	1	METHOD	410-26694-1	7439-89-6	Iron	0.043	0.043
KAFB-106005	GW005-211	1/20/2021	T	INITIAL	1	SW3005	410-26694-1	7439-95-4	Magnesium	26	26
KAFB-106005	GW005-211	1/20/2021	T	INITIAL	1	SW3005	410-26694-1	7440-23-5	Sodium	70	70
KAFB-106005	GW005-211	1/20/2021	T	INITIAL	1	SW3005	410-26694-1	7440-70-2	Calcium	150	150
KAFB-106005	GW005-211	1/24/2021	T	INITIAL	1	SW3005	410-26694-1	7440-09-7	Potassium	3.8	3.8
KAFB-106005	GW005-211	1/19/2021	T	INITIAL	1	SW3005	410-26694-1	7439-92-1	Lead	0.00028	0.00028
KAFB-106005	GW005-211	1/19/2021	T	INITIAL	1	SW3005	410-26694-1	7440-38-2	Arsenic	0.0014	0.0014
KAFB-106005	GW005-211	1/26/2021	N	INITIAL	5	METHOD	410-26694-1	106-93-4	1,2-Dibromoethane	0.99	0.99
KAFB-106005	GW005-211	1/27/2021	N	INITIAL	1	NONE	410-26694-1	100-41-4	Ethylbenzene	170	170
KAFB-106005	GW005-211	1/27/2021	N	INITIAL	1	NONE	410-26694-1	1330-20-7	Xylenes, total	620	620
KAFB-106005	GW005-211	1/27/2021	N	REANALYSIS	10	NONE	410-26694-1	108-88-3	Toluene	710	710
KAFB-106005	GW005-211	1/27/2021	N	REANALYSIS	10	NONE	410-26694-1	71-43-2	Benzene	700	700
KAFB-106005	GW005-611	1/19/2021	N	INITIAL	5	NONE	410-26694-1	14808-79-8	Sulfate	9.5	9.5
KAFB-106005	GW005-611	1/19/2021	N	INITIAL	5	NONE	410-26694-1	24959-67-9	Bromide	3.7	3.7
KAFB-106005	GW005-611	1/19/2021	N	INITIAL	50	NONE	410-26694-1	16887-00-6	Chloride	190	190
KAFB-106005	GW005-611	1/21/2021	N	INITIAL	1	NONE	410-26694-1	NNN	Nitrogen as nitrate + nitrite	< 0.090	0.09
KAFB-106005	GW005-611	1/20/2021	N	INITIAL	1	NONE	410-26694-1	ALK	Alkalinity, total (as CaCO3)	370	370
KAFB-106005	GW005-611	1/20/2021	N	INITIAL	1	NONE	410-26694-1	ALK-B	Alkalinity, bicarbonate (as CaCO3)	370	370
KAFB-106005	GW005-611	1/20/2021	N	INITIAL	1	NONE	410-26694-1	ALK-C	Alkalinity, carbonate (as CaCO3)	< 6.0	6
KAFB-106005	GW005-611	1/19/2021	D	INITIAL	1	METHOD	410-26694-1	7439-96-5	Manganese	2.0	2
KAFB-106005	GW005-611	1/19/2021	D	INITIAL	1	METHOD	410-26694-1	7439-89-6	Iron	0.061	0.061
KAFB-106005	GW005-611	1/20/2021	T	INITIAL	1	SW3005	410-26694-1	7439-95-4	Magnesium	26	26
KAFB-106005	GW005-611	1/20/2021	T	INITIAL	1	SW3005	410-26694-1	7440-23-5	Sodium	69	69
KAFB-106005	GW005-611	1/20/2021	T	INITIAL	1	SW3005	410-26694-1	7440-70-2	Calcium	150	150
KAFB-106005	GW005-611	1/24/2021	T	INITIAL	1	SW3005	410-26694-1	7440-09-7	Potassium	3.8	3.8
KAFB-106005	GW005-611	1/19/2021	T	INITIAL	1	SW3005	410-26694-1	7439-92-1	Lead	0.00024	0.00024
KAFB-106005	GW005-611	1/19/2021	T	INITIAL	1	SW3005	410-26694-1	7440-38-2	Arsenic	0.0014	0.0014
KAFB-106005	GW005-611	1/26/2021	N	INITIAL	5	METHOD	410-26694-1	106-93-4	1,2-Dibromoethane	0.84	0.84
KAFB-106005	GW005-611	1/28/2021	N	INITIAL	1	NONE	410-26694-1	100-41-4	Ethylbenzene	170	170
KAFB-106005	GW005-611	1/28/2021	N	INITIAL	1	NONE	410-26694-1	1330-20-7	Xylenes, total	650	650
KAFB-106005	GW005-611	1/28/2021	N	REANALYSIS	10	NONE	410-26694-1	108-88-3	Toluene	710	710
KAFB-106005	GW005-611	1/28/2021	N	REANALYSIS	10	NONE	410-26694-1	71-43-2	Benzene	680	680

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106236-436	GW236-436-202	mg/l	Y			1.5	4.5	5
KAFB-106236-436	GW236-436-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106236-436	GW236-436-202	mg/l	Y			2.0	3.0	4
KAFB-106236-436	GW236-436-202	mg/l	Y	J		0.040	0.090	0.1
KAFB-106236-436	GW236-436-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106236-436	GW236-436-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106236-436	GW236-436-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106236-436	GW236-436-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106236-436	GW236-436-202	mg/l	Y			0.204	0.375	0.5
KAFB-106236-436	GW236-436-202	mg/l	Y			0.239	0.500	1
KAFB-106236-436	GW236-436-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106236-436	GW236-436-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106236-436	GW236-436-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106236-436	GW236-436-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106236-436	GW236-436-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106236-436	GW236-436-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106236-470	GW236-470-202	mg/l	Y			1.5	4.5	5
KAFB-106236-470	GW236-470-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106236-470	GW236-470-202	mg/l	Y			2.0	3.0	4
KAFB-106236-470	GW236-470-202	mg/l	Y	J		0.040	0.090	0.1
KAFB-106236-470	GW236-470-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106236-470	GW236-470-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106236-470	GW236-470-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106236-470	GW236-470-202	mg/l	Y	J		0.0400	0.0751	0.1
KAFB-106236-470	GW236-470-202	mg/l	Y	J		0.204	0.375	0.5
KAFB-106236-470	GW236-470-202	mg/l	Y	J		0.239	0.500	1
KAFB-106236-470	GW236-470-202	mg/l	Y	J		0.0960	0.150	0.2
KAFB-106236-470	GW236-470-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106236-470	GW236-470-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106236-470	GW236-470-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106236-470	GW236-470-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106236-470	GW236-470-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106087	GW087-202	mg/l	Y			1.5	4.5	5
KAFB-106087	GW087-202	mg/l	Y			1.0	1.5	2
KAFB-106087	GW087-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106087	GW087-202	mg/l	Y			0.040	0.090	0.1
KAFB-106087	GW087-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106087	GW087-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106087	GW087-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106087	GW087-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106087	GW087-202	mg/l	Y			0.204	0.375	0.5
KAFB-106087	GW087-202	mg/l	Y			0.239	0.500	1
KAFB-106087	GW087-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106087	GW087-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106087	GW087-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106087	GW087-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106087	GW087-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106087	GW087-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106236-499	GW236-499-202	mg/l	Y			1.5	4.5	5
KAFB-106236-499	GW236-499-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106236-499	GW236-499-202	mg/l	Y	J		2.0	3.0	4
KAFB-106236-499	GW236-499-202	mg/l	Y	J		0.040	0.090	0.1
KAFB-106236-499	GW236-499-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106236-499	GW236-499-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106236-499	GW236-499-202	mgcaco3/l	N	U	U	2.6	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106236-499	GW236-499-202	mg/l	Y	J		0.0400	0.0751	0.1
KAFB-106236-499	GW236-499-202	mg/l	Y	J		0.204	0.375	0.5
KAFB-106236-499	GW236-499-202	mg/l	Y	J		0.239	0.500	1
KAFB-106236-499	GW236-499-202	mg/l	Y	J		0.0960	0.150	0.2
KAFB-106236-499	GW236-499-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106236-499	GW236-499-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106236-499	GW236-499-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106236-499	GW236-499-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106236-499	GW236-499-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106086	GW086-202	mg/l	Y			1.5	4.5	5
KAFB-106086	GW086-202	mg/l	Y			1.0	1.5	2
KAFB-106086	GW086-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106086	GW086-202	mg/l	Y			0.040	0.090	0.1
KAFB-106086	GW086-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106086	GW086-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106086	GW086-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106086	GW086-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106086	GW086-202	mg/l	Y			0.204	0.375	0.5
KAFB-106086	GW086-202	mg/l	Y			0.239	0.500	1
KAFB-106086	GW086-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106086	GW086-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106086	GW086-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106086	GW086-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106086	GW086-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106086	GW086-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106235-438	GW235-438-202	mg/l	Y			1.5	4.5	5
KAFB-106235-438	GW235-438-202	mg/l	Y	J	J	1.3	2.0	2.5
KAFB-106235-438	GW235-438-202	mg/l	Y			20.0	30.0	40
KAFB-106235-438	GW235-438-202	mg/l	Y			0.040	0.090	0.1
KAFB-106235-438	GW235-438-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106235-438	GW235-438-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106235-438	GW235-438-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106235-438	GW235-438-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106235-438	GW235-438-202	mg/l	Y			0.204	0.375	0.5
KAFB-106235-438	GW235-438-202	mg/l	Y			0.239	0.500	1
KAFB-106235-438	GW235-438-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106235-438	GW235-438-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106235-438	GW235-438-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106235-438	GW235-438-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106235-438	GW235-438-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106235-438	GW235-438-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106085	GW085-202	mg/l	Y			1.5	4.5	5
KAFB-106085	GW085-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106085	GW085-202	mg/l	Y			10.0	15.0	20
KAFB-106085	GW085-202	mg/l	Y			0.040	0.090	0.1
KAFB-106085	GW085-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106085	GW085-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106085	GW085-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106085	GW085-202	mg/l	Y	J		0.0400	0.0751	0.1
KAFB-106085	GW085-202	mg/l	Y	J		0.204	0.375	0.5
KAFB-106085	GW085-202	mg/l	Y	J		0.239	0.500	1
KAFB-106085	GW085-202	mg/l	Y	J		0.0960	0.150	0.2
KAFB-106085	GW085-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106085	GW085-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106085	GW085-202	ug/l	N	U	U D1	0.0096	0.019	0.029

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106085	GW085-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106085	GW085-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106085	GW085-602	mg/l	Y			1.5	4.5	5
KAFB-106085	GW085-602	mg/l	Y	J	J	1.3	2.0	2.5
KAFB-106085	GW085-602	mg/l	Y			10.0	15.0	20
KAFB-106085	GW085-602	mg/l	Y			0.040	0.090	0.1
KAFB-106085	GW085-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106085	GW085-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106085	GW085-602	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106085	GW085-602	mg/l	Y	J		0.0400	0.0751	0.1
KAFB-106085	GW085-602	mg/l	Y	J		0.204	0.375	0.5
KAFB-106085	GW085-602	mg/l	Y	J		0.239	0.500	1
KAFB-106085	GW085-602	mg/l	Y	J		0.0960	0.150	0.2
KAFB-106085	GW085-602	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106085	GW085-602	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106085	GW085-602	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106085	GW085-602	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106085	GW085-602	mg/l	Y	J	J	0.0031	0.0052	0.0103
KAFB-106235-472	GW235-472-202	mg/l	Y			1.5	4.5	5
KAFB-106235-472	GW235-472-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106235-472	GW235-472-202	mg/l	Y	J		2.0	3.0	4
KAFB-106235-472	GW235-472-202	mg/l	Y	J		0.040	0.090	0.1
KAFB-106235-472	GW235-472-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106235-472	GW235-472-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106235-472	GW235-472-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106235-472	GW235-472-202	mg/l	Y	J		0.0800	0.150	0.2
KAFB-106235-472	GW235-472-202	mg/l	Y	J		0.408	0.751	1
KAFB-106235-472	GW235-472-202	mg/l	Y	J		0.478	1.00	2
KAFB-106235-472	GW235-472-202	mg/l	Y	J		0.192	0.300	0.4
KAFB-106235-472	GW235-472-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106235-472	GW235-472-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106235-472	GW235-472-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106235-472	GW235-472-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106235-472	GW235-472-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106235-501	GW235-501-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106235-501	GW235-501-202	mg/l	Y			3.0	9.0	10
KAFB-106235-501	GW235-501-202	mg/l	Y			2.0	3.0	4
KAFB-106235-501	GW235-501-202	mg/l	Y			0.040	0.090	0.1
KAFB-106235-501	GW235-501-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106235-501	GW235-501-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106235-501	GW235-501-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106235-501	GW235-501-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106235-501	GW235-501-202	mg/l	Y			0.204	0.375	0.5
KAFB-106235-501	GW235-501-202	mg/l	Y			0.239	0.500	1
KAFB-106235-501	GW235-501-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106235-501	GW235-501-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106235-501	GW235-501-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106235-501	GW235-501-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106235-501	GW235-501-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106235-501	GW235-501-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106231	GW231-202	mg/l	Y			1.5	4.5	5
KAFB-106231	GW231-202	mg/l	Y			1.3	2.0	2.5
KAFB-106231	GW231-202	mg/l	Y	J		10.0	15.0	20
KAFB-106231	GW231-202	mg/l	Y	J		0.080	0.18	0.2
KAFB-106231	GW231-202	mgcaco3/l	Y			2.6	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106231	GW231-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106231	GW231-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106231	GW231-202	mg/l	Y	J		0.0400	0.0751	0.1
KAFB-106231	GW231-202	mg/l	Y	J		0.204	0.375	0.5
KAFB-106231	GW231-202	mg/l	Y	J		0.239	0.500	1
KAFB-106231	GW231-202	mg/l	Y	J		0.0960	0.150	0.2
KAFB-106231	GW231-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106231	GW231-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106231	GW231-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106231	GW231-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106231	GW231-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106227	GW227-202	mg/l	Y			1.5	4.5	5
KAFB-106227	GW227-202	mg/l	Y			1.0	1.5	2
KAFB-106227	GW227-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106227	GW227-202	mg/l	Y			0.040	0.090	0.1
KAFB-106227	GW227-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106227	GW227-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106227	GW227-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106227	GW227-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106227	GW227-202	mg/l	Y			0.204	0.375	0.5
KAFB-106227	GW227-202	mg/l	Y			0.239	0.500	1
KAFB-106227	GW227-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106227	GW227-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106227	GW227-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106227	GW227-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106227	GW227-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106227	GW227-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106232	GW232-202	mg/l	Y			1.5	4.5	5
KAFB-106232	GW232-202	mg/l	Y			1.0	1.5	2
KAFB-106232	GW232-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106232	GW232-202	mg/l	Y			0.040	0.090	0.1
KAFB-106232	GW232-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106232	GW232-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106232	GW232-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106232	GW232-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106232	GW232-202	mg/l	Y			0.204	0.375	0.5
KAFB-106232	GW232-202	mg/l	Y			0.239	0.500	1
KAFB-106232	GW232-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106232	GW232-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106232	GW232-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106232	GW232-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106232	GW232-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106232	GW232-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106226	GW226-202	mg/l	Y			1.5	4.5	5
KAFB-106226	GW226-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106226	GW226-202	mg/l	Y			10.0	15.0	20
KAFB-106226	GW226-202	mg/l	Y			0.040	0.090	0.1
KAFB-106226	GW226-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106226	GW226-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106226	GW226-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106226	GW226-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106226	GW226-202	mg/l	Y			0.204	0.375	0.5
KAFB-106226	GW226-202	mg/l	Y			0.239	0.500	1
KAFB-106226	GW226-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106226	GW226-202	mg/l	N	U	U	0.000071	0.00025	0.0005

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106226	GW226-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106226	GW226-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106226	GW226-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106226	GW226-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106031	GW031-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106031	GW031-202	mg/l	Y			15.0	45.0	50
KAFB-106031	GW031-202	mg/l	Y			10.0	15.0	20
KAFB-106031	GW031-202	mg/l	Y			0.040	0.090	0.1
KAFB-106031	GW031-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106031	GW031-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106031	GW031-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106031	GW031-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106031	GW031-202	mg/l	Y			0.204	0.375	0.5
KAFB-106031	GW031-202	mg/l	Y			0.239	0.500	1
KAFB-106031	GW031-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106031	GW031-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106031	GW031-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106031	GW031-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106031	GW031-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106031	GW031-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106225	GW225-202	mg/l	Y			1.0	1.5	2
KAFB-106225	GW225-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106225	GW225-202	mg/l	Y			3.0	9.0	10
KAFB-106225	GW225-202	mg/l	Y			0.040	0.090	0.1
KAFB-106225	GW225-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106225	GW225-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106225	GW225-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106225	GW225-202	mg/l	Y	J		0.0400	0.0751	0.1
KAFB-106225	GW225-202	mg/l	Y	J		0.204	0.375	0.5
KAFB-106225	GW225-202	mg/l	Y	J		0.239	0.500	1
KAFB-106225	GW225-202	mg/l	Y	J		0.0960	0.150	0.2
KAFB-106225	GW225-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106225	GW225-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106225	GW225-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106225	GW225-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106225	GW225-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106225	GW225-602	mg/l	Y			1.5	4.5	5
KAFB-106225	GW225-602	mg/l	Y			1.0	1.5	2
KAFB-106225	GW225-602	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106225	GW225-602	mg/l	Y			0.040	0.090	0.1
KAFB-106225	GW225-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106225	GW225-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106225	GW225-602	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106225	GW225-602	mg/l	Y	J		0.0400	0.0751	0.1
KAFB-106225	GW225-602	mg/l	Y	J		0.204	0.375	0.5
KAFB-106225	GW225-602	mg/l	Y	J		0.239	0.500	1
KAFB-106225	GW225-602	mg/l	Y	J		0.0960	0.150	0.2
KAFB-106225	GW225-602	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106225	GW225-602	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106225	GW225-602	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106225	GW225-602	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106225	GW225-602	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106030	GW030-202	mg/l	Y			1.5	4.5	5
KAFB-106030	GW030-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106030	GW030-202	mg/l	Y			20.0	30.0	40

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106030	GW030-202	mg/l	Y			0.040	0.090	0.1
KAFB-106030	GW030-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106030	GW030-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106030	GW030-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106030	GW030-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106030	GW030-202	mg/l	Y			0.204	0.375	0.5
KAFB-106030	GW030-202	mg/l	Y			0.239	0.500	1
KAFB-106030	GW030-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106030	GW030-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106030	GW030-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106030	GW030-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106030	GW030-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106030	GW030-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106022	GW022-202	mg/l	Y			1.5	4.5	5
KAFB-106022	GW022-202	mg/l	Y			1.0	1.5	2
KAFB-106022	GW022-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106022	GW022-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106022	GW022-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106022	GW022-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106022	GW022-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106022	GW022-202	mg/l	Y	J		0.0400	0.0751	0.1
KAFB-106022	GW022-202	mg/l	Y	J		0.204	0.375	0.5
KAFB-106022	GW022-202	mg/l	Y	J		0.239	0.500	1
KAFB-106022	GW022-202	mg/l	Y	J		0.0960	0.150	0.2
KAFB-106022	GW022-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106022	GW022-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106022	GW022-202	ug/l	Y	J	J D2	0.0095	0.019	0.029
KAFB-106022	GW022-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106022	GW022-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106029	GW029-202	mg/l	Y	J	J	1.3	2.0	2.5
KAFB-106029	GW029-202	mg/l	Y			15.0	45.0	50
KAFB-106029	GW029-202	mg/l	Y			10.0	15.0	20
KAFB-106029	GW029-202	mg/l	Y			0.040	0.090	0.1
KAFB-106029	GW029-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106029	GW029-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106029	GW029-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106029	GW029-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106029	GW029-202	mg/l	Y			0.204	0.375	0.5
KAFB-106029	GW029-202	mg/l	Y			0.239	0.500	1
KAFB-106029	GW029-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106029	GW029-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106029	GW029-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106029	GW029-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106029	GW029-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106029	GW029-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106015	GW015-202	mg/l	Y			1.5	4.5	5
KAFB-106015	GW015-202	mg/l	Y			1.0	1.5	2
KAFB-106015	GW015-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106015	GW015-202	mg/l	Y			0.040	0.090	0.1
KAFB-106015	GW015-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106015	GW015-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106015	GW015-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106015	GW015-202	mg/l	Y	J		0.0400	0.0751	0.1
KAFB-106015	GW015-202	mg/l	Y	J		0.204	0.375	0.5
KAFB-106015	GW015-202	mg/l	Y	J		0.239	0.500	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106015	GW015-202	mg/l	Y	J		0.0960	0.150	0.2
KAFB-106015	GW015-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106015	GW015-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106015	GW015-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106015	GW015-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106015	GW015-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106242-418	GW242-418-202	mg/l	Y	J	J	1.3	2.0	2.5
KAFB-106242-418	GW242-418-202	mg/l	Y			60.0	180	200
KAFB-106242-418	GW242-418-202	mg/l	Y			40.0	60.0	80
KAFB-106242-418	GW242-418-202	mg/l	Y			0.080	0.18	0.2
KAFB-106242-418	GW242-418-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106242-418	GW242-418-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106242-418	GW242-418-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106242-418	GW242-418-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106242-418	GW242-418-202	mg/l	Y			0.204	0.375	0.5
KAFB-106242-418	GW242-418-202	mg/l	Y			0.239	0.500	1
KAFB-106242-418	GW242-418-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106242-418	GW242-418-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106242-418	GW242-418-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106242-418	GW242-418-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106242-418	GW242-418-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106242-418	GW242-418-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106021	GW021-202	mg/l	Y			1.5	4.5	5
KAFB-106021	GW021-202	mg/l	Y			1.0	1.5	2
KAFB-106021	GW021-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106021	GW021-202	mg/l	Y			0.040	0.090	0.1
KAFB-106021	GW021-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106021	GW021-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106021	GW021-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106021	GW021-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106021	GW021-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106021	GW021-202	mg/l	Y			0.204	0.375	0.5
KAFB-106021	GW021-202	mg/l	Y			0.239	0.500	1
KAFB-106021	GW021-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106021	GW021-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106021	GW021-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106021	GW021-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106021	GW021-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106021	GW021-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106224	GW224-202	mg/l	Y			1.5	4.5	5
KAFB-106224	GW224-202	mg/l	Y			1.0	1.5	2
KAFB-106224	GW224-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106224	GW224-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106224	GW224-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106224	GW224-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106224	GW224-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106224	GW224-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106224	GW224-202	mg/l	Y			0.204	0.375	0.5
KAFB-106224	GW224-202	mg/l	Y			0.239	0.500	1
KAFB-106224	GW224-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106224	GW224-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106224	GW224-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106224	GW224-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106224	GW224-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106224	GW224-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106201	GW201-202	mg/l	N	U	U	1.3	2.0	2.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106201	GW201-202	mg/l	Y			15.0	45.0	50
KAFB-106201	GW201-202	mg/l	Y			10.0	15.0	20
KAFB-106201	GW201-202	mg/l	Y			0.040	0.090	0.1
KAFB-106201	GW201-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106201	GW201-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106201	GW201-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106201	GW201-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106201	GW201-202	mg/l	Y			0.204	0.375	0.5
KAFB-106201	GW201-202	mg/l	Y			0.239	0.500	1
KAFB-106201	GW201-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106201	GW201-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106201	GW201-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106201	GW201-202	ug/l	N	U	U D2	0.0096	0.019	0.029
KAFB-106201	GW201-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106201	GW201-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106223	GW223-202	mg/l	Y			1.5	4.5	5
KAFB-106223	GW223-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106223	GW223-202	mg/l	Y			4.0	6.0	8
KAFB-106223	GW223-202	mg/l	Y			0.040	0.090	0.1
KAFB-106223	GW223-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106223	GW223-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106223	GW223-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106223	GW223-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106223	GW223-202	mg/l	Y			0.204	0.375	0.5
KAFB-106223	GW223-202	mg/l	Y			0.239	0.500	1
KAFB-106223	GW223-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106223	GW223-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106223	GW223-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106223	GW223-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106223	GW223-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106223	GW223-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106202	GW202-202	mg/l	Y			1.5	4.5	5
KAFB-106202	GW202-202	mg/l	Y			1.0	1.5	2
KAFB-106202	GW202-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106202	GW202-202	mg/l	Y			0.040	0.090	0.1
KAFB-106202	GW202-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106202	GW202-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106202	GW202-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106202	GW202-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106202	GW202-202	mg/l	Y			0.204	0.375	0.5
KAFB-106202	GW202-202	mg/l	Y			0.239	0.500	1
KAFB-106202	GW202-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106202	GW202-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106202	GW202-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106202	GW202-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106202	GW202-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106202	GW202-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106222	GW222-202	mg/l	Y			1.5	4.5	5
KAFB-106222	GW222-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106222	GW222-202	mg/l	Y			4.0	6.0	8
KAFB-106222	GW222-202	mg/l	Y	J		0.040	0.090	0.1
KAFB-106222	GW222-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106222	GW222-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106222	GW222-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106222	GW222-202	mg/l	Y			0.0400	0.0751	0.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106222	GW222-202	mg/l	Y			0.204	0.375	0.5
KAFB-106222	GW222-202	mg/l	Y			0.239	0.500	1
KAFB-106222	GW222-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106222	GW222-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106222	GW222-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106222	GW222-202	ug/l	N	U	U D2	0.0095	0.019	0.029
KAFB-106222	GW222-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106222	GW222-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106203	GW203-202	mg/l	Y			1.5	4.5	5
KAFB-106203	GW203-202	mg/l	Y			1.0	1.5	2
KAFB-106203	GW203-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106203	GW203-202	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106203	GW203-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106203	GW203-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106203	GW203-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106203	GW203-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106203	GW203-202	mg/l	Y			0.204	0.375	0.5
KAFB-106203	GW203-202	mg/l	Y			0.239	0.500	1
KAFB-106203	GW203-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106203	GW203-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106203	GW203-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106203	GW203-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106203	GW203-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106203	GW203-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106206	GW206-202	mg/l	Y			1.5	4.5	5
KAFB-106206	GW206-202	mg/l	Y	J	J	1.3	2.0	2.5
KAFB-106206	GW206-202	mg/l	Y			10.0	15.0	20
KAFB-106206	GW206-202	mg/l	Y			0.040	0.090	0.1
KAFB-106206	GW206-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106206	GW206-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106206	GW206-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106206	GW206-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106206	GW206-202	mg/l	Y			0.204	0.375	0.5
KAFB-106206	GW206-202	mg/l	Y			0.239	0.500	1
KAFB-106206	GW206-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106206	GW206-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106206	GW206-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106206	GW206-202	ug/l	N	U	U D1	0.0094	0.019	0.028
KAFB-106206	GW206-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106206	GW206-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106219	GW219-202	mg/l	Y			1.5	4.5	5
KAFB-106219	GW219-202	mg/l	Y			1.0	1.5	2
KAFB-106219	GW219-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106219	GW219-202	mg/l	Y			0.040	0.090	0.1
KAFB-106219	GW219-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106219	GW219-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106219	GW219-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106219	GW219-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106219	GW219-202	mg/l	Y			0.204	0.375	0.5
KAFB-106219	GW219-202	mg/l	Y			0.239	0.500	1
KAFB-106219	GW219-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106219	GW219-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106219	GW219-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106219	GW219-202	ug/l	N	U	U D2	0.0095	0.019	0.029
KAFB-106219	GW219-202	mg/l	N	U	U	0.0412	0.103	0.206

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106219	GW219-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106205	GW205-202	mg/l	Y			1.5	4.5	5
KAFB-106205	GW205-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106205	GW205-202	mg/l	Y			10.0	15.0	20
KAFB-106205	GW205-202	mg/l	Y			0.040	0.090	0.1
KAFB-106205	GW205-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106205	GW205-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106205	GW205-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106205	GW205-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106205	GW205-202	mg/l	Y			0.204	0.375	0.5
KAFB-106205	GW205-202	mg/l	Y			0.239	0.500	1
KAFB-106205	GW205-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106205	GW205-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106205	GW205-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106205	GW205-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106205	GW205-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106205	GW205-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106220	GW220-202	mg/l	Y			1.5	4.5	5
KAFB-106220	GW220-202	mg/l	Y			1.0	1.5	2
KAFB-106220	GW220-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106220	GW220-202	mg/l	Y			0.040	0.090	0.1
KAFB-106220	GW220-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106220	GW220-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106220	GW220-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106220	GW220-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106220	GW220-202	mg/l	Y			0.204	0.375	0.5
KAFB-106220	GW220-202	mg/l	Y			0.239	0.500	1
KAFB-106220	GW220-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106220	GW220-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106220	GW220-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106220	GW220-202	ug/l	N	U	U D2	0.0095	0.019	0.028
KAFB-106220	GW220-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106220	GW220-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106221	GW221-202	mg/l	Y			1.5	4.5	5
KAFB-106221	GW221-202	mg/l	Y			1.0	1.5	2
KAFB-106221	GW221-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106221	GW221-202	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106221	GW221-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106221	GW221-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106221	GW221-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106221	GW221-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106221	GW221-202	mg/l	Y			0.204	0.375	0.5
KAFB-106221	GW221-202	mg/l	Y			0.239	0.500	1
KAFB-106221	GW221-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106221	GW221-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106221	GW221-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106221	GW221-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106221	GW221-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106221	GW221-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106204	GW204-202	mg/l	Y			1.5	4.5	5
KAFB-106204	GW204-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106204	GW204-202	mg/l	Y			10.0	15.0	20
KAFB-106204	GW204-202	mg/l	Y			0.040	0.090	0.1
KAFB-106204	GW204-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106204	GW204-202	mgcaco3/l	Y			2.6	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106204	GW204-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106204	GW204-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106204	GW204-202	mg/l	Y			0.204	0.375	0.5
KAFB-106204	GW204-202	mg/l	Y			0.239	0.500	1
KAFB-106204	GW204-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106204	GW204-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106204	GW204-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106204	GW204-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106204	GW204-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106204	GW204-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106055	GW055-202	mg/l	Y			1.5	4.5	5
KAFB-106055	GW055-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106055	GW055-202	mg/l	Y			10.0	15.0	20
KAFB-106055	GW055-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106055	GW055-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106055	GW055-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106055	GW055-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106055	GW055-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106055	GW055-202	mg/l	Y			0.204	0.375	0.5
KAFB-106055	GW055-202	mg/l	Y			0.239	0.500	1
KAFB-106055	GW055-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106055	GW055-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106055	GW055-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106055	GW055-202	ug/l	N	U	U D2	0.0095	0.019	0.029
KAFB-106055	GW055-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106055	GW055-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106218	GW218-202	mg/l	Y			1.5	4.5	5
KAFB-106218	GW218-202	mg/l	Y			1.0	1.5	2
KAFB-106218	GW218-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106218	GW218-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106218	GW218-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106218	GW218-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106218	GW218-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106218	GW218-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106218	GW218-202	mg/l	Y			0.204	0.375	0.5
KAFB-106218	GW218-202	mg/l	Y			0.239	0.500	1
KAFB-106218	GW218-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106218	GW218-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106218	GW218-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106218	GW218-202	ug/l	N	U	U D2	0.0095	0.019	0.029
KAFB-106218	GW218-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106218	GW218-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106057	GW057-202	mg/l	Y			1.5	4.5	5
KAFB-106057	GW057-202	mg/l	Y			1.0	1.5	2
KAFB-106057	GW057-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106057	GW057-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106057	GW057-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106057	GW057-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106057	GW057-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106057	GW057-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106057	GW057-202	mg/l	Y			0.204	0.375	0.5
KAFB-106057	GW057-202	mg/l	Y			0.239	0.500	1
KAFB-106057	GW057-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106057	GW057-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106057	GW057-202	mg/l	Y	J	J	0.00068	0.0016	0.002

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106057	GW057-202	ug/l	N	U	U D2	0.0095	0.019	0.029
KAFB-106057	GW057-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106057	GW057-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106217	GW217-202	mg/l	Y			1.5	4.5	5
KAFB-106217	GW217-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106217	GW217-202	mg/l	Y			2.0	3.0	4
KAFB-106217	GW217-202	mg/l	Y			0.040	0.090	0.1
KAFB-106217	GW217-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106217	GW217-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106217	GW217-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106217	GW217-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106217	GW217-202	mg/l	Y			0.204	0.375	0.5
KAFB-106217	GW217-202	mg/l	Y			0.239	0.500	1
KAFB-106217	GW217-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106217	GW217-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106217	GW217-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106217	GW217-202	ug/l	N	U	U D2	0.0095	0.019	0.028
KAFB-106217	GW217-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106217	GW217-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106229	GW229-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106216	GW216-202	mg/l	Y			1.5	4.5	5
KAFB-106216	GW216-202	mg/l	Y	J	J	1.3	2.0	2.5
KAFB-106216	GW216-202	mg/l	Y			20.0	30.0	40
KAFB-106216	GW216-202	mg/l	Y			0.040	0.090	0.1
KAFB-106216	GW216-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106216	GW216-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106216	GW216-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106216	GW216-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106216	GW216-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106216	GW216-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106216	GW216-202	mg/l	Y			0.204	0.375	0.5
KAFB-106216	GW216-202	mg/l	Y			0.239	0.500	1
KAFB-106216	GW216-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106216	GW216-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106216	GW216-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106216	GW216-202	ug/l	N	U	U D2	0.0095	0.019	0.029
KAFB-106216	GW216-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106216	GW216-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106052	GW052-202	mg/l	Y	J	J	1.3	2.0	2.5
KAFB-106052	GW052-202	mg/l	Y			15.0	45.0	50
KAFB-106052	GW052-202	mg/l	Y			10.0	15.0	20
KAFB-106052	GW052-202	mg/l	Y			0.040	0.090	0.1
KAFB-106052	GW052-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106052	GW052-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106052	GW052-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106052	GW052-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106052	GW052-202	mg/l	Y			0.204	0.375	0.5
KAFB-106052	GW052-202	mg/l	Y			0.239	0.500	1
KAFB-106052	GW052-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106052	GW052-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106052	GW052-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106052	GW052-202	ug/l	N	U	U D2	0.0095	0.019	0.029
KAFB-106052	GW052-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106052	GW052-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106032	GW032-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106032	GW032-202	mg/l	Y			15.0	45.0	50
KAFB-106032	GW032-202	mg/l	Y	J		10.0	15.0	20

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106032	GW032-202	mg/l	Y	J		0.040	0.090	0.1
KAFB-106032	GW032-202	mgcaco3/l	Y	J		2.6	6.0	8
KAFB-106032	GW032-202	mgcaco3/l	Y	J		2.6	6.0	8
KAFB-106032	GW032-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106032	GW032-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106032	GW032-202	mg/l	Y			0.204	0.375	0.5
KAFB-106032	GW032-202	mg/l	Y			0.239	0.500	1
KAFB-106032	GW032-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106032	GW032-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106032	GW032-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106032	GW032-202	ug/l	N	U	U D2	0.0095	0.019	0.029
KAFB-106032	GW032-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106032	GW032-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106053	GW053-202	mg/l	Y	J	J	1.3	2.0	2.5
KAFB-106053	GW053-202	mg/l	Y			15.0	45.0	50
KAFB-106053	GW053-202	mg/l	Y			10.0	15.0	20
KAFB-106053	GW053-202	mg/l	Y			0.040	0.090	0.1
KAFB-106053	GW053-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106053	GW053-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106053	GW053-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106053	GW053-202	mg/l	Y			0.239	0.500	1
KAFB-106053	GW053-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106053	GW053-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106053	GW053-202	mg/l	Y			0.204	0.375	0.5
KAFB-106053	GW053-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106053	GW053-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106053	GW053-202	ug/l	N	U	U D2	0.0095	0.019	0.029
KAFB-106053	GW053-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106053	GW053-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106033	GW033-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106033	GW033-202	mg/l	Y			15.0	45.0	50
KAFB-106033	GW033-202	mg/l	Y			10.0	15.0	20
KAFB-106033	GW033-202	mg/l	Y			0.040	0.090	0.1
KAFB-106033	GW033-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106033	GW033-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106033	GW033-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106033	GW033-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106033	GW033-202	mg/l	Y			0.204	0.375	0.5
KAFB-106033	GW033-202	mg/l	Y			0.239	0.500	1
KAFB-106033	GW033-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106033	GW033-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106033	GW033-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106033	GW033-202	ug/l	N	U	U D2	0.0096	0.019	0.029
KAFB-106033	GW033-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106033	GW033-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106054	GW054-202	mg/l	Y			1.5	4.5	5
KAFB-106054	GW054-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106054	GW054-202	mg/l	Y			10.0	15.0	20
KAFB-106054	GW054-202	mg/l	Y			0.040	0.090	0.1
KAFB-106054	GW054-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106054	GW054-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106054	GW054-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106054	GW054-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106054	GW054-202	mg/l	Y			0.204	0.375	0.5
KAFB-106054	GW054-202	mg/l	Y			0.239	0.500	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106054	GW054-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106054	GW054-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106054	GW054-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106054	GW054-202	ug/l	N	U	U D2	0.0096	0.019	0.029
KAFB-106054	GW054-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106054	GW054-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106034	GW034-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106034	GW034-202	mg/l	Y			15.0	45.0	50
KAFB-106034	GW034-202	mg/l	Y			10.0	15.0	20
KAFB-106034	GW034-202	mg/l	Y			0.040	0.090	0.1
KAFB-106034	GW034-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106034	GW034-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106034	GW034-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106034	GW034-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106034	GW034-202	mg/l	Y			0.204	0.375	0.5
KAFB-106034	GW034-202	mg/l	Y			0.239	0.500	1
KAFB-106034	GW034-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106034	GW034-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106034	GW034-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106034	GW034-202	ug/l	N	U	U D2	0.0096	0.019	0.029
KAFB-106034	GW034-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106034	GW034-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106025	GW025-202	mg/l	Y			1.5	4.5	5
KAFB-106025	GW025-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106025	GW025-202	mg/l	Y			10.0	15.0	20
KAFB-106025	GW025-202	mg/l	Y			0.040	0.090	0.1
KAFB-106025	GW025-202	mgcaco3/l	Y	J		2.6	6.0	8
KAFB-106025	GW025-202	mgcaco3/l	Y	J		2.6	6.0	8
KAFB-106025	GW025-202	mgcaco3/l	Y	J		2.6	6.0	8
KAFB-106025	GW025-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106025	GW025-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106025	GW025-202	mg/l	Y			0.204	0.375	0.5
KAFB-106025	GW025-202	mg/l	Y			0.239	0.500	1
KAFB-106025	GW025-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106025	GW025-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106025	GW025-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106025	GW025-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106025	GW025-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106025	GW025-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106215	GW215-202	mg/l	Y			1.5	4.5	5
KAFB-106215	GW215-202	mg/l	Y			1.0	1.5	2
KAFB-106215	GW215-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106215	GW215-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106215	GW215-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106215	GW215-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106215	GW215-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106215	GW215-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106215	GW215-202	mg/l	Y			0.204	0.375	0.5
KAFB-106215	GW215-202	mg/l	Y			0.239	0.500	1
KAFB-106215	GW215-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106215	GW215-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106215	GW215-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106215	GW215-202	ug/l	N	U	U D2	0.0095	0.019	0.029
KAFB-106215	GW215-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106215	GW215-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106107	GW107-202	mg/l	Y			1.5	4.5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106107	GW107-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106107	GW107-202	mg/l	Y			10.0	15.0	20
KAFB-106107	GW107-202	mg/l	Y			0.040	0.090	0.1
KAFB-106107	GW107-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106107	GW107-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106107	GW107-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106107	GW107-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106107	GW107-202	mg/l	Y			0.204	0.375	0.5
KAFB-106107	GW107-202	mg/l	Y			0.239	0.500	1
KAFB-106107	GW107-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106107	GW107-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106107	GW107-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106107	GW107-202	ug/l	N	U	U D2	0.0095	0.019	0.028
KAFB-106107	GW107-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106107	GW107-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106214	GW214-202	mg/l	Y			1.5	4.5	5
KAFB-106214	GW214-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106214	GW214-202	mg/l	Y			10.0	15.0	20
KAFB-106214	GW214-202	mg/l	Y			0.040	0.090	0.1
KAFB-106214	GW214-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106214	GW214-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106214	GW214-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106214	GW214-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106214	GW214-202	mg/l	Y			0.204	0.375	0.5
KAFB-106214	GW214-202	mg/l	Y			0.239	0.500	1
KAFB-106214	GW214-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106214	GW214-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106214	GW214-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106214	GW214-202	ug/l	N	U	U D2	0.0095	0.019	0.028
KAFB-106214	GW214-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106214	GW214-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106105	GW105-202	mg/l	Y			1.5	4.5	5
KAFB-106105	GW105-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106105	GW105-202	mg/l	Y			10.0	15.0	20
KAFB-106105	GW105-202	mg/l	Y			0.040	0.090	0.1
KAFB-106105	GW105-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106105	GW105-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106105	GW105-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106105	GW105-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106105	GW105-202	mg/l	Y			0.204	0.375	0.5
KAFB-106105	GW105-202	mg/l	Y			0.239	0.500	1
KAFB-106105	GW105-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106105	GW105-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106105	GW105-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106105	GW105-202	ug/l	N	U	U D2	0.0095	0.019	0.029
KAFB-106105	GW105-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106105	GW105-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106213	GW213-202	mg/l	Y			1.5	4.5	5
KAFB-106213	GW213-202	mg/l	Y			1.0	1.5	2
KAFB-106213	GW213-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106213	GW213-202	mg/l	Y			0.040	0.090	0.1
KAFB-106213	GW213-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106213	GW213-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106213	GW213-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106213	GW213-202	mg/l	Y			0.0400	0.0751	0.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106213	GW213-202	mg/l	Y			0.239	0.500	1
KAFB-106213	GW213-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106213	GW213-202	mg/l	N	U		0.204	0.375	0.5
KAFB-106213	GW213-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106213	GW213-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106213	GW213-202	ug/l	N	U	U D2	0.0096	0.019	0.029
KAFB-106213	GW213-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106213	GW213-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106106	GW106-202	mg/l	Y			1.5	4.5	5
KAFB-106106	GW106-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106106	GW106-202	mg/l	Y			10.0	15.0	20
KAFB-106106	GW106-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106106	GW106-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106106	GW106-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106106	GW106-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106106	GW106-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106106	GW106-202	mg/l	Y			0.204	0.375	0.5
KAFB-106106	GW106-202	mg/l	Y			0.239	0.500	1
KAFB-106106	GW106-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106106	GW106-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106106	GW106-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106106	GW106-202	ug/l	Y	J	J D2	0.0096	0.019	0.029
KAFB-106106	GW106-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106106	GW106-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106106	GW106-602	mg/l	Y			1.5	4.5	5
KAFB-106106	GW106-602	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106106	GW106-602	mg/l	Y			10.0	15.0	20
KAFB-106106	GW106-602	mg/l	Y			0.040	0.090	0.1
KAFB-106106	GW106-602	mgcaco3/l	Y	J		2.6	6.0	8
KAFB-106106	GW106-602	mgcaco3/l	Y	J		2.6	6.0	8
KAFB-106106	GW106-602	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106106	GW106-602	mg/l	Y			0.0400	0.0751	0.1
KAFB-106106	GW106-602	mg/l	Y			0.204	0.375	0.5
KAFB-106106	GW106-602	mg/l	Y			0.239	0.500	1
KAFB-106106	GW106-602	mg/l	Y			0.0960	0.150	0.2
KAFB-106106	GW106-602	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106106	GW106-602	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106106	GW106-602	ug/l	Y	J	J D2	0.0095	0.019	0.029
KAFB-106106	GW106-602	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106106	GW106-602	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106037	GW037-202	mg/l	Y			1.5	4.5	5
KAFB-106037	GW037-202	mg/l	Y			1.0	1.5	2
KAFB-106037	GW037-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106037	GW037-202	mg/l	Y			0.040	0.090	0.1
KAFB-106037	GW037-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106037	GW037-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106037	GW037-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106037	GW037-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106037	GW037-202	mg/l	Y			0.204	0.375	0.5
KAFB-106037	GW037-202	mg/l	Y			0.239	0.500	1
KAFB-106037	GW037-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106037	GW037-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106037	GW037-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106037	GW037-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106037	GW037-202	mg/l	N	U	U	0.0031	0.0052	0.0103

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106037	GW037-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106037	GW037-602	mg/l	Y			1.5	4.5	5
KAFB-106037	GW037-602	mg/l	Y			1.0	1.5	2
KAFB-106037	GW037-602	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106037	GW037-602	mg/l	Y			0.040	0.090	0.1
KAFB-106037	GW037-602	mgcaco3/l	Y	J		2.6	6.0	8
KAFB-106037	GW037-602	mgcaco3/l	Y	J		2.6	6.0	8
KAFB-106037	GW037-602	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106037	GW037-602	mg/l	Y			0.0400	0.0751	0.1
KAFB-106037	GW037-602	mg/l	Y			0.204	0.375	0.5
KAFB-106037	GW037-602	mg/l	Y			0.239	0.500	1
KAFB-106037	GW037-602	mg/l	Y			0.0960	0.150	0.2
KAFB-106037	GW037-602	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106037	GW037-602	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106037	GW037-602	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106037	GW037-602	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106037	GW037-602	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106092	GW092-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106092	GW092-202	mg/l	Y			15.0	45.0	50
KAFB-106092	GW092-202	mg/l	Y			10.0	15.0	20
KAFB-106092	GW092-202	mg/l	Y			0.040	0.090	0.1
KAFB-106092	GW092-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106092	GW092-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106092	GW092-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106092	GW092-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106092	GW092-202	mg/l	Y			0.204	0.375	0.5
KAFB-106092	GW092-202	mg/l	Y			0.239	0.500	1
KAFB-106092	GW092-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106092	GW092-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106092	GW092-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106092	GW092-202	ug/l	N	U	U D2	0.0095	0.019	0.029
KAFB-106092	GW092-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106092	GW092-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106036	GW036-202	mg/l	Y			1.5	4.5	5
KAFB-106036	GW036-202	mg/l	Y			1.0	1.5	2
KAFB-106036	GW036-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106036	GW036-202	mg/l	Y			0.040	0.090	0.1
KAFB-106036	GW036-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106036	GW036-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106036	GW036-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106036	GW036-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106036	GW036-202	mg/l	Y			0.204	0.375	0.5
KAFB-106036	GW036-202	mg/l	Y			0.239	0.500	1
KAFB-106036	GW036-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106036	GW036-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106036	GW036-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106036	GW036-202	ug/l	Y		D2	0.0096	0.019	0.029
KAFB-106036	GW036-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106036	GW036-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106093	GW093-202	mg/l	Y			1.5	4.5	5
KAFB-106093	GW093-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106093	GW093-202	mg/l	Y			10.0	15.0	20
KAFB-106093	GW093-202	mg/l	Y			0.040	0.090	0.1
KAFB-106093	GW093-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106093	GW093-202	mgcaco3/l	Y			2.6	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106093	GW093-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106093	GW093-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106093	GW093-202	mg/l	Y			0.204	0.375	0.5
KAFB-106093	GW093-202	mg/l	Y			0.239	0.500	1
KAFB-106093	GW093-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106093	GW093-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106093	GW093-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106093	GW093-202	ug/l	N	U	U D2	0.0095	0.019	0.029
KAFB-106093	GW093-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106093	GW093-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106035	GW035-202	mg/l	Y			1.5	4.5	5
KAFB-106035	GW035-202	mg/l	Y			1.0	1.5	2
KAFB-106035	GW035-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106035	GW035-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106035	GW035-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106035	GW035-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106035	GW035-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106035	GW035-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106035	GW035-202	mg/l	Y			0.239	0.500	1
KAFB-106035	GW035-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106035	GW035-202	mg/l	N	U		0.204	0.375	0.5
KAFB-106035	GW035-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106035	GW035-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106035	GW035-202	ug/l	Y		D2	0.0095	0.019	0.029
KAFB-106035	GW035-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106035	GW035-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106091	GW091-202	mg/l	Y	J	J	1.3	2.0	2.5
KAFB-106091	GW091-202	mg/l	Y			15.0	45.0	50
KAFB-106091	GW091-202	mg/l	Y			10.0	15.0	20
KAFB-106091	GW091-202	mg/l	Y			0.040	0.090	0.1
KAFB-106091	GW091-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106091	GW091-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106091	GW091-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106091	GW091-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106091	GW091-202	mg/l	Y			0.204	0.375	0.5
KAFB-106091	GW091-202	mg/l	Y			0.239	0.500	1
KAFB-106091	GW091-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106091	GW091-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106091	GW091-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106091	GW091-202	ug/l	N	U	U D2	0.0095	0.019	0.029
KAFB-106091	GW091-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106091	GW091-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106091	GW091-602	mg/l	Y	J	J	1.3	2.0	2.5
KAFB-106091	GW091-602	mg/l	Y			15.0	45.0	50
KAFB-106091	GW091-602	mg/l	Y			10.0	15.0	20
KAFB-106091	GW091-602	mg/l	Y			0.040	0.090	0.1
KAFB-106091	GW091-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106091	GW091-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106091	GW091-602	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106091	GW091-602	mg/l	Y			0.0400	0.0751	0.1
KAFB-106091	GW091-602	mg/l	Y			0.204	0.375	0.5
KAFB-106091	GW091-602	mg/l	Y			0.239	0.500	1
KAFB-106091	GW091-602	mg/l	Y			0.0960	0.150	0.2
KAFB-106091	GW091-602	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106091	GW091-602	mg/l	N	U	U	0.00068	0.0016	0.002

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106091	GW091-602	ug/l	N	U	U D2	0.0095	0.019	0.029
KAFB-106091	GW091-602	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106091	GW091-602	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106212	GW212-202	mg/l	Y			1.5	4.5	5
KAFB-106212	GW212-202	mg/l	Y			1.0	1.5	2
KAFB-106212	GW212-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106212	GW212-202	mg/l	Y			0.040	0.090	0.1
KAFB-106212	GW212-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106212	GW212-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106212	GW212-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106212	GW212-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106212	GW212-202	mg/l	Y			0.239	0.500	1
KAFB-106212	GW212-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106212	GW212-202	mg/l	N	U		0.204	0.375	0.5
KAFB-106212	GW212-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106212	GW212-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106212	GW212-202	ug/l	N	U	U D2	0.0094	0.019	0.028
KAFB-106212	GW212-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106212	GW212-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106241-428	GW241-428-202	mg/l	Y			1.5	4.5	5
KAFB-106241-428	GW241-428-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106241-428	GW241-428-202	mg/l	Y			2.0	3.0	4
KAFB-106241-428	GW241-428-202	mg/l	Y			0.040	0.090	0.1
KAFB-106241-428	GW241-428-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106241-428	GW241-428-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106241-428	GW241-428-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106241-428	GW241-428-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106241-428	GW241-428-202	mg/l	Y			0.239	0.500	1
KAFB-106241-428	GW241-428-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106241-428	GW241-428-202	mg/l	Y			0.204	0.375	0.5
KAFB-106241-428	GW241-428-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106241-428	GW241-428-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106241-428	GW241-428-202	ug/l	Y	J	J D1	0.0096	0.019	0.029
KAFB-106241-428	GW241-428-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106241-428	GW241-428-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106243-425	GW243-425-202	mg/l	Y			1.5	4.5	5
KAFB-106243-425	GW243-425-202	mg/l	Y			1.0	1.5	2
KAFB-106243-425	GW243-425-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106243-425	GW243-425-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106243-425	GW243-425-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106243-425	GW243-425-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106243-425	GW243-425-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106243-425	GW243-425-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106243-425	GW243-425-202	mg/l	Y			0.239	0.500	1
KAFB-106243-425	GW243-425-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106243-425	GW243-425-202	mg/l	Y			0.204	0.375	0.5
KAFB-106243-425	GW243-425-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106243-425	GW243-425-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106243-425	GW243-425-202	ug/l	Y	J	J D1	0.0096	0.019	0.029
KAFB-106243-425	GW243-425-202	mg/l	Y	J	J	0.0031	0.0052	0.0103
KAFB-106243-425	GW243-425-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106058	GW058-202	mg/l	Y			1.5	4.5	5
KAFB-106058	GW058-202	mg/l	Y			1.0	1.5	2
KAFB-106058	GW058-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106058	GW058-202	mg/l	Y			0.040	0.090	0.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106058	GW058-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106058	GW058-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106058	GW058-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106058	GW058-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106058	GW058-202	mg/l	Y			0.239	0.500	1
KAFB-106058	GW058-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106058	GW058-202	mg/l	Y			0.204	0.375	0.5
KAFB-106058	GW058-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106058	GW058-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106058	GW058-202	ug/l	N	U	U D1	0.0094	0.019	0.028
KAFB-106058	GW058-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106058	GW058-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106058	GW058-602	mg/l	Y			1.5	4.5	5
KAFB-106058	GW058-602	mg/l	Y			1.0	1.5	2
KAFB-106058	GW058-602	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106058	GW058-602	mg/l	Y			0.040	0.090	0.1
KAFB-106058	GW058-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106058	GW058-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106058	GW058-602	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106058	GW058-602	mg/l	Y			0.0400	0.0751	0.1
KAFB-106058	GW058-602	mg/l	Y			0.239	0.500	1
KAFB-106058	GW058-602	mg/l	Y			0.0960	0.150	0.2
KAFB-106058	GW058-602	mg/l	Y			0.204	0.375	0.5
KAFB-106058	GW058-602	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106058	GW058-602	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106058	GW058-602	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106058	GW058-602	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106058	GW058-602	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106090	GW090-202	mg/l	Y			1.5	4.5	5
KAFB-106090	GW090-202	mg/l	Y			1.0	1.5	2
KAFB-106090	GW090-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106090	GW090-202	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106090	GW090-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106090	GW090-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106090	GW090-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106090	GW090-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106090	GW090-202	mg/l	Y			0.239	0.500	1
KAFB-106090	GW090-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106090	GW090-202	mg/l	Y			0.204	0.375	0.5
KAFB-106090	GW090-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106090	GW090-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106090	GW090-202	ug/l	N	U	U D1	0.0094	0.019	0.028
KAFB-106090	GW090-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106090	GW090-202	mg/l	Y	J	J	0.0031	0.0052	0.0103
KAFB-106089	GW089-202	mg/l	Y			1.5	4.5	5
KAFB-106089	GW089-202	mg/l	Y			1.0	1.5	2
KAFB-106089	GW089-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106089	GW089-202	mg/l	Y			0.040	0.090	0.1
KAFB-106089	GW089-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106089	GW089-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106089	GW089-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106089	GW089-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106089	GW089-202	mg/l	Y			0.239	0.500	1
KAFB-106089	GW089-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106089	GW089-202	mg/l	Y			0.204	0.375	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106089	GW089-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106089	GW089-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106089	GW089-202	ug/l	N	U	U D1	0.018	0.036	0.036
KAFB-106089	GW089-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106089	GW089-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106240-449	GW240-449-202	mg/l	Y	J		1.5	4.5	5
KAFB-106240-449	GW240-449-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106240-449	GW240-449-202	mg/l	Y			20.0	30.0	40
KAFB-106240-449	GW240-449-202	mg/l	Y	J		0.040	0.090	0.1
KAFB-106240-449	GW240-449-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106240-449	GW240-449-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106240-449	GW240-449-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106240-449	GW240-449-202	mg/l	Y			0.239	0.500	1
KAFB-106240-449	GW240-449-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106240-449	GW240-449-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106240-449	GW240-449-202	mg/l	Y			0.204	0.375	0.5
KAFB-106240-449	GW240-449-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106240-449	GW240-449-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106240-449	GW240-449-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106240-449	GW240-449-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106240-449	GW240-449-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106240-449	GW240-449-202	ug/l	N	U	U	1	2	6
KAFB-106240-449	GW240-449-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106240-449	GW240-449-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106240-449	GW240-449-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106088	GW088-202	mg/l	Y			1.5	4.5	5
KAFB-106088	GW088-202	mg/l	Y			1.0	1.5	2
KAFB-106088	GW088-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106088	GW088-202	mg/l	Y			0.040	0.090	0.1
KAFB-106088	GW088-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106088	GW088-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106088	GW088-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106088	GW088-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106088	GW088-202	mg/l	Y			0.239	0.500	1
KAFB-106088	GW088-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106088	GW088-202	mg/l	Y			0.204	0.375	0.5
KAFB-106088	GW088-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106088	GW088-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106088	GW088-202	ug/l	Y		D1	0.0095	0.019	0.029
KAFB-106088	GW088-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106088	GW088-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106088	GW088-602	mg/l	Y			1.5	4.5	5
KAFB-106088	GW088-602	mg/l	Y			1.0	1.5	2
KAFB-106088	GW088-602	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106088	GW088-602	mg/l	Y			0.040	0.090	0.1
KAFB-106088	GW088-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106088	GW088-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106088	GW088-602	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106088	GW088-602	mg/l	Y			0.0400	0.0751	0.1
KAFB-106088	GW088-602	mg/l	Y			0.239	0.500	1
KAFB-106088	GW088-602	mg/l	Y			0.0960	0.150	0.2
KAFB-106088	GW088-602	mg/l	Y			0.204	0.375	0.5
KAFB-106088	GW088-602	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106088	GW088-602	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106088	GW088-602	ug/l	Y		D1	0.0095	0.019	0.028

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106088	GW088-602	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106088	GW088-602	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106049	GW049-202	mg/l	Y			1.3	2.0	2.5
KAFB-106049	GW049-202	mg/l	Y			15.0	45.0	50
KAFB-106049	GW049-202	mg/l	Y			10.0	15.0	20
KAFB-106049	GW049-202	mg/l	Y			0.20	0.45	0.5
KAFB-106049	GW049-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106049	GW049-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106049	GW049-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106049	GW049-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106049	GW049-202	mg/l	Y			0.239	0.500	1
KAFB-106049	GW049-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106049	GW049-202	mg/l	Y			0.204	0.375	0.5
KAFB-106049	GW049-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106049	GW049-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106049	GW049-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106049	GW049-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106049	GW049-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106244-445	GW244-445-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106244-445	GW244-445-202	mg/l	Y			15.0	45.0	50
KAFB-106244-445	GW244-445-202	mg/l	Y			10.0	15.0	20
KAFB-106244-445	GW244-445-202	mg/l	Y			0.040	0.090	0.1
KAFB-106244-445	GW244-445-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106244-445	GW244-445-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106244-445	GW244-445-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106244-445	GW244-445-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106244-445	GW244-445-202	mg/l	Y			0.239	0.500	1
KAFB-106244-445	GW244-445-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106244-445	GW244-445-202	mg/l	Y			0.204	0.375	0.5
KAFB-106244-445	GW244-445-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106244-445	GW244-445-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106244-445	GW244-445-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106244-445	GW244-445-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106244-445	GW244-445-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106244-445	GW244-445-202	ug/l	N	U	U	1	2	6
KAFB-106244-445	GW244-445-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106244-445	GW244-445-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106244-445	GW244-445-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106051	GW051-202	mg/l	Y	J	J	1.3	2.0	2.5
KAFB-106051	GW051-202	mg/l	Y			15.0	45.0	50
KAFB-106051	GW051-202	mg/l	Y			10.0	15.0	20
KAFB-106051	GW051-202	mg/l	Y			0.040	0.090	0.1
KAFB-106051	GW051-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106051	GW051-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106051	GW051-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106051	GW051-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106051	GW051-202	mg/l	Y			0.239	0.500	1
KAFB-106051	GW051-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106051	GW051-202	mg/l	Y			0.204	0.375	0.5
KAFB-106051	GW051-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106051	GW051-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106051	GW051-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106051	GW051-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106051	GW051-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106050	GW050-202	mg/l	Y			1.5	4.5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106050	GW050-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106050	GW050-202	mg/l	Y			10.0	15.0	20
KAFB-106050	GW050-202	mg/l	Y			0.040	0.090	0.1
KAFB-106050	GW050-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106050	GW050-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106050	GW050-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106050	GW050-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106050	GW050-202	mg/l	Y			0.239	0.500	1
KAFB-106050	GW050-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106050	GW050-202	mg/l	Y			0.204	0.375	0.5
KAFB-106050	GW050-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106050	GW050-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106050	GW050-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106050	GW050-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106050	GW050-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106043	GW043-202	mg/l	Y			1.5	4.5	5
KAFB-106043	GW043-202	mg/l	Y			1.0	1.5	2
KAFB-106043	GW043-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106043	GW043-202	mg/l	Y			0.040	0.090	0.1
KAFB-106043	GW043-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106043	GW043-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106043	GW043-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106043	GW043-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106043	GW043-202	mg/l	Y			0.239	0.500	1
KAFB-106043	GW043-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106043	GW043-202	mg/l	Y			0.204	0.375	0.5
KAFB-106043	GW043-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106043	GW043-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106043	GW043-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106043	GW043-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106043	GW043-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106245-460	GW245-460-202	mg/l	Y			1.5	4.5	5
KAFB-106245-460	GW245-460-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106245-460	GW245-460-202	mg/l	Y			10.0	15.0	20
KAFB-106245-460	GW245-460-202	mg/l	Y			0.20	0.45	0.5
KAFB-106245-460	GW245-460-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106245-460	GW245-460-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106245-460	GW245-460-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106245-460	GW245-460-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106245-460	GW245-460-202	mg/l	Y			0.239	0.500	1
KAFB-106245-460	GW245-460-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106245-460	GW245-460-202	mg/l	Y			0.204	0.375	0.5
KAFB-106245-460	GW245-460-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106245-460	GW245-460-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106245-460	GW245-460-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106245-460	GW245-460-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106245-460	GW245-460-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106245-460	GW245-460-202	ug/l	N	U	U	1	2	6
KAFB-106245-460	GW245-460-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106245-460	GW245-460-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106245-460	GW245-460-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106041	GW041-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106041	GW041-202	mg/l	Y			6.0	18.0	20
KAFB-106041	GW041-202	mg/l	Y			4.0	6.0	8
KAFB-106041	GW041-202	mg/l	Y			0.040	0.090	0.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106041	GW041-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106041	GW041-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106041	GW041-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106041	GW041-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106041	GW041-202	mg/l	Y			0.239	0.500	1
KAFB-106041	GW041-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106041	GW041-202	mg/l	Y			0.204	0.375	0.5
KAFB-106041	GW041-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106041	GW041-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106041	GW041-202	ug/l	Y		D1	0.0095	0.019	0.029
KAFB-106041	GW041-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106041	GW041-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106S4-446	GWS4-446-202	mg/l	Y	J	J	1.3	2.0	2.5
KAFB-106S4-446	GWS4-446-202	mg/l	Y			15.0	45.0	50
KAFB-106S4-446	GWS4-446-202	mg/l	Y			10.0	15.0	20
KAFB-106S4-446	GWS4-446-202	mg/l	Y			0.20	0.45	0.5
KAFB-106S4-446	GWS4-446-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106S4-446	GWS4-446-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106S4-446	GWS4-446-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106S4-446	GWS4-446-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106S4-446	GWS4-446-202	mg/l	Y			0.239	0.500	1
KAFB-106S4-446	GWS4-446-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106S4-446	GWS4-446-202	mg/l	Y			0.204	0.375	0.5
KAFB-106S4-446	GWS4-446-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106S4-446	GWS4-446-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106S4-446	GWS4-446-202	ug/l	N	U	U D1	0.024	0.048	0.048
KAFB-106S4-446	GWS4-446-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106S4-446	GWS4-446-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106S4-446	GWS4-446-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106S4-446	GWS4-446-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106S4-446	GWS4-446-202	ug/l	N	U	U	1	2	6
KAFB-106S4-446	GWS4-446-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106S4-446	GWS4-446-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106S4-446	GWS4-446-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106042	GW042-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106042	GW042-202	mg/l	Y			6.0	18.0	20
KAFB-106042	GW042-202	mg/l	Y			4.0	6.0	8
KAFB-106042	GW042-202	mg/l	Y			0.040	0.090	0.1
KAFB-106042	GW042-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106042	GW042-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106042	GW042-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106042	GW042-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106042	GW042-202	mg/l	Y			0.239	0.500	1
KAFB-106042	GW042-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106042	GW042-202	mg/l	Y			0.204	0.375	0.5
KAFB-106042	GW042-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106042	GW042-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106042	GW042-202	ug/l	Y		D1	0.0096	0.019	0.029
KAFB-106042	GW042-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106042	GW042-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106247-450	GW247-450-202	mg/l	Y			1.5	4.5	5
KAFB-106247-450	GW247-450-202	mg/l	Y			1.0	1.5	2
KAFB-106247-450	GW247-450-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106247-450	GW247-450-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106247-450	GW247-450-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106247-450	GW247-450-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106247-450	GW247-450-202	mg/l	Y			0.0400	0.0751	0.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106247-450	GW247-450-202	mg/l	Y			0.239	0.500	1
KAFB-106247-450	GW247-450-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106247-450	GW247-450-202	mg/l	Y			0.204	0.375	0.5
KAFB-106247-450	GW247-450-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106247-450	GW247-450-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106247-450	GW247-450-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106247-450	GW247-450-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106247-450	GW247-450-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106247-450	GW247-450-202	ug/l	N	U	U	1	2	6
KAFB-106247-450	GW247-450-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106247-450	GW247-450-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106247-450	GW247-450-202	mg/l	Y	J	J	0.0031	0.0052	0.0103
KAFB-106S1-447	GWS1-447-202	mg/l	Y			1.5	4.5	5
KAFB-106S1-447	GWS1-447-202	mg/l	Y	J	J	1.3	2.0	2.5
KAFB-106S1-447	GWS1-447-202	mg/l	Y			2.0	3.0	4
KAFB-106S1-447	GWS1-447-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S1-447	GWS1-447-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106S1-447	GWS1-447-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106S1-447	GWS1-447-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106S1-447	GWS1-447-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106S1-447	GWS1-447-202	mg/l	Y			0.239	0.500	1
KAFB-106S1-447	GWS1-447-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106S1-447	GWS1-447-202	mg/l	Y			0.204	0.375	0.5
KAFB-106S1-447	GWS1-447-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106S1-447	GWS1-447-202	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S1-447	GWS1-447-202	ug/l	Y		D1	95	190	290
KAFB-106S1-447	GWS1-447-202	ug/l	Y			4	8	10
KAFB-106S1-447	GWS1-447-202	ug/l	Y			14	20	60
KAFB-106S1-447	GWS1-447-202	ug/l	Y			20	50	100
KAFB-106S1-447	GWS1-447-202	ug/l	Y			20	50	100
KAFB-106S1-447	GWS1-447-202	mg/l	Y			0.0412	0.103	0.206
KAFB-106S1-447	GWS1-447-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106S2-451	GWS2-451-202	mg/l	Y	J	J	1.3	2.0	2.5
KAFB-106S2-451	GWS2-451-202	mg/l	Y			1.5	4.5	5
KAFB-106S2-451	GWS2-451-202	mg/l	Y			10.0	15.0	20
KAFB-106S2-451	GWS2-451-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S2-451	GWS2-451-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106S2-451	GWS2-451-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106S2-451	GWS2-451-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106S2-451	GWS2-451-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106S2-451	GWS2-451-202	mg/l	Y			0.239	0.500	1
KAFB-106S2-451	GWS2-451-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106S2-451	GWS2-451-202	mg/l	Y			0.204	0.375	0.5
KAFB-106S2-451	GWS2-451-202	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106S2-451	GWS2-451-202	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S2-451	GWS2-451-202	ug/l	Y		D1	9.6	19	29
KAFB-106S2-451	GWS2-451-202	ug/l	Y			2	4	5
KAFB-106S2-451	GWS2-451-202	ug/l	Y			7	10	30
KAFB-106S2-451	GWS2-451-202	ug/l	Y			10	25	50
KAFB-106S2-451	GWS2-451-202	ug/l	Y			10	25	50
KAFB-106S2-451	GWS2-451-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106S2-451	GWS2-451-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106026	GW026-202	mg/l	Y			1.5	4.5	5
KAFB-106026	GW026-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106026	GW026-202	mg/l	Y			10.0	15.0	20

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106026	GW026-202	mg/l	Y			0.040	0.090	0.1
KAFB-106026	GW026-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106026	GW026-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106026	GW026-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106026	GW026-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106026	GW026-202	mg/l	Y			0.204	0.375	0.5
KAFB-106026	GW026-202	mg/l	Y			0.239	0.500	1
KAFB-106026	GW026-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106026	GW026-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106026	GW026-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106026	GW026-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106026	GW026-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106026	GW026-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106028	GW028-202	mg/l	Y			1.5	4.5	5
KAFB-106028	GW028-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106028	GW028-202	mg/l	Y			10.0	15.0	20
KAFB-106028	GW028-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106028	GW028-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106028	GW028-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106028	GW028-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106028	GW028-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106028	GW028-202	mg/l	Y			0.239	0.500	1
KAFB-106028	GW028-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106028	GW028-202	mg/l	Y			0.204	0.375	0.5
KAFB-106028	GW028-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106028	GW028-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106028	GW028-202	ug/l	Y	J	D1	0.19	0.38	0.57
KAFB-106028	GW028-202	ug/l	Y			0.4	0.8	1
KAFB-106028	GW028-202	ug/l	Y			0.2	0.5	1
KAFB-106028	GW028-202	ug/l	Y			1	2	6
KAFB-106028	GW028-202	ug/l	Y			2	5	10
KAFB-106028	GW028-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106028	GW028-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106028	GW028-602	mg/l	Y			1.5	4.5	5
KAFB-106028	GW028-602	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106028	GW028-602	mg/l	Y			10.0	15.0	20
KAFB-106028	GW028-602	mg/l	Y			0.040	0.090	0.1
KAFB-106028	GW028-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106028	GW028-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106028	GW028-602	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106028	GW028-602	mg/l	Y			0.0400	0.0751	0.1
KAFB-106028	GW028-602	mg/l	Y			0.239	0.500	1
KAFB-106028	GW028-602	mg/l	Y			0.0960	0.150	0.2
KAFB-106028	GW028-602	mg/l	Y			0.204	0.375	0.5
KAFB-106028	GW028-602	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106028	GW028-602	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106028	GW028-602	ug/l	Y	J	D1	0.19	0.38	0.57
KAFB-106028	GW028-602	ug/l	Y			0.4	0.8	1
KAFB-106028	GW028-602	ug/l	Y			0.2	0.5	1
KAFB-106028	GW028-602	ug/l	Y			1	2	6
KAFB-106028	GW028-602	ug/l	Y			2	5	10
KAFB-106028	GW028-602	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106028	GW028-602	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106230	GW230-202	mg/l	Y			1.5	4.5	5
KAFB-106230	GW230-202	mg/l	N	U	U	1.3	2.0	2.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106230	GW230-202	mg/l	Y			10.0	15.0	20
KAFB-106230	GW230-202	mg/l	Y			0.040	0.090	0.1
KAFB-106230	GW230-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106230	GW230-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106230	GW230-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106230	GW230-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106230	GW230-202	mg/l	Y			0.239	0.500	1
KAFB-106230	GW230-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106230	GW230-202	mg/l	Y			0.204	0.375	0.5
KAFB-106230	GW230-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106230	GW230-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106230	GW230-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106230	GW230-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106230	GW230-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106207	GW207-202	mg/l	Y			1.5	4.5	5
KAFB-106207	GW207-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106207	GW207-202	mg/l	Y			10.0	15.0	20
KAFB-106207	GW207-202	mg/l	Y	J		0.040	0.090	0.1
KAFB-106207	GW207-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106207	GW207-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106207	GW207-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106207	GW207-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106207	GW207-202	mg/l	Y			0.239	0.500	1
KAFB-106207	GW207-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106207	GW207-202	mg/l	Y			0.204	0.375	0.5
KAFB-106207	GW207-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106207	GW207-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106207	GW207-202	ug/l	N	U	U D1	0.0094	0.019	0.028
KAFB-106207	GW207-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106207	GW207-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106208	GW208-202	mg/l	Y			1.5	4.5	5
KAFB-106208	GW208-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106208	GW208-202	mg/l	Y			10.0	15.0	20
KAFB-106208	GW208-202	mg/l	Y			0.040	0.090	0.1
KAFB-106208	GW208-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106208	GW208-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106208	GW208-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106208	GW208-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106208	GW208-202	mg/l	Y			0.239	0.500	1
KAFB-106208	GW208-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106208	GW208-202	mg/l	Y			0.204	0.375	0.5
KAFB-106208	GW208-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106208	GW208-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106208	GW208-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106208	GW208-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106208	GW208-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106208	GW208-602	mg/l	Y			1.5	4.5	5
KAFB-106208	GW208-602	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106208	GW208-602	mg/l	Y			10.0	15.0	20
KAFB-106208	GW208-602	mg/l	Y			0.040	0.090	0.1
KAFB-106208	GW208-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106208	GW208-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106208	GW208-602	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106208	GW208-602	mg/l	Y			0.0400	0.0751	0.1
KAFB-106208	GW208-602	mg/l	Y			0.239	0.500	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106208	GW208-602	mg/l	Y			0.0960	0.150	0.2
KAFB-106208	GW208-602	mg/l	Y			0.204	0.375	0.5
KAFB-106208	GW208-602	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106208	GW208-602	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106208	GW208-602	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106208	GW208-602	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106208	GW208-602	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106S8-451	GWS8-451-202	mg/l	Y	J		1.5	4.5	5
KAFB-106S8-451	GWS8-451-202	mg/l	Y	J		1.0	1.5	2
KAFB-106S8-451	GWS8-451-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106S8-451	GWS8-451-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S8-451	GWS8-451-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106S8-451	GWS8-451-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106S8-451	GWS8-451-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106S8-451	GWS8-451-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106S8-451	GWS8-451-202	mg/l	Y			0.239	0.500	1
KAFB-106S8-451	GWS8-451-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106S8-451	GWS8-451-202	mg/l	Y			0.204	0.375	0.5
KAFB-106S8-451	GWS8-451-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106S8-451	GWS8-451-202	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S8-451	GWS8-451-202	ug/l	Y	J	D1	38	76	110
KAFB-106S8-451	GWS8-451-202	ug/l	Y			2	4	5
KAFB-106S8-451	GWS8-451-202	ug/l	Y			7	10	30
KAFB-106S8-451	GWS8-451-202	ug/l	Y			10	25	50
KAFB-106S8-451	GWS8-451-202	ug/l	Y			10	25	50
KAFB-106S8-451	GWS8-451-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106S8-451	GWS8-451-202	mg/l	Y			0.0412	0.103	0.206
KAFB-106209	GW209-202	mg/l	Y			1.5	4.5	5
KAFB-106209	GW209-202	mg/l	Y			1.0	1.5	2
KAFB-106209	GW209-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106209	GW209-202	mg/l	Y			0.040	0.090	0.1
KAFB-106209	GW209-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106209	GW209-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106209	GW209-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106209	GW209-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106209	GW209-202	mg/l	Y			0.239	0.500	1
KAFB-106209	GW209-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106209	GW209-202	mg/l	N	U		0.204	0.375	0.5
KAFB-106209	GW209-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106209	GW209-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106209	GW209-202	ug/l	N	U	U D1	0.0094	0.019	0.028
KAFB-106209	GW209-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106209	GW209-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106S3-449	GWS3-449-202	mg/l	Y	J	J	1.5	4.5	5
KAFB-106S3-449	GWS3-449-202	mg/l	Y			1.3	2.0	2.5
KAFB-106S3-449	GWS3-449-202	mg/l	Y			10.0	15.0	20
KAFB-106S3-449	GWS3-449-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S3-449	GWS3-449-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106S3-449	GWS3-449-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106S3-449	GWS3-449-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106S3-449	GWS3-449-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106S3-449	GWS3-449-202	mg/l	Y			0.239	0.500	1
KAFB-106S3-449	GWS3-449-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106S3-449	GWS3-449-202	mg/l	Y			0.204	0.375	0.5
KAFB-106S3-449	GWS3-449-202	mg/l	Y			0.000071	0.00025	0.0005

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S3-449	GWS3-449-202	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S3-449	GWS3-449-202	ug/l	Y	J	D1	3.8	7.6	11
KAFB-106S3-449	GWS3-449-202	ug/l	Y			2	4	5
KAFB-106S3-449	GWS3-449-202	ug/l	Y			1	3	5
KAFB-106S3-449	GWS3-449-202	ug/l	Y			7	10	30
KAFB-106S3-449	GWS3-449-202	ug/l	Y			10	25	50
KAFB-106S3-449	GWS3-449-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106S3-449	GWS3-449-202	mg/l	Y			0.0412	0.103	0.206
KAFB-106023	GW023-202	mg/l	Y			1.5	4.5	5
KAFB-106023	GW023-202	mg/l	Y			1.0	1.5	2
KAFB-106023	GW023-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106023	GW023-202	mg/l	Y			0.040	0.090	0.1
KAFB-106023	GW023-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106023	GW023-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106023	GW023-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106023	GW023-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106023	GW023-202	mg/l	Y			0.239	0.500	1
KAFB-106023	GW023-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106023	GW023-202	mg/l	N	U		0.204	0.375	0.5
KAFB-106023	GW023-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106023	GW023-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106023	GW023-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106023	GW023-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106023	GW023-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106079	GW079-202	mg/l	Y			1.5	4.5	5
KAFB-106079	GW079-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106079	GW079-202	mg/l	Y			10.0	15.0	20
KAFB-106079	GW079-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106079	GW079-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106079	GW079-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106079	GW079-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106079	GW079-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106079	GW079-202	mg/l	Y			0.239	0.500	1
KAFB-106079	GW079-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106079	GW079-202	mg/l	Y			0.204	0.375	0.5
KAFB-106079	GW079-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106079	GW079-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106079	GW079-202	ug/l	Y	J	J D1	0.0096	0.019	0.029
KAFB-106079	GW079-202	ug/l	Y	J	J	0.4	0.8	1
KAFB-106079	GW079-202	ug/l	Y	J	J	0.2	0.5	1
KAFB-106079	GW079-202	ug/l	N	U	U	1	2	6
KAFB-106079	GW079-202	ug/l	Y			0.2	0.5	1
KAFB-106079	GW079-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106079	GW079-202	mg/l	Y			0.0412	0.103	0.206
KAFB-106103	GW103-202	mg/l	Y			1.0	1.5	2
KAFB-106103	GW103-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106103	GW103-202	mg/l	Y			1.5	4.5	5
KAFB-106103	GW103-202	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106103	GW103-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106103	GW103-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106103	GW103-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106103	GW103-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106103	GW103-202	mg/l	Y			0.239	0.500	1
KAFB-106103	GW103-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106103	GW103-202	mg/l	N	U		0.204	0.375	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106103	GW103-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106103	GW103-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106103	GW103-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106103	GW103-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106103	GW103-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106152-484	GW152-484-202	mg/l	Y			1.5	4.5	5
KAFB-106152-484	GW152-484-202	mg/l	Y	J	J	1.3	2.0	2.5
KAFB-106152-484	GW152-484-202	mg/l	Y			10.0	15.0	20
KAFB-106152-484	GW152-484-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106152-484	GW152-484-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106152-484	GW152-484-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106152-484	GW152-484-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106152-484	GW152-484-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106152-484	GW152-484-202	mg/l	Y			0.204	0.375	0.5
KAFB-106152-484	GW152-484-202	mg/l	Y			0.239	0.500	1
KAFB-106152-484	GW152-484-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106152-484	GW152-484-202	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106152-484	GW152-484-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106152-484	GW152-484-202	ug/l	N	U	U D2	0.0095	0.019	0.029
KAFB-106152-484	GW152-484-202	ug/l	Y			0.2	0.5	1
KAFB-106152-484	GW152-484-202	ug/l	Y			4	8	10
KAFB-106152-484	GW152-484-202	ug/l	Y			14	20	60
KAFB-106152-484	GW152-484-202	ug/l	Y			2	5	10
KAFB-106152-484	GW152-484-202	mg/l	Y			0.0412	0.103	0.206
KAFB-106152-484	GW152-484-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106104	GW104-202	mg/l	Y			1.5	4.5	5
KAFB-106104	GW104-202	mg/l	Y			1.0	1.5	2
KAFB-106104	GW104-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106104	GW104-202	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106104	GW104-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106104	GW104-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106104	GW104-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106104	GW104-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106104	GW104-202	mg/l	Y			0.204	0.375	0.5
KAFB-106104	GW104-202	mg/l	Y			0.239	0.500	1
KAFB-106104	GW104-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106104	GW104-202	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106104	GW104-202	mg/l	Y			0.00068	0.0016	0.002
KAFB-106104	GW104-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106104	GW104-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106104	GW104-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106S5-446	GWS5-446-202	mg/l	N	U	U	1.5	4.5	5
KAFB-106S5-446	GWS5-446-202	mg/l	Y			1.0	1.5	2
KAFB-106S5-446	GWS5-446-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106S5-446	GWS5-446-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S5-446	GWS5-446-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106S5-446	GWS5-446-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106S5-446	GWS5-446-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106S5-446	GWS5-446-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106S5-446	GWS5-446-202	mg/l	Y			0.239	0.500	1
KAFB-106S5-446	GWS5-446-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106S5-446	GWS5-446-202	mg/l	Y			0.204	0.375	0.5
KAFB-106S5-446	GWS5-446-202	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106S5-446	GWS5-446-202	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S5-446	GWS5-446-202	ug/l	Y		D1	0.96	1.9	2.9

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S5-446	GWS5-446-202	ug/l	Y			4	8	10
KAFB-106S5-446	GWS5-446-202	ug/l	Y			14	20	60
KAFB-106S5-446	GWS5-446-202	ug/l	Y			2	5	10
KAFB-106S5-446	GWS5-446-202	ug/l	Y			20	50	100
KAFB-106S5-446	GWS5-446-202	mg/l	Y			0.0412	0.103	0.206
KAFB-106S5-446	GWS5-446-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106070	GW070-202	mg/l	Y			1.5	4.5	5
KAFB-106070	GW070-202	mg/l	Y			1.0	1.5	2
KAFB-106070	GW070-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106070	GW070-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106070	GW070-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106070	GW070-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106070	GW070-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106070	GW070-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106070	GW070-202	mg/l	Y			0.204	0.375	0.5
KAFB-106070	GW070-202	mg/l	Y			0.239	0.500	1
KAFB-106070	GW070-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106070	GW070-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106070	GW070-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106070	GW070-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106070	GW070-202	mg/l	Y	J	J	0.0412	0.103	0.206
KAFB-106070	GW070-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106070	GW070-602	mg/l	Y			1.5	4.5	5
KAFB-106070	GW070-602	mg/l	Y			1.0	1.5	2
KAFB-106070	GW070-602	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106070	GW070-602	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106070	GW070-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106070	GW070-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106070	GW070-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106070	GW070-602	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106070	GW070-602	mg/l	Y			0.0400	0.0751	0.1
KAFB-106070	GW070-602	mg/l	Y			0.239	0.500	1
KAFB-106070	GW070-602	mg/l	Y			0.0960	0.150	0.2
KAFB-106070	GW070-602	mg/l	Y			0.204	0.375	0.5
KAFB-106070	GW070-602	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106070	GW070-602	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106070	GW070-602	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106070	GW070-602	mg/l	Y	J	J	0.0412	0.103	0.206
KAFB-106070	GW070-602	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106S7-451	GWS7-451-202	mg/l	N	U	U	1.5	4.5	5
KAFB-106S7-451	GWS7-451-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106S7-451	GWS7-451-202	mg/l	Y			2.0	3.0	4
KAFB-106S7-451	GWS7-451-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S7-451	GWS7-451-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106S7-451	GWS7-451-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106S7-451	GWS7-451-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106S7-451	GWS7-451-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106S7-451	GWS7-451-202	mg/l	Y			0.239	0.500	1
KAFB-106S7-451	GWS7-451-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106S7-451	GWS7-451-202	mg/l	Y			0.204	0.375	0.5
KAFB-106S7-451	GWS7-451-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106S7-451	GWS7-451-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106S7-451	GWS7-451-202	ug/l	Y		D1	3.8	7.5	11
KAFB-106S7-451	GWS7-451-202	ug/l	Y			8	16	20
KAFB-106S7-451	GWS7-451-202	ug/l	Y			4	10	20
KAFB-106S7-451	GWS7-451-202	ug/l	Y			28	40	120

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S7-451	GWS7-451-202	ug/l	Y			4	10	20
KAFB-106S7-451	GWS7-451-202	mg/l	Y			0.0412	0.103	0.206
KAFB-106S7-451	GWS7-451-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106072	GW072-202	mg/l	Y			1.5	4.5	5
KAFB-106072	GW072-202	mg/l	Y			1.0	1.5	2
KAFB-106072	GW072-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106072	GW072-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106072	GW072-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106072	GW072-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106072	GW072-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106072	GW072-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106072	GW072-202	mg/l	Y			0.204	0.375	0.5
KAFB-106072	GW072-202	mg/l	Y			0.239	0.500	1
KAFB-106072	GW072-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106072	GW072-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106072	GW072-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106072	GW072-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106072	GW072-202	mg/l	Y	J	J	0.0412	0.103	0.206
KAFB-106072	GW072-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106071	GW071-202	mg/l	Y			1.5	4.5	5
KAFB-106071	GW071-202	mg/l	Y			1.0	1.5	2
KAFB-106071	GW071-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106071	GW071-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106071	GW071-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106071	GW071-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106071	GW071-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106071	GW071-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106071	GW071-202	mg/l	Y			0.204	0.375	0.5
KAFB-106071	GW071-202	mg/l	Y			0.239	0.500	1
KAFB-106071	GW071-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106071	GW071-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106071	GW071-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106071	GW071-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106071	GW071-202	mg/l	N	UJ	U	0.0412	0.103	0.206
KAFB-106071	GW071-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106151-484	GW151-484-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106151-484	GW151-484-202	mg/l	Y			15.0	45.0	50
KAFB-106151-484	GW151-484-202	mg/l	Y			10.0	15.0	20
KAFB-106151-484	GW151-484-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106151-484	GW151-484-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106151-484	GW151-484-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106151-484	GW151-484-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106151-484	GW151-484-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106151-484	GW151-484-202	mg/l	Y			0.239	0.500	1
KAFB-106151-484	GW151-484-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106151-484	GW151-484-202	mg/l	Y			0.204	0.375	0.5
KAFB-106151-484	GW151-484-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106151-484	GW151-484-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106151-484	GW151-484-202	ug/l	Y		D1	0.19	0.38	0.57
KAFB-106151-484	GW151-484-202	ug/l	Y			2	4	5
KAFB-106151-484	GW151-484-202	ug/l	Y			7	10	30
KAFB-106151-484	GW151-484-202	ug/l	Y			10	25	50
KAFB-106151-484	GW151-484-202	ug/l	Y			10	25	50
KAFB-106151-484	GW151-484-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106151-484	GW151-484-202	mg/l	N	U	U	0.0031	0.0052	0.0103

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106005	GW005-202	mg/l	Y			1.3	2.0	2.5
KAFB-106005	GW005-202	mg/l	Y			15.0	45.0	50
KAFB-106005	GW005-202	mg/l	Y	J		10.0	15.0	20
KAFB-106005	GW005-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106005	GW005-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106005	GW005-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106005	GW005-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106005	GW005-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106005	GW005-202	mg/l	Y			0.239	0.500	1
KAFB-106005	GW005-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106005	GW005-202	mg/l	Y			0.204	0.375	0.5
KAFB-106005	GW005-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106005	GW005-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106005	GW005-202	ug/l	Y	J	J D1	0.0095	0.019	0.029
KAFB-106005	GW005-202	ug/l	Y			0.4	0.8	1
KAFB-106005	GW005-202	ug/l	Y			0.2	0.5	1
KAFB-106005	GW005-202	ug/l	Y			1	2	6
KAFB-106005	GW005-202	ug/l	Y	J		0.2	0.5	1
KAFB-106005	GW005-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106005	GW005-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106008	GW008-602	mg/l	N	U	U	1.5	4.5	5
KAFB-106008	GW008-602	mg/l	Y			1.0	1.5	2
KAFB-106008	GW008-602	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106008	GW008-602	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106008	GW008-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106008	GW008-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106008	GW008-602	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106008	GW008-602	mg/l	Y			0.0400	0.0751	0.1
KAFB-106008	GW008-602	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106008	GW008-602	mg/l	Y			0.0400	0.0751	0.1
KAFB-106008	GW008-602	mg/l	Y			0.204	0.375	0.5
KAFB-106008	GW008-602	mg/l	Y			0.239	0.500	1
KAFB-106008	GW008-602	mg/l	Y			0.0960	0.150	0.2
KAFB-106008	GW008-602	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106008	GW008-602	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106008	GW008-602	ug/l	Y		D1	0.048	0.095	0.14
KAFB-106008	GW008-602	ug/l	Y			8	16	20
KAFB-106008	GW008-602	ug/l	Y			4	10	20
KAFB-106008	GW008-602	ug/l	Y			28	40	120
KAFB-106008	GW008-602	ug/l	Y			40	100	200
KAFB-106008	GW008-602	mg/l	Y			0.0412	0.103	0.206
KAFB-106008	GW008-602	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106008	GW008-202	mg/l	N	U	U	1.5	4.5	5
KAFB-106008	GW008-202	mg/l	Y			1.0	1.5	2
KAFB-106008	GW008-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106008	GW008-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106008	GW008-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106008	GW008-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106008	GW008-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106008	GW008-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106008	GW008-202	mg/l	Y			0.204	0.375	0.5
KAFB-106008	GW008-202	mg/l	Y			0.239	0.500	1
KAFB-106008	GW008-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106008	GW008-202	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106008	GW008-202	mg/l	Y			0.00068	0.0016	0.002
KAFB-106008	GW008-202	ug/l	Y		D1	0.048	0.095	0.14
KAFB-106008	GW008-202	ug/l	Y			8	16	20

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106008	GW008-202	ug/l	Y			4	10	20
KAFB-106008	GW008-202	ug/l	Y			28	40	120
KAFB-106008	GW008-202	ug/l	Y			40	100	200
KAFB-106008	GW008-202	mg/l	Y			0.0412	0.103	0.206
KAFB-106008	GW008-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106009	GW009-202	mg/l	Y			1.3	2.0	2.5
KAFB-106009	GW009-202	mg/l	Y			15.0	45.0	50
KAFB-106009	GW009-202	mg/l	Y			10.0	15.0	20
KAFB-106009	GW009-202	mg/l	Y			0.080	0.18	0.2
KAFB-106009	GW009-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106009	GW009-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106009	GW009-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106009	GW009-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106009	GW009-202	mg/l	Y			0.239	0.500	1
KAFB-106009	GW009-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106009	GW009-202	mg/l	Y			0.204	0.375	0.5
KAFB-106009	GW009-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106009	GW009-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106009	GW009-202	ug/l	Y	J	J D1	0.0096	0.019	0.029
KAFB-106009	GW009-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106009	GW009-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106009	GW009-202	ug/l	N	U	U	1	2	6
KAFB-106009	GW009-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106009	GW009-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106009	GW009-202	mg/l	Y	J	J	0.0031	0.0052	0.0103
KAFB-106009	GW009-602	mg/l	Y			1.3	2.0	2.5
KAFB-106009	GW009-602	mg/l	Y			15.0	45.0	50
KAFB-106009	GW009-602	mg/l	Y			10.0	15.0	20
KAFB-106009	GW009-602	mg/l	Y			0.080	0.18	0.2
KAFB-106009	GW009-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106009	GW009-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106009	GW009-602	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106009	GW009-602	mg/l	Y			0.0400	0.0751	0.1
KAFB-106009	GW009-602	mg/l	Y			0.239	0.500	1
KAFB-106009	GW009-602	mg/l	Y			0.0960	0.150	0.2
KAFB-106009	GW009-602	mg/l	Y			0.204	0.375	0.5
KAFB-106009	GW009-602	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106009	GW009-602	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106009	GW009-602	ug/l	Y	J	J D1	0.0095	0.019	0.029
KAFB-106009	GW009-602	ug/l	N	U	U	0.4	0.8	1
KAFB-106009	GW009-602	ug/l	N	U	U	0.2	0.5	1
KAFB-106009	GW009-602	ug/l	N	U	U	1	2	6
KAFB-106009	GW009-602	ug/l	N	U	U	0.2	0.5	1
KAFB-106009	GW009-602	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106009	GW009-602	mg/l	Y	J	J	0.0031	0.0052	0.0103
KAFB-106S9-447	GWS9-447-202	mg/l	Y			1.5	4.5	5
KAFB-106S9-447	GWS9-447-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106S9-447	GWS9-447-202	mg/l	Y			2.0	3.0	4
KAFB-106S9-447	GWS9-447-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S9-447	GWS9-447-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106S9-447	GWS9-447-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106S9-447	GWS9-447-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106S9-447	GWS9-447-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106S9-447	GWS9-447-202	mg/l	Y			0.204	0.375	0.5
KAFB-106S9-447	GWS9-447-202	mg/l	Y			0.239	0.500	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S9-447	GWS9-447-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106S9-447	GWS9-447-202	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106S9-447	GWS9-447-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106S9-447	GWS9-447-202	ug/l	Y		D1	3.8	7.6	11
KAFB-106S9-447	GWS9-447-202	ug/l	Y			8	16	20
KAFB-106S9-447	GWS9-447-202	ug/l	Y			28	40	120
KAFB-106S9-447	GWS9-447-202	ug/l	Y			40	100	200
KAFB-106S9-447	GWS9-447-202	ug/l	Y			40	100	200
KAFB-106S9-447	GWS9-447-202	mg/l	Y			0.0412	0.103	0.206
KAFB-106S9-447	GWS9-447-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106001	GW001-202	mg/l	Y			1.5	4.5	5
KAFB-106001	GW001-202	mg/l	Y			1.0	1.5	2
KAFB-106001	GW001-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106001	GW001-202	mg/l	Y			0.040	0.090	0.1
KAFB-106001	GW001-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106001	GW001-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106001	GW001-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106001	GW001-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106001	GW001-202	mg/l	Y			0.204	0.375	0.5
KAFB-106001	GW001-202	mg/l	Y			0.239	0.500	1
KAFB-106001	GW001-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106001	GW001-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106001	GW001-202	mg/l	Y			0.00068	0.0016	0.002
KAFB-106001	GW001-202	ug/l	Y		D1	0.19	0.38	0.57
KAFB-106001	GW001-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106001	GW001-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106149-484	GW149-484-202	mg/l	N	U	U	1.5	4.5	5
KAFB-106149-484	GW149-484-202	mg/l	Y			1.0	1.5	2
KAFB-106149-484	GW149-484-202	mg/l	N	U	U	1.5	4.5	5
KAFB-106149-484	GW149-484-202	mg/l	Y			1.0	1.5	2
KAFB-106149-484	GW149-484-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106149-484	GW149-484-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106149-484	GW149-484-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106149-484	GW149-484-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106149-484	GW149-484-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106149-484	GW149-484-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106149-484	GW149-484-202	mg/l	Y			0.239	0.500	1
KAFB-106149-484	GW149-484-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106149-484	GW149-484-202	mg/l	Y			0.204	0.375	0.5
KAFB-106149-484	GW149-484-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106149-484	GW149-484-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106149-484	GW149-484-202	ug/l	Y		D1	9.5	19	29
KAFB-106149-484	GW149-484-202	ug/l	Y			2	4	5
KAFB-106149-484	GW149-484-202	ug/l	Y			7	10	30
KAFB-106149-484	GW149-484-202	ug/l	Y			10	25	50
KAFB-106149-484	GW149-484-202	ug/l	Y			10	25	50
KAFB-106149-484	GW149-484-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106149-484	GW149-484-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106153-484	GW153-484-202	mg/l	N	U	U	1.5	4.5	5
KAFB-106153-484	GW153-484-202	mg/l	Y			1.0	1.5	2
KAFB-106153-484	GW153-484-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106153-484	GW153-484-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106153-484	GW153-484-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106153-484	GW153-484-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106153-484	GW153-484-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106153-484	GW153-484-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106153-484	GW153-484-202	mg/l	Y			0.204	0.375	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106153-484	GW153-484-202	mg/l	Y			0.239	0.500	1
KAFB-106153-484	GW153-484-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106153-484	GW153-484-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106153-484	GW153-484-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106153-484	GW153-484-202	ug/l	Y		D1	9.5	19	29
KAFB-106153-484	GW153-484-202	ug/l	Y			8	16	20
KAFB-106153-484	GW153-484-202	ug/l	Y			28	40	120
KAFB-106153-484	GW153-484-202	ug/l	Y			40	100	200
KAFB-106153-484	GW153-484-202	ug/l	Y			40	100	200
KAFB-106153-484	GW153-484-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106153-484	GW153-484-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106047	GW047-202	mg/l	Y			1.5	4.5	5
KAFB-106047	GW047-202	mg/l	Y			1.0	1.5	2
KAFB-106047	GW047-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106047	GW047-202	mg/l	Y			0.040	0.090	0.1
KAFB-106047	GW047-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106047	GW047-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106047	GW047-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106047	GW047-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106047	GW047-202	mg/l	Y			0.239	0.500	1
KAFB-106047	GW047-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106047	GW047-202	mg/l	Y			0.204	0.375	0.5
KAFB-106047	GW047-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106047	GW047-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106047	GW047-202	ug/l	N	U	U D1	0.0094	0.019	0.028
KAFB-106047	GW047-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106047	GW047-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106011	GW011-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106011	GW011-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106011	GW011-202	mg/l	Y			40.0	60.0	80
KAFB-106011	GW011-202	mg/l	Y			6.0	18.0	20
KAFB-106011	GW011-202	mg/l	Y			0.20	0.45	0.5
KAFB-106011	GW011-202	mgcaco3/l	Y	J		2.6	6.0	8
KAFB-106011	GW011-202	mgcaco3/l	Y	J		2.6	6.0	8
KAFB-106011	GW011-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106011	GW011-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106011	GW011-202	mg/l	Y			0.204	0.375	0.5
KAFB-106011	GW011-202	mg/l	Y			0.239	0.500	1
KAFB-106011	GW011-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106011	GW011-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106011	GW011-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106011	GW011-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106011	GW011-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106011	GW011-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106011	GW011-202	ug/l	N	U	U	1	2	6
KAFB-106011	GW011-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106011	GW011-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106011	GW011-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106002	GW002-202	mg/l	Y			1.5	4.5	5
KAFB-106002	GW002-202	mg/l	Y			1.0	1.5	2
KAFB-106002	GW002-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106002	GW002-202	mg/l	Y			0.040	0.090	0.1
KAFB-106002	GW002-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106002	GW002-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106002	GW002-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106002	GW002-202	mg/l	Y			0.0400	0.0751	0.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106002	GW002-202	mg/l	Y			0.239	0.500	1
KAFB-106002	GW002-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106002	GW002-202	mg/l	Y			0.204	0.375	0.5
KAFB-106002	GW002-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106002	GW002-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106002	GW002-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106002	GW002-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106002	GW002-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106002	GW002-602	mg/l	Y			1.5	4.5	5
KAFB-106002	GW002-602	mg/l	Y			1.0	1.5	2
KAFB-106002	GW002-602	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106002	GW002-602	mg/l	Y			0.040	0.090	0.1
KAFB-106002	GW002-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106002	GW002-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106002	GW002-602	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106002	GW002-602	mg/l	Y			0.0400	0.0751	0.1
KAFB-106002	GW002-602	mg/l	Y			0.204	0.375	0.5
KAFB-106002	GW002-602	mg/l	Y			0.239	0.500	1
KAFB-106002	GW002-602	mg/l	Y			0.0960	0.150	0.2
KAFB-106002	GW002-602	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106002	GW002-602	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106002	GW002-602	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106002	GW002-602	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106002	GW002-602	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106016	GW016-202	mg/l	Y			1.5	4.5	5
KAFB-106016	GW016-202	mg/l	Y			1.0	1.5	2
KAFB-106016	GW016-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106016	GW016-202	mg/l	Y			0.040	0.090	0.1
KAFB-106016	GW016-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106016	GW016-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106016	GW016-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106016	GW016-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106016	GW016-202	mg/l	Y			0.239	0.500	1
KAFB-106016	GW016-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106016	GW016-202	mg/l	Y			0.204	0.375	0.5
KAFB-106016	GW016-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106016	GW016-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106016	GW016-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106016	GW016-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106016	GW016-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106027	GW027-202	mg/l	Y			1.5	4.5	5
KAFB-106027	GW027-202	mg/l	Y			1.0	1.5	2
KAFB-106027	GW027-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106027	GW027-202	mg/l	Y			0.040	0.090	0.1
KAFB-106027	GW027-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106027	GW027-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106027	GW027-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106027	GW027-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106027	GW027-202	mg/l	Y			0.204	0.375	0.5
KAFB-106027	GW027-202	mg/l	Y			0.239	0.500	1
KAFB-106027	GW027-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106027	GW027-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106027	GW027-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106027	GW027-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106027	GW027-202	mg/l	N	UJ	U	0.0412	0.103	0.206

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106027	GW027-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106044	GW044-202	mg/l	Y			1.5	4.5	5
KAFB-106044	GW044-202	mg/l	Y			1.0	1.5	2
KAFB-106044	GW044-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106044	GW044-202	mg/l	Y			0.040	0.090	0.1
KAFB-106044	GW044-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106044	GW044-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106044	GW044-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106044	GW044-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106044	GW044-202	mg/l	Y			0.204	0.375	0.5
KAFB-106044	GW044-202	mg/l	Y			0.239	0.500	1
KAFB-106044	GW044-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106044	GW044-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106044	GW044-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106044	GW044-202	ug/l	N	U	U D1	0.0097	0.019	0.029
KAFB-106044	GW044-202	mg/l	N	UJ	U	0.0412	0.103	0.206
KAFB-106044	GW044-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106075	GW075-202	mg/l	Y			1.5	4.5	5
KAFB-106075	GW075-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106075	GW075-202	mg/l	Y			10.0	15.0	20
KAFB-106075	GW075-202	mg/l	Y			0.040	0.090	0.1
KAFB-106075	GW075-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106075	GW075-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106075	GW075-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106075	GW075-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106075	GW075-202	mg/l	Y			0.204	0.375	0.5
KAFB-106075	GW075-202	mg/l	Y			0.239	0.500	1
KAFB-106075	GW075-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106075	GW075-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106075	GW075-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106075	GW075-202	ug/l	Y	J	J D1	0.0095	0.019	0.028
KAFB-106075	GW075-202	mg/l	N	UJ	U	0.0412	0.103	0.206
KAFB-106075	GW075-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106024	GW024-202	mg/l	Y	J		1.5	4.5	5
KAFB-106024	GW024-202	mg/l	Y	J		1.0	1.5	2
KAFB-106024	GW024-202	mg/l	N	UJ	U	1.3	2.0	2.5
KAFB-106024	GW024-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106024	GW024-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106024	GW024-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106024	GW024-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106024	GW024-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106024	GW024-202	mg/l	Y			0.204	0.375	0.5
KAFB-106024	GW024-202	mg/l	Y			0.239	0.500	1
KAFB-106024	GW024-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106024	GW024-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106024	GW024-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106024	GW024-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106024	GW024-202	mg/l	N	UJ	U	0.0412	0.103	0.206
KAFB-106024	GW024-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106060	GW060-202	mg/l	Y			1.5	4.5	5
KAFB-106060	GW060-202	mg/l	Y			1.0	1.5	2
KAFB-106060	GW060-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106060	GW060-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106060	GW060-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106060	GW060-202	mgcaco3/l	Y			2.6	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106060	GW060-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106060	GW060-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106060	GW060-202	mg/l	Y			0.204	0.375	0.5
KAFB-106060	GW060-202	mg/l	Y			0.239	0.500	1
KAFB-106060	GW060-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106060	GW060-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106060	GW060-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106060	GW060-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106060	GW060-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106060	GW060-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106060	GW060-202	ug/l	N	U	U	1	2	6
KAFB-106060	GW060-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106060	GW060-202	mg/l	N	UJ	U	0.0412	0.103	0.206
KAFB-106060	GW060-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106068	GW068-202	mg/l	Y			1.5	4.5	5
KAFB-106068	GW068-202	mg/l	Y			1.0	1.5	2
KAFB-106068	GW068-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106068	GW068-202	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106068	GW068-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106068	GW068-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106068	GW068-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106068	GW068-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106068	GW068-202	mg/l	Y			0.204	0.375	0.5
KAFB-106068	GW068-202	mg/l	Y			0.239	0.500	1
KAFB-106068	GW068-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106068	GW068-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106068	GW068-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106068	GW068-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106068	GW068-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106068	GW068-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106068	GW068-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106068	GW068-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106068	GW068-202	ug/l	N	U	U	1	2	6
KAFB-106068	GW068-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106068	GW068-202	mg/l	N	UJ	U	0.0412	0.103	0.206
KAFB-106068	GW068-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106094	GW094-202	mg/l	Y			1.5	4.5	5
KAFB-106094	GW094-202	mg/l	Y			1.0	1.5	2
KAFB-106094	GW094-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106094	GW094-202	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106094	GW094-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106094	GW094-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106094	GW094-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106094	GW094-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106094	GW094-202	mg/l	Y			0.204	0.375	0.5
KAFB-106094	GW094-202	mg/l	Y			0.239	0.500	1
KAFB-106094	GW094-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106094	GW094-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106094	GW094-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106094	GW094-202	ug/l	N	UJ	U D1	0.0095	0.019	0.029
KAFB-106094	GW094-202	mg/l	Y	J	J	0.0412	0.103	0.206
KAFB-106094	GW094-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106067	GW067-202	mg/l	Y			1.5	4.5	5
KAFB-106067	GW067-202	mg/l	Y			1.0	1.5	2
KAFB-106067	GW067-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106067	GW067-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106067	GW067-202	mgcaco3/l	Y			2.6	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106067	GW067-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106067	GW067-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106067	GW067-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106067	GW067-202	mg/l	Y			0.204	0.375	0.5
KAFB-106067	GW067-202	mg/l	Y			0.239	0.500	1
KAFB-106067	GW067-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106067	GW067-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106067	GW067-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106067	GW067-202	ug/l	N	UJ	U D1	0.0095	0.019	0.028
KAFB-106067	GW067-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106067	GW067-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106067	GW067-202	ug/l	N	U	U	1	2	6
KAFB-106067	GW067-202	ug/l	Y			0.2	0.5	1
KAFB-106067	GW067-202	mg/l	Y	J	J	0.0412	0.103	0.206
KAFB-106067	GW067-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106078	GW078-202	mg/l	Y			1.5	4.5	5
KAFB-106078	GW078-202	mg/l	Y			1.0	1.5	2
KAFB-106078	GW078-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106078	GW078-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106078	GW078-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106078	GW078-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106078	GW078-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106078	GW078-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106078	GW078-202	mg/l	Y			0.204	0.375	0.5
KAFB-106078	GW078-202	mg/l	Y			0.239	0.500	1
KAFB-106078	GW078-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106078	GW078-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106078	GW078-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106078	GW078-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106078	GW078-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106078	GW078-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106078	GW078-202	ug/l	N	U	U	1	2	6
KAFB-106078	GW078-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106078	GW078-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106078	GW078-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106017	GW017-202	mg/l	Y			1.5	4.5	5
KAFB-106017	GW017-202	mg/l	Y			1.0	1.5	2
KAFB-106017	GW017-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106017	GW017-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106017	GW017-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106017	GW017-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106017	GW017-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106017	GW017-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106017	GW017-202	mg/l	Y			0.204	0.375	0.5
KAFB-106017	GW017-202	mg/l	Y			0.239	0.500	1
KAFB-106017	GW017-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106017	GW017-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106017	GW017-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106017	GW017-202	ug/l	Y		D1	0.0095	0.019	0.028
KAFB-106017	GW017-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106017	GW017-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106017	GW017-202	ug/l	N	U	U	1	2	6
KAFB-106017	GW017-202	ug/l	Y	J	J	0.2	0.5	1
KAFB-106017	GW017-202	ug/l	N	U	U	1	2	5
KAFB-106017	GW017-202	mg/l	Y	J	J	0.0412	0.103	0.206

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106017	GW017-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106062	GW062-202	mg/l	Y	J		1.5	4.5	5
KAFB-106062	GW062-202	mg/l	Y			1.0	1.5	2
KAFB-106062	GW062-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106062	GW062-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106062	GW062-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106062	GW062-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106062	GW062-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106062	GW062-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106062	GW062-202	mg/l	Y			0.204	0.375	0.5
KAFB-106062	GW062-202	mg/l	Y			0.239	0.500	1
KAFB-106062	GW062-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106062	GW062-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106062	GW062-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106062	GW062-202	ug/l	N	UJ	U D1	0.0095	0.019	0.028
KAFB-106062	GW062-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106062	GW062-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106062	GW062-202	ug/l	N	U	U	1	2	6
KAFB-106062	GW062-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106062	GW062-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106062	GW062-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106065	GW065-202	mg/l	Y			1.5	4.5	5
KAFB-106065	GW065-202	mg/l	Y			1.0	1.5	2
KAFB-106065	GW065-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106065	GW065-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106065	GW065-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106065	GW065-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106065	GW065-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106065	GW065-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106065	GW065-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106065	GW065-202	mg/l	Y			0.239	0.500	1
KAFB-106065	GW065-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106065	GW065-202	mg/l	Y			0.204	0.375	0.5
KAFB-106065	GW065-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106065	GW065-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106065	GW065-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106065	GW065-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106065	GW065-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106065	GW065-202	ug/l	N	U	U	1	2	6
KAFB-106065	GW065-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106065	GW065-202	mg/l	Y	J	J	0.0412	0.103	0.206
KAFB-106065	GW065-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106038	GW038-202	mg/l	Y	J	J	1.3	2.0	2.5
KAFB-106038	GW038-202	mg/l	Y			15.0	45.0	50
KAFB-106038	GW038-202	mg/l	Y	J		10.0	15.0	20
KAFB-106038	GW038-202	mg/l	Y	J		0.040	0.090	0.1
KAFB-106038	GW038-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106038	GW038-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106038	GW038-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106038	GW038-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106038	GW038-202	mg/l	Y			0.239	0.500	1
KAFB-106038	GW038-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106038	GW038-202	mg/l	Y			0.204	0.375	0.5
KAFB-106038	GW038-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106038	GW038-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106038	GW038-202	ug/l	N	U	U D1	0.0096	0.019	0.029

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106038	GW038-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106038	GW038-202	ug/l	N	U		0.2	0.5	1
KAFB-106038	GW038-202	ug/l	N	U	U	1	2	6
KAFB-106038	GW038-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106038	GW038-202	ug/l	N	U	U	1	2	5
KAFB-106038	GW038-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106038	GW038-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106066	GW066-202	mg/l	Y			1.5	4.5	5
KAFB-106066	GW066-202	mg/l	Y			1.0	1.5	2
KAFB-106066	GW066-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106066	GW066-202	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106066	GW066-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106066	GW066-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106066	GW066-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106066	GW066-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106066	GW066-202	mg/l	Y			0.239	0.500	1
KAFB-106066	GW066-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106066	GW066-202	mg/l	Y			0.204	0.375	0.5
KAFB-106066	GW066-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106066	GW066-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106066	GW066-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106066	GW066-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106066	GW066-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106066	GW066-202	ug/l	N	U	U	1	2	6
KAFB-106066	GW066-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106066	GW066-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106066	GW066-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106046	GW046-202	mg/l	Y			1.5	4.5	5
KAFB-106046	GW046-202	mg/l	Y			1.0	1.5	2
KAFB-106046	GW046-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106046	GW046-202	mg/l	Y			0.040	0.090	0.1
KAFB-106046	GW046-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106046	GW046-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106046	GW046-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106046	GW046-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106046	GW046-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106046	GW046-202	mg/l	Y			0.239	0.500	1
KAFB-106046	GW046-202	mg/l	Y			0.204	0.375	0.5
KAFB-106046	GW046-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106046	GW046-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106046	GW046-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106046	GW046-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106046	GW046-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106039	GW039-202	mg/l	Y			1.5	4.5	5
KAFB-106039	GW039-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106039	GW039-202	mg/l	Y			10.0	15.0	20
KAFB-106039	GW039-202	mg/l	Y			0.040	0.090	0.1
KAFB-106039	GW039-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106039	GW039-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106039	GW039-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106039	GW039-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106039	GW039-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106039	GW039-202	mg/l	Y			0.239	0.500	1
KAFB-106039	GW039-202	mg/l	Y			0.204	0.375	0.5
KAFB-106039	GW039-202	mg/l	Y	J	J	0.000071	0.00025	0.0005

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106039	GW039-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106039	GW039-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106039	GW039-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106039	GW039-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106080	GW080-202	mg/l	Y			40.0	60.0	80
KAFB-106080	GW080-202	mg/l	Y			1.5	4.5	5
KAFB-106080	GW080-202	mg/l	Y			1.3	2.0	2.5
KAFB-106080	GW080-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106080	GW080-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106080	GW080-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106080	GW080-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106080	GW080-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106080	GW080-202	mg/l	Y			0.204	0.375	0.5
KAFB-106080	GW080-202	mg/l	Y			0.239	0.500	1
KAFB-106080	GW080-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106080	GW080-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106080	GW080-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106080	GW080-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106080	GW080-202	ug/l	Y			0.4	0.8	1
KAFB-106080	GW080-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106080	GW080-202	ug/l	N	U	U	1	2	6
KAFB-106080	GW080-202	ug/l	Y			0.2	0.5	1
KAFB-106080	GW080-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106080	GW080-202	mg/l	Y			0.0412	0.103	0.206
KAFB-106040	GW040-202	mg/l	Y			1.0	1.5	2
KAFB-106040	GW040-202	mg/l	Y			1.5	4.5	5
KAFB-106040	GW040-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106040	GW040-202	mg/l	Y			0.040	0.090	0.1
KAFB-106040	GW040-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106040	GW040-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106040	GW040-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106040	GW040-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106040	GW040-202	mg/l	Y			0.204	0.375	0.5
KAFB-106040	GW040-202	mg/l	Y			0.239	0.500	1
KAFB-106040	GW040-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106040	GW040-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106040	GW040-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106040	GW040-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106040	GW040-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106040	GW040-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106069	GW069-202	mg/l	Y			1.5	4.5	5
KAFB-106069	GW069-202	mg/l	Y			1.0	1.5	2
KAFB-106069	GW069-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106069	GW069-202	mg/l	Y			0.040	0.090	0.1
KAFB-106069	GW069-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106069	GW069-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106069	GW069-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106069	GW069-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106069	GW069-202	mg/l	Y			0.204	0.375	0.5
KAFB-106069	GW069-202	mg/l	Y			0.239	0.500	1
KAFB-106069	GW069-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106069	GW069-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106069	GW069-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106069	GW069-202	ug/l	Y	J	J D1	0.0096	0.019	0.029
KAFB-106069	GW069-202	ug/l	N	U	U	0.4	0.8	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106069	GW069-202	ug/l	Y			0.2	0.5	1
KAFB-106069	GW069-202	ug/l	N	U	U	1	2	6
KAFB-106069	GW069-202	ug/l	Y	J	J	0.2	0.5	1
KAFB-106069	GW069-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106069	GW069-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106012R	GW012R-202	mg/l	Y			1.3	2.0	2.5
KAFB-106012R	GW012R-202	mg/l	Y	J		60.0	180	200
KAFB-106012R	GW012R-202	mg/l	Y	J		40.0	60.0	80
KAFB-106012R	GW012R-202	mg/l	Y			0.080	0.18	0.2
KAFB-106012R	GW012R-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106012R	GW012R-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106012R	GW012R-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106012R	GW012R-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106012R	GW012R-202	mg/l	Y			0.239	0.500	1
KAFB-106012R	GW012R-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106012R	GW012R-202	mg/l	Y			0.204	0.375	0.5
KAFB-106012R	GW012R-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106012R	GW012R-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106012R	GW012R-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106012R	GW012R-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106012R	GW012R-202	ug/l	Y			0.2	0.5	1
KAFB-106012R	GW012R-202	ug/l	N	U	U	1	2	6
KAFB-106012R	GW012R-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106012R	GW012R-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106012R	GW012R-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106019	GW019-202	mg/l	Y			100	150	200
KAFB-106019	GW019-202	mg/l	Y			1.3	2.0	2.5
KAFB-106019	GW019-202	mg/l	Y			15.0	45.0	50
KAFB-106019	GW019-202	mg/l	Y			0.20	0.45	0.5
KAFB-106019	GW019-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106019	GW019-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106019	GW019-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106019	GW019-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106019	GW019-202	mg/l	Y			0.204	0.375	0.5
KAFB-106019	GW019-202	mg/l	Y			0.239	0.500	1
KAFB-106019	GW019-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106019	GW019-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106019	GW019-202	mg/l	Y			0.00068	0.0016	0.002
KAFB-106019	GW019-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106019	GW019-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106019	GW019-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106045	GW045-202	mg/l	Y			1.5	4.5	5
KAFB-106045	GW045-202	mg/l	Y			1.0	1.5	2
KAFB-106045	GW045-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106045	GW045-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106045	GW045-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106045	GW045-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106045	GW045-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106045	GW045-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106045	GW045-202	mg/l	Y			0.204	0.375	0.5
KAFB-106045	GW045-202	mg/l	Y			0.239	0.500	1
KAFB-106045	GW045-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106045	GW045-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106045	GW045-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106045	GW045-202	ug/l	N	U	U D1	0.0095	0.019	0.028

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106045	GW045-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106045	GW045-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106006	GW006-202	mg/l	Y	J	J	1.5	4.5	5
KAFB-106006	GW006-202	mg/l	Y			1.0	1.5	2
KAFB-106006	GW006-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106006	GW006-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106006	GW006-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106006	GW006-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106006	GW006-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106006	GW006-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106006	GW006-202	mg/l	Y			0.204	0.375	0.5
KAFB-106006	GW006-202	mg/l	Y			0.239	0.500	1
KAFB-106006	GW006-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106006	GW006-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106006	GW006-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106006	GW006-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106006	GW006-202	ug/l	Y			0.4	0.8	1
KAFB-106006	GW006-202	ug/l	Y	J	J	0.2	0.5	1
KAFB-106006	GW006-202	ug/l	Y	J	J	1	2	6
KAFB-106006	GW006-202	ug/l	Y			0.2	0.5	1
KAFB-106006	GW006-202	mg/l	Y	J	J	0.0412	0.103	0.206
KAFB-106006	GW006-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-3411	GW3411-202	mg/l	Y			1.5	4.5	5
KAFB-3411	GW3411-202	mg/l	Y			1.0	1.5	2
KAFB-3411	GW3411-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-3411	GW3411-202	mg/l	Y			0.040	0.090	0.1
KAFB-3411	GW3411-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-3411	GW3411-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-3411	GW3411-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-3411	GW3411-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-3411	GW3411-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-3411	GW3411-202	mg/l	Y			0.204	0.375	0.5
KAFB-3411	GW3411-202	mg/l	Y			0.239	0.500	1
KAFB-3411	GW3411-202	mg/l	Y			0.0960	0.150	0.2
KAFB-3411	GW3411-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-3411	GW3411-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-3411	GW3411-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-3411	GW3411-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-3411	GW3411-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106014	GW014-202	mg/l	Y			1.5	4.5	5
KAFB-106014	GW014-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106014	GW014-202	mg/l	Y			10.0	15.0	20
KAFB-106014	GW014-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106014	GW014-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106014	GW014-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106014	GW014-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106014	GW014-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106014	GW014-202	mg/l	Y			0.204	0.375	0.5
KAFB-106014	GW014-202	mg/l	Y			0.239	0.500	1
KAFB-106014	GW014-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106014	GW014-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106014	GW014-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106014	GW014-202	ug/l	Y		D1	0.0096	0.019	0.029
KAFB-106014	GW014-202	ug/l	Y			0.4	0.8	1
KAFB-106014	GW014-202	ug/l	Y			0.2	0.5	1
KAFB-106014	GW014-202	ug/l	Y			1	2	6

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106014	GW014-202	ug/l	Y			0.2	0.5	1
KAFB-106014	GW014-202	mg/l	Y			0.0412	0.103	0.206
KAFB-106014	GW014-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106007	GW007-202	mg/l	Y			1.5	4.5	5
KAFB-106007	GW007-202	mg/l	Y			1.0	1.5	2
KAFB-106007	GW007-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106007	GW007-202	mg/l	Y			0.040	0.090	0.1
KAFB-106007	GW007-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106007	GW007-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106007	GW007-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106007	GW007-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106007	GW007-202	mg/l	Y			0.204	0.375	0.5
KAFB-106007	GW007-202	mg/l	Y			0.239	0.500	1
KAFB-106007	GW007-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106007	GW007-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106007	GW007-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106007	GW007-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106007	GW007-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106007	GW007-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106010	GW010-202	mg/l	Y			1.5	4.5	5
KAFB-106010	GW010-202	mg/l	Y			1.0	1.5	2
KAFB-106010	GW010-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106010	GW010-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106010	GW010-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106010	GW010-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106010	GW010-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106010	GW010-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106010	GW010-202	mg/l	Y			0.204	0.375	0.5
KAFB-106010	GW010-202	mg/l	Y			0.239	0.500	1
KAFB-106010	GW010-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106010	GW010-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106010	GW010-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106010	GW010-202	ug/l	Y		D1	0.0096	0.019	0.029
KAFB-106010	GW010-202	ug/l	Y			2	4	5
KAFB-106010	GW010-202	ug/l	Y			1	3	5
KAFB-106010	GW010-202	ug/l	Y			7	10	30
KAFB-106010	GW010-202	ug/l	Y			1	3	5
KAFB-106010	GW010-202	mg/l	Y	J	J	0.0412	0.103	0.206
KAFB-106010	GW010-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106010	GW010-602	mg/l	Y			1.5	4.5	5
KAFB-106010	GW010-602	mg/l	Y			1.0	1.5	2
KAFB-106010	GW010-602	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106010	GW010-602	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106010	GW010-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106010	GW010-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106010	GW010-602	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106010	GW010-602	mg/l	Y			0.0400	0.0751	0.1
KAFB-106010	GW010-602	mg/l	Y			0.204	0.375	0.5
KAFB-106010	GW010-602	mg/l	Y			0.239	0.500	1
KAFB-106010	GW010-602	mg/l	Y			0.0960	0.150	0.2
KAFB-106010	GW010-602	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106010	GW010-602	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106010	GW010-602	ug/l	Y		D1	0.0095	0.019	0.029
KAFB-106010	GW010-602	ug/l	Y			2	4	5
KAFB-106010	GW010-602	ug/l	Y			1	3	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106010	GW010-602	ug/l	Y			7	10	30
KAFB-106010	GW010-602	ug/l	Y			1	3	5
KAFB-106010	GW010-602	mg/l	Y	J	J	0.0412	0.103	0.206
KAFB-106010	GW010-602	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106077	GW077-202	mg/l	Y			1.5	4.5	5
KAFB-106077	GW077-202	mg/l	Y			1.0	1.5	2
KAFB-106077	GW077-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106077	GW077-202	mg/l	Y			0.040	0.090	0.1
KAFB-106077	GW077-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106077	GW077-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106077	GW077-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106077	GW077-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106077	GW077-202	mg/l	Y			0.204	0.375	0.5
KAFB-106077	GW077-202	mg/l	Y			0.239	0.500	1
KAFB-106077	GW077-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106077	GW077-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106077	GW077-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106077	GW077-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106077	GW077-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106077	GW077-202	ug/l	Y			0.2	0.5	1
KAFB-106077	GW077-202	ug/l	N	U	U	1	2	6
KAFB-106077	GW077-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106077	GW077-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106077	GW077-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106061	GW061-202	mg/l	Y			1.5	4.5	5
KAFB-106061	GW061-202	mg/l	Y			1.0	1.5	2
KAFB-106061	GW061-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106061	GW061-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106061	GW061-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106061	GW061-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106061	GW061-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106061	GW061-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106061	GW061-202	mg/l	Y			0.204	0.375	0.5
KAFB-106061	GW061-202	mg/l	Y			0.239	0.500	1
KAFB-106061	GW061-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106061	GW061-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106061	GW061-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106061	GW061-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106061	GW061-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106061	GW061-202	ug/l	Y			0.2	0.5	1
KAFB-106061	GW061-202	ug/l	N	U	U	1	2	6
KAFB-106061	GW061-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106061	GW061-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106061	GW061-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106083	GW083-202	mg/l	Y			1.5	4.5	5
KAFB-106083	GW083-202	mg/l	Y			1.0	1.5	2
KAFB-106083	GW083-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106083	GW083-202	mg/l	Y			0.040	0.090	0.1
KAFB-106083	GW083-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106083	GW083-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106083	GW083-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106083	GW083-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106083	GW083-202	mg/l	Y			0.239	0.500	1
KAFB-106083	GW083-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106083	GW083-202	mg/l	Y			0.204	0.375	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106083	GW083-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106083	GW083-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106083	GW083-202	ug/l	Y	J	J D1	0.0095	0.019	0.029
KAFB-106083	GW083-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106083	GW083-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106020	GW020-202	mg/l	Y			1.0	1.5	2
KAFB-106020	GW020-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106020	GW020-202	mg/l	Y			15.0	45.0	50
KAFB-106020	GW020-202	mg/l	Y			0.040	0.090	0.1
KAFB-106020	GW020-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106020	GW020-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106020	GW020-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106020	GW020-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106020	GW020-202	mg/l	Y			0.239	0.500	1
KAFB-106020	GW020-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106020	GW020-202	mg/l	Y			0.204	0.375	0.5
KAFB-106020	GW020-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106020	GW020-202	mg/l	Y			0.00068	0.0016	0.002
KAFB-106020	GW020-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106020	GW020-202	mg/l	Y	J	J	0.0412	0.103	0.206
KAFB-106020	GW020-202	mg/l	Y	J	J	0.0031	0.0052	0.0103
KAFB-106084	GW084-202	mg/l	Y			1.5	4.5	5
KAFB-106084	GW084-202	mg/l	Y			1.0	1.5	2
KAFB-106084	GW084-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106084	GW084-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106084	GW084-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106084	GW084-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106084	GW084-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106084	GW084-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106084	GW084-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106084	GW084-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106084	GW084-202	mg/l	Y			0.204	0.375	0.5
KAFB-106084	GW084-202	mg/l	Y			0.239	0.500	1
KAFB-106084	GW084-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106084	GW084-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106084	GW084-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106084	GW084-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106084	GW084-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106084	GW084-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106082	GW082-202	mg/l	Y			1.5	4.5	5
KAFB-106082	GW082-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106082	GW082-202	mg/l	Y			10.0	15.0	20
KAFB-106082	GW082-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106082	GW082-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106082	GW082-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106082	GW082-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106082	GW082-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106082	GW082-202	mg/l	Y			0.239	0.500	1
KAFB-106082	GW082-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106082	GW082-202	mg/l	Y			0.204	0.375	0.5
KAFB-106082	GW082-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106082	GW082-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106082	GW082-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106082	GW082-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106082	GW082-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106076	GW076-202	mg/l	Y			1.5	4.5	5
KAFB-106076	GW076-202	mg/l	Y			1.0	1.5	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106076	GW076-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106076	GW076-202	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106076	GW076-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106076	GW076-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106076	GW076-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106076	GW076-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106076	GW076-202	mg/l	Y			0.239	0.500	1
KAFB-106076	GW076-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106076	GW076-202	mg/l	Y			0.204	0.375	0.5
KAFB-106076	GW076-202	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106076	GW076-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106076	GW076-202	ug/l	Y	J	J D1	0.0096	0.019	0.029
KAFB-106076	GW076-202	ug/l	Y			0.4	0.8	1
KAFB-106076	GW076-202	ug/l	Y			0.2	0.5	1
KAFB-106076	GW076-202	ug/l	Y			1	2	6
KAFB-106076	GW076-202	ug/l	Y	J	J	0.2	0.5	1
KAFB-106076	GW076-202	mg/l	Y	J	J	0.0412	0.103	0.206
KAFB-106076	GW076-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106048	GW048-202	mg/l	Y			1.5	4.5	5
KAFB-106048	GW048-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106048	GW048-202	mg/l	Y			1.0	1.5	2
KAFB-106048	GW048-202	mg/l	Y			0.040	0.090	0.1
KAFB-106048	GW048-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106048	GW048-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106048	GW048-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106048	GW048-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106048	GW048-202	mg/l	Y			0.204	0.375	0.5
KAFB-106048	GW048-202	mg/l	Y			0.239	0.500	1
KAFB-106048	GW048-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106048	GW048-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106048	GW048-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106048	GW048-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106048	GW048-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106048	GW048-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106095	GW095-202	mg/l	Y			1.5	4.5	5
KAFB-106095	GW095-202	mg/l	Y	J		1.0	1.5	2
KAFB-106095	GW095-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106095	GW095-202	mg/l	Y			0.040	0.090	0.1
KAFB-106095	GW095-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106095	GW095-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106095	GW095-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106095	GW095-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106095	GW095-202	mg/l	Y			0.204	0.375	0.5
KAFB-106095	GW095-202	mg/l	Y			0.239	0.500	1
KAFB-106095	GW095-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106095	GW095-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106095	GW095-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106095	GW095-202	ug/l	N	U	U D1	0.0094	0.019	0.028
KAFB-106095	GW095-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106095	GW095-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106081	GW081-202	mg/l	Y			1.5	4.5	5
KAFB-106081	GW081-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106081	GW081-202	mg/l	Y			1.0	1.5	2
KAFB-106081	GW081-202	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106081	GW081-202	mgcaco3/l	Y			2.6	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106081	GW081-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106081	GW081-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106081	GW081-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106081	GW081-202	mg/l	Y			0.204	0.375	0.5
KAFB-106081	GW081-202	mg/l	Y			0.239	0.500	1
KAFB-106081	GW081-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106081	GW081-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106081	GW081-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106081	GW081-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106081	GW081-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106081	GW081-202	ug/l	Y	J	J	0.2	0.5	1
KAFB-106081	GW081-202	ug/l	N	U	U	1	2	6
KAFB-106081	GW081-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106081	GW081-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106081	GW081-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106073	GW073-202	mg/l	Y			1.5	4.5	5
KAFB-106073	GW073-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106073	GW073-202	mg/l	Y			10.0	15.0	20
KAFB-106073	GW073-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106073	GW073-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106073	GW073-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106073	GW073-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106073	GW073-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106073	GW073-202	mg/l	Y			0.204	0.375	0.5
KAFB-106073	GW073-202	mg/l	Y			0.239	0.500	1
KAFB-106073	GW073-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106073	GW073-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106073	GW073-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106073	GW073-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106073	GW073-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106073	GW073-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106074	GW074-202	mg/l	Y			1.5	4.5	5
KAFB-106074	GW074-202	mg/l	Y			1.0	1.5	2
KAFB-106074	GW074-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106074	GW074-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106074	GW074-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106074	GW074-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106074	GW074-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106074	GW074-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106074	GW074-202	mg/l	Y			0.204	0.375	0.5
KAFB-106074	GW074-202	mg/l	Y			0.239	0.500	1
KAFB-106074	GW074-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106074	GW074-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106074	GW074-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106074	GW074-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106074	GW074-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106074	GW074-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106003	GW003-202	mg/l	Y			1.5	4.5	5
KAFB-106003	GW003-202	mg/l	Y			1.0	1.5	2
KAFB-106003	GW003-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106003	GW003-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106003	GW003-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106003	GW003-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106003	GW003-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106003	GW003-202	mg/l	Y			0.0400	0.0751	0.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106003	GW003-202	mg/l	Y			0.204	0.375	0.5
KAFB-106003	GW003-202	mg/l	Y			0.239	0.500	1
KAFB-106003	GW003-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106003	GW003-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106003	GW003-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106003	GW003-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106003	GW003-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106003	GW003-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106003	GW003-202	ug/l	N	U	U	1	2	6
KAFB-106003	GW003-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106003	GW003-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106003	GW003-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106003	GW003-602	mg/l	Y			1.5	4.5	5
KAFB-106003	GW003-602	mg/l	Y			1.0	1.5	2
KAFB-106003	GW003-602	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106003	GW003-602	mg/l	Y			0.040	0.090	0.1
KAFB-106003	GW003-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106003	GW003-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106003	GW003-602	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106003	GW003-602	mg/l	Y			0.0400	0.0751	0.1
KAFB-106003	GW003-602	mg/l	Y			0.204	0.375	0.5
KAFB-106003	GW003-602	mg/l	Y			0.239	0.500	1
KAFB-106003	GW003-602	mg/l	Y			0.0960	0.150	0.2
KAFB-106003	GW003-602	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106003	GW003-602	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106003	GW003-602	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106003	GW003-602	ug/l	N	U	U	0.4	0.8	1
KAFB-106003	GW003-602	ug/l	N	U	U	0.2	0.5	1
KAFB-106003	GW003-602	ug/l	N	U	U	0.4	0.8	1
KAFB-106003	GW003-602	ug/l	N	U	U	0.2	0.5	1
KAFB-106003	GW003-602	ug/l	N	U	U	1	2	6
KAFB-106003	GW003-602	ug/l	N	U	U	0.2	0.5	1
KAFB-106003	GW003-602	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106003	GW003-602	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106098	GW098-202	mg/l	Y			1.5	4.5	5
KAFB-106098	GW098-202	mg/l	Y			1.0	1.5	2
KAFB-106098	GW098-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106098	GW098-202	mg/l	Y			0.040	0.090	0.1
KAFB-106098	GW098-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106098	GW098-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106098	GW098-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106098	GW098-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106098	GW098-202	mg/l	Y			0.204	0.375	0.5
KAFB-106098	GW098-202	mg/l	Y			0.239	0.500	1
KAFB-106098	GW098-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106098	GW098-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106098	GW098-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106098	GW098-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106098	GW098-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106098	GW098-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106098	GW098-202	ug/l	N	U	U	1	2	6
KAFB-106098	GW098-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106098	GW098-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106098	GW098-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106013	GW013-202	mg/l	Y			1.5	4.5	5
KAFB-106013	GW013-202	mg/l	Y			1.0	1.5	2
KAFB-106013	GW013-202	mg/l	N	U	U	1.3	2.0	2.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106013	GW013-202	mg/l	Y			0.040	0.090	0.1
KAFB-106013	GW013-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106013	GW013-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106013	GW013-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106013	GW013-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106013	GW013-202	mg/l	Y			0.204	0.375	0.5
KAFB-106013	GW013-202	mg/l	Y			0.239	0.500	1
KAFB-106013	GW013-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106013	GW013-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106013	GW013-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106013	GW013-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106013	GW013-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106013	GW013-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106013	GW013-202	ug/l	N	U	U	1	2	6
KAFB-106013	GW013-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106013	GW013-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106013	GW013-202	mg/l	Y	J	J	0.0031	0.0052	0.0103
KAFB-106097	GW097-202	mg/l	Y			1.5	4.5	5
KAFB-106097	GW097-202	mg/l	Y			1.0	1.5	2
KAFB-106097	GW097-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106097	GW097-202	mg/l	Y			0.040	0.090	0.1
KAFB-106097	GW097-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106097	GW097-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106097	GW097-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106097	GW097-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106097	GW097-202	mg/l	Y			0.239	0.500	1
KAFB-106097	GW097-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106097	GW097-202	mg/l	Y			0.204	0.375	0.5
KAFB-106097	GW097-202	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106097	GW097-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106097	GW097-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106097	GW097-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106097	GW097-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106097	GW097-202	ug/l	N	U	U	1	2	6
KAFB-106097	GW097-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106097	GW097-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106097	GW097-202	mg/l	Y	J	J	0.0031	0.0052	0.0103
KAFB-106101	GW101-202	mg/l	Y			1.5	4.5	5
KAFB-106101	GW101-202	mg/l	Y			1.0	1.5	2
KAFB-106101	GW101-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106101	GW101-202	mg/l	Y			0.040	0.090	0.1
KAFB-106101	GW101-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106101	GW101-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106101	GW101-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106101	GW101-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106101	GW101-202	mg/l	Y			0.239	0.500	1
KAFB-106101	GW101-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106101	GW101-202	mg/l	Y			0.204	0.375	0.5
KAFB-106101	GW101-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106101	GW101-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106101	GW101-202	ug/l	N	U	U D1	0.0095	0.019	0.028
KAFB-106101	GW101-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106101	GW101-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106101	GW101-202	ug/l	N	U	U	1	2	6
KAFB-106101	GW101-202	ug/l	N	U	U	0.2	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106101	GW101-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106101	GW101-202	mg/l	N	U	U K1	0.0412	0.103	0.206
KAFB-106102	GW102-202	mg/l	Y			1.5	4.5	5
KAFB-106102	GW102-202	mg/l	Y			1.0	1.5	2
KAFB-106102	GW102-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106102	GW102-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106102	GW102-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106102	GW102-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106102	GW102-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106102	GW102-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106102	GW102-202	mg/l	Y			0.239	0.500	1
KAFB-106102	GW102-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106102	GW102-202	mg/l	Y			0.204	0.375	0.5
KAFB-106102	GW102-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106102	GW102-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106102	GW102-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106102	GW102-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106102	GW102-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106102	GW102-202	ug/l	N	U	U	1	2	6
KAFB-106102	GW102-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106102	GW102-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106102	GW102-202	mg/l	N	U	U K1	0.0412	0.103	0.206
KAFB-106100	GW100-202	mg/l	Y			1.5	4.5	5
KAFB-106100	GW100-202	mg/l	Y			1.0	1.5	2
KAFB-106100	GW100-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106100	GW100-202	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106100	GW100-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106100	GW100-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106100	GW100-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106100	GW100-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106100	GW100-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106100	GW100-202	mg/l	Y			0.239	0.500	1
KAFB-106100	GW100-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106100	GW100-202	mg/l	N	U		0.204	0.375	0.5
KAFB-106100	GW100-202	mg/l	N	U	U K4	0.000071	0.00025	0.0005
KAFB-106100	GW100-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106100	GW100-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106100	GW100-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106100	GW100-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106100	GW100-202	ug/l	N	U	U	1	2	6
KAFB-106100	GW100-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106100	GW100-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106100	GW100-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106099	GW099-202	mg/l	Y			1.5	4.5	5
KAFB-106099	GW099-202	mg/l	Y			1.0	1.5	2
KAFB-106099	GW099-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106099	GW099-202	mg/l	Y			0.040	0.090	0.1
KAFB-106099	GW099-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106099	GW099-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106099	GW099-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106099	GW099-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106099	GW099-202	mg/l	Y			0.239	0.500	1
KAFB-106099	GW099-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106099	GW099-202	mg/l	Y			0.204	0.375	0.5
KAFB-106099	GW099-202	mg/l	N	U	U K4	0.000071	0.00025	0.0005
KAFB-106099	GW099-202	mg/l	Y	J	J	0.00068	0.0016	0.002

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106099	GW099-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106099	GW099-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106099	GW099-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106099	GW099-202	ug/l	N	U	U	1	2	6
KAFB-106099	GW099-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106099	GW099-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106099	GW099-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106004	GW004-202	mg/l	Y			1.5	4.5	5
KAFB-106004	GW004-202	mg/l	Y			1.0	1.5	2
KAFB-106004	GW004-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106004	GW004-202	mg/l	Y			0.040	0.090	0.1
KAFB-106004	GW004-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106004	GW004-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106004	GW004-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106004	GW004-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106004	GW004-202	mg/l	Y			0.239	0.500	1
KAFB-106004	GW004-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106004	GW004-202	mg/l	Y			0.204	0.375	0.5
KAFB-106004	GW004-202	mg/l	N	U	U K4	0.000071	0.00025	0.0005
KAFB-106004	GW004-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106004	GW004-202	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106004	GW004-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106004	GW004-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106004	GW004-202	ug/l	N	U	U	1	2	6
KAFB-106004	GW004-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106004	GW004-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106004	GW004-202	mg/l	N	U	U	0.0031	0.0052	0.0103
KAFB-106059	GW059-202	mg/l	Y			1.5	4.5	5
KAFB-106059	GW059-202	mg/l	Y			1.0	1.5	2
KAFB-106059	GW059-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106059	GW059-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106059	GW059-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106059	GW059-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106059	GW059-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106059	GW059-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106059	GW059-202	mg/l	Y			0.204	0.375	0.5
KAFB-106059	GW059-202	mg/l	Y			0.239	0.500	1
KAFB-106059	GW059-202	mg/l	Y	J		0.0960	0.150	0.2
KAFB-106059	GW059-202	mg/l	N	U	J	0.000071	0.00025	0.0005
KAFB-106059	GW059-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106059	GW059-202	ug/l	Y		D1	0.0096	0.019	0.029
KAFB-106059	GW059-202	ug/l	Y			10	20	25
KAFB-106059	GW059-202	ug/l	Y			5	13	25
KAFB-106059	GW059-202	ug/l	Y			35	50	150
KAFB-106059	GW059-202	ug/l	Y			5	13	25
KAFB-106059	GW059-202	mg/l	N	U		0.0412	0.103	0.206
KAFB-106059	GW059-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106096	GW096-202	mg/l	Y			1.5	4.5	5
KAFB-106096	GW096-202	mg/l	Y	J		1.0	1.5	2
KAFB-106096	GW096-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106096	GW096-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106096	GW096-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106096	GW096-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106096	GW096-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106096	GW096-202	mg/l	Y			0.0400	0.0751	0.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106096	GW096-202	mg/l	Y			0.204	0.375	0.5
KAFB-106096	GW096-202	mg/l	Y			0.239	0.500	1
KAFB-106096	GW096-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106096	GW096-202	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106096	GW096-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106096	GW096-202	ug/l	N	U	U D1	0.0095	0.019	0.029
KAFB-106096	GW096-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106096	GW096-202	mg/l	N	U	U K2	0.0031	0.0052	0.0103
KAFB-106096	GW096-602	mg/l	Y			1.5	4.5	5
KAFB-106096	GW096-602	mg/l	Y			1.0	1.5	2
KAFB-106096	GW096-602	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106096	GW096-602	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106096	GW096-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106096	GW096-602	mgcaco3/l	Y			2.6	6.0	8
KAFB-106096	GW096-602	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106096	GW096-602	mg/l	Y			0.0400	0.0751	0.1
KAFB-106096	GW096-602	mg/l	Y			0.204	0.375	0.5
KAFB-106096	GW096-602	mg/l	Y			0.239	0.500	1
KAFB-106096	GW096-602	mg/l	Y			0.0960	0.150	0.2
KAFB-106096	GW096-602	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106096	GW096-602	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106096	GW096-602	ug/l	N	U	U D1	0.0096	0.019	0.029
KAFB-106096	GW096-602	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106096	GW096-602	mg/l	N	U	U K2	0.0031	0.0052	0.0103
KAFB-106018	GW018-202	mg/l	Y			1.5	4.5	5
KAFB-106018	GW018-202	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106018	GW018-202	mg/l	Y			2.0	3.0	4
KAFB-106018	GW018-202	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106018	GW018-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106018	GW018-202	mgcaco3/l	Y			2.6	6.0	8
KAFB-106018	GW018-202	mgcaco3/l	N	U	U	2.6	6.0	8
KAFB-106018	GW018-202	mg/l	Y			0.0400	0.0751	0.1
KAFB-106018	GW018-202	mg/l	Y			0.204	0.375	0.5
KAFB-106018	GW018-202	mg/l	Y			0.239	0.500	1
KAFB-106018	GW018-202	mg/l	Y			0.0960	0.150	0.2
KAFB-106018	GW018-202	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106018	GW018-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106018	GW018-202	ug/l	Y	J	J D1	0.0096	0.019	0.029
KAFB-106018	GW018-202	ug/l	N	U	U	0.4	0.8	1
KAFB-106018	GW018-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106018	GW018-202	ug/l	N	U	U	1	2	6
KAFB-106018	GW018-202	ug/l	N	U	U	0.2	0.5	1
KAFB-106018	GW018-202	ug/l	N	U	U	1	2	5
KAFB-106018	GW018-202	mg/l	N	U	U	0.0412	0.103	0.206
KAFB-106018	GW018-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106064	GW064-202	mg/l	N	U	U	1.5	4.5	5
KAFB-106064	GW064-202	mg/l	Y			1.3	2	2.5
KAFB-106064	GW064-202	mg/l	Y			2	3	4
KAFB-106064	GW064-202	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106064	GW064-202	mgcaco3/l	Y	J		2.6	6	8
KAFB-106064	GW064-202	mgcaco3/l	Y	J		2.6	6	8
KAFB-106064	GW064-202	mgcaco3/l	N	U	U	2.6	6	8
KAFB-106064	GW064-202	mg/l	Y			0.204	0.375	0.5
KAFB-106064	GW064-202	mg/l	Y			0.239	0.5	1
KAFB-106064	GW064-202	mg/l	Y			0.096	0.15	0.2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106064	GW064-202	mg/l	Y			0.04	0.0751	0.1
KAFB-106064	GW064-202	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106064	GW064-202	mg/l	Y			0.00068	0.0016	0.002
KAFB-106064	GW064-202	ug/l	N	U	U D2	0.0097	0.019	0.029
KAFB-106064	GW064-202	ug/l	Y			1	3	5
KAFB-106064	GW064-202	ug/l	Y			20	40	50
KAFB-106064	GW064-202	ug/l	Y			70	100	300
KAFB-106064	GW064-202	ug/l	Y			10	25	50
KAFB-106064	GW064-202	mg/l	Y			0.0412	0.103	0.206
KAFB-106064	GW064-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106063	GW063-202	mg/l	Y	J	J	1.5	4.5	5
KAFB-106063	GW063-202	mg/l	Y			1.3	2	2.5
KAFB-106063	GW063-202	mg/l	Y			10	15	20
KAFB-106063	GW063-202	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106063	GW063-202	mgcaco3/l	Y	J		2.6	6	8
KAFB-106063	GW063-202	mgcaco3/l	Y	J		2.6	6	8
KAFB-106063	GW063-202	mgcaco3/l	N	U	U	2.6	6	8
KAFB-106063	GW063-202	mg/l	Y			0.204	0.375	0.5
KAFB-106063	GW063-202	mg/l	Y			0.239	0.5	1
KAFB-106063	GW063-202	mg/l	Y			0.096	0.15	0.2
KAFB-106063	GW063-202	mg/l	Y			0.04	0.0751	0.1
KAFB-106063	GW063-202	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106063	GW063-202	mg/l	Y			0.00068	0.0016	0.002
KAFB-106063	GW063-202	ug/l	N	U	U D2	0.0096	0.019	0.029
KAFB-106063	GW063-202	ug/l	Y			4	8	10
KAFB-106063	GW063-202	ug/l	Y			14	20	60
KAFB-106063	GW063-202	ug/l	Y			20	50	100
KAFB-106063	GW063-202	ug/l	Y			20	50	100
KAFB-106063	GW063-202	ug/l	Y			20	50	100
KAFB-106063	GW063-202	mg/l	Y			0.0412	0.103	0.206
KAFB-106063	GW063-202	mg/l	Y			0.0031	0.0052	0.0103
KAFB-106236-436	GW236-436-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106236-470	GW236-470-203	ug/l	N	U	UM	0.0095	0.019	0.029
KAFB-106236-499	GW236-499-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106235-438	GW235-438-203	ug/l	N	U	UM	0.0097	0.019	0.029
KAFB-106235-438	GW235-438-603	ug/l	N	U	UM	0.0095	0.019	0.029
KAFB-106235-472	GW235-472-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106235-501	GW235-501-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106206	GW206-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106205	GW205-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106204	GW204-203	ug/l	N	U	UM	0.0097	0.019	0.029
KAFB-106216	GW216-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106216	GW216-603	ug/l	N	U	UM	0.0095	0.019	0.029
KAFB-106217	GW217-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106218	GW218-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106224	GW224-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106223	GW223-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106222	GW222-203	ug/l	N	U	UM	0.0097	0.019	0.029
KAFB-106242-418	GW242-418-203	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106242-418	GW242-418-203	mg/l	Y		D	60	180	200
KAFB-106242-418	GW242-418-203	mg/l	Y		D	40	60	80
KAFB-106242-418	GW242-418-203	mg/l	Y			0.080	0.18	0.2
KAFB-106242-418	GW242-418-203	mg/l	Y			8.0	6.0	8
KAFB-106242-418	GW242-418-203	mg/l	Y			8.0	6.0	8
KAFB-106242-418	GW242-418-203	mg/l	N	U	U	8.0	6.0	8
KAFB-106242-418	GW242-418-203	mg/l	N	U	U	0.041	0.10	0.21

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106242-418	GW242-418-203	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106242-418	GW242-418-203	mg/l	Y			0.040	0.075	0.1
KAFB-106242-418	GW242-418-203	mg/l	Y			0.20	0.38	0.5
KAFB-106242-418	GW242-418-203	mg/l	Y			0.24	0.50	1
KAFB-106242-418	GW242-418-203	mg/l	Y			0.096	0.15	0.2
KAFB-106242-418	GW242-418-203	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106242-418	GW242-418-203	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106242-418	GW242-418-203	ug/l	N	U	UM	0.0099	0.020	0.03
KAFB-106231	GW231-203	ug/l	N	U	UM	0.0095	0.019	0.029
KAFB-106232	GW232-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106207	GW207-203	ug/l	N	U	UM	0.0097	0.019	0.029
KAFB-106208	GW208-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106209	GW209-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106247-450	GW247-450-203	mg/l	Y		D	1.5	4.5	5
KAFB-106247-450	GW247-450-203	mg/l	Y		D	1.0	1.5	2
KAFB-106247-450	GW247-450-203	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106247-450	GW247-450-203	mg/l	Y			0.040	0.090	0.1
KAFB-106247-450	GW247-450-203	mg/l	Y			8.0	6.0	8
KAFB-106247-450	GW247-450-203	mg/l	Y			8.0	6.0	8
KAFB-106247-450	GW247-450-203	mg/l	N	U	U	8.0	6.0	8
KAFB-106247-450	GW247-450-203	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106247-450	GW247-450-203	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106247-450	GW247-450-203	mg/l	Y			0.040	0.075	0.1
KAFB-106247-450	GW247-450-203	mg/l	Y			0.20	0.38	0.5
KAFB-106247-450	GW247-450-203	mg/l	Y			0.24	0.50	1
KAFB-106247-450	GW247-450-203	mg/l	Y			0.096	0.15	0.2
KAFB-106247-450	GW247-450-203	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106247-450	GW247-450-203	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106247-450	GW247-450-203	ug/l	N	U	UM	0.0097	0.019	0.029
KAFB-106247-450	GW247-450-203	ug/l	N	U	U	0.40	0.80	1
KAFB-106247-450	GW247-450-203	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-203	ug/l	N	U	U	1.4	2.0	6
KAFB-106247-450	GW247-450-203	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-203	mg/l	Y		D	1.5	4.5	5
KAFB-106230	GW230-203	mg/l	Y		D	1.0	1.5	2
KAFB-106230	GW230-203	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106230	GW230-203	mg/l	Y			0.040	0.090	0.1
KAFB-106230	GW230-203	mg/l	Y			8.0	6.0	8
KAFB-106230	GW230-203	mg/l	Y			8.0	6.0	8
KAFB-106230	GW230-203	mg/l	N	U	U	8.0	6.0	8
KAFB-106230	GW230-203	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106230	GW230-203	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106230	GW230-203	mg/l	Y			0.040	0.075	0.1
KAFB-106230	GW230-203	mg/l	Y			0.20	0.38	0.5
KAFB-106230	GW230-203	mg/l	Y			0.24	0.50	1
KAFB-106230	GW230-203	mg/l	Y			0.096	0.15	0.2
KAFB-106230	GW230-203	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106230	GW230-203	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106230	GW230-203	ug/l	N	U	UM	0.0095	0.019	0.029
KAFB-106241-428	GW241-428-203	mg/l	Y		D	1.5	4.5	5
KAFB-106241-428	GW241-428-203	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106241-428	GW241-428-203	mg/l	Y		D	10	15	20
KAFB-106241-428	GW241-428-203	mg/l	Y			0.040	0.090	0.1
KAFB-106241-428	GW241-428-203	mg/l	Y			8.0	6.0	8
KAFB-106241-428	GW241-428-203	mg/l	Y			8.0	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106241-428	GW241-428-203	mg/l	N	U	U	8.0	6.0	8
KAFB-106241-428	GW241-428-203	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106241-428	GW241-428-203	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106241-428	GW241-428-203	mg/l	Y			0.040	0.075	0.1
KAFB-106241-428	GW241-428-203	mg/l	Y			0.20	0.38	0.5
KAFB-106241-428	GW241-428-203	mg/l	Y			0.24	0.50	1
KAFB-106241-428	GW241-428-203	mg/l	Y			0.096	0.15	0.2
KAFB-106241-428	GW241-428-203	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106241-428	GW241-428-203	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106241-428	GW241-428-203	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106041	GW041-203	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106041	GW041-203	mg/l	Y		D	15	45	50
KAFB-106041	GW041-203	mg/l	Y		D	10	15	20
KAFB-106041	GW041-203	mg/l	Y			0.040	0.090	0.1
KAFB-106041	GW041-203	mg/l	Y			8.0	6.0	8
KAFB-106041	GW041-203	mg/l	Y			8.0	6.0	8
KAFB-106041	GW041-203	mg/l	N	U	U	8.0	6.0	8
KAFB-106041	GW041-203	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106041	GW041-203	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106041	GW041-203	mg/l	Y			0.040	0.075	0.1
KAFB-106041	GW041-203	mg/l	Y			0.20	0.38	0.5
KAFB-106041	GW041-203	mg/l	Y			0.24	0.50	1
KAFB-106041	GW041-203	mg/l	Y			0.096	0.15	0.2
KAFB-106041	GW041-203	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106041	GW041-203	mg/l	N	U	UJ1	0.00068	0.0016	0.002
KAFB-106041	GW041-203	ug/l	Y	J	J	0.0096	0.019	0.029
KAFB-106050	GW050-203	ug/l	N	U	UM	0.0095	0.019	0.029
KAFB-106051	GW051-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106051	GW051-603	ug/l	N	U	UM	0.0095	0.019	0.029
KAFB-106049	GW049-203	ug/l	N	U	UM	0.0097	0.019	0.029
KAFB-106032	GW032-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106033	GW033-203	ug/l	N	U	UM	0.0095	0.019	0.029
KAFB-106034	GW034-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106240-449	GW240-449-203	mg/l	Y		D	1.5	4.5	5
KAFB-106240-449	GW240-449-203	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106240-449	GW240-449-203	mg/l	Y	J	JD	100	150	200
KAFB-106240-449	GW240-449-203	mg/l	Y			0.040	0.090	0.1
KAFB-106240-449	GW240-449-203	mg/l	Y			8.0	6.0	8
KAFB-106240-449	GW240-449-203	mg/l	Y			8.0	6.0	8
KAFB-106240-449	GW240-449-203	mg/l	N	U	U	8.0	6.0	8
KAFB-106240-449	GW240-449-203	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106240-449	GW240-449-203	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106240-449	GW240-449-203	mg/l	Y			0.040	0.075	0.1
KAFB-106240-449	GW240-449-203	mg/l	Y			0.20	0.38	0.5
KAFB-106240-449	GW240-449-203	mg/l	Y			0.24	0.50	1
KAFB-106240-449	GW240-449-203	mg/l	Y			0.096	0.15	0.2
KAFB-106240-449	GW240-449-203	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106240-449	GW240-449-203	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106240-449	GW240-449-203	ug/l	N	U	UQM	0.0098	0.020	0.029
KAFB-106240-449	GW240-449-203	ug/l	N	U	U	0.40	0.80	1
KAFB-106240-449	GW240-449-203	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-203	ug/l	N	U	U	1.4	2.0	6
KAFB-106240-449	GW240-449-203	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-203	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106244-445	GW244-445-203	mg/l	Y		D	15	45	50

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106244-445	GW244-445-203	mg/l	Y		D	10	15	20
KAFB-106244-445	GW244-445-203	mg/l	Y			0.040	0.090	0.1
KAFB-106244-445	GW244-445-203	mg/l	Y			8.0	6.0	8
KAFB-106244-445	GW244-445-203	mg/l	Y			8.0	6.0	8
KAFB-106244-445	GW244-445-203	mg/l	N	U	U	8.0	6.0	8
KAFB-106244-445	GW244-445-203	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106244-445	GW244-445-203	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106244-445	GW244-445-203	mg/l	Y			0.040	0.075	0.1
KAFB-106244-445	GW244-445-203	mg/l	Y			0.20	0.38	0.5
KAFB-106244-445	GW244-445-203	mg/l	Y			0.24	0.50	1
KAFB-106244-445	GW244-445-203	mg/l	Y			0.096	0.15	0.2
KAFB-106244-445	GW244-445-203	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106244-445	GW244-445-203	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106244-445	GW244-445-203	ug/l	N	U	UQM	0.0098	0.020	0.029
KAFB-106244-445	GW244-445-203	ug/l	N	U	U	0.40	0.80	1
KAFB-106244-445	GW244-445-203	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-203	ug/l	N	U	U	1.4	2.0	6
KAFB-106244-445	GW244-445-203	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-203	mg/l	Y		D	1.5	4.5	5
KAFB-106245-460	GW245-460-203	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106245-460	GW245-460-203	mg/l	Y		D	10	15	20
KAFB-106245-460	GW245-460-203	mg/l	Y			0.040	0.090	0.1
KAFB-106245-460	GW245-460-203	mg/l	Y			8.0	6.0	8
KAFB-106245-460	GW245-460-203	mg/l	Y			8.0	6.0	8
KAFB-106245-460	GW245-460-203	mg/l	N	U	U	8.0	6.0	8
KAFB-106245-460	GW245-460-203	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106245-460	GW245-460-203	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106245-460	GW245-460-203	mg/l	Y			0.040	0.075	0.1
KAFB-106245-460	GW245-460-203	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106245-460	GW245-460-203	mg/l	Y			0.040	0.075	0.1
KAFB-106245-460	GW245-460-203	mg/l	Y			0.20	0.38	0.5
KAFB-106245-460	GW245-460-203	mg/l	Y			0.24	0.50	1
KAFB-106245-460	GW245-460-203	mg/l	Y			0.096	0.15	0.2
KAFB-106245-460	GW245-460-203	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106245-460	GW245-460-203	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106245-460	GW245-460-203	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106245-460	GW245-460-203	ug/l	N	U	U	0.40	0.80	1
KAFB-106245-460	GW245-460-203	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-203	ug/l	N	U	U	1.4	2.0	6
KAFB-106245-460	GW245-460-203	ug/l	N	U	U	0.20	0.50	1
KAFB-106029	GW029-203	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106030	GW030-203	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106031	GW031-203	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106243-425	GW243-425-203	mg/l	Y		D	1.5	4.5	5
KAFB-106243-425	GW243-425-203	mg/l	Y		D	1.0	1.5	2
KAFB-106243-425	GW243-425-203	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106243-425	GW243-425-203	mg/l	Y	J		0.040	0.090	0.1
KAFB-106243-425	GW243-425-203	mg/l	Y			8.0	6.0	8
KAFB-106243-425	GW243-425-203	mg/l	Y			8.0	6.0	8
KAFB-106243-425	GW243-425-203	mg/l	N	U	U	8.0	6.0	8
KAFB-106243-425	GW243-425-203	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106243-425	GW243-425-203	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106243-425	GW243-425-203	mg/l	Y			0.040	0.075	0.1
KAFB-106243-425	GW243-425-203	mg/l	Y			0.20	0.38	0.5
KAFB-106243-425	GW243-425-203	mg/l	Y			0.24	0.50	1
KAFB-106243-425	GW243-425-203	mg/l	Y			0.096	0.15	0.2
KAFB-106243-425	GW243-425-203	mg/l	Y	J	J	0.000071	0.00025	0.0005

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106243-425	GW243-425-203	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106243-425	GW243-425-203	ug/l	Y			0.0097	0.019	0.029
KAFB-106243-425	GW243-425-603	mg/l	Y		D	1.5	4.5	5
KAFB-106243-425	GW243-425-603	mg/l	Y		D	1.0	1.5	2
KAFB-106243-425	GW243-425-603	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106243-425	GW243-425-603	mg/l	N	UJ	U	0.040	0.090	0.1
KAFB-106243-425	GW243-425-603	mg/l	Y			8.0	6.0	8
KAFB-106243-425	GW243-425-603	mg/l	Y			8.0	6.0	8
KAFB-106243-425	GW243-425-603	mg/l	N	U	U	8.0	6.0	8
KAFB-106243-425	GW243-425-603	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106243-425	GW243-425-603	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106243-425	GW243-425-603	mg/l	Y			0.040	0.075	0.1
KAFB-106243-425	GW243-425-603	mg/l	Y			0.20	0.38	0.5
KAFB-106243-425	GW243-425-603	mg/l	Y			0.24	0.50	1
KAFB-106243-425	GW243-425-603	mg/l	Y			0.096	0.15	0.2
KAFB-106243-425	GW243-425-603	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106243-425	GW243-425-603	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106243-425	GW243-425-603	ug/l	Y			0.0096	0.019	0.029
KAFB-106201	GW201-203	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106202	GW202-203	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106203	GW203-203	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106009	GW009-203	mg/l	Y		D	1.3	2.0	2.5
KAFB-106009	GW009-203	mg/l	Y	J	JD	150	450	500
KAFB-106009	GW009-203	mg/l	Y	J	JD	100	150	200
KAFB-106009	GW009-203	mg/l	Y			0.040	0.090	0.1
KAFB-106009	GW009-203	mg/l	Y			8.0	6.0	8
KAFB-106009	GW009-203	mg/l	Y			8.0	6.0	8
KAFB-106009	GW009-203	mg/l	N	U	U	8.0	6.0	8
KAFB-106009	GW009-203	mg/l	Y			8.0	6.0	8
KAFB-106009	GW009-203	mg/l	N	U	U	8.0	6.0	8
KAFB-106009	GW009-203	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106009	GW009-203	mg/l	Y	J	J	0.0031	0.0052	0.01
KAFB-106009	GW009-203	mg/l	Y			0.040	0.075	0.1
KAFB-106009	GW009-203	mg/l	Y			0.20	0.38	0.5
KAFB-106009	GW009-203	mg/l	Y			0.24	0.50	1
KAFB-106009	GW009-203	mg/l	Y			0.096	0.15	0.2
KAFB-106009	GW009-203	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106009	GW009-203	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106009	GW009-203	ug/l	Y	J	J	0.0095	0.019	0.029
KAFB-106009	GW009-203	ug/l	N	U	U	0.40	0.80	1
KAFB-106009	GW009-203	ug/l	N	U	U	0.20	0.50	1
KAFB-106009	GW009-203	ug/l	N	U	U	1.4	2.0	6
KAFB-106009	GW009-203	ug/l	N	U	U	0.20	0.50	1
KAFB-106009	GW009-603	mg/l	Y		D	1.3	2.0	2.5
KAFB-106009	GW009-603	mg/l	Y		D	100	150	200
KAFB-106009	GW009-603	mg/l	Y	J	JD	150	450	500
KAFB-106009	GW009-603	mg/l	Y			0.040	0.090	0.1
KAFB-106009	GW009-603	mg/l	Y			8.0	6.0	8
KAFB-106009	GW009-603	mg/l	Y			8.0	6.0	8
KAFB-106009	GW009-603	mg/l	N	U	U	8.0	6.0	8
KAFB-106009	GW009-603	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106009	GW009-603	mg/l	Y	J	J	0.0031	0.0052	0.01
KAFB-106009	GW009-603	mg/l	Y			0.040	0.075	0.1
KAFB-106009	GW009-603	mg/l	Y			0.20	0.38	0.5
KAFB-106009	GW009-603	mg/l	Y			0.24	0.50	1
KAFB-106009	GW009-603	mg/l	Y			0.096	0.15	0.2
KAFB-106009	GW009-603	mg/l	N	U	U	0.000071	0.00025	0.0005

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106009	GW009-603	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106009	GW009-603	ug/l	Y	J	J	0.0096	0.019	0.029
KAFB-106009	GW009-603	ug/l	N	U	U	0.40	0.80	1
KAFB-106009	GW009-603	ug/l	N	U	U	0.20	0.50	1
KAFB-106009	GW009-603	ug/l	N	U	U	1.4	2.0	6
KAFB-106009	GW009-603	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-203	mg/l	Y		D	15	45	50
KAFB-106S4-446	GWS4-446-203	mg/l	Y		D	10	15	20
KAFB-106S4-446	GWS4-446-203	mg/l	N	U	U	13	20	25
KAFB-106S4-446	GWS4-446-203	mg/l	Y			0.20	0.45	0.5
KAFB-106S4-446	GWS4-446-203	mg/l	Y			8.0	6.0	8
KAFB-106S4-446	GWS4-446-203	mg/l	Y			8.0	6.0	8
KAFB-106S4-446	GWS4-446-203	mg/l	N	U	U	8.0	6.0	8
KAFB-106S4-446	GWS4-446-203	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106S4-446	GWS4-446-203	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106S4-446	GWS4-446-203	mg/l	Y			0.040	0.075	0.1
KAFB-106S4-446	GWS4-446-203	mg/l	Y			0.20	0.38	0.5
KAFB-106S4-446	GWS4-446-203	mg/l	Y			0.24	0.50	1
KAFB-106S4-446	GWS4-446-203	mg/l	Y			0.096	0.15	0.2
KAFB-106S4-446	GWS4-446-203	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106S4-446	GWS4-446-203	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106S4-446	GWS4-446-203	ug/l	Y			0.0096	0.019	0.029
KAFB-106S4-446	GWS4-446-203	ug/l	N	U	U	0.40	0.80	1
KAFB-106S4-446	GWS4-446-203	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-203	ug/l	N	U	U	1.4	2.0	6
KAFB-106S4-446	GWS4-446-203	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-203	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106152-484	GW152-484-203	mg/l	Y	J	JD	1.3	2	2.5
KAFB-106152-484	GW152-484-203	mg/l	Y		D	10	15	20
KAFB-106152-484	GW152-484-203	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106152-484	GW152-484-203	mg/l	Y			8	6	8
KAFB-106152-484	GW152-484-203	mg/l	Y			8	6	8
KAFB-106152-484	GW152-484-203	mg/l	N	U	U	8	6	8
KAFB-106152-484	GW152-484-203	mg/l	Y			0.04	0.075	0.1
KAFB-106152-484	GW152-484-203	mg/l	Y			0.2	0.38	0.5
KAFB-106152-484	GW152-484-203	mg/l	Y			0.24	0.5	1
KAFB-106152-484	GW152-484-203	mg/l	Y			0.096	0.15	0.2
KAFB-106152-484	GW152-484-203	mg/l	Y			0.041	0.1	0.21
KAFB-106152-484	GW152-484-203	mg/l	Y			0.0031	0.0052	0.01
KAFB-106152-484	GW152-484-203	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106152-484	GW152-484-203	mg/l	Y			0.00068	0.0016	0.002
KAFB-106152-484	GW152-484-203	ug/l	Y	J	JMJ1	0.0096	0.019	0.029
KAFB-106S1-447	GWS1-447-203	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106S1-447	GWS1-447-203	mg/l	Y		D	1	1.5	2
KAFB-106S1-447	GWS1-447-203	mg/l	N	U	U	1.3	2	2.5
KAFB-106S1-447	GWS1-447-203	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106S1-447	GWS1-447-203	mg/l	Y			8	6	8
KAFB-106S1-447	GWS1-447-203	mg/l	Y			8	6	8
KAFB-106S1-447	GWS1-447-203	mg/l	N	U	U	8	6	8
KAFB-106S1-447	GWS1-447-203	mg/l	Y	J	J1	0.04	0.075	0.1
KAFB-106S1-447	GWS1-447-203	mg/l	Y			0.2	0.38	0.5
KAFB-106S1-447	GWS1-447-203	mg/l	Y	J	J1	0.24	0.5	1
KAFB-106S1-447	GWS1-447-203	mg/l	Y	J	J1	0.096	0.15	0.2
KAFB-106S1-447	GWS1-447-203	mg/l	Y	J	J1	0.0031	0.0052	0.01
KAFB-106S1-447	GWS1-447-203	mg/l	Y	J	J1	0.041	0.1	0.21

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S1-447	GWS1-447-203	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106S1-447	GWS1-447-203	mg/l	Y	J	J1	0.00068	0.0016	0.002
KAFB-106S1-447	GWS1-447-203	ug/l	Y	J	DJ1	1.9	3.9	5.8
KAFB-106S1-447	GWS1-447-203	ug/l	Y	J	DJ1	4	8	10
KAFB-106S1-447	GWS1-447-203	ug/l	Y	J	J1	14	20	60
KAFB-106S1-447	GWS1-447-203	ug/l	Y		D	20	50	100
KAFB-106S1-447	GWS1-447-203	ug/l	Y		D	20	50	100
KAFB-106149-484	GW149-484-203	mg/l	N	U	U	1.5	4.5	5
KAFB-106149-484	GW149-484-203	mg/l	Y		D	1	1.5	2
KAFB-106149-484	GW149-484-203	mg/l	N	U	U	1.3	2	2.5
KAFB-106149-484	GW149-484-203	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106149-484	GW149-484-203	mg/l	Y			8	6	8
KAFB-106149-484	GW149-484-203	mg/l	Y			8	6	8
KAFB-106149-484	GW149-484-203	mg/l	N	U	U	8	6	8
KAFB-106149-484	GW149-484-203	mg/l	Y			0.04	0.075	0.1
KAFB-106149-484	GW149-484-203	mg/l	Y			0.2	0.38	0.5
KAFB-106149-484	GW149-484-203	mg/l	Y			0.24	0.5	1
KAFB-106149-484	GW149-484-203	mg/l	Y			0.096	0.15	0.2
KAFB-106149-484	GW149-484-203	mg/l	Y	J	J	0.041	0.1	0.21
KAFB-106149-484	GW149-484-203	mg/l	Y			0.0031	0.0052	0.01
KAFB-106149-484	GW149-484-203	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106149-484	GW149-484-203	mg/l	Y			0.00068	0.0016	0.002
KAFB-106149-484	GW149-484-203	ug/l	Y		D	0.96	1.9	2.9
KAFB-106S5-446	GWS5-446-203	mg/l	N	U	U	1.5	4.5	5
KAFB-106S5-446	GWS5-446-203	mg/l	Y		D	1	1.5	2
KAFB-106S5-446	GWS5-446-203	mg/l	N	U	U	1.3	2	2.5
KAFB-106S5-446	GWS5-446-203	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106S5-446	GWS5-446-203	mg/l	Y			8	6	8
KAFB-106S5-446	GWS5-446-203	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106S5-446	GWS5-446-203	mg/l	Y			8	6	8
KAFB-106S5-446	GWS5-446-203	mg/l	Y			8	6	8
KAFB-106S5-446	GWS5-446-203	mg/l	N	U	U	8	6	8
KAFB-106S5-446	GWS5-446-203	mg/l	Y			0.041	0.1	0.21
KAFB-106S5-446	GWS5-446-203	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S5-446	GWS5-446-203	mg/l	Y			0.04	0.075	0.1
KAFB-106S5-446	GWS5-446-203	mg/l	Y			0.2	0.38	0.5
KAFB-106S5-446	GWS5-446-203	mg/l	Y			0.24	0.5	1
KAFB-106S5-446	GWS5-446-203	mg/l	Y			0.096	0.15	0.2
KAFB-106S5-446	GWS5-446-203	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106S5-446	GWS5-446-203	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S5-446	GWS5-446-203	ug/l	Y		D	0.19	0.39	0.58
KAFB-106S5-446	GWS5-446-203	ug/l	Y		D	8	16	20
KAFB-106S5-446	GWS5-446-203	ug/l	Y		D	4	10	20
KAFB-106S5-446	GWS5-446-203	ug/l	Y			28	40	120
KAFB-106S5-446	GWS5-446-203	ug/l	Y		D	4	10	20
KAFB-106S7-451	GWS7-451-203	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106S7-451	GWS7-451-203	mg/l	Y	J	DJ1	1	1.5	2
KAFB-106S7-451	GWS7-451-203	mg/l	N	U	U	1.3	2	2.5
KAFB-106S7-451	GWS7-451-203	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106S7-451	GWS7-451-203	mg/l	Y			8	6	8
KAFB-106S7-451	GWS7-451-203	mg/l	Y			8	6	8
KAFB-106S7-451	GWS7-451-203	mg/l	N	U	U	8	6	8
KAFB-106S7-451	GWS7-451-203	mg/l	Y			0.041	0.1	0.21
KAFB-106S7-451	GWS7-451-203	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S7-451	GWS7-451-203	mg/l	Y			0.04	0.075	0.1
KAFB-106S7-451	GWS7-451-203	mg/l	Y			0.2	0.38	0.5
KAFB-106S7-451	GWS7-451-203	mg/l	Y			0.24	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S7-451	GWS7-451-203	mg/l	Y			0.096	0.15	0.2
KAFB-106S7-451	GWS7-451-203	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106S7-451	GWS7-451-203	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S7-451	GWS7-451-203	ug/l	Y		D	1.9	3.8	5.7
KAFB-106S7-451	GWS7-451-203	ug/l	Y		D	4	8	10
KAFB-106S7-451	GWS7-451-203	ug/l	Y		D	2	5	10
KAFB-106S7-451	GWS7-451-203	ug/l	Y			14	20	60
KAFB-106S7-451	GWS7-451-203	ug/l	Y		D	2	5	10
KAFB-106S3-449	GWS3-449-203	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106S3-449	GWS3-449-203	mg/l	Y	J	JD	1.3	2	2.5
KAFB-106S3-449	GWS3-449-203	mg/l	Y		D	10	15	20
KAFB-106S3-449	GWS3-449-203	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106S3-449	GWS3-449-203	mg/l	Y			8	6	8
KAFB-106S3-449	GWS3-449-203	mg/l	Y			8	6	8
KAFB-106S3-449	GWS3-449-203	mg/l	N	U	U	8	6	8
KAFB-106S3-449	GWS3-449-203	mg/l	Y			0.041	0.1	0.21
KAFB-106S3-449	GWS3-449-203	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S3-449	GWS3-449-203	mg/l	Y			0.04	0.075	0.1
KAFB-106S3-449	GWS3-449-203	mg/l	Y			0.2	0.38	0.5
KAFB-106S3-449	GWS3-449-203	mg/l	Y			0.24	0.5	1
KAFB-106S3-449	GWS3-449-203	mg/l	Y			0.096	0.15	0.2
KAFB-106S3-449	GWS3-449-203	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106S3-449	GWS3-449-203	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S3-449	GWS3-449-203	ug/l	Y		D	4.8	9.6	14
KAFB-106S3-449	GWS3-449-203	ug/l	Y		D	4	8	10
KAFB-106S3-449	GWS3-449-203	ug/l	Y	J	JD	2	5	10
KAFB-106S3-449	GWS3-449-203	ug/l	Y			14	20	60
KAFB-106S3-449	GWS3-449-203	ug/l	Y		D	2	5	10
KAFB-106S2-451	GWS2-451-203	mg/l	Y		D	1.5	4.5	5
KAFB-106S2-451	GWS2-451-203	mg/l	N	U	U	1.3	2	2.5
KAFB-106S2-451	GWS2-451-203	mg/l	Y		D	10	15	20
KAFB-106S2-451	GWS2-451-203	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106S2-451	GWS2-451-203	mg/l	Y			8	6	8
KAFB-106S2-451	GWS2-451-203	mg/l	Y			8	6	8
KAFB-106S2-451	GWS2-451-203	mg/l	N	U	U	8	6	8
KAFB-106S2-451	GWS2-451-203	mg/l	Y	J	J	0.041	0.1	0.21
KAFB-106S2-451	GWS2-451-203	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S2-451	GWS2-451-203	mg/l	Y			0.04	0.075	0.1
KAFB-106S2-451	GWS2-451-203	mg/l	Y			0.2	0.38	0.5
KAFB-106S2-451	GWS2-451-203	mg/l	Y			0.24	0.5	1
KAFB-106S2-451	GWS2-451-203	mg/l	Y			0.096	0.15	0.2
KAFB-106S2-451	GWS2-451-203	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106S2-451	GWS2-451-203	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106S2-451	GWS2-451-203	ug/l	Y		D	19	38	57
KAFB-106S2-451	GWS2-451-203	ug/l	Y		D	4	8	10
KAFB-106S2-451	GWS2-451-203	ug/l	Y		D	2	5	10
KAFB-106S2-451	GWS2-451-203	ug/l	Y			14	20	60
KAFB-106S2-451	GWS2-451-203	ug/l	Y		D	2	5	10
KAFB-106S9-447	GWS9-447-203	mg/l	Y		D	15	45	50
KAFB-106S9-447	GWS9-447-203	mg/l	Y		D	10	15	20
KAFB-106S9-447	GWS9-447-203	mg/l	N	U	U	13	20	25
KAFB-106S9-447	GWS9-447-203	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106S9-447	GWS9-447-203	mg/l	Y			8	6	8
KAFB-106S9-447	GWS9-447-203	mg/l	Y			8	6	8
KAFB-106S9-447	GWS9-447-203	mg/l	N	U	U	8	6	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S9-447	GWS9-447-203	mg/l	Y			0.04	0.075	0.1
KAFB-106S9-447	GWS9-447-203	mg/l	Y			0.2	0.38	0.5
KAFB-106S9-447	GWS9-447-203	mg/l	Y			0.24	0.5	1
KAFB-106S9-447	GWS9-447-203	mg/l	Y			0.096	0.15	0.2
KAFB-106S9-447	GWS9-447-203	mg/l	Y			0.041	0.1	0.21
KAFB-106S9-447	GWS9-447-203	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S9-447	GWS9-447-203	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106S9-447	GWS9-447-203	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106S9-447	GWS9-447-203	ug/l	Y			0.0096	0.019	0.029
KAFB-106S9-447	GWS9-447-203	ug/l	Y		D	4	8	10
KAFB-106S9-447	GWS9-447-203	ug/l	Y		D	2	5	10
KAFB-106S9-447	GWS9-447-203	ug/l	Y			14	20	60
KAFB-106S9-447	GWS9-447-203	ug/l	Y		D	20	50	100
KAFB-106151-484	GW151-484-203	mg/l	Y		D	30	90	100
KAFB-106151-484	GW151-484-203	mg/l	Y		D	20	30	40
KAFB-106151-484	GW151-484-203	mg/l	N	U	U	25	40	50
KAFB-106151-484	GW151-484-203	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106151-484	GW151-484-203	mg/l	Y			8	6	8
KAFB-106151-484	GW151-484-203	mg/l	Y			8	6	8
KAFB-106151-484	GW151-484-203	mg/l	N	U	U	8	6	8
KAFB-106151-484	GW151-484-203	mg/l	Y			0.04	0.075	0.1
KAFB-106151-484	GW151-484-203	mg/l	Y			0.2	0.38	0.5
KAFB-106151-484	GW151-484-203	mg/l	Y			0.24	0.5	1
KAFB-106151-484	GW151-484-203	mg/l	Y			0.096	0.15	0.2
KAFB-106151-484	GW151-484-203	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106151-484	GW151-484-203	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106151-484	GW151-484-203	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106151-484	GW151-484-203	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106151-484	GW151-484-203	ug/l	Y	J	J	0.0096	0.019	0.029
KAFB-106153-484	GW153-484-203	mg/l	N	U	U	1.5	4.5	5
KAFB-106153-484	GW153-484-203	mg/l	Y		D	1	1.5	2
KAFB-106153-484	GW153-484-203	mg/l	Y	J	JD	1.3	2	2.5
KAFB-106153-484	GW153-484-203	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106153-484	GW153-484-203	mg/l	Y			8	6	8
KAFB-106153-484	GW153-484-203	mg/l	Y			8	6	8
KAFB-106153-484	GW153-484-203	mg/l	N	U	U	8	6	8
KAFB-106153-484	GW153-484-203	mg/l	Y			0.04	0.075	0.1
KAFB-106153-484	GW153-484-203	mg/l	Y			0.2	0.38	0.5
KAFB-106153-484	GW153-484-203	mg/l	Y			0.24	0.5	1
KAFB-106153-484	GW153-484-203	mg/l	Y			0.096	0.15	0.2
KAFB-106153-484	GW153-484-203	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106153-484	GW153-484-203	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106153-484	GW153-484-203	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106153-484	GW153-484-203	mg/l	Y			0.00068	0.0016	0.002
KAFB-106153-484	GW153-484-203	ug/l	Y		D	1.9	3.8	5.7
KAFB-106S8-451	GWS8-451-203	mg/l	Y		D	1.5	4.5	5
KAFB-106S8-451	GWS8-451-203	mg/l	Y		D	1	1.5	2
KAFB-106S8-451	GWS8-451-203	mg/l	N	U	U	1.3	2	2.5
KAFB-106S8-451	GWS8-451-203	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106S8-451	GWS8-451-203	mg/l	Y			8	6	8
KAFB-106S8-451	GWS8-451-203	mg/l	Y			8	6	8
KAFB-106S8-451	GWS8-451-203	mg/l	N	U	U	8	6	8
KAFB-106S8-451	GWS8-451-203	mg/l	Y			0.04	0.075	0.1
KAFB-106S8-451	GWS8-451-203	mg/l	Y			0.2	0.38	0.5
KAFB-106S8-451	GWS8-451-203	mg/l	Y			0.24	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S8-451	GWS8-451-203	mg/l	Y			0.096	0.15	0.2
KAFB-106S8-451	GWS8-451-203	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106S8-451	GWS8-451-203	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S8-451	GWS8-451-203	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106S8-451	GWS8-451-203	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S8-451	GWS8-451-203	ug/l	Y		D	19	38	57
KAFB-106S8-451	GWS8-451-203	ug/l	Y		D	40	80	100
KAFB-106S8-451	GWS8-451-203	ug/l	Y		D	20	50	100
KAFB-106S8-451	GWS8-451-203	ug/l	Y			140	200	600
KAFB-106S8-451	GWS8-451-203	ug/l	Y		D	20	50	100
KAFB-106S8-451	GWS8-451-603	mg/l	Y		D	1.5	4.5	5
KAFB-106S8-451	GWS8-451-603	mg/l	Y		D	1	1.5	2
KAFB-106S8-451	GWS8-451-603	mg/l	N	U	U	1.3	2	2.5
KAFB-106S8-451	GWS8-451-603	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106S8-451	GWS8-451-603	mg/l	Y			8	6	8
KAFB-106S8-451	GWS8-451-603	mg/l	Y			8	6	8
KAFB-106S8-451	GWS8-451-603	mg/l	N	U	U	8	6	8
KAFB-106S8-451	GWS8-451-603	mg/l	Y			0.04	0.075	0.1
KAFB-106S8-451	GWS8-451-603	mg/l	Y			0.2	0.38	0.5
KAFB-106S8-451	GWS8-451-603	mg/l	Y			0.24	0.5	1
KAFB-106S8-451	GWS8-451-603	mg/l	Y			0.096	0.15	0.2
KAFB-106S8-451	GWS8-451-603	mg/l	Y			0.041	0.1	0.21
KAFB-106S8-451	GWS8-451-603	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S8-451	GWS8-451-603	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106S8-451	GWS8-451-603	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S8-451	GWS8-451-603	ug/l	Y		D	19	39	58
KAFB-106S8-451	GWS8-451-603	ug/l	Y		D	20	40	50
KAFB-106S8-451	GWS8-451-603	ug/l	Y		D	10	25	50
KAFB-106S8-451	GWS8-451-603	ug/l	Y		D	20	40	50
KAFB-106S8-451	GWS8-451-603	ug/l	Y		D	10	25	50
KAFB-106S8-451	GWS8-451-603	ug/l	Y			70	100	300
KAFB-106S8-451	GWS8-451-603	ug/l	Y		D	10	25	50
KAFB-106005	GW005-203	mg/l	Y		D	1.3	2.0	2.5
KAFB-106005	GW005-203	mg/l	Y		D	15	45	50
KAFB-106005	GW005-203	mg/l	Y		D	10	15	20
KAFB-106005	GW005-203	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106005	GW005-203	mg/l	Y			8.0	6.0	8
KAFB-106005	GW005-203	mg/l	Y			8.0	6.0	8
KAFB-106005	GW005-203	mg/l	N	U	U	8.0	6.0	8
KAFB-106005	GW005-203	mg/l	Y			0.040	0.075	0.1
KAFB-106005	GW005-203	mg/l	Y			0.24	0.50	1
KAFB-106005	GW005-203	mg/l	Y			0.096	0.15	0.2
KAFB-106005	GW005-203	mg/l	Y			0.20	0.38	0.5
KAFB-106005	GW005-203	mg/l	Y	J	J	0.041	0.10	0.21
KAFB-106005	GW005-203	mg/l	Y			0.0031	0.0052	0.01
KAFB-106005	GW005-203	mg/l	N	U	J	0.000071	0.00025	0.0005
KAFB-106005	GW005-203	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106005	GW005-203	ug/l	Y	J	DQ	0.20	0.39	0.59
KAFB-106005	GW005-203	ug/l	Y		D	0.80	1.6	2
KAFB-106005	GW005-203	ug/l	Y			2.8	4.0	12
KAFB-106005	GW005-203	ug/l	Y		D	4.0	10	20
KAFB-106005	GW005-203	ug/l	Y		D	4.0	10	20
KAFB-106012R	GW012R-203	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106012R	GW012R-203	mg/l	Y	J	JD	150	450	500
KAFB-106012R	GW012R-203	mg/l	Y		D	100	150	200
KAFB-106012R	GW012R-203	mg/l	Y			0.20	0.45	0.5
KAFB-106012R	GW012R-203	mg/l	Y			8.0	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106012R	GW012R-203	mg/l	Y			8.0	6.0	8
KAFB-106012R	GW012R-203	mg/l	N	U	U	8.0	6.0	8
KAFB-106012R	GW012R-203	mg/l	Y			0.040	0.075	0.1
KAFB-106012R	GW012R-203	mg/l	Y			0.24	0.50	1
KAFB-106012R	GW012R-203	mg/l	Y			0.096	0.15	0.2
KAFB-106012R	GW012R-203	mg/l	Y			0.20	0.38	0.5
KAFB-106012R	GW012R-203	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106012R	GW012R-203	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106012R	GW012R-203	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106012R	GW012R-203	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106012R	GW012R-203	ug/l	N	U	UM	0.0097	0.019	0.029
KAFB-106012R	GW012R-203	ug/l	N	U	U	0.40	0.80	1
KAFB-106012R	GW012R-203	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-203	ug/l	N	U	U	1.4	2.0	6
KAFB-106012R	GW012R-203	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-603	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106012R	GW012R-603	mg/l	Y	J	JD	150	450	500
KAFB-106012R	GW012R-603	mg/l	Y	J	JD	100	150	200
KAFB-106012R	GW012R-603	mg/l	Y			0.080	0.18	0.2
KAFB-106012R	GW012R-603	mg/l	Y			8.0	6.0	8
KAFB-106012R	GW012R-603	mg/l	Y			8.0	6.0	8
KAFB-106012R	GW012R-603	mg/l	N	U	U	8.0	6.0	8
KAFB-106012R	GW012R-603	mg/l	Y			0.040	0.075	0.1
KAFB-106012R	GW012R-603	mg/l	Y			0.24	0.50	1
KAFB-106012R	GW012R-603	mg/l	Y			0.096	0.15	0.2
KAFB-106012R	GW012R-603	mg/l	Y			0.20	0.38	0.5
KAFB-106012R	GW012R-603	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106012R	GW012R-603	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106012R	GW012R-603	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106012R	GW012R-603	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106012R	GW012R-603	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106012R	GW012R-603	ug/l	N	U	U	0.40	0.80	1
KAFB-106012R	GW012R-603	ug/l	N	U	UM	0.20	0.50	1
KAFB-106012R	GW012R-603	ug/l	N	U	U	1.4	2.0	6
KAFB-106012R	GW012R-603	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-203	ug/l	N	U	UM	0.0095	0.019	0.029
KAFB-106101	GW101-203	ug/l	N	U	U	0.4	0.8	1
KAFB-106101	GW101-203	ug/l	N	U	U	0.2	0.5	1
KAFB-106101	GW101-203	ug/l	N	U	U	1.4	2	6
KAFB-106101	GW101-203	ug/l	N	U	U	0.2	0.5	1
KAFB-106102	GW102-203	ug/l	N	U	UM	0.0095	0.019	0.029
KAFB-106102	GW102-203	ug/l	N	U	U	0.4	0.8	1
KAFB-106102	GW102-203	ug/l	N	U	U	0.2	0.5	1
KAFB-106102	GW102-203	ug/l	N	U	U	1.4	2	6
KAFB-106102	GW102-203	ug/l	N	U	U	0.2	0.5	1
KAFB-106003	GW003-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106003	GW003-203	ug/l	N	U	U	0.4	0.8	1
KAFB-106003	GW003-203	ug/l	N	U	U	0.2	0.5	1
KAFB-106003	GW003-203	ug/l	N	U	U	1.4	2	6
KAFB-106003	GW003-203	ug/l	N	U	U	0.2	0.5	1
KAFB-106013	GW013-203	ug/l	N	UJ	UQ	0.0096	0.019	0.029
KAFB-106013	GW013-203	ug/l	N	U	U	0.4	0.8	1
KAFB-106013	GW013-203	ug/l	N	U	U	0.2	0.5	1
KAFB-106013	GW013-203	ug/l	N	U	U	1.4	2	6
KAFB-106013	GW013-203	ug/l	N	U	U	0.2	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106098	GW098-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106098	GW098-203	ug/l	N	U	U	0.4	0.8	1
KAFB-106098	GW098-203	ug/l	N	U	U	0.2	0.5	1
KAFB-106098	GW098-203	ug/l	N	U	U	1.4	2	6
KAFB-106098	GW098-203	ug/l	N	U	U	0.2	0.5	1
KAFB-106097	GW097-203	ug/l	N	U	UM	0.0097	0.019	0.029
KAFB-106097	GW097-203	ug/l	N	U	U	0.4	0.8	1
KAFB-106097	GW097-203	ug/l	N	U	U	0.2	0.5	1
KAFB-106097	GW097-203	ug/l	N	U	U	1.4	2	6
KAFB-106097	GW097-203	ug/l	N	U	U	0.2	0.5	1
KAFB-106004	GW004-203	ug/l	N	U	UM	0.0099	0.02	0.03
KAFB-106004	GW004-203	ug/l	N	U	U	0.4	0.8	1
KAFB-106004	GW004-203	ug/l	N	U	U	0.2	0.5	1
KAFB-106004	GW004-203	ug/l	N	U	U	1.4	2	6
KAFB-106004	GW004-203	ug/l	N	U	U	0.2	0.5	1
KAFB-106100	GW100-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106100	GW100-203	ug/l	N	U	U	0.4	0.8	1
KAFB-106100	GW100-203	ug/l	N	U	U	0.2	0.5	1
KAFB-106100	GW100-203	ug/l	N	U	U	1.4	2	6
KAFB-106100	GW100-203	ug/l	N	U	U	0.2	0.5	1
KAFB-106099	GW099-203	ug/l	N	U	UM	0.0095	0.019	0.029
KAFB-106099	GW099-203	ug/l	N	U	U	0.4	0.8	1
KAFB-106099	GW099-203	ug/l	N	U	U	0.2	0.5	1
KAFB-106099	GW099-203	ug/l	N	U	U	1.4	2	6
KAFB-106099	GW099-203	ug/l	N	U	U	0.2	0.5	1
KAFB-0508-MW	GW0508-203	mg/l	Y			0.041	0.077	0.1
KAFB-0508-MW	GW0508-203	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-0508-MW	GW0508-203	mg/l	Y			0.21	0.39	0.52
KAFB-0508-MW	GW0508-203	mg/l	Y			0.25	0.52	1
KAFB-0508-MW	GW0508-203	mg/l	Y			0.001	0.0026	0.0052
KAFB-0508-MW	GW0508-203	mg/l	Y			0.099	0.15	0.21
KAFB-0508-MW	GW0508-203	mg/l	Y	J	J	0.0007	0.0016	0.0021
KAFB-0508-MW	GW0508-203	mg/l	Y			0.0004	0.00082	0.001
KAFB-0508-MW	GW0508-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-0508-MW	GW0508-203	ug/l	N	U	U	0.4	0.8	1
KAFB-0508-MW	GW0508-203	ug/l	Y			0.2	0.5	1
KAFB-0508-MW	GW0508-203	ug/l	N	U	U	1.4	2	6
KAFB-0508-MW	GW0508-203	ug/l	N	U	U	0.2	0.5	1
KAFB-0508-MW	GW0508-203	mg/l	Y		D	0.5	0.9	1
KAFB-0508-MW	GW0508-203	mg/l	N	U	U	0.16	0.16	0.21
KAFB-0508-MW	GW0508-203	mg/l	N	U	U	0.041	0.1	0.21
KAFB-0505	GW0505-203	mg/l	Y	J	DJ1	0.5	0.9	1
KAFB-0505	GW0505-203	mg/l	N	U	U	0.16	0.16	0.21
KAFB-0505	GW0505-203	mg/l	N	U	U	0.041	0.1	0.21
KAFB-0505	GW0505-203	mg/l	Y	J	J1	0.041	0.077	0.1
KAFB-0505	GW0505-203	mg/l	N	U	UJ1	0.0031	0.0052	0.01
KAFB-0505	GW0505-203	mg/l	Y			0.21	0.39	0.52
KAFB-0505	GW0505-203	mg/l	Y	J	J1	0.25	0.52	1
KAFB-0505	GW0505-203	mg/l	Y			0.001	0.0026	0.0052
KAFB-0505	GW0505-203	mg/l	Y	J	J1	0.099	0.15	0.21
KAFB-0505	GW0505-203	mg/l	N	UJ	UJ1	0.0007	0.0016	0.0021
KAFB-0505	GW0505-203	mg/l	Y	J	J1	0.0004	0.00082	0.001
KAFB-0505	GW0505-203	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-0505	GW0505-203	ug/l	N	U	U	0.4	0.8	1
KAFB-0505	GW0505-203	ug/l	Y			0.2	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-0505	GW0505-203	ug/l	N	U	U	1.4	2	6
KAFB-0505	GW0505-203	ug/l	N	U	U	0.2	0.5	1
ST105MW507R	GW0507R-203	mg/l	Y		D	0.5	0.9	1
ST105MW507R	GW0507R-203	mg/l	N	U	U	0.16	0.16	0.21
ST105MW507R	GW0507R-203	mg/l	N	U	U	0.041	0.1	0.21
ST105MW507R	GW0507R-203	mg/l	Y			0.041	0.077	0.1
ST105MW507R	GW0507R-203	mg/l	N	U	U	0.0031	0.0052	0.01
ST105MW507R	GW0507R-203	mg/l	Y			0.21	0.39	0.52
ST105MW507R	GW0507R-203	mg/l	Y			0.25	0.52	1
ST105MW507R	GW0507R-203	mg/l	Y			0.001	0.0026	0.0052
ST105MW507R	GW0507R-203	mg/l	Y			0.099	0.15	0.21
ST105MW507R	GW0507R-203	mg/l	N	U	U	0.0007	0.0016	0.0021
ST105MW507R	GW0507R-203	mg/l	Y			0.0004	0.00082	0.001
ST105MW507R	GW0507R-203	ug/l	N	U	UM	0.0096	0.019	0.029
ST105MW507R	GW0507R-203	ug/l	N	U	U	0.4	0.8	1
ST105MW507R	GW0507R-203	ug/l	Y			0.2	0.5	1
ST105MW507R	GW0507R-203	ug/l	N	U	U	1.4	2	6
ST105MW507R	GW0507R-203	ug/l	N	U	U	0.2	0.5	1
ST105MW507R	GW0507R-603	mg/l	Y		D	0.5	0.9	1
ST105MW507R	GW0507R-603	mg/l	N	U	U	0.16	0.16	0.21
ST105MW507R	GW0507R-603	mg/l	N	U	U	0.041	0.1	0.21
ST105MW507R	GW0507R-603	mg/l	Y			0.041	0.077	0.1
ST105MW507R	GW0507R-603	mg/l	N	U	U	0.0031	0.0052	0.01
ST105MW507R	GW0507R-603	mg/l	Y			0.21	0.39	0.52
ST105MW507R	GW0507R-603	mg/l	Y			0.25	0.52	1
ST105MW507R	GW0507R-603	mg/l	Y			0.001	0.0026	0.0052
ST105MW507R	GW0507R-603	mg/l	Y			0.099	0.15	0.21
ST105MW507R	GW0507R-603	mg/l	N	U	U	0.0007	0.0016	0.0021
ST105MW507R	GW0507R-603	mg/l	Y			0.0004	0.00082	0.001
ST105MW507R	GW0507R-603	ug/l	N	U	UM	0.0096	0.019	0.029
ST105MW507R	GW0507R-603	ug/l	N	U	U	0.4	0.8	1
ST105MW507R	GW0507R-603	ug/l	Y			0.2	0.5	1
ST105MW507R	GW0507R-603	ug/l	N	U	U	1.4	2	6
ST105MW507R	GW0507R-603	ug/l	N	U	U	0.2	0.5	1
KAFB-106011	GW011-204	mg/l	Y	J	DQ	15	45	50
KAFB-106011	GW011-204	mg/l	Y	J	QD	10	15	20
KAFB-106011	GW011-204	mg/l	N	UJ	UQ	13	20	25
KAFB-106011	GW011-204	mg/l	Y			0.40	0.90	1
KAFB-106011	GW011-204	mg/l	Y			8.0	6.0	8
KAFB-106011	GW011-204	mg/l	Y			8.0	6.0	8
KAFB-106011	GW011-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106011	GW011-204	mg/l	Y			0.040	0.075	0.1
KAFB-106011	GW011-204	mg/l	Y			0.20	0.38	0.5
KAFB-106011	GW011-204	mg/l	Y			0.24	0.50	1
KAFB-106011	GW011-204	mg/l	Y			0.096	0.15	0.2
KAFB-106011	GW011-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106011	GW011-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106011	GW011-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106011	GW011-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106011	GW011-204	ug/l	Y	J	JM	0.0096	0.019	0.029
KAFB-106011	GW011-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106011	GW011-204	ug/l	Y	J	J	0.30	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106011	GW011-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106011	GW011-204	ug/l	N	U	UM	0.50	1.0	10
KAFB-106011	GW011-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106011	GW011-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	UM	0.30	1.0	10
KAFB-106011	GW011-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106011	GW011-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106011	GW011-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106011	GW011-204	ug/l	N	U	UM	0.30	1.0	10
KAFB-106011	GW011-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	Y	J	JM	0.70	2.0	20
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	Y	J	JM	0.30	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106011	GW011-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106011	GW011-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106011	GW011-204	ug/l	N	U	U	1.0	2.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106011	GW011-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106011	GW011-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106011	GW011-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106011	GW011-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106011	GW011-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106011	GW011-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106011	GW011-204	ug/l	Y			0.20	0.50	5
KAFB-106011	GW011-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106044	GW044-204	mg/l	Y	J	DQ	1.5	4.5	5
KAFB-106044	GW044-204	mg/l	N	UJ	UQ	1.3	2.0	2.5
KAFB-106044	GW044-204	mg/l	Y	J	QD	10	15	20
KAFB-106044	GW044-204	mg/l	Y			0.040	0.090	0.1
KAFB-106044	GW044-204	mg/l	Y			8.0	6.0	8
KAFB-106044	GW044-204	mg/l	Y			8.0	6.0	8
KAFB-106044	GW044-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106044	GW044-204	mg/l	Y			0.040	0.075	0.1
KAFB-106044	GW044-204	mg/l	Y			0.24	0.50	1
KAFB-106044	GW044-204	mg/l	Y			0.096	0.15	0.2
KAFB-106044	GW044-204	mg/l	Y			0.20	0.38	0.5
KAFB-106044	GW044-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106044	GW044-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106044	GW044-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106044	GW044-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106044	GW044-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106044	GW044-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106044	GW044-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106044	GW044-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106044	GW044-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106044	GW044-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106044	GW044-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106044	GW044-204	ug/l	N	U	UQ	2.0	4.0	5
KAFB-106044	GW044-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-604	mg/l	Y	J	DQ	1.5	4.5	5
KAFB-106044	GW044-604	mg/l	N	UJ	UQ	1.3	2.0	2.5
KAFB-106044	GW044-604	mg/l	Y	J	QD	10	15	20
KAFB-106044	GW044-604	mg/l	Y			0.040	0.090	0.1
KAFB-106044	GW044-604	mg/l	Y			8.0	6.0	8
KAFB-106044	GW044-604	mg/l	Y			8.0	6.0	8
KAFB-106044	GW044-604	mg/l	N	U	U	8.0	6.0	8
KAFB-106044	GW044-604	mg/l	Y			0.040	0.075	0.1
KAFB-106044	GW044-604	mg/l	Y			0.20	0.38	0.5
KAFB-106044	GW044-604	mg/l	Y			0.24	0.50	1
KAFB-106044	GW044-604	mg/l	Y			0.096	0.15	0.2
KAFB-106044	GW044-604	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106044	GW044-604	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106044	GW044-604	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106044	GW044-604	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106044	GW044-604	ug/l	N	U	U	0.0096	0.019	0.029

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106044	GW044-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	3.0	5.0	100
KAFB-106044	GW044-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.30	1.0	20
KAFB-106044	GW044-604	ug/l	N	U	U	0.70	2.0	10
KAFB-106044	GW044-604	ug/l	N	U	U	0.50	1.0	10
KAFB-106044	GW044-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	1.4	2.0	6
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.30	1.0	10
KAFB-106044	GW044-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.70	2.0	20
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-604	ug/l	N	U	U	1.0	2.0	4
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.30	1.0	10
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.40	1.0	5
KAFB-106044	GW044-604	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106044	GW044-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106044	GW044-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106027	GW027-204	mg/l	Y	J	DQ	1.5	4.5	5
KAFB-106027	GW027-204	mg/l	N	UJ	UQ	1.3	2.0	2.5
KAFB-106027	GW027-204	mg/l	Y	J	JQD	10	15	20
KAFB-106027	GW027-204	mg/l	Y			0.040	0.090	0.1
KAFB-106027	GW027-204	mg/l	Y			8.0	6.0	8
KAFB-106027	GW027-204	mg/l	Y			8.0	6.0	8
KAFB-106027	GW027-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106027	GW027-204	mg/l	Y			0.040	0.075	0.1
KAFB-106027	GW027-204	mg/l	Y			0.20	0.38	0.5
KAFB-106027	GW027-204	mg/l	Y			0.24	0.50	1
KAFB-106027	GW027-204	mg/l	Y			0.096	0.15	0.2
KAFB-106027	GW027-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106027	GW027-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106027	GW027-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106027	GW027-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106027	GW027-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106027	GW027-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106027	GW027-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106027	GW027-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106027	GW027-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106027	GW027-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106027	GW027-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106027	GW027-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106027	GW027-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106027	GW027-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106027	GW027-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106027	GW027-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106016	GW016-204	mg/l	Y	J	DQ	1.5	4.5	5
KAFB-106016	GW016-204	mg/l	N	UJ	UQ	1.3	2.0	2.5
KAFB-106016	GW016-204	mg/l	Y	J	JQD	10	15	20
KAFB-106016	GW016-204	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106016	GW016-204	mg/l	Y			8.0	6.0	8
KAFB-106016	GW016-204	mg/l	Y			8.0	6.0	8
KAFB-106016	GW016-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106016	GW016-204	mg/l	Y			0.040	0.075	0.1
KAFB-106016	GW016-204	mg/l	Y			0.20	0.38	0.5
KAFB-106016	GW016-204	mg/l	Y			0.24	0.50	1
KAFB-106016	GW016-204	mg/l	Y			0.096	0.15	0.2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106016	GW016-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106016	GW016-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106016	GW016-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106016	GW016-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106016	GW016-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106016	GW016-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106016	GW016-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106016	GW016-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106016	GW016-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106016	GW016-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106016	GW016-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106016	GW016-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106016	GW016-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106016	GW016-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106016	GW016-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106016	GW016-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106016	GW016-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106012R	GW012R-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106012R	GW012R-204	mg/l	Y		D	15	45	50
KAFB-106012R	GW012R-204	mg/l	Y		D	10	15	20
KAFB-106012R	GW012R-204	mg/l	Y			0.20	0.45	0.5
KAFB-106012R	GW012R-204	mg/l	Y			8.0	6.0	8
KAFB-106012R	GW012R-204	mg/l	Y			8.0	6.0	8
KAFB-106012R	GW012R-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106012R	GW012R-204	mg/l	Y			0.040	0.075	0.1
KAFB-106012R	GW012R-204	mg/l	Y			0.20	0.38	0.5
KAFB-106012R	GW012R-204	mg/l	Y			0.040	0.075	0.1
KAFB-106012R	GW012R-204	mg/l	Y			0.20	0.38	0.5
KAFB-106012R	GW012R-204	mg/l	Y			0.24	0.50	1
KAFB-106012R	GW012R-204	mg/l	Y			0.096	0.15	0.2
KAFB-106012R	GW012R-204	mg/l	N	UJ	UJ1Q	0.041	0.10	0.21
KAFB-106012R	GW012R-204	mg/l	N	UJ	UJ1Q	0.0031	0.0052	0.01
KAFB-106012R	GW012R-204	mg/l	N	UJ	UJ1	0.00068	0.0016	0.002
KAFB-106012R	GW012R-204	mg/l	N	U	JJ1	0.000071	0.00050	0.0005
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	UJ	UJ1	3.0	5.0	100
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106012R	GW012R-204	ug/l	N	U		0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	UJ	UJ1	0.70	2.0	20
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106012R	GW012R-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106012R	GW012R-204	ug/l	N	U	U	0.20	0.50	5
KAFB-3411	GW3411-204	mg/l	Y		D	1.5	4.5	5
KAFB-3411	GW3411-204	mg/l	Y		D	1.0	1.5	2
KAFB-3411	GW3411-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-3411	GW3411-204	mg/l	Y			0.040	0.090	0.1
KAFB-3411	GW3411-204	mg/l	Y			8.0	6.0	8
KAFB-3411	GW3411-204	mg/l	Y			8.0	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-3411	GW3411-204	mg/l	N	U	U	8.0	6.0	8
KAFB-3411	GW3411-204	mg/l	Y			0.040	0.075	0.1
KAFB-3411	GW3411-204	mg/l	Y			0.20	0.38	0.5
KAFB-3411	GW3411-204	mg/l	Y			0.24	0.50	1
KAFB-3411	GW3411-204	mg/l	Y			0.096	0.15	0.2
KAFB-3411	GW3411-204	mg/l	N	U	UQ	0.041	0.10	0.21
KAFB-3411	GW3411-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-3411	GW3411-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-3411	GW3411-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-3411	GW3411-204	ug/l	N	U	U	0.0098	0.020	0.029
KAFB-3411	GW3411-204	ug/l	N	U	U	0.40	0.80	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	3.0	5.0	100
KAFB-3411	GW3411-204	ug/l	N	U	U	0.30	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.30	1.0	20
KAFB-3411	GW3411-204	ug/l	N	U	U	0.70	2.0	10
KAFB-3411	GW3411-204	ug/l	N	U	U	0.50	1.0	10
KAFB-3411	GW3411-204	ug/l	N	U	U	0.30	1.0	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	5
KAFB-3411	GW3411-204	ug/l	N	U		0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U		0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.30	1.0	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	1.4	2.0	6
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	1.0	2.0	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.30	1.0	10
KAFB-3411	GW3411-204	ug/l	N	U	U	0.30	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.70	2.0	20
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.30	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.30	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.30	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	5
KAFB-3411	GW3411-204	ug/l	N	U	U	1.0	2.0	4
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.30	1.0	10
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.40	1.0	5
KAFB-3411	GW3411-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-3411	GW3411-204	ug/l	N	U	U	1.0	2.0	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.40	0.80	1
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	5
KAFB-3411	GW3411-204	ug/l	N	U	U	1.0	2.0	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.30	1.0	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.30	1.0	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	5
KAFB-3411	GW3411-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106235-472	GW235-472-204	mg/l	Y		D	1.5	4.5	5
KAFB-106235-472	GW235-472-204	mg/l	N	U	U	1.3	2	2.5
KAFB-106235-472	GW235-472-204	mg/l	Y		D	10	15	20
KAFB-106235-472	GW235-472-204	mg/l	Y			0.04	0.09	0.1
KAFB-106235-472	GW235-472-204	mg/l	Y			8	6	8
KAFB-106235-472	GW235-472-204	mg/l	Y			8	6	8
KAFB-106235-472	GW235-472-204	mg/l	N	U	U	8	6	8
KAFB-106235-472	GW235-472-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106235-472	GW235-472-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106235-472	GW235-472-204	mg/l	Y			0.04	0.075	0.1
KAFB-106235-472	GW235-472-204	mg/l	Y			0.096	0.15	0.2
KAFB-106235-472	GW235-472-204	mg/l	Y			0.2	0.38	0.5
KAFB-106235-472	GW235-472-204	mg/l	Y			0.24	0.5	1
KAFB-106235-472	GW235-472-204	mg/l	N	U	J	0.000071	0.0005	0.0005
KAFB-106235-472	GW235-472-204	mg/l	Y	J	JJ1	0.00068	0.0016	0.002
KAFB-106235-472	GW235-472-204	ug/l	Y	J	J	0.0098	0.02	0.029
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	3	5	100
KAFB-106235-472	GW235-472-204	ug/l	N	U	UM	0.3	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.3	1	20
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.7	2	10
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.5	1	10
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.3	1	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.3	1	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	1.4	2	6
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	UJ	UJ	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	1	2	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.3	1	10
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.7	2	20
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	UQ	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	1	2	4
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.3	1	10
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.4	1	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	2	4	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	1	2	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	1	2	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.3	1	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.3	1	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106235-472	GW235-472-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106007	GW007-204	mg/l	Y		D	1.5	4.5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106007	GW007-204	mg/l	Y		D	1	1.5	2
KAFB-106007	GW007-204	mg/l	N	U	U	1.3	2	2.5
KAFB-106007	GW007-204	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106007	GW007-204	mg/l	Y			8	6	8
KAFB-106007	GW007-204	mg/l	Y			8	6	8
KAFB-106007	GW007-204	mg/l	N	U	U	8	6	8
KAFB-106007	GW007-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106007	GW007-204	mg/l	Y	J	J	0.0031	0.0052	0.01
KAFB-106007	GW007-204	mg/l	Y			0.04	0.075	0.1
KAFB-106007	GW007-204	mg/l	Y			0.2	0.38	0.5
KAFB-106007	GW007-204	mg/l	Y			0.24	0.5	1
KAFB-106007	GW007-204	mg/l	Y			0.096	0.15	0.2
KAFB-106007	GW007-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106007	GW007-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106007	GW007-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.4	0.8	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	3	5	100
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.3	1	20
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.7	2	10
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.5	1	10
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106007	GW007-204	ug/l	Y	J		0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	1.4	2	6
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	1	2	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.3	1	10
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	Y	J	J	0.7	2	20
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	1	2	4
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	Y	J		0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.3	1	10
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.4	1	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	2	4	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	1	2	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.4	0.8	1
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	1	2	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106007	GW007-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-438	GW235-438-204	mg/l	Y		D	1.5	4.5	5
KAFB-106235-438	GW235-438-204	mg/l	Y	J	JD	1.3	2	2.5
KAFB-106235-438	GW235-438-204	mg/l	Y		D	10	15	20
KAFB-106235-438	GW235-438-204	mg/l	Y			0.04	0.09	0.1
KAFB-106235-438	GW235-438-204	mg/l	Y			8	6	8
KAFB-106235-438	GW235-438-204	mg/l	Y			8	6	8
KAFB-106235-438	GW235-438-204	mg/l	N	U	U	8	6	8
KAFB-106235-438	GW235-438-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106235-438	GW235-438-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106235-438	GW235-438-204	mg/l	Y			0.04	0.075	0.1
KAFB-106235-438	GW235-438-204	mg/l	Y			0.2	0.38	0.5
KAFB-106235-438	GW235-438-204	mg/l	Y			0.24	0.5	1
KAFB-106235-438	GW235-438-204	mg/l	Y			0.096	0.15	0.2
KAFB-106235-438	GW235-438-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106235-438	GW235-438-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106235-438	GW235-438-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.4	0.8	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	3	5	100

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.3	1	20
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.7	2	10
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.5	1	10
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	Y	J	J	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	1.4	2	6
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	1	2	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.3	1	10
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.7	2	20
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.3	1	10
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.4	1	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	2	4	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	1	2	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.4	0.8	1
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	1	2	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.3	1	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-438	GW235-438-204	ug/l	N	U	U	0.3	1	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-438	GW235-438-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	mg/l	Y		D	1.5	4.5	5
KAFB-106235-501	GW235-501-204	mg/l	Y	J	JD	1.3	2	2.5
KAFB-106235-501	GW235-501-204	mg/l	Y		D	10	15	20
KAFB-106235-501	GW235-501-204	mg/l	Y			0.04	0.09	0.1
KAFB-106235-501	GW235-501-204	mg/l	Y			8	6	8
KAFB-106235-501	GW235-501-204	mg/l	Y			8	6	8
KAFB-106235-501	GW235-501-204	mg/l	N	U	U	8	6	8
KAFB-106235-501	GW235-501-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106235-501	GW235-501-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106235-501	GW235-501-204	mg/l	Y			0.04	0.075	0.1
KAFB-106235-501	GW235-501-204	mg/l	Y			0.2	0.38	0.5
KAFB-106235-501	GW235-501-204	mg/l	Y			0.24	0.5	1
KAFB-106235-501	GW235-501-204	mg/l	Y			0.096	0.15	0.2
KAFB-106235-501	GW235-501-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106235-501	GW235-501-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106235-501	GW235-501-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.4	0.8	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	3	5	100
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.3	1	20
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.7	2	10
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.5	1	10
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	1.4	2	6
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	1	2	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.3	1	10
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.7	2	20

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	1	2	4
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.3	1	10
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.4	1	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	2	4	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	1	2	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.4	0.8	1
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	1	2	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106235-501	GW235-501-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-436	GW236-436-204	mg/l	Y		D	1.5	4.5	5
KAFB-106236-436	GW236-436-204	mg/l	N	U	U	1.3	2	2.5
KAFB-106236-436	GW236-436-204	mg/l	Y		D	10	15	20
KAFB-106236-436	GW236-436-204	mg/l	Y			0.04	0.09	0.1
KAFB-106236-436	GW236-436-204	mg/l	Y			8	6	8
KAFB-106236-436	GW236-436-204	mg/l	Y			8	6	8
KAFB-106236-436	GW236-436-204	mg/l	N	U	U	8	6	8
KAFB-106236-436	GW236-436-204	mg/l	Y			0.04	0.075	0.1
KAFB-106236-436	GW236-436-204	mg/l	Y			0.2	0.38	0.5
KAFB-106236-436	GW236-436-204	mg/l	Y			0.24	0.5	1
KAFB-106236-436	GW236-436-204	mg/l	Y			0.096	0.15	0.2
KAFB-106236-436	GW236-436-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106236-436	GW236-436-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106236-436	GW236-436-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106236-436	GW236-436-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106236-436	GW236-436-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.4	0.8	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	3	5	100
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.3	1	20
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.7	2	10
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.5	1	10
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	1.4	2	6
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	1	2	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.3	1	10
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.3	1	10
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.7	2	20
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	1	2	4
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.3	1	10
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.4	1	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	2	4	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	1	2	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.4	0.8	1
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	1	2	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-436	GW236-436-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-470	GW236-470-204	mg/l	Y		D	1.5	4.5	5
KAFB-106236-470	GW236-470-204	mg/l	N	U	U	1.3	2	2.5
KAFB-106236-470	GW236-470-204	mg/l	Y		D	10	15	20
KAFB-106236-470	GW236-470-204	mg/l	Y			0.04	0.09	0.1
KAFB-106236-470	GW236-470-204	mg/l	Y			8	6	8
KAFB-106236-470	GW236-470-204	mg/l	Y			8	6	8
KAFB-106236-470	GW236-470-204	mg/l	N	U	U	8	6	8
KAFB-106236-470	GW236-470-204	mg/l	Y			0.04	0.075	0.1
KAFB-106236-470	GW236-470-204	mg/l	Y			0.2	0.38	0.5
KAFB-106236-470	GW236-470-204	mg/l	Y			0.24	0.5	1
KAFB-106236-470	GW236-470-204	mg/l	Y			0.096	0.15	0.2
KAFB-106236-470	GW236-470-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106236-470	GW236-470-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106236-470	GW236-470-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106236-470	GW236-470-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106236-470	GW236-470-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.4	0.8	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	3	5	100
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.3	1	20
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.7	2	10
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.5	1	10
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	1.4	2	6
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	1	2	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.3	1	10
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.7	2	20
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	1	2	4
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.3	1	10
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.4	1	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.4	1	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	2	4	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	1	2	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.4	0.8	1
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	1	2	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-470	GW236-470-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106038	GW038-204	mg/l	Y		D	1.5	4.5	5
KAFB-106038	GW038-204	mg/l	Y		D	1	1.5	2
KAFB-106038	GW038-204	mg/l	N	U	U	1.3	2	2.5
KAFB-106038	GW038-204	mg/l	Y			0.04	0.09	0.1
KAFB-106038	GW038-204	mg/l	Y			8	6	8
KAFB-106038	GW038-204	mg/l	Y			8	6	8
KAFB-106038	GW038-204	mg/l	N	U	U	8	6	8
KAFB-106038	GW038-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106038	GW038-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106038	GW038-204	mg/l	Y			0.04	0.075	0.1
KAFB-106038	GW038-204	mg/l	Y			0.2	0.38	0.5
KAFB-106038	GW038-204	mg/l	Y			0.24	0.5	1
KAFB-106038	GW038-204	mg/l	Y			0.096	0.15	0.2
KAFB-106038	GW038-204	mg/l	Y	J	JJ1	0.000071	0.00025	0.0005
KAFB-106038	GW038-204	mg/l	N	UJ	UJ1	0.00068	0.0016	0.002
KAFB-106038	GW038-204	ug/l	N	U	U	0.0097	0.019	0.029

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.4	0.8	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	3	5	100
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.3	1	20
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.7	2	10
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.5	1	10
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106038	GW038-204	ug/l	Y	J	J1	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	1.4	2	6
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	1	2	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	1	2	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.3	1	10
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.7	2	20
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	1	2	4
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	UJ1	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.3	1	10
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.4	1	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	2	4	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	1	2	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.4	0.8	1
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	1	2	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106038	GW038-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-499	GW236-499-204	mg/l	Y		D	1.5	4.5	5
KAFB-106236-499	GW236-499-204	mg/l	N	U	U	1.3	2	2.5
KAFB-106236-499	GW236-499-204	mg/l	Y		D	10	15	20
KAFB-106236-499	GW236-499-204	mg/l	Y			0.04	0.09	0.1
KAFB-106236-499	GW236-499-204	mg/l	Y			8	6	8
KAFB-106236-499	GW236-499-204	mg/l	Y			8	6	8
KAFB-106236-499	GW236-499-204	mg/l	N	U	U	8	6	8
KAFB-106236-499	GW236-499-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106236-499	GW236-499-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106236-499	GW236-499-204	mg/l	Y			0.04	0.075	0.1
KAFB-106236-499	GW236-499-204	mg/l	Y			0.2	0.38	0.5
KAFB-106236-499	GW236-499-204	mg/l	Y			0.24	0.5	1
KAFB-106236-499	GW236-499-204	mg/l	Y			0.096	0.15	0.2
KAFB-106236-499	GW236-499-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106236-499	GW236-499-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106236-499	GW236-499-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.4	0.8	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	3	5	100
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.3	1	20
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.7	2	10
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.5	1	10
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	1.4	2	6
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	1	2	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.3	1	10
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.7	2	20
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.3	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	1	2	4
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.4	1	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	2	4	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	1	2	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.4	0.8	1
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	1	2	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.3	1	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106236-499	GW236-499-204	ug/l	N	UJ	U	0.2	0.5	5
KAFB-106207	GW207-204	mg/l	Y		D	1.5	4.5	5
KAFB-106207	GW207-204	mg/l	N	U	U	1.3	2	2.5
KAFB-106207	GW207-204	mg/l	Y		D	10	15	20
KAFB-106207	GW207-204	mg/l	Y			0.04	0.09	0.1
KAFB-106207	GW207-204	mg/l	Y			8	6	8
KAFB-106207	GW207-204	mg/l	Y			8	6	8
KAFB-106207	GW207-204	mg/l	N	U	U	8	6	8
KAFB-106207	GW207-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106207	GW207-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106207	GW207-204	mg/l	Y			0.04	0.075	0.1
KAFB-106207	GW207-204	mg/l	Y			0.2	0.38	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106207	GW207-204	mg/l	Y			0.24	0.5	1
KAFB-106207	GW207-204	mg/l	Y			0.096	0.15	0.2
KAFB-106207	GW207-204	mg/l	N	UJ	UJ1	0.000071	0.00025	0.0005
KAFB-106207	GW207-204	mg/l	N	UJ	UJ1	0.00068	0.0016	0.002
KAFB-106207	GW207-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106207	GW207-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	3	5	100
KAFB-106207	GW207-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.3	1	20
KAFB-106207	GW207-204	ug/l	N	U	U	0.7	2	10
KAFB-106207	GW207-204	ug/l	N	U	U	0.5	1	10
KAFB-106207	GW207-204	ug/l	N	U	U	0.3	1	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.3	1	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	1.4	2	6
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	1	2	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.3	1	10
KAFB-106207	GW207-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.7	2	20
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106207	GW207-204	ug/l	N	UJ	UQJ1	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106207	GW207-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106207	GW207-204	ug/l	N	U	U	1	2	4
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.3	1	10
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.4	1	5
KAFB-106207	GW207-204	ug/l	N	UJ	UQ	2	4	5
KAFB-106207	GW207-204	ug/l	N	U	U	1	2	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106207	GW207-204	ug/l	N	U	U	1	2	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.3	1	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.3	1	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106207	GW207-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106039	GW039-204	mg/l	Y	J	JD	1.3	2	2.5
KAFB-106039	GW039-204	mg/l	Y		D	15	45	50
KAFB-106039	GW039-204	mg/l	Y		D	10	15	20
KAFB-106039	GW039-204	mg/l	Y			0.04	0.09	0.1
KAFB-106039	GW039-204	mg/l	Y			8	6	8
KAFB-106039	GW039-204	mg/l	Y			8	6	8
KAFB-106039	GW039-204	mg/l	N	U	U	8	6	8
KAFB-106039	GW039-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106039	GW039-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106039	GW039-204	mg/l	Y		B	0.04	0.075	0.1
KAFB-106039	GW039-204	mg/l	Y			0.2	0.38	0.5
KAFB-106039	GW039-204	mg/l	Y			0.24	0.5	1
KAFB-106039	GW039-204	mg/l	Y		B	0.096	0.15	0.2
KAFB-106039	GW039-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106039	GW039-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106039	GW039-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106039	GW039-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	3	5	100
KAFB-106039	GW039-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.3	1	20
KAFB-106039	GW039-204	ug/l	N	U	U	0.7	2	10
KAFB-106039	GW039-204	ug/l	N	U	U	0.5	1	10
KAFB-106039	GW039-204	ug/l	N	U	U	0.3	1	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106039	GW039-204	ug/l	Y	J	J	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.3	1	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106039	GW039-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	1.4	2	6
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	1	2	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.3	1	10
KAFB-106039	GW039-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	UJ	UQ	0.7	2	20
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	UM	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106039	GW039-204	ug/l	N	U	U	1	2	4
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.3	1	10
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.4	1	5
KAFB-106039	GW039-204	ug/l	N	U	U	2	4	5
KAFB-106039	GW039-204	ug/l	N	U	U	1	2	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106039	GW039-204	ug/l	N	U	U	1	2	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.3	1	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.3	1	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106039	GW039-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-204	mg/l	Y		D	1.5	4.5	5
KAFB-106208	GW208-204	mg/l	Y	J	JD	1.3	2	2.5
KAFB-106208	GW208-204	mg/l	Y		D	10	15	20
KAFB-106208	GW208-204	mg/l	Y			0.04	0.09	0.1
KAFB-106208	GW208-204	mg/l	Y			8	6	8
KAFB-106208	GW208-204	mg/l	Y			8	6	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106208	GW208-204	mg/l	N	U	U	8	6	8
KAFB-106208	GW208-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106208	GW208-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106208	GW208-204	mg/l	Y			0.04	0.075	0.1
KAFB-106208	GW208-204	mg/l	Y			0.2	0.38	0.5
KAFB-106208	GW208-204	mg/l	Y			0.24	0.5	1
KAFB-106208	GW208-204	mg/l	Y			0.096	0.15	0.2
KAFB-106208	GW208-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106208	GW208-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106208	GW208-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106208	GW208-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	3	5	100
KAFB-106208	GW208-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.3	1	20
KAFB-106208	GW208-204	ug/l	N	U	U	0.7	2	10
KAFB-106208	GW208-204	ug/l	N	U	U	0.5	1	10
KAFB-106208	GW208-204	ug/l	N	U	U	0.3	1	5
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	1	2	5
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-204	ug/l	N	U	U	0.3	1	10
KAFB-106208	GW208-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	UJ	UQ	0.7	2	20
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.3	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-204	ug/l	N	U	U	1	2	4
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.3	1	10
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.4	1	5
KAFB-106208	GW208-204	ug/l	N	U	U	2	4	5
KAFB-106208	GW208-204	ug/l	N	U	U	1	2	5
KAFB-106208	GW208-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-204	ug/l	N	U	U	1	2	5
KAFB-106208	GW208-204	ug/l	N	U	U	0.3	1	5
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-204	ug/l	N	U	U	0.3	1	5
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-604	mg/l	Y		D	1.5	4.5	5
KAFB-106208	GW208-604	mg/l	Y	J	JD	1.3	2	2.5
KAFB-106208	GW208-604	mg/l	Y		D	10	15	20
KAFB-106208	GW208-604	mg/l	Y			0.04	0.09	0.1
KAFB-106208	GW208-604	mg/l	Y			8	6	8
KAFB-106208	GW208-604	mg/l	Y			8	6	8
KAFB-106208	GW208-604	mg/l	N	U	U	8	6	8
KAFB-106208	GW208-604	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106208	GW208-604	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106208	GW208-604	mg/l	Y			0.04	0.075	0.1
KAFB-106208	GW208-604	mg/l	Y			0.2	0.38	0.5
KAFB-106208	GW208-604	mg/l	Y			0.24	0.5	1
KAFB-106208	GW208-604	mg/l	Y			0.096	0.15	0.2
KAFB-106208	GW208-604	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106208	GW208-604	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106208	GW208-604	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106208	GW208-604	ug/l	N	U	U	0.4	0.8	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	3	5	100
KAFB-106208	GW208-604	ug/l	N	U	U	0.3	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.3	1	20
KAFB-106208	GW208-604	ug/l	N	U	U	0.7	2	10
KAFB-106208	GW208-604	ug/l	N	U	U	0.5	1	10
KAFB-106208	GW208-604	ug/l	N	U	U	0.3	1	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.3	1	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	1.4	2	6
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	1	2	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.3	1	10
KAFB-106208	GW208-604	ug/l	N	U	U	0.3	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	UJ	UQ	0.7	2	20
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.3	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.3	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-604	ug/l	N	U	U	1	2	4
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.3	1	10
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.4	1	5
KAFB-106208	GW208-604	ug/l	N	U	U	2	4	5
KAFB-106208	GW208-604	ug/l	N	U	U	1	2	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.4	0.8	1
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-604	ug/l	N	U	U	1	2	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.3	1	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.3	1	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	5
KAFB-106208	GW208-604	ug/l	N	U	U	0.2	0.5	5
KAFB-106209	GW209-204	mg/l	Y		D	1.5	4.5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106209	GW209-204	mg/l	Y		D	1	1.5	2
KAFB-106209	GW209-204	mg/l	N	U	U	1.3	2	2.5
KAFB-106209	GW209-204	mg/l	Y	J	J	0.04	0.09	0.1
KAFB-106209	GW209-204	mg/l	Y			8	6	8
KAFB-106209	GW209-204	mg/l	Y			8	6	8
KAFB-106209	GW209-204	mg/l	N	U	U	8	6	8
KAFB-106209	GW209-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106209	GW209-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106209	GW209-204	mg/l	Y			0.04	0.075	0.1
KAFB-106209	GW209-204	mg/l	Y			0.2	0.38	0.5
KAFB-106209	GW209-204	mg/l	Y			0.24	0.5	1
KAFB-106209	GW209-204	mg/l	Y			0.096	0.15	0.2
KAFB-106209	GW209-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106209	GW209-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106209	GW209-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106209	GW209-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	3	5	100
KAFB-106209	GW209-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.3	1	20
KAFB-106209	GW209-204	ug/l	N	U	U	0.7	2	10
KAFB-106209	GW209-204	ug/l	N	U	U	0.5	1	10
KAFB-106209	GW209-204	ug/l	N	U	U	0.3	1	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.3	1	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	1.4	2	6
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	1	2	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.3	1	10
KAFB-106209	GW209-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	UJ	UQ	0.7	2	20
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106209	GW209-204	ug/l	N	U	U	1	2	4
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.3	1	10
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.4	1	5
KAFB-106209	GW209-204	ug/l	N	U	U	2	4	5
KAFB-106209	GW209-204	ug/l	N	U	U	1	2	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106209	GW209-204	ug/l	N	U	U	1	2	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.3	1	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.3	1	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106209	GW209-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106083	GW083-204	mg/l	Y		D	1.5	4.5	5
KAFB-106083	GW083-204	mg/l	Y		D	1	1.5	2
KAFB-106083	GW083-204	mg/l	N	U	U	1.3	2	2.5
KAFB-106083	GW083-204	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106083	GW083-204	mg/l	Y			8	6	8
KAFB-106083	GW083-204	mg/l	Y			8	6	8
KAFB-106083	GW083-204	mg/l	N	U	U	8	6	8
KAFB-106083	GW083-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106083	GW083-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106083	GW083-204	mg/l	Y			0.04	0.075	0.1
KAFB-106083	GW083-204	mg/l	Y			0.2	0.38	0.5
KAFB-106083	GW083-204	mg/l	Y			0.24	0.5	1
KAFB-106083	GW083-204	mg/l	Y			0.096	0.15	0.2
KAFB-106083	GW083-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106083	GW083-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106083	GW083-204	ug/l	Y	J	J	0.0097	0.019	0.029
KAFB-106083	GW083-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	3	5	100

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106083	GW083-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.3	1	20
KAFB-106083	GW083-204	ug/l	N	U	U	0.7	2	10
KAFB-106083	GW083-204	ug/l	N	U	U	0.5	1	10
KAFB-106083	GW083-204	ug/l	N	U	U	0.3	1	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106083	GW083-204	ug/l	Y			0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.3	1	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	1.4	2	6
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	1	2	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.3	1	10
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106083	GW083-204	ug/l	N	UJ	UQ	0.7	2	20
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106083	GW083-204	ug/l	N	U	U	1	2	4
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.3	1	10
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.4	1	5
KAFB-106083	GW083-204	ug/l	N	U	U	2	4	5
KAFB-106083	GW083-204	ug/l	N	U	U	1	2	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106083	GW083-204	ug/l	N	U	U	1	2	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.3	1	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.3	1	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106083	GW083-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106231	GW231-204	mg/l	Y		D	1.5	4.5	5
KAFB-106231	GW231-204	mg/l	Y	J	JD	1.3	2	2.5
KAFB-106231	GW231-204	mg/l	Y		D	10	15	20
KAFB-106231	GW231-204	mg/l	Y			0.04	0.09	0.1
KAFB-106231	GW231-204	mg/l	Y			8	6	8
KAFB-106231	GW231-204	mg/l	Y			8	6	8
KAFB-106231	GW231-204	mg/l	N	U	U	8	6	8
KAFB-106231	GW231-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106231	GW231-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106231	GW231-204	mg/l	Y			0.04	0.075	0.1
KAFB-106231	GW231-204	mg/l	Y			0.2	0.38	0.5
KAFB-106231	GW231-204	mg/l	Y			0.24	0.5	1
KAFB-106231	GW231-204	mg/l	Y			0.096	0.15	0.2
KAFB-106231	GW231-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106231	GW231-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106231	GW231-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106231	GW231-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.3	1	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	1.4	2	6
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	1	2	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.3	1	10
KAFB-106231	GW231-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	UJ	UQ	0.7	2	20

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106231	GW231-204	ug/l	N	U	U	1	2	4
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.3	1	10
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.4	1	5
KAFB-106231	GW231-204	ug/l	N	U	U	2	4	5
KAFB-106231	GW231-204	ug/l	N	U	U	1	2	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106231	GW231-204	ug/l	N	U	U	1	2	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.3	1	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106231	GW231-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106232	GW232-204	mg/l	Y		D	1.5	4.5	5
KAFB-106232	GW232-204	mg/l	Y	J	JD	1.3	2	2.5
KAFB-106232	GW232-204	mg/l	Y		D	10	15	20
KAFB-106232	GW232-204	mg/l	Y			0.04	0.09	0.1
KAFB-106232	GW232-204	mg/l	Y			8	6	8
KAFB-106232	GW232-204	mg/l	Y			8	6	8
KAFB-106232	GW232-204	mg/l	N	U	U	8	6	8
KAFB-106232	GW232-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106232	GW232-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106232	GW232-204	mg/l	Y			0.04	0.075	0.1
KAFB-106232	GW232-204	mg/l	Y			0.2	0.38	0.5
KAFB-106232	GW232-204	mg/l	Y			0.24	0.5	1
KAFB-106232	GW232-204	mg/l	Y			0.096	0.15	0.2
KAFB-106232	GW232-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106232	GW232-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106232	GW232-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106232	GW232-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	3	5	100
KAFB-106232	GW232-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.3	1	20
KAFB-106232	GW232-204	ug/l	N	U	U	0.7	2	10
KAFB-106232	GW232-204	ug/l	N	U	U	0.5	1	10
KAFB-106232	GW232-204	ug/l	N	U	U	0.3	1	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.3	1	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	1.4	2	6
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	1	2	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.3	1	10
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106232	GW232-204	ug/l	N	U	U	1	2	4
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.3	1	10
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.4	1	5
KAFB-106232	GW232-204	ug/l	N	U	U	2	4	5
KAFB-106232	GW232-204	ug/l	N	U	U	1	2	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106232	GW232-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106232	GW232-204	ug/l	N	U	U	1	2	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.3	1	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.3	1	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106232	GW232-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106242-418	GW242-418-204	mg/l	Y		D	1.3	2	2.5
KAFB-106242-418	GW242-418-204	mg/l	Y		D	15	45	50
KAFB-106242-418	GW242-418-204	mg/l	Y		D	10	15	20
KAFB-106242-418	GW242-418-204	mg/l	Y			0.2	0.45	0.5
KAFB-106242-418	GW242-418-204	mg/l	Y			8	6	8
KAFB-106242-418	GW242-418-204	mg/l	Y			8	6	8
KAFB-106242-418	GW242-418-204	mg/l	N	U	U	8	6	8
KAFB-106242-418	GW242-418-204	mg/l	Y		B	0.04	0.075	0.1
KAFB-106242-418	GW242-418-204	mg/l	Y			0.2	0.38	0.5
KAFB-106242-418	GW242-418-204	mg/l	Y			0.24	0.5	1
KAFB-106242-418	GW242-418-204	mg/l	Y		B	0.096	0.15	0.2
KAFB-106242-418	GW242-418-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106242-418	GW242-418-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106242-418	GW242-418-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106242-418	GW242-418-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	3	5	100
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.3	1	20
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.7	2	10
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.5	1	10
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.3	1	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.3	1	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	1.4	2	6
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	1	2	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.3	1	10
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	UJ	UQ	0.7	2	20
KAFB-106242-418	GW242-418-204	ug/l	Y	J	J	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	1	2	4
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.3	1	10
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.4	1	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.4	1	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	2	4	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	1	2	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	1	2	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.3	1	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.3	1	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106242-418	GW242-418-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106021	GW021-204	mg/l	Y		D	1.5	4.5	5
KAFB-106021	GW021-204	mg/l	Y		D	1	1.5	2
KAFB-106021	GW021-204	mg/l	N	U	U	1.3	2	2.5
KAFB-106021	GW021-204	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106021	GW021-204	mg/l	Y			8	6	8
KAFB-106021	GW021-204	mg/l	Y			8	6	8
KAFB-106021	GW021-204	mg/l	N	U	U	8	6	8
KAFB-106021	GW021-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106021	GW021-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106021	GW021-204	mg/l	Y			0.04	0.075	0.1
KAFB-106021	GW021-204	mg/l	Y			0.24	0.5	1
KAFB-106021	GW021-204	mg/l	Y			0.096	0.15	0.2
KAFB-106021	GW021-204	mg/l	Y			0.2	0.38	0.5
KAFB-106021	GW021-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106021	GW021-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106021	GW021-204	ug/l	N	U	U	0.0096	0.019	0.029

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106021	GW021-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	3	5	100
KAFB-106021	GW021-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.3	1	20
KAFB-106021	GW021-204	ug/l	N	U	U	0.7	2	10
KAFB-106021	GW021-204	ug/l	N	U	U	0.5	1	10
KAFB-106021	GW021-204	ug/l	N	U	U	0.3	1	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.3	1	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	1.4	2	6
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	1	2	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	1	2	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.3	1	10
KAFB-106021	GW021-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	UJ	UQ	0.7	2	20
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106021	GW021-204	ug/l	N	U	U	1	2	4
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.3	1	10
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.4	1	5
KAFB-106021	GW021-204	ug/l	N	U	U	2	4	5
KAFB-106021	GW021-204	ug/l	N	U	U	1	2	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106021	GW021-204	ug/l	N	U	U	1	2	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.3	1	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.3	1	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106021	GW021-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106082	GW082-204	mg/l	Y		D	1.5	4.5	5
KAFB-106082	GW082-204	mg/l	Y	J	JD	1.3	2	2.5
KAFB-106082	GW082-204	mg/l	Y		D	10	15	20
KAFB-106082	GW082-204	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106082	GW082-204	mg/l	Y	J	J1	8	6	8
KAFB-106082	GW082-204	mg/l	Y			8	6	8
KAFB-106082	GW082-204	mg/l	N	U	U	8	6	8
KAFB-106082	GW082-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106082	GW082-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106082	GW082-204	mg/l	Y	J	J1	0.04	0.075	0.1
KAFB-106082	GW082-204	mg/l	Y	J	J1	0.2	0.38	0.5
KAFB-106082	GW082-204	mg/l	Y	J	J1	0.24	0.5	1
KAFB-106082	GW082-204	mg/l	Y	J	J1	0.096	0.15	0.2
KAFB-106082	GW082-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106082	GW082-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106082	GW082-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106082	GW082-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	3	5	100
KAFB-106082	GW082-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.3	1	20
KAFB-106082	GW082-204	ug/l	N	U	U	0.7	2	10
KAFB-106082	GW082-204	ug/l	N	U	U	0.5	1	10
KAFB-106082	GW082-204	ug/l	N	U	U	0.3	1	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106082	GW082-204	ug/l	Y	J	J	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.3	1	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	1.4	2	6
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	1	2	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.3	1	10
KAFB-106082	GW082-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	Y	J	JQ	0.7	2	20
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106082	GW082-204	ug/l	N	U	U	1	2	4
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.4	1	5
KAFB-106082	GW082-204	ug/l	N	U	U	2	4	5
KAFB-106082	GW082-204	ug/l	N	U	U	1	2	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106082	GW082-204	ug/l	N	U	U	1	2	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.3	1	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.3	1	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106082	GW082-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106031	GW031-204	mg/l	Y	J	JD	1.3	2	2.5
KAFB-106031	GW031-204	mg/l	Y		D	15	45	50
KAFB-106031	GW031-204	mg/l	Y		D	10	15	20
KAFB-106031	GW031-204	mg/l	Y			0.08	0.18	0.2
KAFB-106031	GW031-204	mg/l	Y			8	6	8
KAFB-106031	GW031-204	mg/l	Y			8	6	8
KAFB-106031	GW031-204	mg/l	N	U	U	8	6	8
KAFB-106031	GW031-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106031	GW031-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106031	GW031-204	mg/l	Y			0.04	0.075	0.1
KAFB-106031	GW031-204	mg/l	Y			0.2	0.38	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106031	GW031-204	mg/l	Y			0.24	0.5	1
KAFB-106031	GW031-204	mg/l	Y			0.096	0.15	0.2
KAFB-106031	GW031-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106031	GW031-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106031	GW031-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106031	GW031-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	3	5	100
KAFB-106031	GW031-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.3	1	20
KAFB-106031	GW031-204	ug/l	N	U	U	0.7	2	10
KAFB-106031	GW031-204	ug/l	N	U	U	0.5	1	10
KAFB-106031	GW031-204	ug/l	N	U	U	0.3	1	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.3	1	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	1.4	2	6
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	1	2	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.3	1	10
KAFB-106031	GW031-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	UJ	UQ	0.7	2	20
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106031	GW031-204	ug/l	N	U	U	1	2	4
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	UJ	UQ	0.2	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.3	1	10
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.4	1	5
KAFB-106031	GW031-204	ug/l	N	U	U	2	4	5
KAFB-106031	GW031-204	ug/l	N	U	U	1	2	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106031	GW031-204	ug/l	N	U	U	1	2	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.3	1	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.3	1	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106031	GW031-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106030	GW030-204	mg/l	Y		D	1.5	4.5	5
KAFB-106030	GW030-204	mg/l	Y	J	JD	1.3	2	2.5
KAFB-106030	GW030-204	mg/l	Y		D	10	15	20
KAFB-106030	GW030-204	mg/l	Y			0.08	0.18	0.2
KAFB-106030	GW030-204	mg/l	Y			8	6	8
KAFB-106030	GW030-204	mg/l	Y			8	6	8
KAFB-106030	GW030-204	mg/l	N	U	U	8	6	8
KAFB-106030	GW030-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106030	GW030-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106030	GW030-204	mg/l	Y		B	0.04	0.075	0.1
KAFB-106030	GW030-204	mg/l	Y			0.2	0.38	0.5
KAFB-106030	GW030-204	mg/l	Y			0.24	0.5	1
KAFB-106030	GW030-204	mg/l	Y		B	0.096	0.15	0.2
KAFB-106030	GW030-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106030	GW030-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106030	GW030-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106030	GW030-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	3	5	100
KAFB-106030	GW030-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.3	1	20
KAFB-106030	GW030-204	ug/l	N	U	U	0.7	2	10
KAFB-106030	GW030-204	ug/l	N	U	U	0.5	1	10
KAFB-106030	GW030-204	ug/l	N	U	U	0.3	1	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106030	GW030-204	ug/l	N	UJ	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.3	1	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106030	GW030-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	1.4	2	6
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	1	2	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.3	1	10
KAFB-106030	GW030-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	UJ	UQ	0.7	2	20
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106030	GW030-204	ug/l	N	U	U	1	2	4
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.3	1	10
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.4	1	5
KAFB-106030	GW030-204	ug/l	N	U	U	2	4	5
KAFB-106030	GW030-204	ug/l	N	U	U	1	2	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106030	GW030-204	ug/l	N	U	U	1	2	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.3	1	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.3	1	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106030	GW030-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106029	GW029-204	mg/l	Y	J	JD	1.3	2	2.5
KAFB-106029	GW029-204	mg/l	Y		D	15	45	50
KAFB-106029	GW029-204	mg/l	Y		D	10	15	20
KAFB-106029	GW029-204	mg/l	Y			0.08	0.18	0.2
KAFB-106029	GW029-204	mg/l	Y			8	6	8
KAFB-106029	GW029-204	mg/l	Y			8	6	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106029	GW029-204	mg/l	N	U	U	8	6	8
KAFB-106029	GW029-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106029	GW029-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106029	GW029-204	mg/l	Y			0.04	0.075	0.1
KAFB-106029	GW029-204	mg/l	Y			0.2	0.38	0.5
KAFB-106029	GW029-204	mg/l	Y			0.24	0.5	1
KAFB-106029	GW029-204	mg/l	Y			0.096	0.15	0.2
KAFB-106029	GW029-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106029	GW029-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106029	GW029-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106029	GW029-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	3	5	100
KAFB-106029	GW029-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.3	1	20
KAFB-106029	GW029-204	ug/l	N	U	U	0.7	2	10
KAFB-106029	GW029-204	ug/l	N	U	U	0.5	1	10
KAFB-106029	GW029-204	ug/l	N	U	U	0.3	1	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	1	2	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.3	1	10
KAFB-106029	GW029-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	UJ	UQ	0.7	2	20
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.3	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106029	GW029-204	ug/l	N	U	U	1	2	4
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.3	1	10
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.4	1	5
KAFB-106029	GW029-204	ug/l	N	U	U	2	4	5
KAFB-106029	GW029-204	ug/l	N	U	U	1	2	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106029	GW029-204	ug/l	N	U	U	1	2	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.3	1	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.3	1	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106029	GW029-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106084	GW084-204	mg/l	Y		D	1.5	4.5	5
KAFB-106084	GW084-204	mg/l	Y		D	1.0	1.5	2
KAFB-106084	GW084-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106084	GW084-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106084	GW084-204	mg/l	Y			8.0	6.0	8
KAFB-106084	GW084-204	mg/l	Y			8.0	6.0	8
KAFB-106084	GW084-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106084	GW084-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106084	GW084-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106084	GW084-204	mg/l	Y			0.040	0.075	0.1
KAFB-106084	GW084-204	mg/l	Y			0.20	0.38	0.5
KAFB-106084	GW084-204	mg/l	Y			0.24	0.50	1
KAFB-106084	GW084-204	mg/l	Y			0.096	0.15	0.2
KAFB-106084	GW084-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106084	GW084-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106084	GW084-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106084	GW084-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106084	GW084-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106084	GW084-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106084	GW084-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106084	GW084-204	ug/l	N	U	U	0.30	1.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106084	GW084-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106084	GW084-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106084	GW084-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106084	GW084-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106084	GW084-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106084	GW084-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106084	GW084-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106084	GW084-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106084	GW084-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106084	GW084-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106084	GW084-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106084	GW084-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106084	GW084-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106084	GW084-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106205	GW205-204	mg/l	Y		D	1.5	4.5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106205	GW205-204	mg/l	Y	J	JD	1.3	2	2.5
KAFB-106205	GW205-204	mg/l	Y		D	10	15	20
KAFB-106205	GW205-204	mg/l	Y			0.04	0.09	0.1
KAFB-106205	GW205-204	mg/l	Y			8	6	8
KAFB-106205	GW205-204	mg/l	Y			8	6	8
KAFB-106205	GW205-204	mg/l	N	U	U	8	6	8
KAFB-106205	GW205-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106205	GW205-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106205	GW205-204	mg/l	Y			0.04	0.075	0.1
KAFB-106205	GW205-204	mg/l	Y			0.2	0.38	0.5
KAFB-106205	GW205-204	mg/l	Y			0.24	0.5	1
KAFB-106205	GW205-204	mg/l	Y			0.096	0.15	0.2
KAFB-106205	GW205-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106205	GW205-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106205	GW205-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106205	GW205-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	3	5	100
KAFB-106205	GW205-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.3	1	20
KAFB-106205	GW205-204	ug/l	N	U	U	0.7	2	10
KAFB-106205	GW205-204	ug/l	N	U	U	0.5	1	10
KAFB-106205	GW205-204	ug/l	N	U	U	0.3	1	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.3	1	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	1.4	2	6
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	1	2	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.3	1	10
KAFB-106205	GW205-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	UJ	UQ	0.7	2	20
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106205	GW205-204	ug/l	N	U	U	1	2	4
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.3	1	10
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.4	1	5
KAFB-106205	GW205-204	ug/l	N	U	U	2	4	5
KAFB-106205	GW205-204	ug/l	N	U	U	1	2	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106205	GW205-204	ug/l	N	U	U	1	2	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.3	1	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.3	1	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106205	GW205-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106204	GW204-204	mg/l	Y	J	JD	1.3	2	2.5
KAFB-106204	GW204-204	mg/l	Y		D	15	45	50
KAFB-106204	GW204-204	mg/l	Y		D	10	15	20
KAFB-106204	GW204-204	mg/l	Y			0.08	0.18	0.2
KAFB-106204	GW204-204	mg/l	Y			8	6	8
KAFB-106204	GW204-204	mg/l	Y			8	6	8
KAFB-106204	GW204-204	mg/l	N	U	U	8	6	8
KAFB-106204	GW204-204	mg/l	N	U	U	0.041	0.1	0.21
KAFB-106204	GW204-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106204	GW204-204	mg/l	Y			0.04	0.075	0.1
KAFB-106204	GW204-204	mg/l	Y			0.2	0.38	0.5
KAFB-106204	GW204-204	mg/l	Y			0.24	0.5	1
KAFB-106204	GW204-204	mg/l	Y			0.096	0.15	0.2
KAFB-106204	GW204-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106204	GW204-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106204	GW204-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106204	GW204-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	3	5	100

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106204	GW204-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.3	1	20
KAFB-106204	GW204-204	ug/l	N	U	U	0.7	2	10
KAFB-106204	GW204-204	ug/l	N	U	U	0.5	1	10
KAFB-106204	GW204-204	ug/l	N	U	U	0.3	1	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.3	1	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	1.4	2	6
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	1	2	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.3	1	10
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.7	2	20
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.3	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106204	GW204-204	ug/l	N	U	U	1	2	4
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	UJ	UQ	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.3	1	10
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.4	1	5
KAFB-106204	GW204-204	ug/l	N	U	U	2	4	5
KAFB-106204	GW204-204	ug/l	N	U	U	1	2	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.4	0.8	1
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106204	GW204-204	ug/l	N	U	U	1	2	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.3	1	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.3	1	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106204	GW204-204	ug/l	N	U	U	0.2	0.5	5
KAFB-106201	GW201-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106201	GW201-204	mg/l	Y		D	15	45	50
KAFB-106201	GW201-204	mg/l	Y		D	10	15	20
KAFB-106201	GW201-204	mg/l	Y			0.040	0.090	0.1
KAFB-106201	GW201-204	mg/l	Y			8.0	6.0	8
KAFB-106201	GW201-204	mg/l	Y			8.0	6.0	8
KAFB-106201	GW201-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106201	GW201-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106201	GW201-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106201	GW201-204	mg/l	Y			0.040	0.075	0.1
KAFB-106201	GW201-204	mg/l	Y			0.20	0.38	0.5
KAFB-106201	GW201-204	mg/l	Y			0.24	0.50	1
KAFB-106201	GW201-204	mg/l	Y			0.096	0.15	0.2
KAFB-106201	GW201-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106201	GW201-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106201	GW201-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106201	GW201-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106201	GW201-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106201	GW201-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	Y	J	J	0.70	2.0	20

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106201	GW201-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106201	GW201-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106201	GW201-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106201	GW201-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106201	GW201-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106201	GW201-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106201	GW201-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106201	GW201-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106201	GW201-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106201	GW201-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106202	GW202-204	mg/l	Y		D	1.5	4.5	5
KAFB-106202	GW202-204	mg/l	Y		D	1.0	1.5	2
KAFB-106202	GW202-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106202	GW202-204	mg/l	Y			0.040	0.090	0.1
KAFB-106202	GW202-204	mg/l	Y			8.0	6.0	8
KAFB-106202	GW202-204	mg/l	Y			8.0	6.0	8
KAFB-106202	GW202-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106202	GW202-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106202	GW202-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106202	GW202-204	mg/l	Y			0.040	0.075	0.1
KAFB-106202	GW202-204	mg/l	Y			0.20	0.38	0.5
KAFB-106202	GW202-204	mg/l	Y			0.24	0.50	1
KAFB-106202	GW202-204	mg/l	Y			0.096	0.15	0.2
KAFB-106202	GW202-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106202	GW202-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106202	GW202-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106202	GW202-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106202	GW202-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106202	GW202-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106202	GW202-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106202	GW202-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106202	GW202-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	Y	J	J	0.70	2.0	20
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106202	GW202-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106202	GW202-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106202	GW202-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106202	GW202-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106202	GW202-204	ug/l	N	U	U	1.0	2.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106202	GW202-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106202	GW202-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106202	GW202-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106202	GW202-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106202	GW202-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106203	GW203-204	mg/l	Y		D	1.5	4.5	5
KAFB-106203	GW203-204	mg/l	Y		D	1.0	1.5	2
KAFB-106203	GW203-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106203	GW203-204	mg/l	Y	J	JJ1	0.040	0.090	0.1
KAFB-106203	GW203-204	mg/l	Y			8.0	6.0	8
KAFB-106203	GW203-204	mg/l	Y			8.0	6.0	8
KAFB-106203	GW203-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106203	GW203-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106203	GW203-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106203	GW203-204	mg/l	Y			0.040	0.075	0.1
KAFB-106203	GW203-204	mg/l	Y			0.20	0.38	0.5
KAFB-106203	GW203-204	mg/l	Y			0.24	0.50	1
KAFB-106203	GW203-204	mg/l	Y			0.096	0.15	0.2
KAFB-106203	GW203-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106203	GW203-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106203	GW203-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106203	GW203-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106203	GW203-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106203	GW203-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106203	GW203-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106203	GW203-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106203	GW203-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106203	GW203-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106203	GW203-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106203	GW203-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106203	GW203-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106203	GW203-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106203	GW203-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106203	GW203-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106040	GW040-204	mg/l	Y		D	1.5	4.5	5
KAFB-106040	GW040-204	mg/l	Y		D	1.0	1.5	2
KAFB-106040	GW040-204	mg/l	N	U	UQ	13	20	25
KAFB-106040	GW040-204	mg/l	Y			0.040	0.090	0.1
KAFB-106040	GW040-204	mg/l	Y			8.0	6.0	8
KAFB-106040	GW040-204	mg/l	Y			8.0	6.0	8
KAFB-106040	GW040-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106040	GW040-204	mg/l	Y			0.040	0.075	0.1
KAFB-106040	GW040-204	mg/l	Y			0.20	0.38	0.5
KAFB-106040	GW040-204	mg/l	Y			0.24	0.50	1
KAFB-106040	GW040-204	mg/l	Y			0.096	0.15	0.2
KAFB-106040	GW040-204	mg/l	Y	J	J	0.041	0.10	0.21
KAFB-106040	GW040-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106040	GW040-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106040	GW040-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106040	GW040-204	ug/l	N	U	U	0.0096	0.019	0.029

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106040	GW040-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106040	GW040-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106040	GW040-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106040	GW040-204	ug/l	N	U	UQ	0.50	1.0	10
KAFB-106040	GW040-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106040	GW040-204	ug/l	Y			0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	UQ	0.30	1.0	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106040	GW040-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106040	GW040-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106040	GW040-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106040	GW040-204	ug/l	N	U	UQ	2.0	4.0	5
KAFB-106040	GW040-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106040	GW040-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106040	GW040-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106219	GW219-204	mg/l	Y		D	1.5	4.5	5
KAFB-106219	GW219-204	mg/l	Y		D	1.0	1.5	2
KAFB-106219	GW219-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106219	GW219-204	mg/l	Y			0.040	0.090	0.1
KAFB-106219	GW219-204	mg/l	Y			8.0	6.0	8
KAFB-106219	GW219-204	mg/l	Y			8.0	6.0	8
KAFB-106219	GW219-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106219	GW219-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106219	GW219-204	mg/l	Y	J	J	0.0031	0.0052	0.01
KAFB-106219	GW219-204	mg/l	Y			0.040	0.075	0.1
KAFB-106219	GW219-204	mg/l	Y			0.20	0.38	0.5
KAFB-106219	GW219-204	mg/l	Y			0.24	0.50	1
KAFB-106219	GW219-204	mg/l	Y			0.096	0.15	0.2
KAFB-106219	GW219-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106219	GW219-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106219	GW219-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106219	GW219-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106219	GW219-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106219	GW219-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106219	GW219-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106219	GW219-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106219	GW219-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106219	GW219-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106219	GW219-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106219	GW219-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106219	GW219-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106219	GW219-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106219	GW219-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106219	GW219-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106220	GW220-204	mg/l	Y		D	1.5	4.5	5
KAFB-106220	GW220-204	mg/l	Y	J	J1D	1.0	1.5	2
KAFB-106220	GW220-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106220	GW220-204	mg/l	Y			0.040	0.090	0.1
KAFB-106220	GW220-204	mg/l	Y			8.0	6.0	8
KAFB-106220	GW220-204	mg/l	Y			8.0	6.0	8
KAFB-106220	GW220-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106220	GW220-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106220	GW220-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106220	GW220-204	mg/l	Y			0.040	0.075	0.1
KAFB-106220	GW220-204	mg/l	Y			0.20	0.38	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106220	GW220-204	mg/l	Y			0.24	0.50	1
KAFB-106220	GW220-204	mg/l	Y			0.096	0.15	0.2
KAFB-106220	GW220-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106220	GW220-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106220	GW220-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106220	GW220-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106220	GW220-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106220	GW220-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106220	GW220-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106220	GW220-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106220	GW220-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106220	GW220-204	ug/l	N	UJ	UQM	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106220	GW220-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106220	GW220-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106220	GW220-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106220	GW220-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106220	GW220-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106220	GW220-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106221	GW221-204	mg/l	Y		D	1.5	4.5	5
KAFB-106221	GW221-204	mg/l	Y		D	1.0	1.5	2
KAFB-106221	GW221-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106221	GW221-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106221	GW221-204	mg/l	Y			8.0	6.0	8
KAFB-106221	GW221-204	mg/l	Y			8.0	6.0	8
KAFB-106221	GW221-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106221	GW221-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106221	GW221-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106221	GW221-204	mg/l	Y			0.040	0.075	0.1
KAFB-106221	GW221-204	mg/l	Y			0.20	0.38	0.5
KAFB-106221	GW221-204	mg/l	Y			0.24	0.50	1
KAFB-106221	GW221-204	mg/l	Y			0.096	0.15	0.2
KAFB-106221	GW221-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106221	GW221-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106221	GW221-204	ug/l	N	U	U	0.0095	0.019	0.028
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.40	0.80	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	3.0	5.0	100
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.30	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.30	1.0	20
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.70	2.0	10
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.50	1.0	10
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.30	1.0	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.30	1.0	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	1.4	2.0	6
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	1.0	2.0	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.30	1.0	10
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.30	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.70	2.0	20
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.30	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.30	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106221	GW221-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.30	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	1.0	2.0	4
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	1.0	2.0	4
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.30	1.0	10
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.40	1.0	5
KAFB-106221	GW221-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	1.0	2.0	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.40	0.80	1
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	1.0	2.0	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.30	1.0	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.30	1.0	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106221	GW221-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106096	GW096-204	mg/l	Y		D	1.5	4.5	5
KAFB-106096	GW096-204	mg/l	Y		D	1.0	1.5	2
KAFB-106096	GW096-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106096	GW096-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106096	GW096-204	mg/l	Y			8.0	6.0	8
KAFB-106096	GW096-204	mg/l	Y			8.0	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106096	GW096-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106096	GW096-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106096	GW096-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106096	GW096-204	mg/l	Y			0.040	0.075	0.1
KAFB-106096	GW096-204	mg/l	Y			0.20	0.38	0.5
KAFB-106096	GW096-204	mg/l	Y			0.24	0.50	1
KAFB-106096	GW096-204	mg/l	Y			0.096	0.15	0.2
KAFB-106096	GW096-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106096	GW096-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106096	GW096-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106096	GW096-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106096	GW096-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106096	GW096-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106096	GW096-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106096	GW096-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106096	GW096-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106096	GW096-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.30	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106096	GW096-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106096	GW096-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106096	GW096-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106096	GW096-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-604	mg/l	Y		D	1.5	4.5	5
KAFB-106096	GW096-604	mg/l	Y		D	1.0	1.5	2
KAFB-106096	GW096-604	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106096	GW096-604	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106096	GW096-604	mg/l	Y			8.0	6.0	8
KAFB-106096	GW096-604	mg/l	Y			8.0	6.0	8
KAFB-106096	GW096-604	mg/l	N	U	U	8.0	6.0	8
KAFB-106096	GW096-604	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106096	GW096-604	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106096	GW096-604	mg/l	Y			0.040	0.075	0.1
KAFB-106096	GW096-604	mg/l	Y			0.20	0.38	0.5
KAFB-106096	GW096-604	mg/l	Y			0.24	0.50	1
KAFB-106096	GW096-604	mg/l	Y			0.096	0.15	0.2
KAFB-106096	GW096-604	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106096	GW096-604	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106096	GW096-604	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106096	GW096-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	3.0	5.0	100
KAFB-106096	GW096-604	ug/l	N	U	UM	0.30	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.30	1.0	20
KAFB-106096	GW096-604	ug/l	N	U	U	0.70	2.0	10
KAFB-106096	GW096-604	ug/l	N	U	U	0.50	1.0	10
KAFB-106096	GW096-604	ug/l	N	U	U	0.30	1.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-604	ug/l	Y	J	J	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	1.4	2.0	6
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-604	ug/l	N	U	U	0.30	1.0	10
KAFB-106096	GW096-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.70	2.0	20
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106096	GW096-604	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-604	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-604	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-604	ug/l	N	U	U	1.0	2.0	4
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.30	1.0	10
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.40	1.0	5
KAFB-106096	GW096-604	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106096	GW096-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106096	GW096-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106096	GW096-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106096	GW096-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106218	GW218-204	mg/l	Y		D	1.5	4.5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106218	GW218-204	mg/l	Y		D	1.0	1.5	2
KAFB-106218	GW218-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106218	GW218-204	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106218	GW218-204	mg/l	Y			8.0	6.0	8
KAFB-106218	GW218-204	mg/l	Y			8.0	6.0	8
KAFB-106218	GW218-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106218	GW218-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106218	GW218-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106218	GW218-204	mg/l	Y		B	0.040	0.075	0.1
KAFB-106218	GW218-204	mg/l	Y			0.20	0.38	0.5
KAFB-106218	GW218-204	mg/l	Y			0.24	0.50	1
KAFB-106218	GW218-204	mg/l	Y		B	0.096	0.15	0.2
KAFB-106218	GW218-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106218	GW218-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106218	GW218-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106218	GW218-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106218	GW218-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106218	GW218-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106218	GW218-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106218	GW218-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106218	GW218-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106218	GW218-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106218	GW218-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106218	GW218-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106218	GW218-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106218	GW218-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106217	GW217-204	mg/l	Y		D	1.5	4.5	5
KAFB-106217	GW217-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106217	GW217-204	mg/l	Y		D	10	15	20
KAFB-106217	GW217-204	mg/l	Y			0.040	0.090	0.1
KAFB-106217	GW217-204	mg/l	Y			8.0	6.0	8
KAFB-106217	GW217-204	mg/l	Y			8.0	6.0	8
KAFB-106217	GW217-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106217	GW217-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106217	GW217-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106217	GW217-204	mg/l	Y			0.040	0.075	0.1
KAFB-106217	GW217-204	mg/l	Y			0.20	0.38	0.5
KAFB-106217	GW217-204	mg/l	Y			0.24	0.50	1
KAFB-106217	GW217-204	mg/l	Y			0.096	0.15	0.2
KAFB-106217	GW217-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106217	GW217-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106217	GW217-204	ug/l	N	U	U	0.0098	0.020	0.029
KAFB-106217	GW217-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	3.0	5.0	100

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106217	GW217-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106217	GW217-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106217	GW217-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106217	GW217-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106217	GW217-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106217	GW217-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106217	GW217-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106217	GW217-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106217	GW217-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.30	1.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106217	GW217-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106216	GW216-204	mg/l	Y		D	1.5	4.5	5
KAFB-106216	GW216-204	mg/l	Y		D	1.0	1.5	2
KAFB-106216	GW216-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106216	GW216-204	mg/l	Y			0.040	0.090	0.1
KAFB-106216	GW216-204	mg/l	Y	J	J1	8.0	6.0	8
KAFB-106216	GW216-204	mg/l	Y			8.0	6.0	8
KAFB-106216	GW216-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106216	GW216-204	mg/l	N	U	UJ1	0.041	0.10	0.21
KAFB-106216	GW216-204	mg/l	N	U	UQJ1	0.0031	0.0052	0.01
KAFB-106216	GW216-204	mg/l	Y			0.040	0.075	0.1
KAFB-106216	GW216-204	mg/l	Y			0.20	0.38	0.5
KAFB-106216	GW216-204	mg/l	Y			0.24	0.50	1
KAFB-106216	GW216-204	mg/l	Y			0.096	0.15	0.2
KAFB-106216	GW216-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106216	GW216-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106216	GW216-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106216	GW216-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106216	GW216-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106216	GW216-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106216	GW216-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106216	GW216-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106216	GW216-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	J	0.70	20	20

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106216	GW216-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106216	GW216-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106216	GW216-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106216	GW216-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106216	GW216-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106216	GW216-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106216	GW216-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106095	GW095-204	mg/l	Y		D	1.5	4.5	5
KAFB-106095	GW095-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106095	GW095-204	mg/l	Y		D	10	15	20
KAFB-106095	GW095-204	mg/l	Y			0.040	0.090	0.1
KAFB-106095	GW095-204	mg/l	Y			8.0	6.0	8
KAFB-106095	GW095-204	mg/l	Y			8.0	6.0	8
KAFB-106095	GW095-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106095	GW095-204	mg/l	N	U	UJ1	0.041	0.10	0.21
KAFB-106095	GW095-204	mg/l	Y	J	J1	0.0031	0.0052	0.01
KAFB-106095	GW095-204	mg/l	Y			0.040	0.075	0.1
KAFB-106095	GW095-204	mg/l	Y			0.20	0.38	0.5
KAFB-106095	GW095-204	mg/l	Y			0.24	0.50	1
KAFB-106095	GW095-204	mg/l	Y			0.096	0.15	0.2
KAFB-106095	GW095-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106095	GW095-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106095	GW095-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106095	GW095-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106095	GW095-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106095	GW095-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106095	GW095-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106095	GW095-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106095	GW095-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106095	GW095-204	ug/l	Y	J	JQ	0.70	2.0	20
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106095	GW095-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106095	GW095-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106095	GW095-204	ug/l	N	U	U	1.0	2.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106095	GW095-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106095	GW095-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106095	GW095-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106095	GW095-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106095	GW095-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106225	GW225-204	mg/l	Y		D	15	45	50
KAFB-106225	GW225-204	mg/l	Y		D	10	15	20
KAFB-106225	GW225-204	mg/l	Y			0.040	0.090	0.1
KAFB-106225	GW225-204	mg/l	Y			8.0	6.0	8
KAFB-106225	GW225-204	mg/l	Y			8.0	6.0	8
KAFB-106225	GW225-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106225	GW225-204	mg/l	Y	J	J1	0.040	0.075	0.1
KAFB-106225	GW225-204	mg/l	Y			0.20	0.38	0.5
KAFB-106225	GW225-204	mg/l	Y	J	J1	0.24	0.50	1
KAFB-106225	GW225-204	mg/l	Y	J	J1	0.096	0.15	0.2
KAFB-106225	GW225-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106225	GW225-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106225	GW225-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106225	GW225-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106225	GW225-204	ug/l	Y	J	JM	0.0096	0.019	0.029
KAFB-106225	GW225-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106225	GW225-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106225	GW225-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106225	GW225-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106225	GW225-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106225	GW225-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106225	GW225-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106225	GW225-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106225	GW225-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-604	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106225	GW225-604	mg/l	Y		D	15	45	50
KAFB-106225	GW225-604	mg/l	Y		D	10	15	20
KAFB-106225	GW225-604	mg/l	Y			0.040	0.090	0.1
KAFB-106225	GW225-604	mg/l	Y			8.0	6.0	8
KAFB-106225	GW225-604	mg/l	Y			8.0	6.0	8
KAFB-106225	GW225-604	mg/l	N	U	U	8.0	6.0	8
KAFB-106225	GW225-604	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106225	GW225-604	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106225	GW225-604	mg/l	Y			0.040	0.075	0.1
KAFB-106225	GW225-604	mg/l	Y			0.20	0.38	0.5
KAFB-106225	GW225-604	mg/l	Y			0.24	0.50	1
KAFB-106225	GW225-604	mg/l	Y			0.096	0.15	0.2
KAFB-106225	GW225-604	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106225	GW225-604	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106225	GW225-604	ug/l	Y	J	JM	0.0098	0.020	0.029

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106225	GW225-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	3.0	5.0	100
KAFB-106225	GW225-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.30	1.0	20
KAFB-106225	GW225-604	ug/l	N	U	U	0.70	2.0	10
KAFB-106225	GW225-604	ug/l	N	U	U	0.50	1.0	10
KAFB-106225	GW225-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	1.4	2.0	6
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.30	1.0	10
KAFB-106225	GW225-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.70	2.0	20
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106225	GW225-604	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-604	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-604	ug/l	N	U	U	1.0	2.0	4
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.30	1.0	10
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.40	1.0	5
KAFB-106225	GW225-604	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106225	GW225-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106225	GW225-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106226	GW226-204	mg/l	Y		D	1.5	4.5	5
KAFB-106226	GW226-204	mg/l	Y		D	1.0	1.5	2
KAFB-106226	GW226-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106226	GW226-204	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106226	GW226-204	mg/l	Y			8.0	6.0	8
KAFB-106226	GW226-204	mg/l	Y			8.0	6.0	8
KAFB-106226	GW226-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106226	GW226-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106226	GW226-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106226	GW226-204	mg/l	Y		B	0.040	0.075	0.1
KAFB-106226	GW226-204	mg/l	Y			0.20	0.38	0.5
KAFB-106226	GW226-204	mg/l	Y			0.24	0.50	1
KAFB-106226	GW226-204	mg/l	Y		B	0.096	0.15	0.2
KAFB-106226	GW226-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106226	GW226-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106226	GW226-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106226	GW226-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106226	GW226-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106226	GW226-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106226	GW226-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106226	GW226-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106226	GW226-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106226	GW226-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106226	GW226-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106226	GW226-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106226	GW226-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106226	GW226-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106227	GW227-204	mg/l	Y		D	1.5	4.5	5
KAFB-106227	GW227-204	mg/l	Y		D	1.0	1.5	2
KAFB-106227	GW227-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106227	GW227-204	mg/l	Y			0.040	0.090	0.1
KAFB-106227	GW227-204	mg/l	Y			8.0	6.0	8
KAFB-106227	GW227-204	mg/l	Y			8.0	6.0	8
KAFB-106227	GW227-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106227	GW227-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106227	GW227-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106227	GW227-204	mg/l	Y			0.040	0.075	0.1
KAFB-106227	GW227-204	mg/l	Y			0.20	0.38	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106227	GW227-204	mg/l	Y			0.24	0.50	1
KAFB-106227	GW227-204	mg/l	Y			0.096	0.15	0.2
KAFB-106227	GW227-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106227	GW227-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106227	GW227-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106227	GW227-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106227	GW227-204	ug/l	N	U	UM	0.30	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106227	GW227-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106227	GW227-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106227	GW227-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106227	GW227-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106227	GW227-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106227	GW227-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106227	GW227-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106227	GW227-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106227	GW227-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106227	GW227-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106227	GW227-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106227	GW227-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106032	GW032-204	mg/l	Y		D	15	45	50
KAFB-106032	GW032-204	mg/l	Y		D	10	15	20
KAFB-106032	GW032-204	mg/l	N	U	UQ	13	20	25
KAFB-106032	GW032-204	mg/l	Y			0.040	0.090	0.1
KAFB-106032	GW032-204	mg/l	Y			8.0	6.0	8
KAFB-106032	GW032-204	mg/l	Y			8.0	6.0	8
KAFB-106032	GW032-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106032	GW032-204	mg/l	Y			0.040	0.075	0.1
KAFB-106032	GW032-204	mg/l	Y			0.20	0.38	0.5
KAFB-106032	GW032-204	mg/l	Y			0.040	0.075	0.1
KAFB-106032	GW032-204	mg/l	Y			0.20	0.38	0.5
KAFB-106032	GW032-204	mg/l	Y			0.24	0.50	1
KAFB-106032	GW032-204	mg/l	Y			0.096	0.15	0.2
KAFB-106032	GW032-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106032	GW032-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106032	GW032-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106032	GW032-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106032	GW032-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106032	GW032-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106032	GW032-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106032	GW032-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106032	GW032-204	ug/l	N	U	UQ	0.50	1.0	10
KAFB-106032	GW032-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	UQ	0.30	1.0	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106032	GW032-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106032	GW032-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106032	GW032-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106032	GW032-204	ug/l	N	U	UQ	2.0	4.0	5
KAFB-106032	GW032-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106032	GW032-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106032	GW032-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106033	GW033-204	mg/l	N	UJ	UQ	1.3	2.0	2.5
KAFB-106033	GW033-204	mg/l	Y		D	15	45	50
KAFB-106033	GW033-204	mg/l	Y		D	10	15	20
KAFB-106033	GW033-204	mg/l	Y			0.040	0.090	0.1
KAFB-106033	GW033-204	mg/l	Y	J	J1	8.0	6.0	8
KAFB-106033	GW033-204	mg/l	Y			8.0	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106033	GW033-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106033	GW033-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106033	GW033-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106033	GW033-204	mg/l	Y			0.040	0.075	0.1
KAFB-106033	GW033-204	mg/l	Y			0.20	0.38	0.5
KAFB-106033	GW033-204	mg/l	Y			0.24	0.50	1
KAFB-106033	GW033-204	mg/l	Y			0.096	0.15	0.2
KAFB-106033	GW033-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106033	GW033-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106033	GW033-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106033	GW033-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106033	GW033-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106033	GW033-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106033	GW033-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106033	GW033-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106033	GW033-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	UJ	UQ	0.70	2.0	20
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.30	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106033	GW033-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106033	GW033-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106033	GW033-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106033	GW033-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106033	GW033-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106034	GW034-204	mg/l	Y		D	1.5	4.5	5
KAFB-106034	GW034-204	mg/l	Y		D	10	15	20
KAFB-106034	GW034-204	mg/l	N	U	UQ	13	20	25
KAFB-106034	GW034-204	mg/l	Y			0.040	0.090	0.1
KAFB-106034	GW034-204	mg/l	N	U	UQ	13	20	25
KAFB-106034	GW034-204	mg/l	Y			0.040	0.090	0.1
KAFB-106034	GW034-204	mg/l	Y			8.0	6.0	8
KAFB-106034	GW034-204	mg/l	Y			8.0	6.0	8
KAFB-106034	GW034-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106034	GW034-204	mg/l	Y			0.040	0.075	0.1
KAFB-106034	GW034-204	mg/l	Y			0.20	0.38	0.5
KAFB-106034	GW034-204	mg/l	Y			0.24	0.50	1
KAFB-106034	GW034-204	mg/l	Y			0.096	0.15	0.2
KAFB-106034	GW034-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106034	GW034-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106034	GW034-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106034	GW034-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106034	GW034-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106034	GW034-204	ug/l	N	U	UM	0.40	0.80	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106034	GW034-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106034	GW034-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106034	GW034-204	ug/l	N	U	UQ	0.50	1.0	10
KAFB-106034	GW034-204	ug/l	N	U	U	0.30	1.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	UQ	0.30	1.0	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106034	GW034-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106034	GW034-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	Y	J	J	0.70	2.0	20
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106034	GW034-204	ug/l	N	U	UQ	2.0	4.0	5
KAFB-106034	GW034-204	ug/l	N	U	UM	1.0	2.0	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106034	GW034-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106034	GW034-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106019	GW019-204	mg/l	Y		D	15	45	50

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106019	GW019-204	mg/l	Y		D	10	15	20
KAFB-106019	GW019-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106019	GW019-204	mg/l	Y	J	J1	0.040	0.090	0.1
KAFB-106019	GW019-204	mg/l	Y			8.0	6.0	8
KAFB-106019	GW019-204	mg/l	Y			8.0	6.0	8
KAFB-106019	GW019-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106019	GW019-204	mg/l	Y			0.041	0.10	0.21
KAFB-106019	GW019-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106019	GW019-204	mg/l	Y			0.040	0.075	0.1
KAFB-106019	GW019-204	mg/l	Y			0.20	0.38	0.5
KAFB-106019	GW019-204	mg/l	Y			0.24	0.50	1
KAFB-106019	GW019-204	mg/l	Y			0.096	0.15	0.2
KAFB-106019	GW019-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106019	GW019-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106019	GW019-204	ug/l	Y	J	JM	0.0097	0.019	0.029
KAFB-106019	GW019-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106019	GW019-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106019	GW019-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106019	GW019-204	ug/l	N	U	UQM	0.50	1.0	10
KAFB-106019	GW019-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106019	GW019-204	ug/l	Y			0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	UQ	0.30	1.0	5
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106019	GW019-204	ug/l	N	U	UQM	0.30	1.0	10
KAFB-106019	GW019-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	Y	J	J	0.70	2.0	20
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106019	GW019-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106019	GW019-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106019	GW019-204	ug/l	N	U	UQ	2.0	4.0	5
KAFB-106019	GW019-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106019	GW019-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106019	GW019-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106019	GW019-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106019	GW019-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106019	GW019-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106041	GW041-204	mg/l	Y		D	15	45	50
KAFB-106041	GW041-204	mg/l	Y		D	10	15	20
KAFB-106041	GW041-204	mg/l	N	U	UQ	13	20	25
KAFB-106041	GW041-204	mg/l	Y			0.040	0.090	0.1
KAFB-106041	GW041-204	mg/l	Y			8.0	6.0	8
KAFB-106041	GW041-204	mg/l	Y			8.0	6.0	8
KAFB-106041	GW041-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106041	GW041-204	mg/l	Y			0.040	0.075	0.1
KAFB-106041	GW041-204	mg/l	Y			0.20	0.38	0.5
KAFB-106041	GW041-204	mg/l	Y			0.24	0.50	1
KAFB-106041	GW041-204	mg/l	Y			0.096	0.15	0.2
KAFB-106041	GW041-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106041	GW041-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106041	GW041-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106041	GW041-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106041	GW041-204	ug/l	Y			0.0096	0.019	0.029
KAFB-106041	GW041-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	3.0	5.0	100

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106041	GW041-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106041	GW041-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106041	GW041-204	ug/l	N	U	UQ	0.50	1.0	10
KAFB-106041	GW041-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	UQ	0.30	1.0	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106041	GW041-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106041	GW041-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	Y	J	J	0.70	2.0	20
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106041	GW041-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106041	GW041-204	ug/l	N	U	UQ	2.0	4.0	5
KAFB-106041	GW041-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106041	GW041-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.30	1.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106041	GW041-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	mg/l	Y		D	15	45	50
KAFB-106042	GW042-204	mg/l	Y		D	10	15	20
KAFB-106042	GW042-204	mg/l	N	U	UQ	13	20	25
KAFB-106042	GW042-204	mg/l	Y			0.040	0.090	0.1
KAFB-106042	GW042-204	mg/l	Y			8.0	6.0	8
KAFB-106042	GW042-204	mg/l	Y			8.0	6.0	8
KAFB-106042	GW042-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106042	GW042-204	mg/l	Y			0.040	0.075	0.1
KAFB-106042	GW042-204	mg/l	Y			0.20	0.38	0.5
KAFB-106042	GW042-204	mg/l	Y			0.24	0.50	1
KAFB-106042	GW042-204	mg/l	Y			0.096	0.15	0.2
KAFB-106042	GW042-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106042	GW042-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106042	GW042-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106042	GW042-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106042	GW042-204	ug/l	Y			0.0095	0.019	0.028
KAFB-106042	GW042-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106042	GW042-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106042	GW042-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106042	GW042-204	ug/l	N	U	UQ	0.50	1.0	10
KAFB-106042	GW042-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	UQ	0.30	1.0	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106042	GW042-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.70	2.0	20

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106042	GW042-204	ug/l	N	U	UQ	2.0	4.0	5
KAFB-106042	GW042-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106042	GW042-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-204	mg/l	Y		D	1.5	4.5	5
KAFB-106106	GW106-204	mg/l	Y		D	10	15	20
KAFB-106106	GW106-204	mg/l	N	U	UQ	13	20	25
KAFB-106106	GW106-204	mg/l	Y			0.040	0.090	0.1
KAFB-106106	GW106-204	mg/l	Y			8.0	6.0	8
KAFB-106106	GW106-204	mg/l	Y			8.0	6.0	8
KAFB-106106	GW106-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106106	GW106-204	mg/l	Y			0.040	0.075	0.1
KAFB-106106	GW106-204	mg/l	Y			0.20	0.38	0.5
KAFB-106106	GW106-204	mg/l	Y			0.24	0.50	1
KAFB-106106	GW106-204	mg/l	Y			0.096	0.15	0.2
KAFB-106106	GW106-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106106	GW106-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106106	GW106-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106106	GW106-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106106	GW106-204	ug/l	Y	J	J	0.0095	0.019	0.029
KAFB-106106	GW106-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106106	GW106-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106106	GW106-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106106	GW106-204	ug/l	N	U	UQ	0.50	1.0	10
KAFB-106106	GW106-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	UQ	0.30	1.0	5
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106106	GW106-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106106	GW106-204	ug/l	N	U	UQ	2.0	4.0	5
KAFB-106106	GW106-204	ug/l	N	U	U	1.0	2.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106106	GW106-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106106	GW106-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-604	mg/l	Y		D	1.5	4.5	5
KAFB-106106	GW106-604	mg/l	N	U	UQ	1.3	2.0	2.5
KAFB-106106	GW106-604	mg/l	Y		D	10	15	20
KAFB-106106	GW106-604	mg/l	Y			0.040	0.090	0.1
KAFB-106106	GW106-604	mg/l	Y			8.0	6.0	8
KAFB-106106	GW106-604	mg/l	Y			8.0	6.0	8
KAFB-106106	GW106-604	mg/l	N	U	U	8.0	6.0	8
KAFB-106106	GW106-604	mg/l	Y			0.040	0.075	0.1
KAFB-106106	GW106-604	mg/l	Y			0.20	0.38	0.5
KAFB-106106	GW106-604	mg/l	Y			0.24	0.50	1
KAFB-106106	GW106-604	mg/l	Y			0.096	0.15	0.2
KAFB-106106	GW106-604	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106106	GW106-604	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106106	GW106-604	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106106	GW106-604	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106106	GW106-604	ug/l	Y			0.0096	0.019	0.029
KAFB-106106	GW106-604	ug/l	N	U	UM	0.40	0.80	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	3.0	5.0	100
KAFB-106106	GW106-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.30	1.0	20
KAFB-106106	GW106-604	ug/l	N	U	U	0.70	2.0	10
KAFB-106106	GW106-604	ug/l	N	U	UQ	0.50	1.0	10
KAFB-106106	GW106-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-604	ug/l	N	U	UM	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	UQ	0.30	1.0	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	1.4	2.0	6
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-604	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106106	GW106-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.70	2.0	20
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-604	ug/l	N	U	U	1.0	2.0	4
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.40	1.0	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.40	1.0	5
KAFB-106106	GW106-604	ug/l	N	U	UQ	2.0	4.0	5
KAFB-106106	GW106-604	ug/l	N	U	UM	1.0	2.0	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106106	GW106-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106058	GW058-204	mg/l	Y		D	1.5	4.5	5
KAFB-106058	GW058-204	mg/l	Y		D	1.0	1.5	2
KAFB-106058	GW058-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106058	GW058-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106058	GW058-204	mg/l	Y			8.0	6.0	8
KAFB-106058	GW058-204	mg/l	Y			8.0	6.0	8
KAFB-106058	GW058-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106058	GW058-204	mg/l	Y			0.040	0.075	0.1
KAFB-106058	GW058-204	mg/l	Y			0.20	0.38	0.5
KAFB-106058	GW058-204	mg/l	Y			0.24	0.50	1
KAFB-106058	GW058-204	mg/l	Y			0.096	0.15	0.2
KAFB-106058	GW058-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106058	GW058-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106058	GW058-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106058	GW058-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106058	GW058-204	ug/l	N	U	U	0.0096	0.019	0.029

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106058	GW058-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106058	GW058-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106058	GW058-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106058	GW058-204	ug/l	N	U	UQ	0.50	1.0	10
KAFB-106058	GW058-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	UQ	0.30	1.0	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106058	GW058-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106058	GW058-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106058	GW058-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106058	GW058-204	ug/l	N	U	UQ	2.0	4.0	5
KAFB-106058	GW058-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106058	GW058-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106058	GW058-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106045	GW045-204	mg/l	Y		D	1.5	4.5	5
KAFB-106045	GW045-204	mg/l	Y		D	1.0	1.5	2
KAFB-106045	GW045-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106045	GW045-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106045	GW045-204	mg/l	Y			8.0	6.0	8
KAFB-106045	GW045-204	mg/l	Y			8.0	6.0	8
KAFB-106045	GW045-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106045	GW045-204	mg/l	Y			0.040	0.075	0.1
KAFB-106045	GW045-204	mg/l	Y			0.20	0.38	0.5
KAFB-106045	GW045-204	mg/l	Y			0.24	0.50	1
KAFB-106045	GW045-204	mg/l	Y			0.096	0.15	0.2
KAFB-106045	GW045-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106045	GW045-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106045	GW045-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106045	GW045-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106045	GW045-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106045	GW045-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106045	GW045-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106045	GW045-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106045	GW045-204	ug/l	N	U	UQ	0.50	1.0	10
KAFB-106045	GW045-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106045	GW045-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	UQ	0.30	1.0	5
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106045	GW045-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106045	GW045-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106045	GW045-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106045	GW045-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106045	GW045-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106045	GW045-204	ug/l	N	U	UQ	2.0	4.0	5
KAFB-106045	GW045-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106045	GW045-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106045	GW045-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106045	GW045-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106045	GW045-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106045	GW045-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106055	GW055-204	mg/l	Y		D	1.5	4.5	5
KAFB-106055	GW055-204	mg/l	Y		D	10	15	20
KAFB-106055	GW055-204	mg/l	N	U	UQ	13	20	25
KAFB-106055	GW055-204	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106055	GW055-204	mg/l	Y			8.0	6.0	8
KAFB-106055	GW055-204	mg/l	Y			8.0	6.0	8
KAFB-106055	GW055-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106055	GW055-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106055	GW055-204	mg/l	Y	J	J	0.0031	0.0052	0.01
KAFB-106055	GW055-204	mg/l	Y			0.040	0.075	0.1
KAFB-106055	GW055-204	mg/l	Y			0.20	0.38	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106055	GW055-204	mg/l	Y			0.24	0.50	1
KAFB-106055	GW055-204	mg/l	Y			0.096	0.15	0.2
KAFB-106055	GW055-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106055	GW055-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106055	GW055-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106055	GW055-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106055	GW055-204	ug/l	Y	J	J	0.30	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106055	GW055-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106055	GW055-204	ug/l	N	U	UQM	0.50	1.0	10
KAFB-106055	GW055-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	UQ	0.30	1.0	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106055	GW055-204	ug/l	N	U	UQM	0.30	1.0	10
KAFB-106055	GW055-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	Y	J	J	0.70	2.0	20
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106055	GW055-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106055	GW055-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106055	GW055-204	ug/l	N	U	UQ	2.0	4.0	5
KAFB-106055	GW055-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106055	GW055-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106055	GW055-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106057	GW057-204	mg/l	Y		D	1.5	4.5	5
KAFB-106057	GW057-204	mg/l	Y	J	J1D	1.0	1.5	2
KAFB-106057	GW057-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106057	GW057-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106057	GW057-204	mg/l	Y			8.0	6.0	8
KAFB-106057	GW057-204	mg/l	Y			8.0	6.0	8
KAFB-106057	GW057-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106057	GW057-204	mg/l	Y			0.040	0.075	0.1
KAFB-106057	GW057-204	mg/l	Y			0.20	0.38	0.5
KAFB-106057	GW057-204	mg/l	Y			0.24	0.50	1
KAFB-106057	GW057-204	mg/l	Y			0.096	0.15	0.2
KAFB-106057	GW057-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106057	GW057-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106057	GW057-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106057	GW057-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106057	GW057-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106057	GW057-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106057	GW057-204	ug/l	Y	J	J	0.30	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106057	GW057-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106057	GW057-204	ug/l	N	U	UQM	0.50	1.0	10
KAFB-106057	GW057-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	UQ	0.30	1.0	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106057	GW057-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106057	GW057-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	Y	J	J	0.70	2.0	20
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106057	GW057-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106057	GW057-204	ug/l	N	U	UQ	2.0	4.0	5
KAFB-106057	GW057-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106057	GW057-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106057	GW057-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106093	GW093-204	mg/l	Y		D	1.5	4.5	5
KAFB-106093	GW093-204	mg/l	N	U	UQ	1.3	2.0	2.5
KAFB-106093	GW093-204	mg/l	Y		D	10	15	20
KAFB-106093	GW093-204	mg/l	Y			0.040	0.090	0.1
KAFB-106093	GW093-204	mg/l	Y			8.0	6.0	8
KAFB-106093	GW093-204	mg/l	Y			8.0	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106093	GW093-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106093	GW093-204	mg/l	Y			0.040	0.075	0.1
KAFB-106093	GW093-204	mg/l	Y			0.20	0.38	0.5
KAFB-106093	GW093-204	mg/l	Y			0.24	0.50	1
KAFB-106093	GW093-204	mg/l	Y			0.096	0.15	0.2
KAFB-106093	GW093-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106093	GW093-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106093	GW093-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106093	GW093-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106093	GW093-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106093	GW093-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106093	GW093-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106093	GW093-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106093	GW093-204	ug/l	N	U	UQ	0.50	1.0	10
KAFB-106093	GW093-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106093	GW093-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106093	GW093-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.30	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106093	GW093-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	UQ	0.30	1.0	10
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106093	GW093-204	ug/l	N	U	UQ	2.0	4.0	5
KAFB-106093	GW093-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106093	GW093-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106093	GW093-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106092	GW092-204	mg/l	Y		D	15	45	50
KAFB-106092	GW092-204	mg/l	Y		D	10	15	20
KAFB-106092	GW092-204	mg/l	N	UJ	UQ	13	20	25
KAFB-106092	GW092-204	mg/l	Y			0.040	0.090	0.1
KAFB-106092	GW092-204	mg/l	N	UJ	UQ	13	20	25
KAFB-106092	GW092-204	mg/l	Y			0.040	0.090	0.1
KAFB-106092	GW092-204	mg/l	Y			8.0	6.0	8
KAFB-106092	GW092-204	mg/l	Y			8.0	6.0	8
KAFB-106092	GW092-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106092	GW092-204	mg/l	Y			0.040	0.075	0.1
KAFB-106092	GW092-204	mg/l	Y			0.24	0.50	1
KAFB-106092	GW092-204	mg/l	Y			0.096	0.15	0.2
KAFB-106092	GW092-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106092	GW092-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106092	GW092-204	mg/l	Y			0.20	0.38	0.5
KAFB-106092	GW092-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106092	GW092-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106092	GW092-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106092	GW092-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106092	GW092-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106092	GW092-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106092	GW092-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106092	GW092-204	ug/l	N	U	U	0.30	1.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106092	GW092-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106092	GW092-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106092	GW092-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106092	GW092-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106092	GW092-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106092	GW092-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106092	GW092-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106092	GW092-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106092	GW092-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-204	mg/l	Y		D	1.5	4.5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106037	GW037-204	mg/l	Y		D	1.0	1.5	2
KAFB-106037	GW037-204	mg/l	N	UJ	UQ	1.3	2.0	2.5
KAFB-106037	GW037-204	mg/l	Y	U		0.040	0.090	0.1
KAFB-106037	GW037-204	mg/l	Y			8.0	6.0	8
KAFB-106037	GW037-204	mg/l	Y			8.0	6.0	8
KAFB-106037	GW037-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106037	GW037-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106037	GW037-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106037	GW037-204	mg/l	Y			0.040	0.075	0.1
KAFB-106037	GW037-204	mg/l	Y			0.20	0.38	0.5
KAFB-106037	GW037-204	mg/l	Y			0.24	0.50	1
KAFB-106037	GW037-204	mg/l	Y			0.096	0.15	0.2
KAFB-106037	GW037-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106037	GW037-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106037	GW037-204	ug/l	Y	J		0.0096	0.019	0.029
KAFB-106037	GW037-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106037	GW037-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106037	GW037-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106037	GW037-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106037	GW037-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106037	GW037-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106037	GW037-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	UJ	UQ	0.70	2.0	20
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106037	GW037-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106037	GW037-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-604	mg/l	Y		D	1.5	4.5	5
KAFB-106037	GW037-604	mg/l	Y		D	1.0	1.5	2
KAFB-106037	GW037-604	mg/l	N	UJ	UQ	1.3	2.0	2.5
KAFB-106037	GW037-604	mg/l	Y			0.040	0.090	0.1
KAFB-106037	GW037-604	mg/l	Y			8.0	6.0	8
KAFB-106037	GW037-604	mg/l	Y			8.0	6.0	8
KAFB-106037	GW037-604	mg/l	N	U	U	8.0	6.0	8
KAFB-106037	GW037-604	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106037	GW037-604	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106037	GW037-604	mg/l	Y			0.040	0.075	0.1
KAFB-106037	GW037-604	mg/l	Y			0.20	0.38	0.5
KAFB-106037	GW037-604	mg/l	Y			0.24	0.50	1
KAFB-106037	GW037-604	mg/l	Y			0.096	0.15	0.2
KAFB-106037	GW037-604	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106037	GW037-604	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106037	GW037-604	ug/l	Y	J		0.0098	0.020	0.029
KAFB-106037	GW037-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	3.0	5.0	100

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106037	GW037-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.30	1.0	20
KAFB-106037	GW037-604	ug/l	N	U	U	0.70	2.0	10
KAFB-106037	GW037-604	ug/l	N	U	U	0.50	1.0	10
KAFB-106037	GW037-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	UJ	UJ1Q	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	1.4	2.0	6
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.30	1.0	10
KAFB-106037	GW037-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	UJ	UQ	0.70	2.0	20
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-604	ug/l	N	U	U	1.0	2.0	4
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.40	1.0	5
KAFB-106037	GW037-604	ug/l	N	U	U	2.0	4.0	5
KAFB-106037	GW037-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.30	1.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106037	GW037-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106035	GW035-204	mg/l	Y		D	1.5	4.5	5
KAFB-106035	GW035-204	mg/l	Y		D	1.0	1.5	2
KAFB-106035	GW035-204	mg/l	N	UJ	UQ	1.3	2.0	2.5
KAFB-106035	GW035-204	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106035	GW035-204	mg/l	Y			8.0	6.0	8
KAFB-106035	GW035-204	mg/l	Y			8.0	6.0	8
KAFB-106035	GW035-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106035	GW035-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106035	GW035-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106035	GW035-204	mg/l	Y			0.040	0.075	0.1
KAFB-106035	GW035-204	mg/l	Y			0.20	0.38	0.5
KAFB-106035	GW035-204	mg/l	Y			0.24	0.50	1
KAFB-106035	GW035-204	mg/l	Y			0.096	0.15	0.2
KAFB-106035	GW035-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106035	GW035-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106035	GW035-204	ug/l	Y			0.0095	0.019	0.029
KAFB-106035	GW035-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106035	GW035-204	ug/l	Y	J	J	0.30	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106035	GW035-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106035	GW035-204	ug/l	N	U	UM	0.50	1.0	10
KAFB-106035	GW035-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106035	GW035-204	ug/l	N	U	UM	0.30	1.0	10
KAFB-106035	GW035-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	Y	J	J	0.70	2.0	20

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106035	GW035-204	ug/l	N	U	UQ	1.0	2.0	4
KAFB-106035	GW035-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106035	GW035-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106035	GW035-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106035	GW035-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106035	GW035-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106035	GW035-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106091	GW091-204	mg/l	Y		D	15	45	50
KAFB-106091	GW091-204	mg/l	Y		D	10	15	20
KAFB-106091	GW091-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106091	GW091-204	mg/l	Y	J	J1	0.040	0.090	0.1
KAFB-106091	GW091-204	mg/l	Y			8.0	6.0	8
KAFB-106091	GW091-204	mg/l	Y			8.0	6.0	8
KAFB-106091	GW091-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106091	GW091-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106091	GW091-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106091	GW091-204	mg/l	Y			0.040	0.075	0.1
KAFB-106091	GW091-204	mg/l	Y			0.20	0.38	0.5
KAFB-106091	GW091-204	mg/l	Y			0.24	0.50	1
KAFB-106091	GW091-204	mg/l	Y			0.096	0.15	0.2
KAFB-106091	GW091-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106091	GW091-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106091	GW091-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106091	GW091-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106091	GW091-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106091	GW091-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106091	GW091-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106091	GW091-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106091	GW091-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	UJ	UQ	0.70	2.0	20
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106091	GW091-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106091	GW091-204	ug/l	N	U	U	1.0	2.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106091	GW091-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106091	GW091-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-604	mg/l	Y		D	15	45	50
KAFB-106091	GW091-604	mg/l	Y		D	10	15	20
KAFB-106091	GW091-604	mg/l	N	UJ	UQ	13	20	25
KAFB-106091	GW091-604	mg/l	Y			0.040	0.090	0.1
KAFB-106091	GW091-604	mg/l	Y			8.0	6.0	8
KAFB-106091	GW091-604	mg/l	Y			8.0	6.0	8
KAFB-106091	GW091-604	mg/l	N	U	U	8.0	6.0	8
KAFB-106091	GW091-604	mg/l	Y			0.040	0.075	0.1
KAFB-106091	GW091-604	mg/l	Y			0.24	0.50	1
KAFB-106091	GW091-604	mg/l	Y			0.096	0.15	0.2
KAFB-106091	GW091-604	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106091	GW091-604	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106091	GW091-604	mg/l	Y			0.20	0.38	0.5
KAFB-106091	GW091-604	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106091	GW091-604	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106091	GW091-604	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106091	GW091-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	3.0	5.0	100
KAFB-106091	GW091-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.30	1.0	20
KAFB-106091	GW091-604	ug/l	N	U	U	0.70	2.0	10
KAFB-106091	GW091-604	ug/l	N	U	U	0.50	1.0	10
KAFB-106091	GW091-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	1.4	2.0	6
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.30	1.0	10
KAFB-106091	GW091-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.70	2.0	20
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106091	GW091-604	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-604	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-604	ug/l	N	U	U	1.0	2.0	4
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.30	1.0	10
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.40	1.0	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.40	1.0	5
KAFB-106091	GW091-604	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106091	GW091-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106091	GW091-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106229	GW229-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106022	GW022-204	mg/l	Y		D	1.5	4.5	5
KAFB-106022	GW022-204	mg/l	Y		D	10	15	20
KAFB-106022	GW022-204	mg/l	N	U	UQ	13	20	25
KAFB-106022	GW022-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106022	GW022-204	mg/l	Y			8.0	6.0	8
KAFB-106022	GW022-204	mg/l	Y			8.0	6.0	8
KAFB-106022	GW022-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106022	GW022-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106022	GW022-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106022	GW022-204	mg/l	Y			0.040	0.075	0.1
KAFB-106022	GW022-204	mg/l	Y			0.20	0.38	0.5
KAFB-106022	GW022-204	mg/l	Y			0.24	0.50	1
KAFB-106022	GW022-204	mg/l	Y			0.096	0.15	0.2
KAFB-106022	GW022-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106022	GW022-204	mg/l	Y	J	J	0.00068	0.0016	0.002

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106022	GW022-204	ug/l	Y	J	JM	0.0095	0.019	0.029
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.40	0.80	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	3.0	5.0	100
KAFB-106022	GW022-204	ug/l	Y	J		0.30	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.30	1.0	20
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.70	2.0	10
KAFB-106022	GW022-204	ug/l	N	UJ	UM	0.50	1.0	10
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.30	1.0	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.30	1.0	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	1.4	2.0	6
KAFB-106022	GW022-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	1.0	2.0	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106022	GW022-204	ug/l	N	UJ	UM	0.30	1.0	10
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.30	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	Y	J	JQ	0.70	2.0	20
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.30	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.30	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.30	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	1.0	2.0	4
KAFB-106022	GW022-204	ug/l	N	UJ	UM	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	UQ	0.30	1.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	UM	0.20	0.50	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.40	1.0	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	2.0	4.0	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	1.0	2.0	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.40	0.80	1
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.20	0.50	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	1.0	2.0	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.30	1.0	5
KAFB-106022	GW022-204	ug/l	N	UJ	UM	0.20	0.50	5
KAFB-106022	GW022-204	ug/l	N	UJ	U	0.30	1.0	5
KAFB-106022	GW022-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106022	GW022-204	ug/l	N	UJ	UM	0.20	0.50	5
KAFB-106077	GW077-204	mg/l	Y		D	1.5	4.5	5
KAFB-106077	GW077-204	mg/l	Y	J	J1D	1.0	1.5	2
KAFB-106077	GW077-204	mg/l	N	UJ	UJ1Q	1.3	2.0	2.5
KAFB-106077	GW077-204	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106077	GW077-204	mg/l	Y			8.0	6.0	8
KAFB-106077	GW077-204	mg/l	Y			8.0	6.0	8
KAFB-106077	GW077-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106077	GW077-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106077	GW077-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106077	GW077-204	mg/l	Y			0.040	0.075	0.1
KAFB-106077	GW077-204	mg/l	Y			0.20	0.38	0.5
KAFB-106077	GW077-204	mg/l	Y			0.24	0.50	1
KAFB-106077	GW077-204	mg/l	Y			0.096	0.15	0.2
KAFB-106077	GW077-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106077	GW077-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106077	GW077-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106077	GW077-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106077	GW077-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106077	GW077-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106077	GW077-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106077	GW077-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106077	GW077-204	ug/l	Y			0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106077	GW077-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	UJ	UQ	0.70	2.0	20
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106077	GW077-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106077	GW077-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106077	GW077-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106077	GW077-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106077	GW077-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106212	GW212-204	mg/l	Y		D	1.5	4.5	5
KAFB-106212	GW212-204	mg/l	Y		D	1.0	1.5	2
KAFB-106212	GW212-204	mg/l	N	UJ	UQ	1.3	2.0	2.5
KAFB-106212	GW212-204	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106212	GW212-204	mg/l	Y			8.0	6.0	8
KAFB-106212	GW212-204	mg/l	Y			8.0	6.0	8
KAFB-106212	GW212-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106212	GW212-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106212	GW212-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106212	GW212-204	mg/l	Y			0.040	0.075	0.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106212	GW212-204	mg/l	Y			0.20	0.38	0.5
KAFB-106212	GW212-204	mg/l	Y			0.24	0.50	1
KAFB-106212	GW212-204	mg/l	Y			0.096	0.15	0.2
KAFB-106212	GW212-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106212	GW212-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106212	GW212-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106212	GW212-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106212	GW212-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106212	GW212-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106212	GW212-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106212	GW212-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106212	GW212-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106212	GW212-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106212	GW212-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106212	GW212-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106212	GW212-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106212	GW212-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106212	GW212-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106212	GW212-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106053	GW053-204	mg/l	Y		D	15	45	50
KAFB-106053	GW053-204	mg/l	Y		D	10	15	20
KAFB-106053	GW053-204	mg/l	N	UJ	UQ	13	20	25
KAFB-106053	GW053-204	mg/l	Y			0.040	0.090	0.1
KAFB-106053	GW053-204	mg/l	Y			8.0	6.0	8
KAFB-106053	GW053-204	mg/l	Y			8.0	6.0	8
KAFB-106053	GW053-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106053	GW053-204	mg/l	Y	J	J1	0.040	0.075	0.1
KAFB-106053	GW053-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106053	GW053-204	mg/l	Y	J	J1	0.040	0.075	0.1
KAFB-106053	GW053-204	mg/l	Y			0.20	0.38	0.5
KAFB-106053	GW053-204	mg/l	Y	J	J1	0.24	0.50	1
KAFB-106053	GW053-204	mg/l	Y	J	J1	0.096	0.15	0.2
KAFB-106053	GW053-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106053	GW053-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106053	GW053-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106053	GW053-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106053	GW053-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106053	GW053-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106053	GW053-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106053	GW053-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106053	GW053-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106053	GW053-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.30	1.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106053	GW053-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106053	GW053-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106053	GW053-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106053	GW053-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106053	GW053-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106053	GW053-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106053	GW053-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106053	GW053-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106053	GW053-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106054	GW054-204	mg/l	Y		D	1.5	4.5	5
KAFB-106054	GW054-204	mg/l	Y		D	10	15	20
KAFB-106054	GW054-204	mg/l	N	UJ	UQ	13	20	25
KAFB-106054	GW054-204	mg/l	Y			0.040	0.090	0.1
KAFB-106054	GW054-204	mg/l	Y			8.0	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106054	GW054-204	mg/l	Y			8.0	6.0	8
KAFB-106054	GW054-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106054	GW054-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106054	GW054-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106054	GW054-204	mg/l	Y			0.040	0.075	0.1
KAFB-106054	GW054-204	mg/l	Y			0.20	0.38	0.5
KAFB-106054	GW054-204	mg/l	Y			0.24	0.50	1
KAFB-106054	GW054-204	mg/l	Y			0.096	0.15	0.2
KAFB-106054	GW054-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106054	GW054-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106054	GW054-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106054	GW054-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106054	GW054-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106054	GW054-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106054	GW054-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106054	GW054-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106054	GW054-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106054	GW054-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	UJ	UQ	0.70	2.0	20
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106054	GW054-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106054	GW054-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106054	GW054-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106054	GW054-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106054	GW054-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106054	GW054-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106026	GW026-204	mg/l	Y		D	1.5	4.5	5
KAFB-106026	GW026-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106026	GW026-204	mg/l	Y		D	10	15	20
KAFB-106026	GW026-204	mg/l	Y			0.040	0.090	0.1
KAFB-106026	GW026-204	mg/l	Y			8.0	6.0	8
KAFB-106026	GW026-204	mg/l	Y			8.0	6.0	8
KAFB-106026	GW026-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106026	GW026-204	mg/l	Y			0.040	0.075	0.1
KAFB-106026	GW026-204	mg/l	Y			0.20	0.38	0.5
KAFB-106026	GW026-204	mg/l	Y			0.24	0.50	1
KAFB-106026	GW026-204	mg/l	Y			0.096	0.15	0.2
KAFB-106026	GW026-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106026	GW026-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106026	GW026-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106026	GW026-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106026	GW026-204	ug/l	N	UJ	U	0.0097	0.019	0.029
KAFB-106026	GW026-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106026	GW026-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106026	GW026-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106026	GW026-204	ug/l	N	U	U	0.50	1.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106026	GW026-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106026	GW026-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106026	GW026-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106026	GW026-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106026	GW026-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106026	GW026-204	ug/l	N	U	U	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106074	GW074-204	mg/l	Y		D	1.5	4.5	5
KAFB-106074	GW074-204	mg/l	Y		D	1.0	1.5	2
KAFB-106074	GW074-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106074	GW074-204	mg/l	Y			0.040	0.090	0.1
KAFB-106074	GW074-204	mg/l	Y			8.0	6.0	8
KAFB-106074	GW074-204	mg/l	Y	U		8.0	6.0	8
KAFB-106074	GW074-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106074	GW074-204	mg/l	Y			0.040	0.075	0.1
KAFB-106074	GW074-204	mg/l	Y			0.20	0.38	0.5
KAFB-106074	GW074-204	mg/l	Y			0.24	0.50	1
KAFB-106074	GW074-204	mg/l	Y			0.096	0.15	0.2
KAFB-106074	GW074-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106074	GW074-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106074	GW074-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106074	GW074-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106074	GW074-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106074	GW074-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	UQ	3.0	5.0	100
KAFB-106074	GW074-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106074	GW074-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106074	GW074-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106074	GW074-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106074	GW074-204	ug/l	Y			0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106074	GW074-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106074	GW074-204	ug/l	N	UJ	UQ	0.30	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106074	GW074-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106074	GW074-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106074	GW074-204	ug/l	N	UJ	UQ	0.20	0.50	5
KAFB-106074	GW074-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106074	GW074-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106074	GW074-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106074	GW074-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106074	GW074-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106230	GW230-204	mg/l	Y		D	1.5	4.5	5
KAFB-106230	GW230-204	mg/l	Y		D	1.0	1.5	2
KAFB-106230	GW230-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106230	GW230-204	mg/l	Y			0.040	0.090	0.1
KAFB-106230	GW230-204	mg/l	Y			8.0	6.0	8
KAFB-106230	GW230-204	mg/l	Y			8.0	6.0	8
KAFB-106230	GW230-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106230	GW230-204	mg/l	Y			0.20	0.38	0.5
KAFB-106230	GW230-204	mg/l	Y			0.096	0.15	0.2
KAFB-106230	GW230-204	mg/l	Y			0.040	0.075	0.1
KAFB-106230	GW230-204	mg/l	Y			0.24	0.50	1
KAFB-106230	GW230-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106230	GW230-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106230	GW230-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106230	GW230-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106230	GW230-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106230	GW230-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106230	GW230-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106230	GW230-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106230	GW230-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106230	GW230-204	ug/l	N	UJ	U	0.50	1.0	10
KAFB-106230	GW230-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	UJ	U	0.30	1.0	5
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106230	GW230-204	ug/l	N	UJ	U	0.30	1.0	10
KAFB-106230	GW230-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106230	GW230-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106230	GW230-204	ug/l	N	UJ	U	2.0	4.0	5
KAFB-106230	GW230-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106230	GW230-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106230	GW230-204	ug/l	N	U	U	1.0	2.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106230	GW230-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106230	GW230-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106230	GW230-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106036	GW036-204	mg/l	Y		D	1.5	4.5	5
KAFB-106036	GW036-204	mg/l	Y		D	1.0	1.5	2
KAFB-106036	GW036-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106036	GW036-204	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106036	GW036-204	mg/l	Y			8.0	6.0	8
KAFB-106036	GW036-204	mg/l	Y			8.0	6.0	8
KAFB-106036	GW036-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106036	GW036-204	mg/l	Y			0.20	0.38	0.5
KAFB-106036	GW036-204	mg/l	Y			0.096	0.15	0.2
KAFB-106036	GW036-204	mg/l	Y			0.040	0.075	0.1
KAFB-106036	GW036-204	mg/l	Y			0.24	0.50	1
KAFB-106036	GW036-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106036	GW036-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106036	GW036-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106036	GW036-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106036	GW036-204	ug/l	Y			0.0095	0.019	0.029
KAFB-106036	GW036-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106036	GW036-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106036	GW036-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106036	GW036-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106036	GW036-204	ug/l	N	U	UM	0.50	1.0	10
KAFB-106036	GW036-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106036	GW036-204	ug/l	N	U	UM	0.30	1.0	10
KAFB-106036	GW036-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106036	GW036-204	ug/l	Y	J	J	0.70	2.0	20
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106036	GW036-204	ug/l	N	UJ	UQ	0.20	0.50	5
KAFB-106036	GW036-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106036	GW036-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106036	GW036-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106036	GW036-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106036	GW036-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106043	GW043-204	mg/l	Y		D	1.5	4.5	5
KAFB-106043	GW043-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106043	GW043-204	mg/l	Y		D	4.0	6.0	8
KAFB-106043	GW043-204	mg/l	Y			0.040	0.090	0.1
KAFB-106043	GW043-204	mg/l	Y			8.0	6.0	8
KAFB-106043	GW043-204	mg/l	Y			8.0	6.0	8
KAFB-106043	GW043-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106043	GW043-204	mg/l	Y			0.20	0.38	0.5
KAFB-106043	GW043-204	mg/l	Y			0.096	0.15	0.2
KAFB-106043	GW043-204	mg/l	Y			0.040	0.075	0.1
KAFB-106043	GW043-204	mg/l	Y			0.24	0.50	1
KAFB-106043	GW043-204	mg/l	N	U	UJ1	0.041	0.10	0.21
KAFB-106043	GW043-204	mg/l	N	U	UJ1	0.0031	0.0052	0.01
KAFB-106043	GW043-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106043	GW043-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106043	GW043-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106043	GW043-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106043	GW043-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106043	GW043-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106043	GW043-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106043	GW043-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106043	GW043-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106043	GW043-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106043	GW043-204	ug/l	N	U	U	2.0	4.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106043	GW043-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106043	GW043-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106043	GW043-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106049	GW049-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106049	GW049-204	mg/l	Y		D	15	45	50
KAFB-106049	GW049-204	mg/l	Y		D	10	15	20
KAFB-106049	GW049-204	mg/l	Y			0.20	0.45	0.5
KAFB-106049	GW049-204	mg/l	Y	J	J1	8.0	6.0	8
KAFB-106049	GW049-204	mg/l	Y			8.0	6.0	8
KAFB-106049	GW049-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106049	GW049-204	mg/l	Y			0.040	0.075	0.1
KAFB-106049	GW049-204	mg/l	Y			0.096	0.15	0.2
KAFB-106049	GW049-204	mg/l	Y			0.20	0.38	0.5
KAFB-106049	GW049-204	mg/l	Y			0.24	0.50	1
KAFB-106049	GW049-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106049	GW049-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106049	GW049-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106049	GW049-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106049	GW049-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106049	GW049-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106049	GW049-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106049	GW049-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106049	GW049-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106049	GW049-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106049	GW049-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	UJ	UQ	0.70	2.0	20
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106049	GW049-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106049	GW049-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106049	GW049-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106049	GW049-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106049	GW049-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106073	GW073-204	mg/l	Y		D	1.5	4.5	5
KAFB-106073	GW073-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106073	GW073-204	mg/l	Y		D	10	15	20
KAFB-106073	GW073-204	mg/l	Y			0.040	0.090	0.1
KAFB-106073	GW073-204	mg/l	Y			8.0	6.0	8
KAFB-106073	GW073-204	mg/l	Y			8.0	6.0	8
KAFB-106073	GW073-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106073	GW073-204	mg/l	Y			0.040	0.075	0.1
KAFB-106073	GW073-204	mg/l	Y			0.20	0.38	0.5
KAFB-106073	GW073-204	mg/l	Y			0.24	0.50	1
KAFB-106073	GW073-204	mg/l	Y			0.096	0.15	0.2
KAFB-106073	GW073-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106073	GW073-204	mg/l	Y	J	J	0.0031	0.0052	0.01
KAFB-106073	GW073-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106073	GW073-204	mg/l	N	U	U	0.00068	0.0016	0.002

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106073	GW073-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106073	GW073-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	UQ	3.0	5.0	100
KAFB-106073	GW073-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106073	GW073-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106073	GW073-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106073	GW073-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106073	GW073-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106073	GW073-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106073	GW073-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106073	GW073-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106073	GW073-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106073	GW073-204	ug/l	N	UJ	UQ	0.20	0.50	5
KAFB-106073	GW073-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.30	1.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106073	GW073-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106073	GW073-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106073	GW073-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106073	GW073-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106073	GW073-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106073	GW073-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106073	GW073-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106050	GW050-204	mg/l	Y		D	1.5	4.5	5
KAFB-106050	GW050-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106050	GW050-204	mg/l	Y		D	10	15	20
KAFB-106050	GW050-204	mg/l	Y			0.080	0.18	0.2
KAFB-106050	GW050-204	mg/l	Y			8.0	6.0	8
KAFB-106050	GW050-204	mg/l	Y			8.0	6.0	8
KAFB-106050	GW050-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106050	GW050-204	mg/l	Y			0.040	0.075	0.1
KAFB-106050	GW050-204	mg/l	Y			0.096	0.15	0.2
KAFB-106050	GW050-204	mg/l	Y			0.20	0.38	0.5
KAFB-106050	GW050-204	mg/l	Y			0.24	0.50	1
KAFB-106050	GW050-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106050	GW050-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106050	GW050-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106050	GW050-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106050	GW050-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106050	GW050-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106050	GW050-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106050	GW050-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106050	GW050-204	ug/l	N	UJ	U	0.50	1.0	10
KAFB-106050	GW050-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	UJ	U	0.30	1.0	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106050	GW050-204	ug/l	N	UJ	U	0.30	1.0	10
KAFB-106050	GW050-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106050	GW050-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106050	GW050-204	ug/l	N	UJ	U	2.0	4.0	5
KAFB-106050	GW050-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106050	GW050-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106050	GW050-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106052	GW052-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106052	GW052-204	mg/l	Y		D	15	45	50
KAFB-106052	GW052-204	mg/l	Y	J	D	4.0	6.0	8
KAFB-106052	GW052-204	mg/l	Y			0.040	0.090	0.1
KAFB-106052	GW052-204	mg/l	Y			8.0	6.0	8
KAFB-106052	GW052-204	mg/l	Y			8.0	6.0	8
KAFB-106052	GW052-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106052	GW052-204	mg/l	Y			0.040	0.075	0.1
KAFB-106052	GW052-204	mg/l	Y			0.20	0.38	0.5
KAFB-106052	GW052-204	mg/l	Y			0.24	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106052	GW052-204	mg/l	Y			0.096	0.15	0.2
KAFB-106052	GW052-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106052	GW052-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106052	GW052-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106052	GW052-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106052	GW052-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106052	GW052-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106052	GW052-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106052	GW052-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106052	GW052-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106052	GW052-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106052	GW052-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	UJ	UQ	0.70	2.0	20
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106052	GW052-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106052	GW052-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106052	GW052-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106052	GW052-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106052	GW052-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106105	GW105-204	mg/l	Y		D	1.5	4.5	5
KAFB-106105	GW105-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106105	GW105-204	mg/l	Y		D	10	15	20
KAFB-106105	GW105-204	mg/l	Y			0.040	0.090	0.1
KAFB-106105	GW105-204	mg/l	Y			8.0	6.0	8
KAFB-106105	GW105-204	mg/l	Y			8.0	6.0	8
KAFB-106105	GW105-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106105	GW105-204	mg/l	Y			0.040	0.075	0.1
KAFB-106105	GW105-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106105	GW105-204	mg/l	Y			0.040	0.075	0.1
KAFB-106105	GW105-204	mg/l	Y			0.20	0.38	0.5
KAFB-106105	GW105-204	mg/l	Y			0.24	0.50	1
KAFB-106105	GW105-204	mg/l	Y			0.096	0.15	0.2
KAFB-106105	GW105-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106105	GW105-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106105	GW105-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106105	GW105-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106105	GW105-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106105	GW105-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106105	GW105-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106105	GW105-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106105	GW105-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106105	GW105-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.30	1.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106105	GW105-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106105	GW105-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106105	GW105-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106105	GW105-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106105	GW105-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106105	GW105-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106107	GW107-204	mg/l	Y		D	1.5	4.5	5
KAFB-106107	GW107-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106107	GW107-204	mg/l	Y		D	10	15	20
KAFB-106107	GW107-204	mg/l	Y			0.040	0.090	0.1
KAFB-106107	GW107-204	mg/l	Y			8.0	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106107	GW107-204	mg/l	Y			8.0	6.0	8
KAFB-106107	GW107-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106107	GW107-204	mg/l	Y			0.040	0.075	0.1
KAFB-106107	GW107-204	mg/l	Y			0.20	0.38	0.5
KAFB-106107	GW107-204	mg/l	Y			0.24	0.50	1
KAFB-106107	GW107-204	mg/l	Y			0.096	0.15	0.2
KAFB-106107	GW107-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106107	GW107-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106107	GW107-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106107	GW107-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106107	GW107-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106107	GW107-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106107	GW107-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106107	GW107-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106107	GW107-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106107	GW107-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106107	GW107-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106107	GW107-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106107	GW107-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106107	GW107-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106107	GW107-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106107	GW107-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106107	GW107-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106107	GW107-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106206	GW206-204	mg/l	Y		D	1.5	4.5	5
KAFB-106206	GW206-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106206	GW206-204	mg/l	Y		D	10	15	20
KAFB-106206	GW206-204	mg/l	Y			0.040	0.090	0.1
KAFB-106206	GW206-204	mg/l	Y			8.0	6.0	8
KAFB-106206	GW206-204	mg/l	Y			8.0	6.0	8
KAFB-106206	GW206-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106206	GW206-204	mg/l	Y			0.040	0.075	0.1
KAFB-106206	GW206-204	mg/l	Y			0.20	0.38	0.5
KAFB-106206	GW206-204	mg/l	Y			0.24	0.50	1
KAFB-106206	GW206-204	mg/l	Y			0.096	0.15	0.2
KAFB-106206	GW206-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106206	GW206-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106206	GW206-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106206	GW206-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106206	GW206-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106206	GW206-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106206	GW206-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106206	GW206-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106206	GW206-204	ug/l	N	UJ	U	0.50	1.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106206	GW206-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	UJ	U	0.30	1.0	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106206	GW206-204	ug/l	N	UJ	U	0.30	1.0	10
KAFB-106206	GW206-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106206	GW206-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	UJ	U	0.30	1.0	10
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106206	GW206-204	ug/l	N	UJ	U	2.0	4.0	5
KAFB-106206	GW206-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106206	GW206-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106206	GW206-204	ug/l	N	U	U	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106009	GW009-204	mg/l	Y		D	1.3	2.0	2.5
KAFB-106009	GW009-204	mg/l	Y		D	15	45	50
KAFB-106009	GW009-204	mg/l	Y		D	10	15	20
KAFB-106009	GW009-204	mg/l	Y			0.40	0.90	1
KAFB-106009	GW009-204	mg/l	Y			8.0	6.0	8
KAFB-106009	GW009-204	mg/l	Y			8.0	6.0	8
KAFB-106009	GW009-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106009	GW009-204	mg/l	Y			0.040	0.075	0.1
KAFB-106009	GW009-204	mg/l	Y			0.20	0.38	0.5
KAFB-106009	GW009-204	mg/l	Y			0.24	0.50	1
KAFB-106009	GW009-204	mg/l	Y			0.096	0.15	0.2
KAFB-106009	GW009-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106009	GW009-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106009	GW009-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106009	GW009-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106009	GW009-204	ug/l	Y	J	J	0.0096	0.019	0.029
KAFB-106009	GW009-204	ug/l	N	U	U	4.0	8.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	30	50	1000
KAFB-106009	GW009-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	3.0	10	200
KAFB-106009	GW009-204	ug/l	N	U	U	3.0	10	200
KAFB-106009	GW009-204	ug/l	N	U	U	7.0	20	100
KAFB-106009	GW009-204	ug/l	N	U	U	5.0	10	100
KAFB-106009	GW009-204	ug/l	N	U	U	3.0	10	50
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	3.0	10	50
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	UJ	UQ	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	14	20	60
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	10	20	50
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106009	GW009-204	ug/l	N	U	U	3.0	10	100
KAFB-106009	GW009-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	UJ	UQ	7.0	20	200
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	3.0	5.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106009	GW009-204	ug/l	N	U	U	10	20	40
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	UJ	UQ	3.0	10	100
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	4.0	10	50
KAFB-106009	GW009-204	ug/l	N	U	U	20	40	50
KAFB-106009	GW009-204	ug/l	N	U	U	10	20	50
KAFB-106009	GW009-204	ug/l	N	U	U	4.0	8.0	10
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106009	GW009-204	ug/l	N	U	U	10	20	50
KAFB-106009	GW009-204	ug/l	N	U	U	3.0	10	50
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106009	GW009-204	ug/l	N	U	U	3.0	10	50
KAFB-106009	GW009-204	ug/l	N	U	U	3.0	10	50
KAFB-106009	GW009-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106241-428	GW241-428-204	mg/l	Y		D	1.5	4.5	5
KAFB-106241-428	GW241-428-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106241-428	GW241-428-204	mg/l	Y		D	10	15	20
KAFB-106241-428	GW241-428-204	mg/l	Y			0.040	0.090	0.1
KAFB-106241-428	GW241-428-204	mg/l	Y			8.0	6.0	8
KAFB-106241-428	GW241-428-204	mg/l	Y			8.0	6.0	8
KAFB-106241-428	GW241-428-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106241-428	GW241-428-204	mg/l	Y			0.040	0.075	0.1
KAFB-106241-428	GW241-428-204	mg/l	Y			0.20	0.38	0.5
KAFB-106241-428	GW241-428-204	mg/l	Y			0.24	0.50	1
KAFB-106241-428	GW241-428-204	mg/l	Y			0.096	0.15	0.2
KAFB-106241-428	GW241-428-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106241-428	GW241-428-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106241-428	GW241-428-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106241-428	GW241-428-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106241-428	GW241-428-204	ug/l	Y	J	JJ1	0.0096	0.019	0.029
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106241-428	GW241-428-204	ug/l	N	U	UM	0.30	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106241-428	GW241-428-204	ug/l	N	U	UM	0.50	1.0	10
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	Y	J	JQ	0.70	2.0	20
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	1.0	2.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106241-428	GW241-428-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106003	GW003-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106003	GW003-204	mg/l	Y		D	15	45	50
KAFB-106003	GW003-204	mg/l	Y		D	10	15	20
KAFB-106003	GW003-204	mg/l	Y			0.080	0.18	0.2
KAFB-106003	GW003-204	mg/l	Y			8.0	6.0	8
KAFB-106003	GW003-204	mg/l	Y			8.0	6.0	8
KAFB-106003	GW003-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106003	GW003-204	mg/l	Y			0.040	0.075	0.1
KAFB-106003	GW003-204	mg/l	Y			0.20	0.38	0.5
KAFB-106003	GW003-204	mg/l	Y			0.24	0.50	1
KAFB-106003	GW003-204	mg/l	Y			0.096	0.15	0.2
KAFB-106003	GW003-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106003	GW003-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106003	GW003-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106003	GW003-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106003	GW003-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106003	GW003-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106003	GW003-204	ug/l	N	U	UQ	3.0	5.0	100
KAFB-106003	GW003-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106003	GW003-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106003	GW003-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106003	GW003-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106003	GW003-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106003	GW003-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106003	GW003-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106003	GW003-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106003	GW003-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106003	GW003-204	ug/l	N	UJ	UQ	0.20	0.50	5
KAFB-106003	GW003-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106003	GW003-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106003	GW003-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106003	GW003-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106003	GW003-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-204	mg/l	Y		D	1.5	4.5	5
KAFB-106085	GW085-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106085	GW085-204	mg/l	Y		D	10	15	20
KAFB-106085	GW085-204	mg/l	Y			0.040	0.090	0.1
KAFB-106085	GW085-204	mg/l	Y			8.0	6.0	8
KAFB-106085	GW085-204	mg/l	Y			8.0	6.0	8
KAFB-106085	GW085-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106085	GW085-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106085	GW085-204	mg/l	Y			0.040	0.075	0.1
KAFB-106085	GW085-204	mg/l	Y			0.20	0.38	0.5
KAFB-106085	GW085-204	mg/l	Y			0.24	0.50	1
KAFB-106085	GW085-204	mg/l	Y			0.096	0.15	0.2
KAFB-106085	GW085-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106085	GW085-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106085	GW085-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106085	GW085-204	ug/l	N	U	U	0.0095	0.019	0.028
KAFB-106085	GW085-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	UQ	3.0	5.0	100
KAFB-106085	GW085-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106085	GW085-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106085	GW085-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106085	GW085-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106085	GW085-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106085	GW085-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106085	GW085-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106085	GW085-204	ug/l	N	UJ	UQ	0.20	0.50	5
KAFB-106085	GW085-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106085	GW085-204	ug/l	N	UJ	UQ	2.0	4.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106085	GW085-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-604	mg/l	Y		D	1.5	4.5	5
KAFB-106085	GW085-604	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106085	GW085-604	mg/l	Y		D	10	15	20
KAFB-106085	GW085-604	mg/l	Y			0.040	0.090	0.1
KAFB-106085	GW085-604	mg/l	Y			8.0	6.0	8
KAFB-106085	GW085-604	mg/l	Y			8.0	6.0	8
KAFB-106085	GW085-604	mg/l	N	U	U	8.0	6.0	8
KAFB-106085	GW085-604	mg/l	Y			0.040	0.075	0.1
KAFB-106085	GW085-604	mg/l	Y			0.20	0.38	0.5
KAFB-106085	GW085-604	mg/l	Y			0.24	0.50	1
KAFB-106085	GW085-604	mg/l	Y			0.096	0.15	0.2
KAFB-106085	GW085-604	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106085	GW085-604	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106085	GW085-604	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106085	GW085-604	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106085	GW085-604	ug/l	N	U	UM	0.0097	0.019	0.029
KAFB-106085	GW085-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	UQ	3.0	5.0	100
KAFB-106085	GW085-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.30	1.0	20
KAFB-106085	GW085-604	ug/l	N	U	U	0.70	2.0	10
KAFB-106085	GW085-604	ug/l	N	U	U	0.50	1.0	10
KAFB-106085	GW085-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	1.4	2.0	6
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.30	1.0	10
KAFB-106085	GW085-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.70	2.0	20
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106085	GW085-604	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106085	GW085-604	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-604	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106085	GW085-604	ug/l	N	UJ	UQ	0.20	0.50	5
KAFB-106085	GW085-604	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.30	1.0	10
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.40	1.0	5
KAFB-106085	GW085-604	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106085	GW085-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106085	GW085-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106086	GW086-204	mg/l	Y		D	1.5	4.5	5
KAFB-106086	GW086-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106086	GW086-204	mg/l	Y		D	2.0	3.0	4
KAFB-106086	GW086-204	mg/l	Y			0.040	0.090	0.1
KAFB-106086	GW086-204	mg/l	Y			8.0	6.0	8
KAFB-106086	GW086-204	mg/l	Y			8.0	6.0	8
KAFB-106086	GW086-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106086	GW086-204	mg/l	Y			0.040	0.075	0.1
KAFB-106086	GW086-204	mg/l	Y			0.20	0.38	0.5
KAFB-106086	GW086-204	mg/l	Y			0.24	0.50	1
KAFB-106086	GW086-204	mg/l	Y			0.096	0.15	0.2
KAFB-106086	GW086-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106086	GW086-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106086	GW086-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106086	GW086-204	mg/l	N	U	U	0.00068	0.0016	0.002

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106086	GW086-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106086	GW086-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	UQ	3.0	5.0	100
KAFB-106086	GW086-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106086	GW086-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106086	GW086-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106086	GW086-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106086	GW086-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106086	GW086-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106086	GW086-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106086	GW086-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106086	GW086-204	ug/l	N	UJ	UQ	0.20	0.50	5
KAFB-106086	GW086-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.30	1.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106086	GW086-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106086	GW086-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106086	GW086-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106086	GW086-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106087	GW087-204	mg/l	Y		D	1.5	4.5	5
KAFB-106087	GW087-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106087	GW087-204	mg/l	Y	J	D	10	15	20
KAFB-106087	GW087-204	mg/l	Y			0.040	0.090	0.1
KAFB-106087	GW087-204	mg/l	Y			8.0	6.0	8
KAFB-106087	GW087-204	mg/l	Y			8.0	6.0	8
KAFB-106087	GW087-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106087	GW087-204	mg/l	Y			0.040	0.075	0.1
KAFB-106087	GW087-204	mg/l	Y			0.20	0.38	0.5
KAFB-106087	GW087-204	mg/l	Y			0.24	0.50	1
KAFB-106087	GW087-204	mg/l	Y			0.096	0.15	0.2
KAFB-106087	GW087-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106087	GW087-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106087	GW087-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106087	GW087-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106087	GW087-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106087	GW087-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	UQ	3.0	5.0	100
KAFB-106087	GW087-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106087	GW087-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106087	GW087-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106087	GW087-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106087	GW087-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106087	GW087-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106087	GW087-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106087	GW087-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106087	GW087-204	ug/l	N	UJ	UQ	0.20	0.50	5
KAFB-106087	GW087-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106087	GW087-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106087	GW087-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106087	GW087-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106087	GW087-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106013	GW013-204	mg/l	Y		D	1.5	4.5	5
KAFB-106013	GW013-204	mg/l	Y		D	1.0	1.5	2
KAFB-106013	GW013-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106013	GW013-204	mg/l	Y			0.040	0.090	0.1
KAFB-106013	GW013-204	mg/l	Y			8.0	6.0	8
KAFB-106013	GW013-204	mg/l	Y			8.0	6.0	8
KAFB-106013	GW013-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106013	GW013-204	mg/l	Y			0.040	0.075	0.1
KAFB-106013	GW013-204	mg/l	Y			0.096	0.15	0.2
KAFB-106013	GW013-204	mg/l	Y			0.20	0.38	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106013	GW013-204	mg/l	Y			0.24	0.50	1
KAFB-106013	GW013-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106013	GW013-204	mg/l	Y	J	J	0.0031	0.0052	0.01
KAFB-106013	GW013-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106013	GW013-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106013	GW013-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106013	GW013-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	UQ	3.0	5.0	100
KAFB-106013	GW013-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106013	GW013-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106013	GW013-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106013	GW013-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106013	GW013-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106013	GW013-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106013	GW013-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106013	GW013-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106013	GW013-204	ug/l	N	UJ	UQ	0.20	0.50	5
KAFB-106013	GW013-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106013	GW013-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106013	GW013-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106013	GW013-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106013	GW013-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106071	GW071-204	mg/l	Y		D	1.5	4.5	5
KAFB-106071	GW071-204	mg/l	Y		D	1.0	1.5	2
KAFB-106071	GW071-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106071	GW071-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106071	GW071-204	mg/l	Y			8.0	6.0	8
KAFB-106071	GW071-204	mg/l	Y			8.0	6.0	8
KAFB-106071	GW071-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106071	GW071-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106071	GW071-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106071	GW071-204	mg/l	Y			0.040	0.075	0.1
KAFB-106071	GW071-204	mg/l	Y			0.096	0.15	0.2
KAFB-106071	GW071-204	mg/l	Y			0.20	0.38	0.5
KAFB-106071	GW071-204	mg/l	Y			0.24	0.50	1
KAFB-106071	GW071-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106071	GW071-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106071	GW071-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106071	GW071-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106071	GW071-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106071	GW071-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106071	GW071-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106071	GW071-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.30	1.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106071	GW071-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	UJ	UQ	0.70	2.0	20
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106071	GW071-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106071	GW071-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106071	GW071-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106071	GW071-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106071	GW071-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-204	mg/l	Y	U	D	1.5	4.5	5
KAFB-106070	GW070-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106070	GW070-204	mg/l	Y		D	10	15	20
KAFB-106070	GW070-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106070	GW070-204	mg/l	Y			8.0	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106070	GW070-204	mg/l	Y			8.0	6.0	8
KAFB-106070	GW070-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106070	GW070-204	mg/l	Y			0.040	0.075	0.1
KAFB-106070	GW070-204	mg/l	Y			0.096	0.15	0.2
KAFB-106070	GW070-204	mg/l	Y			0.20	0.38	0.5
KAFB-106070	GW070-204	mg/l	Y			0.24	0.50	1
KAFB-106070	GW070-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106070	GW070-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106070	GW070-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106070	GW070-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106070	GW070-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106070	GW070-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106070	GW070-204	ug/l	Y	J	J	0.30	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106070	GW070-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106070	GW070-204	ug/l	N	U	UM	0.50	1.0	10
KAFB-106070	GW070-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106070	GW070-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106070	GW070-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	Y	J	JQ	0.70	2.0	20
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106070	GW070-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106070	GW070-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106070	GW070-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-604	mg/l	Y		D	1.5	4.5	5
KAFB-106070	GW070-604	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106070	GW070-604	mg/l	Y		D	10	15	20
KAFB-106070	GW070-604	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106070	GW070-604	mg/l	Y			8.0	6.0	8
KAFB-106070	GW070-604	mg/l	Y			8.0	6.0	8
KAFB-106070	GW070-604	mg/l	N	U	U	8.0	6.0	8
KAFB-106070	GW070-604	mg/l	Y	J	J1	0.040	0.075	0.1
KAFB-106070	GW070-604	mg/l	Y			0.20	0.38	0.5
KAFB-106070	GW070-604	mg/l	Y	J	J1	0.24	0.50	1
KAFB-106070	GW070-604	mg/l	Y	J	J1	0.096	0.15	0.2
KAFB-106070	GW070-604	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106070	GW070-604	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106070	GW070-604	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106070	GW070-604	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106070	GW070-604	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106070	GW070-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	3.0	5.0	100
KAFB-106070	GW070-604	ug/l	Y	J	J	0.30	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.30	1.0	20
KAFB-106070	GW070-604	ug/l	N	U	U	0.70	2.0	10
KAFB-106070	GW070-604	ug/l	N	U	UM	0.50	1.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106070	GW070-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	1.4	2.0	6
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.30	1.0	10
KAFB-106070	GW070-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	Y	J	JQ	0.70	2.0	20
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-604	ug/l	N	U	U	1.0	2.0	4
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.30	1.0	10
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.40	1.0	5
KAFB-106070	GW070-604	ug/l	N	U	U	2.0	4.0	5
KAFB-106070	GW070-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106070	GW070-604	ug/l	N	U	U	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106243-425	GW243-425-204	mg/l	Y		D	1.5	4.5	5
KAFB-106243-425	GW243-425-204	mg/l	Y		D	1.0	1.5	2
KAFB-106243-425	GW243-425-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106243-425	GW243-425-204	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106243-425	GW243-425-204	mg/l	Y			8.0	6.0	8
KAFB-106243-425	GW243-425-204	mg/l	Y			8.0	6.0	8
KAFB-106243-425	GW243-425-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106243-425	GW243-425-204	mg/l	Y			0.040	0.075	0.1
KAFB-106243-425	GW243-425-204	mg/l	Y			0.20	0.38	0.5
KAFB-106243-425	GW243-425-204	mg/l	Y			0.096	0.15	0.2
KAFB-106243-425	GW243-425-204	mg/l	Y			0.24	0.50	1
KAFB-106243-425	GW243-425-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106243-425	GW243-425-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106243-425	GW243-425-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106243-425	GW243-425-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106243-425	GW243-425-204	ug/l	Y		M	0.0096	0.019	0.029
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	UJ	UQ	0.70	2.0	20
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.30	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106243-425	GW243-425-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106090	GW090-204	mg/l	Y		D	1.5	4.5	5
KAFB-106090	GW090-204	mg/l	Y		D	1.0	1.5	2
KAFB-106090	GW090-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106090	GW090-204	mg/l	Y			0.040	0.090	0.1
KAFB-106090	GW090-204	mg/l	Y			8.0	6.0	8
KAFB-106090	GW090-204	mg/l	Y			8.0	6.0	8
KAFB-106090	GW090-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106090	GW090-204	mg/l	Y			0.040	0.075	0.1
KAFB-106090	GW090-204	mg/l	Y			0.20	0.38	0.5
KAFB-106090	GW090-204	mg/l	Y			0.24	0.50	1
KAFB-106090	GW090-204	mg/l	Y			0.096	0.15	0.2
KAFB-106090	GW090-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106090	GW090-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106090	GW090-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106090	GW090-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106090	GW090-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106090	GW090-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106090	GW090-204	ug/l	N	U	UQ	3.0	5.0	100
KAFB-106090	GW090-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106090	GW090-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106090	GW090-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106090	GW090-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106090	GW090-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106090	GW090-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106090	GW090-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106090	GW090-204	ug/l	N	UJ	UQ	0.20	0.50	5
KAFB-106090	GW090-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106090	GW090-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106090	GW090-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106090	GW090-204	ug/l	N	U	U	1.0	2.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106090	GW090-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106090	GW090-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106098	GW098-204	mg/l	Y		D	1.5	4.5	5
KAFB-106098	GW098-204	mg/l	Y		D	1.0	1.5	2
KAFB-106098	GW098-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106098	GW098-204	mg/l	Y			0.040	0.090	0.1
KAFB-106098	GW098-204	mg/l	Y			8.0	6.0	8
KAFB-106098	GW098-204	mg/l	Y			8.0	6.0	8
KAFB-106098	GW098-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106098	GW098-204	mg/l	Y			0.040	0.075	0.1
KAFB-106098	GW098-204	mg/l	Y			0.20	0.38	0.5
KAFB-106098	GW098-204	mg/l	Y			0.24	0.50	1
KAFB-106098	GW098-204	mg/l	Y			0.096	0.15	0.2
KAFB-106098	GW098-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106098	GW098-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106098	GW098-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106098	GW098-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106098	GW098-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106098	GW098-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106098	GW098-204	ug/l	N	U	UQ	3.0	5.0	100
KAFB-106098	GW098-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106098	GW098-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106098	GW098-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106098	GW098-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106098	GW098-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106098	GW098-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106098	GW098-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106098	GW098-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106098	GW098-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106098	GW098-204	ug/l	N	UJ	UQ	0.20	0.50	5
KAFB-106098	GW098-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106098	GW098-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106098	GW098-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106098	GW098-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106098	GW098-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106089	GW089-204	mg/l	Y		D	1.5	4.5	5
KAFB-106089	GW089-204	mg/l	Y		D	1.0	1.5	2
KAFB-106089	GW089-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106089	GW089-204	mg/l	Y			0.040	0.090	0.1
KAFB-106089	GW089-204	mg/l	Y			8.0	6.0	8
KAFB-106089	GW089-204	mg/l	Y			8.0	6.0	8
KAFB-106089	GW089-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106089	GW089-204	mg/l	Y			0.040	0.075	0.1
KAFB-106089	GW089-204	mg/l	Y			0.20	0.38	0.5
KAFB-106089	GW089-204	mg/l	Y			0.24	0.50	1
KAFB-106089	GW089-204	mg/l	Y			0.096	0.15	0.2
KAFB-106089	GW089-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106089	GW089-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106089	GW089-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106089	GW089-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106089	GW089-204	ug/l	Y			0.0096	0.019	0.029
KAFB-106089	GW089-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	UQ	3.0	5.0	100
KAFB-106089	GW089-204	ug/l	N	U	UM	0.30	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106089	GW089-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106089	GW089-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106089	GW089-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	Y	UJ	JQ	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106089	GW089-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106089	GW089-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106089	GW089-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106089	GW089-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106089	GW089-204	ug/l	N	UJ	UQ	0.20	0.50	5
KAFB-106089	GW089-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106089	GW089-204	ug/l	N	UJ	UQ	2.0	4.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106089	GW089-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106089	GW089-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106089	GW089-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106023	GW023-204	mg/l	Y		D	1.5	4.5	5
KAFB-106023	GW023-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106023	GW023-204	mg/l	Y		D	10	15	20
KAFB-106023	GW023-204	mg/l	Y			0.040	0.090	0.1
KAFB-106023	GW023-204	mg/l	Y			8.0	6.0	8
KAFB-106023	GW023-204	mg/l	Y			8.0	6.0	8
KAFB-106023	GW023-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106023	GW023-204	mg/l	Y			0.040	0.075	0.1
KAFB-106023	GW023-204	mg/l	Y			0.096	0.15	0.2
KAFB-106023	GW023-204	mg/l	Y			0.20	0.38	0.5
KAFB-106023	GW023-204	mg/l	Y			0.24	0.50	1
KAFB-106023	GW023-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106023	GW023-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106023	GW023-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106023	GW023-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106023	GW023-204	ug/l	N	U	U	0.0095	0.019	0.028
KAFB-106023	GW023-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	UQ	3.0	5.0	100
KAFB-106023	GW023-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106023	GW023-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106023	GW023-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106023	GW023-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106023	GW023-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106023	GW023-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106023	GW023-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106023	GW023-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106023	GW023-204	ug/l	N	UJ	UQ	0.20	0.50	5
KAFB-106023	GW023-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106023	GW023-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106023	GW023-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106023	GW023-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106023	GW023-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106103	GW103-204	mg/l	Y		D	1.5	4.5	5
KAFB-106103	GW103-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106103	GW103-204	mg/l	Y		D	10	15	20
KAFB-106103	GW103-204	mg/l	Y			0.040	0.090	0.1
KAFB-106103	GW103-204	mg/l	Y			8.0	6.0	8
KAFB-106103	GW103-204	mg/l	Y			8.0	6.0	8
KAFB-106103	GW103-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106103	GW103-204	mg/l	Y			0.040	0.075	0.1
KAFB-106103	GW103-204	mg/l	Y			0.096	0.15	0.2
KAFB-106103	GW103-204	mg/l	Y			0.20	0.38	0.5
KAFB-106103	GW103-204	mg/l	Y			0.24	0.50	1
KAFB-106103	GW103-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106103	GW103-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106103	GW103-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106103	GW103-204	mg/l	Y	J	J	0.00068	0.0016	0.002

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106103	GW103-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106103	GW103-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	UQ	3.0	5.0	100
KAFB-106103	GW103-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106103	GW103-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106103	GW103-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106103	GW103-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106103	GW103-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106103	GW103-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106103	GW103-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106103	GW103-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106103	GW103-204	ug/l	N	UJ	UQ	0.20	0.50	5
KAFB-106103	GW103-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.30	1.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106103	GW103-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106103	GW103-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106103	GW103-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106103	GW103-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106104	GW104-204	mg/l	Y		D	1.5	4.5	5
KAFB-106104	GW104-204	mg/l	Y		D	1.0	1.5	2
KAFB-106104	GW104-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106104	GW104-204	mg/l	Y			0.040	0.090	0.1
KAFB-106104	GW104-204	mg/l	Y			8.0	6.0	8
KAFB-106104	GW104-204	mg/l	Y			8.0	6.0	8
KAFB-106104	GW104-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106104	GW104-204	mg/l	Y			0.040	0.075	0.1
KAFB-106104	GW104-204	mg/l	Y			0.096	0.15	0.2
KAFB-106104	GW104-204	mg/l	Y			0.20	0.38	0.5
KAFB-106104	GW104-204	mg/l	Y			0.24	0.50	1
KAFB-106104	GW104-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106104	GW104-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106104	GW104-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106104	GW104-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106104	GW104-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106104	GW104-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	UQ	3.0	5.0	100
KAFB-106104	GW104-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106104	GW104-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106104	GW104-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106104	GW104-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106104	GW104-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106104	GW104-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106104	GW104-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106104	GW104-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106104	GW104-204	ug/l	N	UJ	UQ	0.20	0.50	5
KAFB-106104	GW104-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106104	GW104-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106104	GW104-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106104	GW104-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106104	GW104-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106097	GW097-204	mg/l	Y		D	1.5	4.5	5
KAFB-106097	GW097-204	mg/l	Y		D	1.0	1.5	2
KAFB-106097	GW097-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106097	GW097-204	mg/l	Y			0.040	0.090	0.1
KAFB-106097	GW097-204	mg/l	Y			8.0	6.0	8
KAFB-106097	GW097-204	mg/l	Y			8.0	6.0	8
KAFB-106097	GW097-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106097	GW097-204	mg/l	Y			0.040	0.075	0.1
KAFB-106097	GW097-204	mg/l	Y			0.096	0.15	0.2
KAFB-106097	GW097-204	mg/l	Y			0.20	0.38	0.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106097	GW097-204	mg/l	Y			0.24	0.50	1
KAFB-106097	GW097-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106097	GW097-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106097	GW097-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106097	GW097-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106097	GW097-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106097	GW097-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	UQ	3.0	5.0	100
KAFB-106097	GW097-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106097	GW097-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106097	GW097-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106097	GW097-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106097	GW097-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106097	GW097-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106097	GW097-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106097	GW097-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106097	GW097-204	ug/l	N	UJ	UQ	0.20	0.50	5
KAFB-106097	GW097-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106097	GW097-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106097	GW097-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106097	GW097-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106097	GW097-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106015	GW015-204	mg/l	Y		D	1.5	4.5	5
KAFB-106015	GW015-204	mg/l	Y		D	1.0	1.5	2
KAFB-106015	GW015-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106015	GW015-204	mg/l	Y			0.040	0.090	0.1
KAFB-106015	GW015-204	mg/l	Y			8.0	6.0	8
KAFB-106015	GW015-204	mg/l	Y			8.0	6.0	8
KAFB-106015	GW015-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106015	GW015-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106015	GW015-204	mg/l	Y	J	J	0.0031	0.0052	0.01
KAFB-106015	GW015-204	mg/l	Y	J	J1	0.040	0.075	0.1
KAFB-106015	GW015-204	mg/l	Y	J	J1	0.24	0.50	1
KAFB-106015	GW015-204	mg/l	Y	J	J1	0.096	0.15	0.2
KAFB-106015	GW015-204	mg/l	Y	J	J1	0.20	0.38	0.5
KAFB-106015	GW015-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106015	GW015-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106015	GW015-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106015	GW015-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106015	GW015-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106015	GW015-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106015	GW015-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106015	GW015-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.30	1.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106015	GW015-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	UJ	UQ	0.70	2.0	20
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106015	GW015-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106015	GW015-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106015	GW015-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106015	GW015-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106015	GW015-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106244-445	GW244-445-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106244-445	GW244-445-204	mg/l	Y		D	15	45	50
KAFB-106244-445	GW244-445-204	mg/l	Y		D	10	15	20
KAFB-106244-445	GW244-445-204	mg/l	Y			0.080	0.18	0.2
KAFB-106244-445	GW244-445-204	mg/l	Y			8.0	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106244-445	GW244-445-204	mg/l	Y			8.0	6.0	8
KAFB-106244-445	GW244-445-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106244-445	GW244-445-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106244-445	GW244-445-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106244-445	GW244-445-204	mg/l	Y			0.040	0.075	0.1
KAFB-106244-445	GW244-445-204	mg/l	Y			0.24	0.50	1
KAFB-106244-445	GW244-445-204	mg/l	Y			0.096	0.15	0.2
KAFB-106244-445	GW244-445-204	mg/l	Y			0.20	0.38	0.5
KAFB-106244-445	GW244-445-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106244-445	GW244-445-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106244-445	GW244-445-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106244-445	GW244-445-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	UJ	UQ	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106244-445	GW244-445-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106099	GW099-204	mg/l	Y		D	1.5	4.5	5
KAFB-106099	GW099-204	mg/l	Y		D	1.0	1.5	2
KAFB-106099	GW099-204	mg/l	N	U	UQ	1.3	2.0	2.5
KAFB-106099	GW099-204	mg/l	Y			0.040	0.090	0.1
KAFB-106099	GW099-204	mg/l	Y			8.0	6.0	8
KAFB-106099	GW099-204	mg/l	Y			8.0	6.0	8
KAFB-106099	GW099-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106099	GW099-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106099	GW099-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106099	GW099-204	mg/l	Y			0.040	0.075	0.1
KAFB-106099	GW099-204	mg/l	Y			0.24	0.50	1
KAFB-106099	GW099-204	mg/l	Y			0.096	0.15	0.2
KAFB-106099	GW099-204	mg/l	Y			0.20	0.38	0.5
KAFB-106099	GW099-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106099	GW099-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106099	GW099-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106099	GW099-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106099	GW099-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106099	GW099-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106099	GW099-204	ug/l	N	U	U	0.50	1.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106099	GW099-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106099	GW099-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106099	GW099-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106099	GW099-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106099	GW099-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106099	GW099-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106099	GW099-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106099	GW099-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106099	GW099-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106099	GW099-204	ug/l	N	U	U	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106064	GW064-204	mg/l	N	U	U	1.5	4.5	5
KAFB-106064	GW064-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106064	GW064-204	mg/l	Y		D	4.0	6.0	8
KAFB-106064	GW064-204	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106064	GW064-204	mg/l	Y			8.0	6.0	8
KAFB-106064	GW064-204	mg/l	Y			8.0	6.0	8
KAFB-106064	GW064-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106064	GW064-204	mg/l	Y			0.041	0.10	0.21
KAFB-106064	GW064-204	mg/l	Y			0.040	0.075	0.1
KAFB-106064	GW064-204	mg/l	Y			0.24	0.50	1
KAFB-106064	GW064-204	mg/l	Y			0.096	0.15	0.2
KAFB-106064	GW064-204	mg/l	Y	J	J1	0.0031	0.0052	0.01
KAFB-106064	GW064-204	mg/l	Y			0.20	0.38	0.5
KAFB-106064	GW064-204	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106064	GW064-204	mg/l	Y			0.00068	0.0016	0.002
KAFB-106064	GW064-204	ug/l	N	U	UMJ1	0.0097	0.019	0.029
KAFB-106064	GW064-204	ug/l	Y		D	2.0	4.0	5
KAFB-106064	GW064-204	ug/l	N	U	UM	1.0	2.5	25
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	Y		D	1.0	2.5	25
KAFB-106064	GW064-204	ug/l	Y	J	JDM	1.0	2.5	25
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106064	GW064-204	ug/l	N	U	UM	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	15	25	500
KAFB-106064	GW064-204	ug/l	N	U	UM	1.5	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.5	5.0	100
KAFB-106064	GW064-204	ug/l	N	U	UM	1.5	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.5	5.0	100
KAFB-106064	GW064-204	ug/l	N	U	U	3.5	10	50
KAFB-106064	GW064-204	ug/l	N	U	UM	2.5	5.0	50
KAFB-106064	GW064-204	ug/l	Y		D	1.5	5.0	25
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106064	GW064-204	ug/l	Y		D	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.5	5.0	25
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	Y			7.0	10	30
KAFB-106064	GW064-204	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	Y		D	5.0	10	25
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106064	GW064-204	ug/l	N	U	UM	1.5	5.0	50
KAFB-106064	GW064-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	Y	J	JD	3.5	10	100
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106064	GW064-204	ug/l	N	UJ	UQ	1.5	2.5	5
KAFB-106064	GW064-204	ug/l	N	UJ	UQ	1.0	2.5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106064	GW064-204	ug/l	N	UJ	UQ	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	UJ	UQ	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106064	GW064-204	ug/l	N	U	U	5.0	10	20
KAFB-106064	GW064-204	ug/l	N	U	UM	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	Y	J	JD	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.5	5.0	50
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	UM	1.0	2.5	5
KAFB-106064	GW064-204	ug/l	N	U	U	2.0	5.0	25
KAFB-106064	GW064-204	ug/l	N	U	U	10	20	25
KAFB-106064	GW064-204	ug/l	Y		D	5.0	10	25
KAFB-106064	GW064-204	ug/l	Y		D	2.0	4.0	5
KAFB-106064	GW064-204	ug/l	N	U	UM	1.0	2.5	25
KAFB-106064	GW064-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106064	GW064-204	ug/l	Y		D	5.0	10	25
KAFB-106064	GW064-204	ug/l	N	U	U	1.5	5.0	25
KAFB-106064	GW064-204	ug/l	N	U	UM	1.0	2.5	25
KAFB-106064	GW064-204	ug/l	N	U	U	1.5	5.0	25
KAFB-106064	GW064-204	ug/l	Y		D	1.0	2.5	25
KAFB-106064	GW064-204	ug/l	N	U	U	1.5	5.0	25
KAFB-106064	GW064-204	ug/l	Y		D	1.0	2.5	25
KAFB-106064	GW064-204	ug/l	Y		D	1.0	2.5	25
KAFB-106064	GW064-204	ug/l	Y		D	10	25	50
KAFB-106063	GW063-204	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106063	GW063-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106063	GW063-204	mg/l	Y		D	4.0	6.0	8
KAFB-106063	GW063-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106063	GW063-204	mg/l	Y			8.0	6.0	8
KAFB-106063	GW063-204	mg/l	Y			8.0	6.0	8
KAFB-106063	GW063-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106063	GW063-204	mg/l	Y			0.041	0.10	0.21
KAFB-106063	GW063-204	mg/l	Y			0.040	0.075	0.1
KAFB-106063	GW063-204	mg/l	Y			0.24	0.50	1
KAFB-106063	GW063-204	mg/l	Y			0.096	0.15	0.2
KAFB-106063	GW063-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106063	GW063-204	mg/l	Y			0.20	0.38	0.5
KAFB-106063	GW063-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106063	GW063-204	mg/l	Y			0.00068	0.0016	0.002
KAFB-106063	GW063-204	ug/l	N	U	UM	0.0097	0.019	0.029
KAFB-106063	GW063-204	ug/l	Y		D	4.0	8.0	10
KAFB-106063	GW063-204	ug/l	N	U	UM	2.0	5.0	50
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	Y		D	2.0	5.0	50
KAFB-106063	GW063-204	ug/l	Y	J	JDM	2.0	5.0	50
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106063	GW063-204	ug/l	N	U	U	30	50	1000
KAFB-106063	GW063-204	ug/l	Y	J	JDM	3.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	3.0	10	200
KAFB-106063	GW063-204	ug/l	N	U	U	7.0	20	100
KAFB-106063	GW063-204	ug/l	Y	J	JD	5.0	10	100
KAFB-106063	GW063-204	ug/l	Y		D	3.0	10	50
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106063	GW063-204	ug/l	Y		D	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	3.0	10	50
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	UJ	UQ	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	Y			14	20	60
KAFB-106063	GW063-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	Y		D	10	20	50
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106063	GW063-204	ug/l	N	U	UM	3.0	10	100
KAFB-106063	GW063-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	UJ	UQ	7.0	20	200
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106063	GW063-204	ug/l	N	U	U	10	20	40
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	3.0	10	100
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	UM	2.0	5.0	10
KAFB-106063	GW063-204	ug/l	N	U	U	4.0	10	50
KAFB-106063	GW063-204	ug/l	N	U	U	20	40	50
KAFB-106063	GW063-204	ug/l	Y		D	10	20	50
KAFB-106063	GW063-204	ug/l	Y		D	4.0	8.0	10
KAFB-106063	GW063-204	ug/l	N	U	UM	2.0	5.0	50
KAFB-106063	GW063-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106063	GW063-204	ug/l	Y		D	10	20	50
KAFB-106063	GW063-204	ug/l	N	U	U	3.0	10	50

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106063	GW063-204	ug/l	N	U	UM	2.0	5.0	50
KAFB-106063	GW063-204	ug/l	N	U	U	3.0	10	50
KAFB-106063	GW063-204	ug/l	Y		D	2.0	5.0	50
KAFB-106063	GW063-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106063	GW063-204	ug/l	Y		D	20	50	100
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106004	GW004-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106004	GW004-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106004	GW004-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106004	GW004-204	mg/l	Y		D	1.5	4.5	5
KAFB-106004	GW004-204	mg/l	Y		D	1.0	1.5	2
KAFB-106004	GW004-204	mg/l	N	U	UQ	1.3	2.0	2.5
KAFB-106004	GW004-204	mg/l	Y			0.040	0.090	0.1
KAFB-106004	GW004-204	mg/l	Y			8.0	6.0	8
KAFB-106004	GW004-204	mg/l	Y			8.0	6.0	8
KAFB-106004	GW004-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106004	GW004-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106004	GW004-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106004	GW004-204	mg/l	Y			0.040	0.075	0.1
KAFB-106004	GW004-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106004	GW004-204	mg/l	Y			0.040	0.075	0.1
KAFB-106004	GW004-204	mg/l	Y			0.24	0.50	1
KAFB-106004	GW004-204	mg/l	Y			0.096	0.15	0.2
KAFB-106004	GW004-204	mg/l	Y			0.20	0.38	0.5
KAFB-106004	GW004-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106004	GW004-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106004	GW004-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106004	GW004-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106004	GW004-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106004	GW004-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106004	GW004-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106004	GW004-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106004	GW004-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106004	GW004-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106004	GW004-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106004	GW004-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106004	GW004-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106004	GW004-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106004	GW004-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	mg/l	Y		D	1.5	4.5	5
KAFB-106245-460	GW245-460-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106245-460	GW245-460-204	mg/l	Y		D	10	15	20
KAFB-106245-460	GW245-460-204	mg/l	Y			0.080	0.18	0.2
KAFB-106245-460	GW245-460-204	mg/l	Y			8.0	6.0	8
KAFB-106245-460	GW245-460-204	mg/l	Y			8.0	6.0	8
KAFB-106245-460	GW245-460-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106245-460	GW245-460-204	mg/l	Y			0.040	0.075	0.1
KAFB-106245-460	GW245-460-204	mg/l	Y			0.20	0.38	0.5
KAFB-106245-460	GW245-460-204	mg/l	Y			0.096	0.15	0.2
KAFB-106245-460	GW245-460-204	mg/l	Y			0.24	0.50	1
KAFB-106245-460	GW245-460-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106245-460	GW245-460-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106245-460	GW245-460-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106245-460	GW245-460-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106245-460	GW245-460-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	2.0	4.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106245-460	GW245-460-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106247-450	GW247-450-204	mg/l	Y		D	1.5	4.5	5
KAFB-106247-450	GW247-450-204	mg/l	Y		D	1.0	1.5	2
KAFB-106247-450	GW247-450-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106247-450	GW247-450-204	mg/l	Y			0.040	0.090	0.1
KAFB-106247-450	GW247-450-204	mg/l	Y			8.0	6.0	8
KAFB-106247-450	GW247-450-204	mg/l	Y			8.0	6.0	8
KAFB-106247-450	GW247-450-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106247-450	GW247-450-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106247-450	GW247-450-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106247-450	GW247-450-204	mg/l	Y			0.040	0.075	0.1
KAFB-106247-450	GW247-450-204	mg/l	Y			0.24	0.50	1
KAFB-106247-450	GW247-450-204	mg/l	Y			0.096	0.15	0.2
KAFB-106247-450	GW247-450-204	mg/l	Y			0.20	0.38	0.5
KAFB-106247-450	GW247-450-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106247-450	GW247-450-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106247-450	GW247-450-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106247-450	GW247-450-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106100	GW100-204	mg/l	Y		D	1.5	4.5	5
KAFB-106100	GW100-204	mg/l	Y	J	J1D	1.0	1.5	2
KAFB-106100	GW100-204	mg/l	N	U	UQ	1.3	2.0	2.5
KAFB-106100	GW100-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106100	GW100-204	mg/l	Y			8.0	6.0	8
KAFB-106100	GW100-204	mg/l	Y			8.0	6.0	8
KAFB-106100	GW100-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106100	GW100-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106100	GW100-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106100	GW100-204	mg/l	Y			0.040	0.075	0.1
KAFB-106100	GW100-204	mg/l	Y			0.24	0.50	1
KAFB-106100	GW100-204	mg/l	Y			0.096	0.15	0.2
KAFB-106100	GW100-204	mg/l	Y			0.20	0.38	0.5
KAFB-106100	GW100-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106100	GW100-204	mg/l	Y	J	J	0.00068	0.0016	0.002

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106100	GW100-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106100	GW100-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106100	GW100-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106100	GW100-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106100	GW100-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106100	GW100-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106100	GW100-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106100	GW100-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106100	GW100-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106100	GW100-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106100	GW100-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.30	1.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106100	GW100-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106100	GW100-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106100	GW100-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106100	GW100-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106215	GW215-204	mg/l	Y		D	1.5	4.5	5
KAFB-106215	GW215-204	mg/l	Y		D	1.0	1.5	2
KAFB-106215	GW215-204	mg/l	N	U	UQ	1.3	2.0	2.5
KAFB-106215	GW215-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106215	GW215-204	mg/l	Y			8.0	6.0	8
KAFB-106215	GW215-204	mg/l	Y			8.0	6.0	8
KAFB-106215	GW215-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106215	GW215-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106215	GW215-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106215	GW215-204	mg/l	Y			0.040	0.075	0.1
KAFB-106215	GW215-204	mg/l	Y			0.24	0.50	1
KAFB-106215	GW215-204	mg/l	Y			0.096	0.15	0.2
KAFB-106215	GW215-204	mg/l	Y			0.20	0.38	0.5
KAFB-106215	GW215-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106215	GW215-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106215	GW215-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106215	GW215-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106215	GW215-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106215	GW215-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106215	GW215-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106215	GW215-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106215	GW215-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106215	GW215-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106215	GW215-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106215	GW215-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106215	GW215-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106215	GW215-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106215	GW215-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106215	GW215-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106215	GW215-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106214	GW214-204	mg/l	Y		D	1.5	4.5	5
KAFB-106214	GW214-204	mg/l	Y		D	10	15	20
KAFB-106214	GW214-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106214	GW214-204	mg/l	Y			0.040	0.090	0.1
KAFB-106214	GW214-204	mg/l	Y			8.0	6.0	8
KAFB-106214	GW214-204	mg/l	Y			8.0	6.0	8
KAFB-106214	GW214-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106214	GW214-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106214	GW214-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106214	GW214-204	mg/l	Y			0.040	0.075	0.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106214	GW214-204	mg/l	Y			0.24	0.50	1
KAFB-106214	GW214-204	mg/l	Y			0.096	0.15	0.2
KAFB-106214	GW214-204	mg/l	Y			0.20	0.38	0.5
KAFB-106214	GW214-204	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106214	GW214-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106214	GW214-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106214	GW214-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106214	GW214-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106214	GW214-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106214	GW214-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106214	GW214-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106214	GW214-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106214	GW214-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106214	GW214-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106214	GW214-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106214	GW214-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106214	GW214-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106214	GW214-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106214	GW214-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106214	GW214-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106213	GW213-204	mg/l	Y		D	1.5	4.5	5
KAFB-106213	GW213-204	mg/l	Y		D	10	15	20
KAFB-106213	GW213-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106213	GW213-204	mg/l	Y			0.040	0.090	0.1
KAFB-106213	GW213-204	mg/l	Y			8.0	6.0	8
KAFB-106213	GW213-204	mg/l	Y			8.0	6.0	8
KAFB-106213	GW213-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106213	GW213-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106213	GW213-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106213	GW213-204	mg/l	Y			0.040	0.075	0.1
KAFB-106213	GW213-204	mg/l	Y			0.24	0.50	1
KAFB-106213	GW213-204	mg/l	Y			0.096	0.15	0.2
KAFB-106213	GW213-204	mg/l	Y			0.20	0.38	0.5
KAFB-106213	GW213-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106213	GW213-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106213	GW213-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106213	GW213-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106213	GW213-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106213	GW213-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106213	GW213-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106213	GW213-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.30	1.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106213	GW213-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	Y	J	J	0.70	2.0	20
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106213	GW213-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106213	GW213-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106213	GW213-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106213	GW213-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106213	GW213-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106213	GW213-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106213	GW213-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106213	GW213-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106224	GW224-204	mg/l	Y		D	1.5	4.5	5
KAFB-106224	GW224-204	mg/l	Y		D	1.0	1.5	2
KAFB-106224	GW224-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106224	GW224-204	mg/l	Y			0.040	0.090	0.1
KAFB-106224	GW224-204	mg/l	Y			8.0	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106224	GW224-204	mg/l	Y			8.0	6.0	8
KAFB-106224	GW224-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106224	GW224-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106224	GW224-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106224	GW224-204	mg/l	Y			0.040	0.075	0.1
KAFB-106224	GW224-204	mg/l	Y			0.24	0.50	1
KAFB-106224	GW224-204	mg/l	Y			0.096	0.15	0.2
KAFB-106224	GW224-204	mg/l	Y			0.20	0.38	0.5
KAFB-106224	GW224-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106224	GW224-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106224	GW224-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106224	GW224-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106224	GW224-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106224	GW224-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106224	GW224-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106224	GW224-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106224	GW224-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106224	GW224-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106224	GW224-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106224	GW224-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	UJ	UQ	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106224	GW224-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106224	GW224-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106224	GW224-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106224	GW224-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106224	GW224-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106224	GW224-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106223	GW223-204	mg/l	Y		D	1.5	4.5	5
KAFB-106223	GW223-204	mg/l	Y		D	10	15	20
KAFB-106223	GW223-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106223	GW223-204	mg/l	Y			0.040	0.090	0.1
KAFB-106223	GW223-204	mg/l	Y			8.0	6.0	8
KAFB-106223	GW223-204	mg/l	Y			8.0	6.0	8
KAFB-106223	GW223-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106223	GW223-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106223	GW223-204	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106223	GW223-204	mg/l	Y			0.040	0.075	0.1
KAFB-106223	GW223-204	mg/l	Y			0.24	0.50	1
KAFB-106223	GW223-204	mg/l	Y			0.096	0.15	0.2
KAFB-106223	GW223-204	mg/l	Y			0.20	0.38	0.5
KAFB-106223	GW223-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106223	GW223-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106223	GW223-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106223	GW223-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106223	GW223-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106223	GW223-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106223	GW223-204	ug/l	N	U	U	0.50	1.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106223	GW223-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106223	GW223-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106223	GW223-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106223	GW223-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106223	GW223-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106223	GW223-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106223	GW223-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106223	GW223-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106223	GW223-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106223	GW223-204	ug/l	N	U	U	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106101	GW101-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106101	GW101-204	mg/l	Y		D	15	45	50
KAFB-106101	GW101-204	mg/l	Y		D	10	15	20
KAFB-106101	GW101-204	mg/l	Y			0.080	0.18	0.2
KAFB-106101	GW101-204	mg/l	Y			8.0	6.0	8
KAFB-106101	GW101-204	mg/l	Y			8.0	6.0	8
KAFB-106101	GW101-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106101	GW101-204	mg/l	Y			0.040	0.075	0.1
KAFB-106101	GW101-204	mg/l	Y			0.20	0.38	0.5
KAFB-106101	GW101-204	mg/l	Y			0.096	0.15	0.2
KAFB-106101	GW101-204	mg/l	Y			0.24	0.50	1
KAFB-106101	GW101-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106101	GW101-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106101	GW101-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106101	GW101-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106101	GW101-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106101	GW101-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106101	GW101-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106101	GW101-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106101	GW101-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106101	GW101-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106101	GW101-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106101	GW101-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106101	GW101-204	ug/l	N	UJ	UQ	0.30	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106101	GW101-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106101	GW101-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106101	GW101-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106101	GW101-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106101	GW101-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106101	GW101-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106101	GW101-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106222	GW222-204	mg/l	Y		D	1.5	4.5	5
KAFB-106222	GW222-204	mg/l	Y	U	D	10	15	20
KAFB-106222	GW222-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106222	GW222-204	mg/l	Y			0.080	0.18	0.2
KAFB-106222	GW222-204	mg/l	Y			8.0	6.0	8
KAFB-106222	GW222-204	mg/l	Y			8.0	6.0	8
KAFB-106222	GW222-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106222	GW222-204	mg/l	N	U	UQ	0.041	0.10	0.21
KAFB-106222	GW222-204	mg/l	N	U	UJ1Q	0.0031	0.0052	0.01
KAFB-106222	GW222-204	mg/l	Y			0.040	0.075	0.1
KAFB-106222	GW222-204	mg/l	Y			0.24	0.50	1
KAFB-106222	GW222-204	mg/l	Y			0.096	0.15	0.2
KAFB-106222	GW222-204	mg/l	Y			0.20	0.38	0.5
KAFB-106222	GW222-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106222	GW222-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106222	GW222-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106222	GW222-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106222	GW222-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106222	GW222-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106222	GW222-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106222	GW222-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106222	GW222-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106222	GW222-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106222	GW222-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106222	GW222-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106222	GW222-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106222	GW222-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106222	GW222-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106222	GW222-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106222	GW222-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106222	GW222-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106222	GW222-204	ug/l	N	U	U	1.0	2.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106222	GW222-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106222	GW222-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106222	GW222-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	mg/l	Y		D	1.3	2.0	2.5
KAFB-106240-449	GW240-449-204	mg/l	Y		D	15	45	50
KAFB-106240-449	GW240-449-204	mg/l	Y		D	10	15	20
KAFB-106240-449	GW240-449-204	mg/l	Y			0.080	0.18	0.2
KAFB-106240-449	GW240-449-204	mg/l	Y			8.0	6.0	8
KAFB-106240-449	GW240-449-204	mg/l	Y			8.0	6.0	8
KAFB-106240-449	GW240-449-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106240-449	GW240-449-204	mg/l	Y			0.040	0.075	0.1
KAFB-106240-449	GW240-449-204	mg/l	Y			0.20	0.38	0.5
KAFB-106240-449	GW240-449-204	mg/l	Y			0.096	0.15	0.2
KAFB-106240-449	GW240-449-204	mg/l	Y			0.24	0.50	1
KAFB-106240-449	GW240-449-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106240-449	GW240-449-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106240-449	GW240-449-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106240-449	GW240-449-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106240-449	GW240-449-204	ug/l	Y	J	J	0.70	2.0	20
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106240-449	GW240-449-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106102	GW102-204	mg/l	Y		D	1.5	4.5	5
KAFB-106102	GW102-204	mg/l	Y		D	1.0	1.5	2
KAFB-106102	GW102-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106102	GW102-204	mg/l	Y			0.040	0.090	0.1
KAFB-106102	GW102-204	mg/l	Y			8.0	6.0	8
KAFB-106102	GW102-204	mg/l	Y			8.0	6.0	8
KAFB-106102	GW102-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106102	GW102-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106102	GW102-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106102	GW102-204	mg/l	Y			0.040	0.075	0.1
KAFB-106102	GW102-204	mg/l	Y			0.096	0.15	0.2
KAFB-106102	GW102-204	mg/l	Y			0.20	0.38	0.5
KAFB-106102	GW102-204	mg/l	Y			0.24	0.50	1
KAFB-106102	GW102-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106102	GW102-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106102	GW102-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106102	GW102-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	UJ	UQ	3.0	5.0	100
KAFB-106102	GW102-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106102	GW102-204	ug/l	N	UJ	UQ	0.30	1.0	20
KAFB-106102	GW102-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106102	GW102-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106102	GW102-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106102	GW102-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106102	GW102-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	UJ	UQ	0.70	2.0	20
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106102	GW102-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106102	GW102-204	ug/l	N	UJ	UQ	2.0	4.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106102	GW102-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106102	GW102-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106102	GW102-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106051	GW051-204	mg/l	Y		D	15	45	50
KAFB-106051	GW051-204	mg/l	Y		D	10	15	20
KAFB-106051	GW051-204	mg/l	Y			0.080	0.18	0.2
KAFB-106051	GW051-204	mg/l	Y			8.0	6.0	8
KAFB-106051	GW051-204	mg/l	Y			8.0	6.0	8
KAFB-106051	GW051-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106051	GW051-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106051	GW051-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106051	GW051-204	mg/l	Y			0.040	0.075	0.1
KAFB-106051	GW051-204	mg/l	Y			0.096	0.15	0.2
KAFB-106051	GW051-204	mg/l	Y			0.20	0.38	0.5
KAFB-106051	GW051-204	mg/l	Y			0.24	0.50	1
KAFB-106051	GW051-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106051	GW051-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106051	GW051-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106051	GW051-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106051	GW051-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106051	GW051-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106051	GW051-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106051	GW051-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106051	GW051-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106051	GW051-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106051	GW051-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106051	GW051-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106051	GW051-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-604	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106051	GW051-604	mg/l	Y		D	15	45	50
KAFB-106051	GW051-604	mg/l	Y		D	10	15	20
KAFB-106051	GW051-604	mg/l	Y			0.080	0.18	0.2
KAFB-106051	GW051-604	mg/l	Y	J	J1	8.0	6.0	8
KAFB-106051	GW051-604	mg/l	Y			8.0	6.0	8
KAFB-106051	GW051-604	mg/l	N	U	U	8.0	6.0	8
KAFB-106051	GW051-604	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106051	GW051-604	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106051	GW051-604	mg/l	Y			0.040	0.075	0.1
KAFB-106051	GW051-604	mg/l	Y			0.096	0.15	0.2
KAFB-106051	GW051-604	mg/l	Y			0.20	0.38	0.5
KAFB-106051	GW051-604	mg/l	Y			0.24	0.50	1
KAFB-106051	GW051-604	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106051	GW051-604	mg/l	Y	J	J	0.00068	0.0016	0.002

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106051	GW051-604	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106051	GW051-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-604	ug/l	N	UJ	UQ	3.0	5.0	100
KAFB-106051	GW051-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106051	GW051-604	ug/l	N	UJ	UQ	0.30	1.0	20
KAFB-106051	GW051-604	ug/l	N	U	U	0.70	2.0	10
KAFB-106051	GW051-604	ug/l	N	U	U	0.50	1.0	10
KAFB-106051	GW051-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-604	ug/l	N	U	U	1.4	2.0	6
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106051	GW051-604	ug/l	N	U	U	0.40	1.0	5
KAFB-106051	GW051-604	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106051	GW051-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106051	GW051-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106051	GW051-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106051	GW051-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106051	GW051-604	ug/l	N	U	J	0.20	5.0	5
KAFB-106025	GW025-204	mg/l	Y		D	1.5	4.5	5
KAFB-106025	GW025-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106025	GW025-204	mg/l	Y		D	10	15	20
KAFB-106025	GW025-204	mg/l	Y			0.040	0.090	0.1
KAFB-106025	GW025-204	mg/l	Y			8.0	6.0	8
KAFB-106025	GW025-204	mg/l	Y			8.0	6.0	8
KAFB-106025	GW025-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106025	GW025-204	mg/l	Y			0.040	0.075	0.1
KAFB-106025	GW025-204	mg/l	Y			0.20	0.38	0.5
KAFB-106025	GW025-204	mg/l	Y			0.096	0.15	0.2
KAFB-106025	GW025-204	mg/l	Y			0.24	0.50	1
KAFB-106025	GW025-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106025	GW025-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106025	GW025-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106025	GW025-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106025	GW025-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106025	GW025-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106025	GW025-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106025	GW025-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106025	GW025-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106025	GW025-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106025	GW025-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106025	GW025-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106025	GW025-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106025	GW025-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106025	GW025-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106025	GW025-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106025	GW025-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106025	GW025-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106025	GW025-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106088	GW088-204	mg/l	Y		D	1.5	4.5	5
KAFB-106088	GW088-204	mg/l	Y		D	1.0	1.5	2
KAFB-106088	GW088-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106088	GW088-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106088	GW088-204	mg/l	Y			8.0	6.0	8
KAFB-106088	GW088-204	mg/l	Y			8.0	6.0	8
KAFB-106088	GW088-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106088	GW088-204	mg/l	Y			0.040	0.075	0.1
KAFB-106088	GW088-204	mg/l	Y			0.20	0.38	0.5
KAFB-106088	GW088-204	mg/l	Y			0.096	0.15	0.2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106088	GW088-204	mg/l	Y			0.24	0.50	1
KAFB-106088	GW088-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106088	GW088-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106088	GW088-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106088	GW088-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106088	GW088-204	ug/l	Y			0.0096	0.019	0.029
KAFB-106088	GW088-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106088	GW088-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106088	GW088-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106088	GW088-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106088	GW088-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106088	GW088-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	Y	J	J	0.70	2.0	20
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106088	GW088-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	UQ	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106088	GW088-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106088	GW088-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106088	GW088-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106088	GW088-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106088	GW088-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106088	GW088-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106048	GW048-204	mg/l	Y		D	1.5	4.5	5
KAFB-106048	GW048-204	mg/l	Y		D	1.0	1.5	2
KAFB-106048	GW048-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106048	GW048-204	mg/l	Y			0.040	0.090	0.1
KAFB-106048	GW048-204	mg/l	Y			8.0	6.0	8
KAFB-106048	GW048-204	mg/l	Y			8.0	6.0	8
KAFB-106048	GW048-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106048	GW048-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106048	GW048-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106048	GW048-204	mg/l	Y			0.040	0.075	0.1
KAFB-106048	GW048-204	mg/l	Y			0.096	0.15	0.2
KAFB-106048	GW048-204	mg/l	Y			0.20	0.38	0.5
KAFB-106048	GW048-204	mg/l	Y			0.24	0.50	1
KAFB-106048	GW048-204	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106048	GW048-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106048	GW048-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106048	GW048-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	UJ	UQ	3.0	5.0	100
KAFB-106048	GW048-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106048	GW048-204	ug/l	N	UJ	UQ	0.30	1.0	20
KAFB-106048	GW048-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106048	GW048-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106048	GW048-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106048	GW048-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.30	1.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106048	GW048-204	ug/l	N	U	J	0.20	5.0	5
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106048	GW048-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106048	GW048-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	UJ	UQ	0.70	2.0	20
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106048	GW048-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106048	GW048-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106048	GW048-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106048	GW048-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106048	GW048-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106048	GW048-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106048	GW048-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106048	GW048-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106072	GW072-204	mg/l	Y		D	1.5	4.5	5
KAFB-106072	GW072-204	mg/l	Y		D	1.0	1.5	2
KAFB-106072	GW072-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106072	GW072-204	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106072	GW072-204	mg/l	Y			8.0	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106072	GW072-204	mg/l	Y			8.0	6.0	8
KAFB-106072	GW072-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106072	GW072-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106072	GW072-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106072	GW072-204	mg/l	Y			0.040	0.075	0.1
KAFB-106072	GW072-204	mg/l	Y			0.096	0.15	0.2
KAFB-106072	GW072-204	mg/l	Y			0.20	0.38	0.5
KAFB-106072	GW072-204	mg/l	Y			0.24	0.50	1
KAFB-106072	GW072-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106072	GW072-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106072	GW072-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106072	GW072-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106072	GW072-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106072	GW072-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106072	GW072-204	ug/l	N	U	UM	0.50	1.0	10
KAFB-106072	GW072-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106072	GW072-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106072	GW072-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	Y	J	J	0.70	2.0	20
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106072	GW072-204	ug/l	N	UJ	UQ	0.30	0.50	1
KAFB-106072	GW072-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106072	GW072-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	UJ	UQ	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106072	GW072-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106072	GW072-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106072	GW072-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106072	GW072-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106072	GW072-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106072	GW072-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106081	GW081-204	mg/l	Y		D	1.5	4.5	5
KAFB-106081	GW081-204	mg/l	Y		D	1.0	1.5	2
KAFB-106081	GW081-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106081	GW081-204	mg/l	Y			0.040	0.090	0.1
KAFB-106081	GW081-204	mg/l	Y			8.0	6.0	8
KAFB-106081	GW081-204	mg/l	Y			8.0	6.0	8
KAFB-106081	GW081-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106081	GW081-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106081	GW081-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106081	GW081-204	mg/l	Y			0.040	0.075	0.1
KAFB-106081	GW081-204	mg/l	Y			0.096	0.15	0.2
KAFB-106081	GW081-204	mg/l	Y			0.20	0.38	0.5
KAFB-106081	GW081-204	mg/l	Y			0.24	0.50	1
KAFB-106081	GW081-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106081	GW081-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106081	GW081-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106081	GW081-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	UJ	UQ	3.0	5.0	100
KAFB-106081	GW081-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106081	GW081-204	ug/l	N	UJ	UQ	0.30	1.0	20
KAFB-106081	GW081-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106081	GW081-204	ug/l	N	U	U	0.50	1.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106081	GW081-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106081	GW081-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106081	GW081-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106081	GW081-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	UJ	UQ	0.70	2.0	20
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106081	GW081-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106081	GW081-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106081	GW081-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106081	GW081-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106081	GW081-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106081	GW081-204	ug/l	N	U	J	0.20	5.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106061	GW061-204	mg/l	Y		D	1.5	4.5	5
KAFB-106061	GW061-204	mg/l	Y		D	1.0	1.5	2
KAFB-106061	GW061-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106061	GW061-204	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106061	GW061-204	mg/l	Y			8.0	6.0	8
KAFB-106061	GW061-204	mg/l	Y			8.0	6.0	8
KAFB-106061	GW061-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106061	GW061-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106061	GW061-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106061	GW061-204	mg/l	Y			0.040	0.075	0.1
KAFB-106061	GW061-204	mg/l	Y			0.096	0.15	0.2
KAFB-106061	GW061-204	mg/l	Y			0.20	0.38	0.5
KAFB-106061	GW061-204	mg/l	Y			0.24	0.50	1
KAFB-106061	GW061-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106061	GW061-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106061	GW061-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106061	GW061-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	UJ	UQ	3.0	5.0	100
KAFB-106061	GW061-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106061	GW061-204	ug/l	N	UJ	UQ	0.30	1.0	20
KAFB-106061	GW061-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106061	GW061-204	ug/l	N	UJ	UQ	0.30	1.0	20
KAFB-106061	GW061-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106061	GW061-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106061	GW061-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106061	GW061-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106061	GW061-204	ug/l	N	U	J	0.20	5.0	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106061	GW061-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106061	GW061-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	UJ	UQ	0.70	2.0	20
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.30	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106061	GW061-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106061	GW061-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106061	GW061-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106061	GW061-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106061	GW061-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106069	GW069-204	mg/l	Y		D	1.5	4.5	5
KAFB-106069	GW069-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106069	GW069-204	mg/l	Y		D	10	15	20
KAFB-106069	GW069-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106069	GW069-204	mg/l	Y			8.0	6.0	8
KAFB-106069	GW069-204	mg/l	Y			8.0	6.0	8
KAFB-106069	GW069-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106069	GW069-204	mg/l	Y	J	J	0.041	0.10	0.21
KAFB-106069	GW069-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106069	GW069-204	mg/l	Y			0.040	0.075	0.1
KAFB-106069	GW069-204	mg/l	Y			0.20	0.38	0.5
KAFB-106069	GW069-204	mg/l	Y			0.24	0.50	1
KAFB-106069	GW069-204	mg/l	Y			0.096	0.15	0.2
KAFB-106069	GW069-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106069	GW069-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106069	GW069-204	ug/l	N	U	UMJ1	0.026	0.019	0.026
KAFB-106069	GW069-204	ug/l	N	U	UM	0.40	0.80	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106069	GW069-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106069	GW069-204	ug/l	Y	J	J	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106069	GW069-204	ug/l	N	UJ	UQ	3.0	5.0	100
KAFB-106069	GW069-204	ug/l	Y			0.30	0.50	1
KAFB-106069	GW069-204	ug/l	N	UJ	UQM	0.30	1.0	20
KAFB-106069	GW069-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106069	GW069-204	ug/l	N	U	UM	0.50	1.0	10
KAFB-106069	GW069-204	ug/l	N	U	UM	0.30	1.0	5
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106069	GW069-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106069	GW069-204	ug/l	N	U	J	0.20	5.0	5
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106069	GW069-204	ug/l	N	UJ	UQM	0.30	1.0	10
KAFB-106069	GW069-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	Y	J	JQ	0.70	2.0	20
KAFB-106069	GW069-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	Y	J	J	0.30	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106069	GW069-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	UJ	UQM	0.30	1.0	10
KAFB-106069	GW069-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106069	GW069-204	ug/l	Y			0.20	0.50	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106069	GW069-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106069	GW069-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106069	GW069-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106069	GW069-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106069	GW069-204	ug/l	N	U	U	1.0	2.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106069	GW069-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106069	GW069-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106069	GW069-204	ug/l	Y	J	J	0.30	1.0	5
KAFB-106069	GW069-204	ug/l	Y			0.20	0.50	5
KAFB-106069	GW069-204	ug/l	N	U	J	0.20	5.0	5
KAFB-106068	GW068-204	mg/l	Y		D	1.5	4.5	5
KAFB-106068	GW068-204	mg/l	Y		D	1.0	1.5	2
KAFB-106068	GW068-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106068	GW068-204	mg/l	Y			0.040	0.090	0.1
KAFB-106068	GW068-204	mg/l	Y			8.0	6.0	8
KAFB-106068	GW068-204	mg/l	Y			8.0	6.0	8
KAFB-106068	GW068-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106068	GW068-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106068	GW068-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106068	GW068-204	mg/l	Y			0.040	0.075	0.1
KAFB-106068	GW068-204	mg/l	Y			0.20	0.38	0.5
KAFB-106068	GW068-204	mg/l	Y			0.24	0.50	1
KAFB-106068	GW068-204	mg/l	Y			0.096	0.15	0.2
KAFB-106068	GW068-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106068	GW068-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106068	GW068-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106068	GW068-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106068	GW068-204	ug/l	N	UJ	UQ	3.0	5.0	100
KAFB-106068	GW068-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106068	GW068-204	ug/l	N	UJ	UQ	0.30	1.0	20
KAFB-106068	GW068-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106068	GW068-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106068	GW068-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106068	GW068-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106068	GW068-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106068	GW068-204	ug/l	N	UJ	UQ	0.70	2.0	20
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106068	GW068-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106068	GW068-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106068	GW068-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106068	GW068-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106068	GW068-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106068	GW068-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106068	GW068-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106068	GW068-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106068	GW068-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106068	GW068-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106068	GW068-204	ug/l	N	U	J	0.20	5.0	5
KAFB-106066	GW066-204	mg/l	Y		D	1.5	4.5	5
KAFB-106066	GW066-204	mg/l	Y		D	1.0	1.5	2
KAFB-106066	GW066-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106066	GW066-204	mg/l	Y			0.040	0.090	0.1
KAFB-106066	GW066-204	mg/l	Y			8.0	6.0	8
KAFB-106066	GW066-204	mg/l	Y			8.0	6.0	8
KAFB-106066	GW066-204	mg/l	N	U	U	8.0	6.0	8
KAFB-106066	GW066-204	mg/l	Y	J	J1	0.040	0.075	0.1
KAFB-106066	GW066-204	mg/l	Y			0.20	0.38	0.5
KAFB-106066	GW066-204	mg/l	Y	J	J1	0.24	0.50	1
KAFB-106066	GW066-204	mg/l	Y	J	J1	0.096	0.15	0.2
KAFB-106066	GW066-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106066	GW066-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106066	GW066-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106066	GW066-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106066	GW066-204	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106066	GW066-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	UJ	UQ	3.0	5.0	100
KAFB-106066	GW066-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106066	GW066-204	ug/l	N	UJ	UQ	0.30	1.0	20
KAFB-106066	GW066-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106066	GW066-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106066	GW066-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106066	GW066-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106066	GW066-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	UJ	UQ	0.70	2.0	20
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106066	GW066-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106066	GW066-204	ug/l	N	UJ	UQ	2.0	4.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106066	GW066-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106066	GW066-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106066	GW066-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106066	GW066-204	ug/l	N	U	J	0.20	5.0	5
KAFB-106017	GW017-204	mg/l	Y		D	1.5	4.5	5
KAFB-106017	GW017-204	mg/l	Y		D	1.0	1.5	2
KAFB-106017	GW017-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106017	GW017-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106017	GW017-204	mg/l	Y			2.6	6.0	8
KAFB-106017	GW017-204	mg/l	Y			2.6	6.0	8
KAFB-106017	GW017-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106017	GW017-204	mg/l	Y	J	J	0.041	0.10	0.21
KAFB-106017	GW017-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106017	GW017-204	mg/l	Y			0.040	0.075	0.1
KAFB-106017	GW017-204	mg/l	Y			0.24	0.50	1
KAFB-106017	GW017-204	mg/l	Y			0.096	0.15	0.2
KAFB-106017	GW017-204	mg/l	Y			0.20	0.38	0.5
KAFB-106017	GW017-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106017	GW017-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106017	GW017-204	ug/l	Y		M	0.0096	0.019	0.029
KAFB-106017	GW017-204	ug/l	N	U	UM	0.40	0.80	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-204	ug/l	N	U	UM	0.40	0.80	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106017	GW017-204	ug/l	Y			0.30	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106017	GW017-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106017	GW017-204	ug/l	N	U	UM	0.50	1.0	10
KAFB-106017	GW017-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106017	GW017-204	ug/l	N	U	J	0.20	5.0	5
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-204	ug/l	N	U	UM	0.30	1.0	10
KAFB-106017	GW017-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	Y	J	J	0.70	2.0	20
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	Y	J	JM	0.30	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	UM	0.30	1.0	10
KAFB-106017	GW017-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106017	GW017-204	ug/l	N	UJ	UQM	2.0	4.0	5
KAFB-106017	GW017-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106017	GW017-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106017	GW017-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106017	GW017-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106017	GW017-204	ug/l	Y	J	J	0.30	1.0	5
KAFB-106017	GW017-204	ug/l	Y			0.20	0.50	5
KAFB-106017	GW017-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106017	GW017-604	mg/l	Y		D	1.5	4.5	5
KAFB-106017	GW017-604	mg/l	Y		D	1.0	1.5	2
KAFB-106017	GW017-604	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106017	GW017-604	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106017	GW017-604	mg/l	Y			2.6	6.0	8
KAFB-106017	GW017-604	mg/l	Y			2.6	6.0	8
KAFB-106017	GW017-604	mg/l	N	U	U	2.6	6.0	8
KAFB-106017	GW017-604	mg/l	Y	J	J	0.041	0.10	0.21
KAFB-106017	GW017-604	mg/l	Y			0.0031	0.0052	0.01
KAFB-106017	GW017-604	mg/l	Y			0.040	0.075	0.1
KAFB-106017	GW017-604	mg/l	Y			0.24	0.50	1
KAFB-106017	GW017-604	mg/l	Y			0.096	0.15	0.2
KAFB-106017	GW017-604	mg/l	Y			0.20	0.38	0.5
KAFB-106017	GW017-604	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106017	GW017-604	mg/l	Y	J	J	0.00068	0.0016	0.002

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106017	GW017-604	ug/l	Y		M	0.0095	0.019	0.029
KAFB-106017	GW017-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	Y	J	J	0.20	0.50	5
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-604	ug/l	N	U	UM	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	3.0	5.0	100
KAFB-106017	GW017-604	ug/l	Y			0.30	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.30	1.0	20
KAFB-106017	GW017-604	ug/l	N	U	U	0.70	2.0	10
KAFB-106017	GW017-604	ug/l	N	U	UM	0.50	1.0	10
KAFB-106017	GW017-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	Y	J	J	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	1.4	2.0	6
KAFB-106017	GW017-604	ug/l	N	U	J	0.20	5.0	5
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	UM	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	UM	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-604	ug/l	N	U	UM	0.30	1.0	10
KAFB-106017	GW017-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	Y	J	J	0.70	2.0	20
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	Y	J	J	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	Y	J	JM	0.30	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-604	ug/l	N	U	U	1.0	2.0	4
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	Y	J	J	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	UM	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	UM	0.30	1.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106017	GW017-604	ug/l	N	U	UM	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	UM	0.20	0.50	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.40	1.0	5
KAFB-106017	GW017-604	ug/l	N	UJ	UQM	2.0	4.0	5
KAFB-106017	GW017-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106017	GW017-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106017	GW017-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106017	GW017-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106017	GW017-604	ug/l	N	U	UM	0.20	0.50	5
KAFB-106017	GW017-604	ug/l	Y	J	J	0.30	1.0	5
KAFB-106017	GW017-604	ug/l	Y			0.20	0.50	5
KAFB-106017	GW017-604	ug/l	N	U	UM	0.20	0.50	5
KAFB-106067	GW067-204	mg/l	Y		D	1.5	4.5	5
KAFB-106067	GW067-204	mg/l	Y		D	1.0	1.5	2
KAFB-106067	GW067-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106067	GW067-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106067	GW067-204	mg/l	Y			2.6	6.0	8
KAFB-106067	GW067-204	mg/l	Y			2.6	6.0	8
KAFB-106067	GW067-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106067	GW067-204	mg/l	Y			0.041	0.10	0.21
KAFB-106067	GW067-204	mg/l	Y	J	J1	0.0031	0.0052	0.01
KAFB-106067	GW067-204	mg/l	Y			0.040	0.075	0.1
KAFB-106067	GW067-204	mg/l	Y			0.20	0.38	0.5
KAFB-106067	GW067-204	mg/l	Y			0.096	0.15	0.2
KAFB-106067	GW067-204	mg/l	Y			0.24	0.50	1
KAFB-106067	GW067-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106067	GW067-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106067	GW067-204	ug/l	Y	J	JM	0.0096	0.019	0.029
KAFB-106067	GW067-204	ug/l	N	U	U	0.80	1.6	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	10
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	Y	J	JD	0.40	1.0	10
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	10
KAFB-106067	GW067-204	ug/l	Y	J	JD	0.40	1.0	10
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	10
KAFB-106067	GW067-204	ug/l	N	U	UM	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	6.0	10	200
KAFB-106067	GW067-204	ug/l	Y		D	0.60	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.60	2.0	40
KAFB-106067	GW067-204	ug/l	N	U	U	1.4	4.0	20
KAFB-106067	GW067-204	ug/l	N	U	UM	1.0	2.0	20
KAFB-106067	GW067-204	ug/l	Y	J	JD	0.60	2.0	10
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	10
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.60	2.0	10
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	2.8	4.0	12
KAFB-106067	GW067-204	ug/l	N	U	JD	0.40	10	10
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	2.0	4.0	10
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	10
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	10
KAFB-106067	GW067-204	ug/l	N	U	UM	0.60	2.0	20
KAFB-106067	GW067-204	ug/l	N	U	U	0.60	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	Y	J	JD	1.4	4.0	40
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	Y		D	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.60	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.60	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	10
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	Y	J	JD	0.60	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	10
KAFB-106067	GW067-204	ug/l	N	U	U	2.0	4.0	8
KAFB-106067	GW067-204	ug/l	N	U	UM	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	Y		D	0.40	1.0	2
KAFB-106067	GW067-204	ug/l	N	U	U	0.80	2.0	10
KAFB-106067	GW067-204	ug/l	N	UJ	UQ	4.0	8.0	10
KAFB-106067	GW067-204	ug/l	N	U	U	2.0	4.0	10
KAFB-106067	GW067-204	ug/l	Y	J	JD	0.80	1.6	2
KAFB-106067	GW067-204	ug/l	Y	J	JD	0.40	1.0	10
KAFB-106067	GW067-204	ug/l	N	U	U	0.40	1.0	10
KAFB-106067	GW067-204	ug/l	N	U	U	2.0	4.0	10
KAFB-106067	GW067-204	ug/l	N	U	UM	0.60	2.0	10
KAFB-106067	GW067-204	ug/l	Y		D	0.40	1.0	10
KAFB-106067	GW067-204	ug/l	Y		D	0.60	2.0	10
KAFB-106067	GW067-204	ug/l	Y		D	0.40	1.0	10
KAFB-106067	GW067-204	ug/l	Y		D	0.40	1.0	10
KAFB-106094	GW094-204	mg/l	Y		D	1.5	4.5	5
KAFB-106094	GW094-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106094	GW094-204	mg/l	Y		D	4.0	6.0	8
KAFB-106094	GW094-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106094	GW094-204	mg/l	Y			2.6	6.0	8
KAFB-106094	GW094-204	mg/l	Y			2.6	6.0	8
KAFB-106094	GW094-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106094	GW094-204	mg/l	Y			0.041	0.10	0.21
KAFB-106094	GW094-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106094	GW094-204	mg/l	Y			0.040	0.075	0.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106094	GW094-204	mg/l	Y			0.096	0.15	0.2
KAFB-106094	GW094-204	mg/l	Y			0.20	0.38	0.5
KAFB-106094	GW094-204	mg/l	Y			0.24	0.50	1
KAFB-106094	GW094-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106094	GW094-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106094	GW094-204	ug/l	Y		M	0.0096	0.019	0.029
KAFB-106094	GW094-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106094	GW094-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106094	GW094-204	ug/l	Y	J	JM	0.30	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106094	GW094-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106094	GW094-204	ug/l	N	U	UM	0.50	1.0	10
KAFB-106094	GW094-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106094	GW094-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106094	GW094-204	ug/l	N	U	J	0.20	5.0	5
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106094	GW094-204	ug/l	N	U	UM	0.30	1.0	10
KAFB-106094	GW094-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	Y	J	J	0.70	2.0	20
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	UM	0.30	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106094	GW094-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106094	GW094-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106094	GW094-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106094	GW094-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106094	GW094-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106094	GW094-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106094	GW094-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106094	GW094-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106094	GW094-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106094	GW094-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106094	GW094-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106094	GW094-204	ug/l	N	U	UM	0.30	1.0	5
KAFB-106094	GW094-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106094	GW094-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106065	GW065-204	mg/l	Y		D	1.5	4.5	5
KAFB-106065	GW065-204	mg/l	Y		D	1.0	1.5	2
KAFB-106065	GW065-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106065	GW065-204	mg/l	N	U	UJ1	0.040	0.090	0.1
KAFB-106065	GW065-204	mg/l	Y			2.6	6.0	8
KAFB-106065	GW065-204	mg/l	Y			2.6	6.0	8
KAFB-106065	GW065-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106065	GW065-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106065	GW065-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106065	GW065-204	mg/l	Y			0.040	0.075	0.1
KAFB-106065	GW065-204	mg/l	Y			0.20	0.38	0.5
KAFB-106065	GW065-204	mg/l	Y			0.096	0.15	0.2
KAFB-106065	GW065-204	mg/l	Y			0.24	0.50	1
KAFB-106065	GW065-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106065	GW065-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106065	GW065-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106065	GW065-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106065	GW065-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106065	GW065-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106065	GW065-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106065	GW065-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.30	1.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106065	GW065-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106065	GW065-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106065	GW065-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106065	GW065-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106065	GW065-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106065	GW065-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106065	GW065-204	ug/l	N	U	J	0.20	5.0	5
KAFB-106047	GW047-204	mg/l	Y		DM	1.5	4.5	5
KAFB-106047	GW047-204	mg/l	Y		D	1.0	1.5	2
KAFB-106047	GW047-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106047	GW047-204	mg/l	Y			0.040	0.090	0.1
KAFB-106047	GW047-204	mg/l	Y			2.6	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106047	GW047-204	mg/l	Y			2.6	6.0	8
KAFB-106047	GW047-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106047	GW047-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106047	GW047-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106047	GW047-204	mg/l	Y			0.040	0.075	0.1
KAFB-106047	GW047-204	mg/l	Y			0.20	0.38	0.5
KAFB-106047	GW047-204	mg/l	Y			0.096	0.15	0.2
KAFB-106047	GW047-204	mg/l	Y			0.24	0.50	1
KAFB-106047	GW047-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106047	GW047-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106047	GW047-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106047	GW047-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106047	GW047-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106047	GW047-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106047	GW047-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106047	GW047-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106047	GW047-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106047	GW047-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106047	GW047-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106047	GW047-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106047	GW047-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106047	GW047-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106047	GW047-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106047	GW047-204	ug/l	N	U	J	0.20	5.0	5
KAFB-106046	GW046-204	mg/l	Y		D	1.5	4.5	5
KAFB-106046	GW046-204	mg/l	Y		D	1.0	1.5	2
KAFB-106046	GW046-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106046	GW046-204	mg/l	Y			0.040	0.090	0.1
KAFB-106046	GW046-204	mg/l	Y			2.6	6.0	8
KAFB-106046	GW046-204	mg/l	Y			2.6	6.0	8
KAFB-106046	GW046-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106046	GW046-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106046	GW046-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106046	GW046-204	mg/l	Y			0.040	0.075	0.1
KAFB-106046	GW046-204	mg/l	Y			0.20	0.38	0.5
KAFB-106046	GW046-204	mg/l	Y			0.096	0.15	0.2
KAFB-106046	GW046-204	mg/l	Y			0.24	0.50	1
KAFB-106046	GW046-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106046	GW046-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106046	GW046-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106046	GW046-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106046	GW046-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106046	GW046-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106046	GW046-204	ug/l	N	U	U	0.50	1.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106046	GW046-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106046	GW046-204	ug/l	N	U	J	0.20	5.0	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106046	GW046-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	4
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106046	GW046-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106046	GW046-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106046	GW046-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106046	GW046-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106046	GW046-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106046	GW046-204	ug/l	N	U	J	0.20	5.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106062	GW062-204	mg/l	Y		D	1.5	4.5	5
KAFB-106062	GW062-204	mg/l	Y		D	1.0	1.5	2
KAFB-106062	GW062-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106062	GW062-204	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106062	GW062-204	mg/l	Y			2.6	6.0	8
KAFB-106062	GW062-204	mg/l	Y			2.6	6.0	8
KAFB-106062	GW062-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106062	GW062-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106062	GW062-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106062	GW062-204	mg/l	Y			0.040	0.075	0.1
KAFB-106062	GW062-204	mg/l	Y			0.20	0.38	0.5
KAFB-106062	GW062-204	mg/l	Y			0.096	0.15	0.2
KAFB-106062	GW062-204	mg/l	Y			0.24	0.50	1
KAFB-106062	GW062-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106062	GW062-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106062	GW062-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106062	GW062-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106062	GW062-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106062	GW062-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106062	GW062-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106062	GW062-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106062	GW062-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106062	GW062-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.30	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106062	GW062-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106062	GW062-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106062	GW062-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106062	GW062-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106062	GW062-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106078	GW078-204	mg/l	N	U	U	0.25	0.40	0.5
KAFB-106078	GW078-204	mg/l	Y		DM	1.5	4.5	5
KAFB-106078	GW078-204	mg/l	Y		D	1.0	1.5	2
KAFB-106078	GW078-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106078	GW078-204	mg/l	Y			2.6	6.0	8
KAFB-106078	GW078-204	mg/l	Y			2.6	6.0	8
KAFB-106078	GW078-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106078	GW078-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106078	GW078-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106078	GW078-204	mg/l	Y			0.040	0.075	0.1
KAFB-106078	GW078-204	mg/l	Y			0.20	0.38	0.5
KAFB-106078	GW078-204	mg/l	Y			0.096	0.15	0.2
KAFB-106078	GW078-204	mg/l	Y			0.24	0.50	1
KAFB-106078	GW078-204	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106078	GW078-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106078	GW078-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106078	GW078-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106078	GW078-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106078	GW078-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106078	GW078-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106078	GW078-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106078	GW078-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106078	GW078-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106078	GW078-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106078	GW078-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106078	GW078-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106078	GW078-204	ug/l	N	U	U	1.0	2.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106078	GW078-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106078	GW078-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106002	GW002-204	mg/l	Y		D	2.0	3.0	4
KAFB-106002	GW002-204	mg/l	Y		D	1.5	4.5	5
KAFB-106002	GW002-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106002	GW002-204	mg/l	Y			0.040	0.090	0.1
KAFB-106002	GW002-204	mg/l	Y			2.6	6.0	8
KAFB-106002	GW002-204	mg/l	Y			2.6	6.0	8
KAFB-106002	GW002-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106002	GW002-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106002	GW002-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106002	GW002-204	mg/l	Y			0.040	0.075	0.1
KAFB-106002	GW002-204	mg/l	Y			0.24	0.50	1
KAFB-106002	GW002-204	mg/l	Y			0.096	0.15	0.2
KAFB-106002	GW002-204	mg/l	Y			0.20	0.38	0.5
KAFB-106002	GW002-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106002	GW002-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106002	GW002-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106002	GW002-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106002	GW002-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106002	GW002-204	ug/l	N	UJ	UQ	0.70	2.0	10
KAFB-106002	GW002-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106002	GW002-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106002	GW002-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106002	GW002-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106002	GW002-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106002	GW002-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106002	GW002-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106002	GW002-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106002	GW002-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106060	GW060-204	mg/l	Y		D	1.5	4.5	5
KAFB-106060	GW060-204	mg/l	Y		D	1.0	1.5	2
KAFB-106060	GW060-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106060	GW060-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106060	GW060-204	mg/l	Y			2.6	6.0	8
KAFB-106060	GW060-204	mg/l	Y			2.6	6.0	8
KAFB-106060	GW060-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106060	GW060-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106060	GW060-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106060	GW060-204	mg/l	Y			0.040	0.075	0.1
KAFB-106060	GW060-204	mg/l	Y			0.096	0.15	0.2
KAFB-106060	GW060-204	mg/l	Y			0.20	0.38	0.5
KAFB-106060	GW060-204	mg/l	Y			0.24	0.50	1
KAFB-106060	GW060-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106060	GW060-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106060	GW060-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106060	GW060-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106060	GW060-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106060	GW060-204	ug/l	N	UJ	UQ	0.70	2.0	10
KAFB-106060	GW060-204	ug/l	N	U	UM	0.50	1.0	10
KAFB-106060	GW060-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106060	GW060-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106060	GW060-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106060	GW060-204	ug/l	N	U	U	2.0	4.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106060	GW060-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106060	GW060-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106060	GW060-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106149-484	GW149-484-204	mg/l	N	U	U	1.5	4.5	5
KAFB-106149-484	GW149-484-204	mg/l	Y		D	1.0	1.5	2
KAFB-106149-484	GW149-484-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106149-484	GW149-484-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106149-484	GW149-484-204	mg/l	Y			2.6	6.0	8
KAFB-106149-484	GW149-484-204	mg/l	Y			2.6	6.0	8
KAFB-106149-484	GW149-484-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106149-484	GW149-484-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106149-484	GW149-484-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106149-484	GW149-484-204	mg/l	Y			0.040	0.075	0.1
KAFB-106149-484	GW149-484-204	mg/l	Y			0.24	0.50	1
KAFB-106149-484	GW149-484-204	mg/l	Y			0.096	0.15	0.2
KAFB-106149-484	GW149-484-204	mg/l	Y			0.20	0.38	0.5
KAFB-106149-484	GW149-484-204	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106149-484	GW149-484-204	mg/l	Y			0.00068	0.0016	0.002
KAFB-106149-484	GW149-484-204	ug/l	Y		DM	1.9	3.8	5.8
KAFB-106149-484	GW149-484-204	ug/l	Y		D	2.0	4.0	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	UM	1.0	2.5	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	Y		D	1.0	2.5	25
KAFB-106149-484	GW149-484-204	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	UM	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	15	25	500
KAFB-106149-484	GW149-484-204	ug/l	N	U	UM	1.5	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.5	5.0	100
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	3.5	10	50
KAFB-106149-484	GW149-484-204	ug/l	Y	J	JD	2.5	5.0	50
KAFB-106149-484	GW149-484-204	ug/l	Y		D	1.5	5.0	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.5	5.0	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	Y			7.0	10	30
KAFB-106149-484	GW149-484-204	ug/l	N	U	UM	1.0	2.5	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	Y		D	5.0	10	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106149-484	GW149-484-204	ug/l	Y		D	1.5	5.0	50
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	Y	J	JD	3.5	10	100
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	Y		D	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	5.0	10	20
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	Y	J	JD	1.5	5.0	50
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	UM	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	2.0	5.0	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	UM	1.0	2.5	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	2.0	5.0	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	10	20	25
KAFB-106149-484	GW149-484-204	ug/l	Y		D	5.0	10	25
KAFB-106149-484	GW149-484-204	ug/l	Y		D	2.0	4.0	5
KAFB-106149-484	GW149-484-204	ug/l	N	U	UM	1.0	2.5	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106149-484	GW149-484-204	ug/l	Y		D	5.0	10	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	UM	1.5	5.0	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	UM	1.0	2.5	25
KAFB-106149-484	GW149-484-204	ug/l	N	U	UM	1.5	5.0	25
KAFB-106149-484	GW149-484-204	ug/l	Y		D	1.0	2.5	25
KAFB-106149-484	GW149-484-204	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106149-484	GW149-484-204	ug/l	Y		D	10	25	50
KAFB-106151-484	GW151-484-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106151-484	GW151-484-204	mg/l	Y		D	15	45	50
KAFB-106151-484	GW151-484-204	mg/l	Y		D	10	15	20
KAFB-106151-484	GW151-484-204	mg/l	Y			0.040	0.090	0.1
KAFB-106151-484	GW151-484-204	mg/l	Y			2.6	6.0	8
KAFB-106151-484	GW151-484-204	mg/l	Y			2.6	6.0	8
KAFB-106151-484	GW151-484-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106151-484	GW151-484-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106151-484	GW151-484-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106151-484	GW151-484-204	mg/l	Y			0.040	0.075	0.1
KAFB-106151-484	GW151-484-204	mg/l	Y			0.24	0.50	1
KAFB-106151-484	GW151-484-204	mg/l	Y			0.096	0.15	0.2
KAFB-106151-484	GW151-484-204	mg/l	Y			0.20	0.38	0.5
KAFB-106151-484	GW151-484-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106151-484	GW151-484-204	mg/l	N	U	U	0.00068	0.0016	0.002

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106151-484	GW151-484-204	ug/l	Y			0.0095	0.019	0.028
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106151-484	GW151-484-204	ug/l	N	U	UM	0.50	1.0	10
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	UM	0.30	1.0	10
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	Y	J	J	0.70	2.0	20
KAFB-106151-484	GW151-484-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	Y	J	JM	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	UJ	UQ	0.30	1.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106151-484	GW151-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106151-484	GW151-484-604	mg/l	Y		D	15	45	50
KAFB-106151-484	GW151-484-604	mg/l	Y		D	10	15	20
KAFB-106151-484	GW151-484-604	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106151-484	GW151-484-604	mg/l	Y			0.040	0.090	0.1
KAFB-106151-484	GW151-484-604	mg/l	Y			2.6	6.0	8
KAFB-106151-484	GW151-484-604	mg/l	Y			2.6	6.0	8
KAFB-106151-484	GW151-484-604	mg/l	N	U	U	2.6	6.0	8
KAFB-106151-484	GW151-484-604	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106151-484	GW151-484-604	mg/l	Y			0.0031	0.0052	0.01
KAFB-106151-484	GW151-484-604	mg/l	Y			0.040	0.075	0.1
KAFB-106151-484	GW151-484-604	mg/l	Y			0.24	0.50	1
KAFB-106151-484	GW151-484-604	mg/l	Y			0.096	0.15	0.2
KAFB-106151-484	GW151-484-604	mg/l	Y			0.20	0.38	0.5
KAFB-106151-484	GW151-484-604	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106151-484	GW151-484-604	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106151-484	GW151-484-604	ug/l	Y			0.0095	0.019	0.029
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	3.0	5.0	100
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.30	1.0	20
KAFB-106151-484	GW151-484-604	ug/l	N	UJ	UQ	0.70	2.0	10
KAFB-106151-484	GW151-484-604	ug/l	N	U	UM	0.50	1.0	10
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	1.4	2.0	6
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	UM	0.30	1.0	10
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	Y	J	J	0.70	2.0	20
KAFB-106151-484	GW151-484-604	ug/l	Y	J	J	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	Y	J	J	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	1.0	2.0	4
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.30	1.0	10
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.40	1.0	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	2.0	4.0	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.40	0.80	1
KAFB-106151-484	GW151-484-604	ug/l	N	U	UM	0.20	0.50	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	1.0	2.0	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106151-484	GW151-484-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106151-484	GW151-484-604	ug/l	Y	J	J	0.20	0.50	5
KAFB-106S1-447	GWS1-447-204	mg/l	N	U	U	1.5	4.5	5
KAFB-106S1-447	GWS1-447-204	mg/l	Y		D	1.3	2.0	2.5
KAFB-106S1-447	GWS1-447-204	mg/l	Y		D	2.0	3.0	4
KAFB-106S1-447	GWS1-447-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S1-447	GWS1-447-204	mg/l	Y			2.6	6.0	8
KAFB-106S1-447	GWS1-447-204	mg/l	Y			2.6	6.0	8
KAFB-106S1-447	GWS1-447-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106S1-447	GWS1-447-204	mg/l	Y			0.040	0.075	0.1
KAFB-106S1-447	GWS1-447-204	mg/l	Y			0.20	0.38	0.5
KAFB-106S1-447	GWS1-447-204	mg/l	Y			0.096	0.15	0.2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S1-447	GWS1-447-204	mg/l	Y			0.24	0.50	1
KAFB-106S1-447	GWS1-447-204	mg/l	Y			0.041	0.10	0.21
KAFB-106S1-447	GWS1-447-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S1-447	GWS1-447-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106S1-447	GWS1-447-204	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S1-447	GWS1-447-204	ug/l	Y		DM	0.48	0.96	1.4
KAFB-106S1-447	GWS1-447-204	ug/l	Y		D	40	80	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	UM	20	50	500
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	Y	J	JD	20	50	500
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	500
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	500
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	500
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	300	500	10000
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	UM	30	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	30	100	2000
KAFB-106S1-447	GWS1-447-204	ug/l	N	UJ	UQ	70	200	1000
KAFB-106S1-447	GWS1-447-204	ug/l	Y	J	JD	50	100	1000
KAFB-106S1-447	GWS1-447-204	ug/l	Y	J	JD	30	100	500
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	500
KAFB-106S1-447	GWS1-447-204	ug/l	Y		D	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	30	100	500
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	Y			140	200	600
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	Y		D	100	200	500
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	500
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	500
KAFB-106S1-447	GWS1-447-204	ug/l	Y		D	30	100	1000
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	30	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	Y		D	70	200	2000
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	Y		D	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	30	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	30	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	500
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	30	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	500
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	100	200	400
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	UJ	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	Y		D	30	100	1000
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	UM	20	50	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	40	100	500
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	200	400	500
KAFB-106S1-447	GWS1-447-204	ug/l	Y	J	JD	100	200	500
KAFB-106S1-447	GWS1-447-204	ug/l	Y		D	40	80	100
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	UM	20	50	500
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	500
KAFB-106S1-447	GWS1-447-204	ug/l	Y	J	JD	100	200	500
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	30	100	500
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	20	50	500
KAFB-106S1-447	GWS1-447-204	ug/l	N	U	U	30	100	500
KAFB-106S1-447	GWS1-447-204	ug/l	Y	J	JD	20	50	500
KAFB-106S1-447	GWS1-447-204	ug/l	Y	J	JD	20	50	500
KAFB-106153-484	GW153-484-204	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106153-484	GW153-484-204	mg/l	Y		D	1.0	1.5	2
KAFB-106153-484	GW153-484-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106153-484	GW153-484-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106153-484	GW153-484-204	mg/l	Y			2.6	6.0	8
KAFB-106153-484	GW153-484-204	mg/l	Y			2.6	6.0	8
KAFB-106153-484	GW153-484-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106153-484	GW153-484-204	mg/l	Y			0.040	0.075	0.1
KAFB-106153-484	GW153-484-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106153-484	GW153-484-204	mg/l	Y			0.040	0.075	0.1
KAFB-106153-484	GW153-484-204	mg/l	Y			0.20	0.38	0.5
KAFB-106153-484	GW153-484-204	mg/l	Y			0.096	0.15	0.2
KAFB-106153-484	GW153-484-204	mg/l	Y			0.24	0.50	1
KAFB-106153-484	GW153-484-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106153-484	GW153-484-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106153-484	GW153-484-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106153-484	GW153-484-204	mg/l	Y			0.00068	0.0016	0.002
KAFB-106153-484	GW153-484-204	ug/l	Y		D	1.9	3.8	5.7
KAFB-106153-484	GW153-484-204	ug/l	Y		D	8.0	16	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	UM	4.0	10	100
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	Y	J	JD	4.0	10	100
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	100
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	100
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	100
KAFB-106153-484	GW153-484-204	ug/l	Y		D	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	60	100	2000
KAFB-106153-484	GW153-484-204	ug/l	N	U	UM	6.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	6.0	20	400
KAFB-106153-484	GW153-484-204	ug/l	N	UJ	UQ	14	40	200
KAFB-106153-484	GW153-484-204	ug/l	Y		D	10	20	200
KAFB-106153-484	GW153-484-204	ug/l	Y	J	JD	6.0	20	100
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	100
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	6.0	20	100
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	Y			28	40	120
KAFB-106153-484	GW153-484-204	ug/l	Y	J	JD	4.0	10	100
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	Y		D	20	40	100
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	100
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	100
KAFB-106153-484	GW153-484-204	ug/l	Y		D	6.0	20	200
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	6.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	Y		D	14	40	400
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	6.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	6.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	UM	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	100
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	6.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	100
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	20	40	80
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	Y		D	6.0	20	200
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	UM	4.0	10	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	8.0	20	100
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	40	80	100
KAFB-106153-484	GW153-484-204	ug/l	Y		D	20	40	100
KAFB-106153-484	GW153-484-204	ug/l	Y		D	8.0	16	20
KAFB-106153-484	GW153-484-204	ug/l	N	U	UM	4.0	10	100
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	4.0	10	100
KAFB-106153-484	GW153-484-204	ug/l	Y		D	20	40	100
KAFB-106153-484	GW153-484-204	ug/l	N	U	UM	6.0	20	100
KAFB-106153-484	GW153-484-204	ug/l	N	U	UM	4.0	10	100
KAFB-106153-484	GW153-484-204	ug/l	N	U	U	6.0	20	100
KAFB-106153-484	GW153-484-204	ug/l	Y	J	JD	4.0	10	100
KAFB-106153-484	GW153-484-204	ug/l	Y		D	4.0	10	100
KAFB-106153-484	GW153-484-204	ug/l	Y		D	40	100	200
KAFB-106153-484	GW153-484-204	ug/l	Y		D	40	100	200
KAFB-106S8-451	GWS8-451-204	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106S8-451	GWS8-451-204	mg/l	Y		D	1.0	1.5	2
KAFB-106S8-451	GWS8-451-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106S8-451	GWS8-451-204	mg/l	N	U	U	0.04	0.09	0.1
KAFB-106S8-451	GWS8-451-204	mg/l	Y			2.6	6	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S8-451	GWS8-451-204	mg/l	Y			2.6	6	8
KAFB-106S8-451	GWS8-451-204	mg/l	N	U	U	2.6	6	8
KAFB-106S8-451	GWS8-451-204	mg/l	Y			0.04	0.075	0.1
KAFB-106S8-451	GWS8-451-204	mg/l	Y			0.24	0.5	1
KAFB-106S8-451	GWS8-451-204	mg/l	Y			0.096	0.15	0.2
KAFB-106S8-451	GWS8-451-204	mg/l	Y			0.2	0.38	0.5
KAFB-106S8-451	GWS8-451-204	mg/l	Y	J	J1	0.041	0.1	0.21
KAFB-106S8-451	GWS8-451-204	mg/l	Y	J	J1	0.0031	0.0052	0.01
KAFB-106S8-451	GWS8-451-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106S8-451	GWS8-451-204	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S8-451	GWS8-451-204	ug/l	Y	J	DMJ1	1.9	3.8	5.7
KAFB-106S8-451	GWS8-451-204	ug/l	Y		D	2	4	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	UM	1	2.5	25
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	Y	J	JD	1	2.5	25
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	25
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	25
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	25
KAFB-106S8-451	GWS8-451-204	ug/l	Y		D	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	15	25	500
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	UM	1.5	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1.5	5	100
KAFB-106S8-451	GWS8-451-204	ug/l	N	UJ	UQ	3.5	10	50
KAFB-106S8-451	GWS8-451-204	ug/l	Y		D	2.5	5	50
KAFB-106S8-451	GWS8-451-204	ug/l	Y	J	JD	1.5	5	25
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	25
KAFB-106S8-451	GWS8-451-204	ug/l	Y	J	J1D	1.0	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	25
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	Y			7	10	30
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	25
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	Y		D	5	10	25
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	25
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	25
KAFB-106S8-451	GWS8-451-204	ug/l	Y	J	J1D	1.5	5.0	50
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	Y		D	3.5	10	100
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	Y	J	J1D	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	25
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	25
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	5	10	20
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	UJ	U	1.0	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	Y		D	1.5	5	50
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	UM	1	2.5	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	2	5	25
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	10	20	25
KAFB-106S8-451	GWS8-451-204	ug/l	Y	J	JD	5	10	25
KAFB-106S8-451	GWS8-451-204	ug/l	Y	J	J1D	2.0	4.0	5
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	UM	1	2.5	25
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1	2.5	25
KAFB-106S8-451	GWS8-451-204	ug/l	Y	J	JD	5	10	25
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	UM	1.5	5	25
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	UM	1	2.5	25
KAFB-106S8-451	GWS8-451-204	ug/l	N	U	U	1.5	5	25
KAFB-106S8-451	GWS8-451-204	ug/l	Y	J	J1D	1.0	2.5	25
KAFB-106S8-451	GWS8-451-204	ug/l	Y		D	1	2.5	25
KAFB-106152-484	GW152-484-204	mg/l	Y		D	1.5	4.5	5
KAFB-106152-484	GW152-484-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106152-484	GW152-484-204	mg/l	Y		D	4.0	6.0	8
KAFB-106152-484	GW152-484-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106152-484	GW152-484-204	mg/l	Y			2.6	6.0	8
KAFB-106152-484	GW152-484-204	mg/l	Y			2.6	6.0	8
KAFB-106152-484	GW152-484-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106152-484	GW152-484-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106152-484	GW152-484-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106152-484	GW152-484-204	mg/l	Y			0.040	0.075	0.1
KAFB-106152-484	GW152-484-204	mg/l	Y			0.24	0.50	1
KAFB-106152-484	GW152-484-204	mg/l	Y			0.096	0.15	0.2
KAFB-106152-484	GW152-484-204	mg/l	Y			0.20	0.38	0.5
KAFB-106152-484	GW152-484-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106152-484	GW152-484-204	mg/l	Y			0.00068	0.0016	0.002
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106152-484	GW152-484-204	ug/l	Y			0.40	0.80	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106152-484	GW152-484-204	ug/l	N	U	UM	0.30	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106152-484	GW152-484-204	ug/l	N	UJ	UQ	0.70	2.0	10
KAFB-106152-484	GW152-484-204	ug/l	Y	J	J	0.50	1.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106152-484	GW152-484-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	Y			1.4	2.0	6
KAFB-106152-484	GW152-484-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106152-484	GW152-484-204	ug/l	Y	J	J	0.30	1.0	10
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	Y	J	J	0.70	2.0	20
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	Y			0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106152-484	GW152-484-204	ug/l	Y			1.0	2.0	5
KAFB-106152-484	GW152-484-204	ug/l	Y			0.40	0.80	1
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106152-484	GW152-484-204	ug/l	Y			1.0	2.0	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	UM	0.30	1.0	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106152-484	GW152-484-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106152-484	GW152-484-204	ug/l	Y			0.20	0.50	5
KAFB-106152-484	GW152-484-204	ug/l	Y			0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106024	GW024-204	mg/l	Y		D	1.5	4.5	5
KAFB-106024	GW024-204	mg/l	Y		D	1.0	1.5	2
KAFB-106024	GW024-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106024	GW024-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106024	GW024-204	mg/l	Y			2.6	6.0	8
KAFB-106024	GW024-204	mg/l	Y			2.6	6.0	8
KAFB-106024	GW024-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106024	GW024-204	mg/l	Y			0.040	0.075	0.1
KAFB-106024	GW024-204	mg/l	Y			0.20	0.38	0.5
KAFB-106024	GW024-204	mg/l	Y			0.096	0.15	0.2
KAFB-106024	GW024-204	mg/l	Y			0.24	0.50	1
KAFB-106024	GW024-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106024	GW024-204	mg/l	Y	J	J	0.0031	0.0052	0.01
KAFB-106024	GW024-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106024	GW024-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106024	GW024-204	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106024	GW024-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106024	GW024-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106024	GW024-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106024	GW024-204	ug/l	N	UJ	UQ	0.70	2.0	10
KAFB-106024	GW024-204	ug/l	N	U	UM	0.50	1.0	10
KAFB-106024	GW024-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106024	GW024-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.30	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106024	GW024-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	UJ	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106024	GW024-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106024	GW024-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106024	GW024-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106024	GW024-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S9-447	GWS9-447-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106S9-447	GWS9-447-204	mg/l	Y		D	15	45	50
KAFB-106S9-447	GWS9-447-204	mg/l	Y		D	10	15	20
KAFB-106S9-447	GWS9-447-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S9-447	GWS9-447-204	mg/l	Y			2.6	6.0	8
KAFB-106S9-447	GWS9-447-204	mg/l	Y			2.6	6.0	8
KAFB-106S9-447	GWS9-447-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106S9-447	GWS9-447-204	mg/l	Y			0.041	0.10	0.21
KAFB-106S9-447	GWS9-447-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S9-447	GWS9-447-204	mg/l	Y			0.040	0.075	0.1
KAFB-106S9-447	GWS9-447-204	mg/l	Y			0.20	0.38	0.5
KAFB-106S9-447	GWS9-447-204	mg/l	Y			0.24	0.50	1
KAFB-106S9-447	GWS9-447-204	mg/l	Y			0.096	0.15	0.2
KAFB-106S9-447	GWS9-447-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106S9-447	GWS9-447-204	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S9-447	GWS9-447-204	ug/l	Y	J	JM	0.0096	0.019	0.029
KAFB-106S9-447	GWS9-447-204	ug/l	Y			0.40	0.80	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	Y			0.20	0.50	5
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106S9-447	GWS9-447-204	ug/l	Y	J	J	0.30	1.0	5
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S9-447	GWS9-447-204	ug/l	Y			0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	Y			1.4	2.0	6
KAFB-106S9-447	GWS9-447-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	Y	J	J	1.0	2.0	5
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	UM	0.30	1.0	10
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	Y	J	J	0.70	2.0	20
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	Y			0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	Y			0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106S9-447	GWS9-447-204	ug/l	Y			1.0	2.0	5
KAFB-106S9-447	GWS9-447-204	ug/l	Y			0.40	0.80	1
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S9-447	GWS9-447-204	ug/l	Y			1.0	2.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S9-447	GWS9-447-204	ug/l	N	U	UM	0.30	1.0	5
KAFB-106S9-447	GWS9-447-204	ug/l	Y			0.20	0.50	5
KAFB-106S9-447	GWS9-447-204	ug/l	Y			0.20	0.50	5
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	Y	J	JD	6.0	20	200
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	UM	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	8.0	20	100
KAFB-106008	GW008-204	ug/l	N	U	U	40	80	100
KAFB-106008	GW008-204	ug/l	Y	J	JD	20	40	100
KAFB-106008	GW008-204	ug/l	Y		D	8.0	16	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-204	ug/l	Y	J	JD	20	40	100
KAFB-106008	GW008-204	ug/l	N	U	U	6.0	20	100
KAFB-106008	GW008-204	ug/l	N	U	UM	4.0	10	100
KAFB-106008	GW008-204	ug/l	N	U	U	6.0	20	100
KAFB-106008	GW008-204	ug/l	Y	J	JD	4.0	10	100
KAFB-106008	GW008-204	ug/l	Y	J	JD	4.0	10	100
KAFB-106008	GW008-204	ug/l	Y		D	40	100	200
KAFB-106008	GW008-604	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106008	GW008-604	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106008	GW008-604	mg/l	Y		D	5.0	7.5	10
KAFB-106008	GW008-604	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106008	GW008-604	mg/l	Y			2.6	6.0	8
KAFB-106008	GW008-604	mg/l	Y			2.6	6.0	8
KAFB-106008	GW008-604	mg/l	N	U	U	2.6	6.0	8
KAFB-106008	GW008-604	mg/l	Y			0.041	0.10	0.21
KAFB-106008	GW008-604	mg/l	Y			0.0031	0.0052	0.01
KAFB-106008	GW008-604	mg/l	Y			0.040	0.075	0.1
KAFB-106008	GW008-204	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106008	GW008-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106008	GW008-204	mg/l	Y		D	4.0	6.0	8
KAFB-106008	GW008-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106008	GW008-204	mg/l	Y			2.6	6.0	8
KAFB-106008	GW008-204	mg/l	Y			2.6	6.0	8
KAFB-106008	GW008-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106008	GW008-204	mg/l	Y			0.041	0.10	0.21
KAFB-106008	GW008-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106008	GW008-204	mg/l	Y			0.040	0.075	0.1
KAFB-106008	GW008-204	mg/l	Y			0.20	0.38	0.5
KAFB-106008	GW008-204	mg/l	Y			0.24	0.50	1
KAFB-106008	GW008-204	mg/l	Y			0.096	0.15	0.2
KAFB-106008	GW008-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106008	GW008-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106008	GW008-204	ug/l	Y		DM	0.96	1.9	2.9
KAFB-106008	GW008-204	ug/l	Y		D	8.0	16	20
KAFB-106008	GW008-204	ug/l	N	U	UM	4.0	10	100
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106008	GW008-204	ug/l	Y	J	JD	4.0	10	100
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-204	ug/l	N	U	UM	4.0	10	100
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-204	ug/l	N	U	UM	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	60	100	2000
KAFB-106008	GW008-204	ug/l	N	U	UM	6.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	6.0	20	400
KAFB-106008	GW008-204	ug/l	N	U	U	14	40	200
KAFB-106008	GW008-204	ug/l	Y		D	10	20	200
KAFB-106008	GW008-204	ug/l	Y	J	JD	6.0	20	100
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-204	ug/l	Y		D	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	6.0	20	100
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	Y			28	40	120
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	Y		D	20	40	100
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-204	ug/l	Y		D	6.0	20	200
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-204	ug/l	Y		D	6.0	20	200
KAFB-106008	GW008-204	ug/l	N	U	U	6.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	Y	J	JD	14	40	400
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	6.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	6.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	6.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-204	ug/l	N	U	U	20	40	80
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-204	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	mg/l	Y			0.20	0.38	0.5
KAFB-106008	GW008-604	mg/l	Y			0.24	0.50	1
KAFB-106008	GW008-604	mg/l	Y			0.096	0.15	0.2
KAFB-106008	GW008-604	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106008	GW008-604	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106008	GW008-604	ug/l	Y		DM	0.96	1.9	2.9
KAFB-106008	GW008-604	ug/l	Y		D	8.0	16	20
KAFB-106008	GW008-604	ug/l	N	U	UM	4.0	10	100
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106008	GW008-604	ug/l	Y	J	JD	4.0	10	100
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-604	ug/l	N	U	UM	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	60	100	2000
KAFB-106008	GW008-604	ug/l	N	U	UM	6.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	6.0	20	400
KAFB-106008	GW008-604	ug/l	N	U	U	14	40	200
KAFB-106008	GW008-604	ug/l	Y		D	10	20	200
KAFB-106008	GW008-604	ug/l	Y	J	JD	6.0	20	100
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-604	ug/l	Y		D	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	6.0	20	100
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	Y			28	40	120
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	Y		D	20	40	100
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-604	ug/l	Y		D	6.0	20	200
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-604	ug/l	Y		D	6.0	20	200
KAFB-106008	GW008-604	ug/l	N	U	U	6.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	Y	J	JD	14	40	400
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	6.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	6.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	6.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-604	ug/l	N	U	U	20	40	80
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	Y	J	JD	6.0	20	200
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	UM	4.0	10	20
KAFB-106008	GW008-604	ug/l	N	U	U	8.0	20	100
KAFB-106008	GW008-604	ug/l	N	U	U	40	80	100
KAFB-106008	GW008-604	ug/l	Y	J	JD	20	40	100

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106008	GW008-604	ug/l	Y		D	8.0	16	20
KAFB-106008	GW008-604	ug/l	N	U	UM	4.0	10	100
KAFB-106008	GW008-604	ug/l	N	U	U	4.0	10	100
KAFB-106008	GW008-604	ug/l	Y	J	JD	20	40	100
KAFB-106008	GW008-604	ug/l	N	U	U	6.0	20	100
KAFB-106008	GW008-604	ug/l	N	U	UM	4.0	10	100
KAFB-106008	GW008-604	ug/l	N	U	U	6.0	20	100
KAFB-106008	GW008-604	ug/l	Y	J	JD	4.0	10	100
KAFB-106008	GW008-604	ug/l	Y	J	JD	4.0	10	100
KAFB-106008	GW008-604	ug/l	Y		D	40	100	200
KAFB-106S4-446	GWS4-446-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106S4-446	GWS4-446-204	mg/l	Y	J	JD	150	450	500
KAFB-106S4-446	GWS4-446-204	mg/l	Y		D	100	150	200
KAFB-106S4-446	GWS4-446-204	mg/l	Y			0.20	0.45	0.5
KAFB-106S4-446	GWS4-446-204	mg/l	Y			2.6	6.0	8
KAFB-106S4-446	GWS4-446-204	mg/l	Y			2.6	6.0	8
KAFB-106S4-446	GWS4-446-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106S4-446	GWS4-446-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106S4-446	GWS4-446-204	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106S4-446	GWS4-446-204	mg/l	Y			0.040	0.075	0.1
KAFB-106S4-446	GWS4-446-204	mg/l	Y			0.20	0.38	0.5
KAFB-106S4-446	GWS4-446-204	mg/l	Y			0.24	0.50	1
KAFB-106S4-446	GWS4-446-204	mg/l	Y			0.096	0.15	0.2
KAFB-106S4-446	GWS4-446-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106S4-446	GWS4-446-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106S4-446	GWS4-446-204	ug/l	Y	J	J	0.0096	0.019	0.029
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S4-446	GWS4-446-204	ug/l	Y		M	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.70	2.0	20
KAFB-106S4-446	GWS4-446-204	ug/l	Y			0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	J	0.20	1.0	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106S4-446	GWS4-446-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106S3-449	GWS3-449-204	mg/l	N	U	U	1.5	4.5	5
KAFB-106S3-449	GWS3-449-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106S3-449	GWS3-449-204	mg/l	Y		D	5.0	7.5	10
KAFB-106S3-449	GWS3-449-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S3-449	GWS3-449-204	mg/l	Y			2.6	6.0	8
KAFB-106S3-449	GWS3-449-204	mg/l	Y			2.6	6.0	8
KAFB-106S3-449	GWS3-449-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106S3-449	GWS3-449-204	mg/l	Y			0.041	0.10	0.21
KAFB-106S3-449	GWS3-449-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S3-449	GWS3-449-204	mg/l	Y			0.040	0.075	0.1
KAFB-106S3-449	GWS3-449-204	mg/l	Y			0.20	0.38	0.5
KAFB-106S3-449	GWS3-449-204	mg/l	Y			0.24	0.50	1
KAFB-106S3-449	GWS3-449-204	mg/l	Y			0.096	0.15	0.2
KAFB-106S3-449	GWS3-449-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106S3-449	GWS3-449-204	mg/l	Y			0.00068	0.0016	0.002

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S3-449	GWS3-449-204	ug/l	Y		DM	0.19	0.38	0.58
KAFB-106S3-449	GWS3-449-204	ug/l	Y		D	0.80	1.6	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	UM	0.40	1.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	Y	J	JD	0.40	1.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	Y	J	JD	0.40	1.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	UM	0.40	1.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	UM	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	6.0	10	200
KAFB-106S3-449	GWS3-449-204	ug/l	Y		D	0.60	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.60	2.0	40
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	1.4	4.0	20
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	UM	1.0	2.0	20
KAFB-106S3-449	GWS3-449-204	ug/l	Y		D	0.60	2.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	Y		D	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.60	2.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	Y	J	JD	0.40	1.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	Y	J	JD	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	Y		D	2.0	4.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	Y	J	JD	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	Y		D	2.0	4.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	UJ	UQM	0.60	2.0	20
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.60	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	Y		D	1.4	4.0	40
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	Y		D	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.60	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.60	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	UJ	UQ	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	N	UJ	UQ	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	UJ	UQ	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.60	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	2.0	4.0	8
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	UM	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	Y	J	JD	0.60	2.0	20
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	UM	0.40	1.0	2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	UM	0.40	1.0	2
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.80	2.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	N	UJ	UQ	4.0	8.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	Y		D	2.0	4.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	UM	0.40	1.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	U	0.40	1.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	Y		D	2.0	4.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	UM	0.60	2.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	UM	0.40	1.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	N	U	UM	0.60	2.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	Y		D	0.40	1.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	Y		D	0.40	1.0	10
KAFB-106S3-449	GWS3-449-204	ug/l	Y			28	40	120
KAFB-106S3-449	GWS3-449-204	ug/l	Y		D	8.0	16	20
KAFB-106S2-451	GWS2-451-204	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106S2-451	GWS2-451-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106S2-451	GWS2-451-204	mg/l	Y		D	4.0	6.0	8
KAFB-106S2-451	GWS2-451-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S2-451	GWS2-451-204	mg/l	Y			2.6	6.0	8
KAFB-106S2-451	GWS2-451-204	mg/l	Y			2.6	6.0	8
KAFB-106S2-451	GWS2-451-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106S2-451	GWS2-451-204	mg/l	Y			0.041	0.10	0.21
KAFB-106S2-451	GWS2-451-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S2-451	GWS2-451-204	mg/l	Y			0.040	0.075	0.1
KAFB-106S2-451	GWS2-451-204	mg/l	Y			0.20	0.38	0.5
KAFB-106S2-451	GWS2-451-204	mg/l	Y			0.24	0.50	1
KAFB-106S2-451	GWS2-451-204	mg/l	Y			0.096	0.15	0.2
KAFB-106S2-451	GWS2-451-204	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106S2-451	GWS2-451-204	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S2-451	GWS2-451-204	ug/l	Y		D	1.9	3.9	5.8
KAFB-106S2-451	GWS2-451-204	ug/l	Y		D	2.0	4.0	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	UM	1.0	2.5	25
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106S2-451	GWS2-451-204	ug/l	Y		D	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	15	25	500
KAFB-106S2-451	GWS2-451-204	ug/l	Y		D	1.5	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.5	5.0	100
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	3.5	10	50
KAFB-106S2-451	GWS2-451-204	ug/l	Y		D	2.5	5.0	50
KAFB-106S2-451	GWS2-451-204	ug/l	Y	J	JD	1.5	5.0	25
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106S2-451	GWS2-451-204	ug/l	Y		D	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.5	5.0	25
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	Y			7.0	10	30
KAFB-106S2-451	GWS2-451-204	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	Y	J	JDM	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	Y		D	5.0	10	25
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106S2-451	GWS2-451-204	ug/l	Y	J	QD	1.5	5.0	50
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	Y		D	3.5	10	100
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	Y		D	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	UJ	UQ	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	UM	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106S2-451	GWS2-451-204	ug/l	N	UJ	UQ	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	UJ	UQ	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	5.0	10	20
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	UM	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	UM	1.0	2.5	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	2.0	5.0	25
KAFB-106S2-451	GWS2-451-204	ug/l	N	UJ	UQ	10	20	25
KAFB-106S2-451	GWS2-451-204	ug/l	Y		D	5.0	10	25
KAFB-106S2-451	GWS2-451-204	ug/l	Y		D	2.0	4.0	5
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	UM	1.0	2.5	25
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106S2-451	GWS2-451-204	ug/l	Y		D	5.0	10	25
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	U	1.5	5.0	25
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	UM	1.0	2.5	25
KAFB-106S2-451	GWS2-451-204	ug/l	N	U	UM	1.5	5.0	25
KAFB-106S2-451	GWS2-451-204	ug/l	Y		D	1.0	2.5	25
KAFB-106S2-451	GWS2-451-204	ug/l	Y		D	1.0	2.5	25
KAFB-106S7-451	GWS7-451-204	mg/l	Y		D	2.0	3.0	4
KAFB-106S7-451	GWS7-451-204	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106S7-451	GWS7-451-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106S7-451	GWS7-451-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S7-451	GWS7-451-204	mg/l	Y			2.6	6.0	8
KAFB-106S7-451	GWS7-451-204	mg/l	Y			2.6	6.0	8
KAFB-106S7-451	GWS7-451-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106S7-451	GWS7-451-204	mg/l	Y	J	J	0.041	0.10	0.21
KAFB-106S7-451	GWS7-451-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S7-451	GWS7-451-204	mg/l	Y			0.040	0.075	0.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S7-451	GWS7-451-204	mg/l	Y			0.20	0.38	0.5
KAFB-106S7-451	GWS7-451-204	mg/l	Y			0.24	0.50	1
KAFB-106S7-451	GWS7-451-204	mg/l	Y			0.096	0.15	0.2
KAFB-106S7-451	GWS7-451-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106S7-451	GWS7-451-204	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S7-451	GWS7-451-204	ug/l	Y		D	1.9	3.8	5.8
KAFB-106S7-451	GWS7-451-204	ug/l	Y		D	2.0	4.0	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	UM	1.0	2.5	25
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	Y		D	1.0	2.5	25
KAFB-106S7-451	GWS7-451-204	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	UM	1.0	2.5	25
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106S7-451	GWS7-451-204	ug/l	Y		D	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	15	25	500
KAFB-106S7-451	GWS7-451-204	ug/l	Y	J	JD	1.5	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.5	5.0	100
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	3.5	10	50
KAFB-106S7-451	GWS7-451-204	ug/l	Y	J	JD	2.5	5.0	50
KAFB-106S7-451	GWS7-451-204	ug/l	Y		D	1.5	5.0	25
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.5	5.0	25
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	Y			7.0	10	30
KAFB-106S7-451	GWS7-451-204	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	Y		D	5.0	10	25
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	UM	1.5	5.0	50
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	Y	J	JDM	3.5	10	100
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	Y		D	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	UM	1.5	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	5.0	10	20
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	UM	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	Y	J	JQD	1.5	5.0	50
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	UM	1.0	2.5	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	2.0	5.0	25
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	10	20	25
KAFB-106S7-451	GWS7-451-204	ug/l	Y		D	5.0	10	25
KAFB-106S7-451	GWS7-451-204	ug/l	Y		D	2.0	4.0	5
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106S7-451	GWS7-451-204	ug/l	Y		D	5.0	10	25
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.5	5.0	25
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	UM	1.0	2.5	25
KAFB-106S7-451	GWS7-451-204	ug/l	N	U	U	1.5	5.0	25
KAFB-106S7-451	GWS7-451-204	ug/l	Y		D	1.0	2.5	25
KAFB-106S7-451	GWS7-451-204	ug/l	Y		D	1.0	2.5	25
KAFB-106S7-451	GWS7-451-204	ug/l	Y		D	10	25	50
KAFB-106010	GW010-604	ug/l	N	UJ	UQ	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	25
KAFB-106010	GW010-604	ug/l	N	UJ	UQ	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	UJ	UQ	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.5	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	25
KAFB-106010	GW010-604	ug/l	N	U	U	5.0	10	20
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	25
KAFB-106010	GW010-604	ug/l	N	U	U	5.0	10	20
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	Y	J	JD	1.5	5.0	50
KAFB-106010	GW010-604	ug/l	N	U	UM	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	UM	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	2.0	5.0	25
KAFB-106010	GW010-604	ug/l	N	UJ	U	10	20	25
KAFB-106010	GW010-604	ug/l	Y		D	5.0	10	25
KAFB-106010	GW010-604	ug/l	Y		D	2.0	4.0	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	25
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	25
KAFB-106010	GW010-604	ug/l	Y		D	5.0	10	25
KAFB-106010	GW010-604	ug/l	N	U	U	1.5	5.0	25
KAFB-106010	GW010-604	ug/l	N	U	UM	1.0	2.5	25
KAFB-106010	GW010-604	ug/l	N	U	UM	1.5	5.0	25
KAFB-106010	GW010-604	ug/l	Y		D	1.0	2.5	25
KAFB-106010	GW010-604	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106010	GW010-604	ug/l	Y		D	10	25	50
KAFB-106010	GW010-204	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106010	GW010-204	mg/l	Y		D	1.0	1.5	2
KAFB-106010	GW010-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106010	GW010-204	mg/l	N	U	U	0.040	0.090	0.1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106010	GW010-204	mg/l	Y			2.6	6.0	8
KAFB-106010	GW010-204	mg/l	Y			2.6	6.0	8
KAFB-106010	GW010-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106010	GW010-204	mg/l	Y			0.040	0.075	0.1
KAFB-106010	GW010-204	mg/l	Y			0.20	0.38	0.5
KAFB-106010	GW010-204	mg/l	Y			0.24	0.50	1
KAFB-106010	GW010-204	mg/l	Y			0.096	0.15	0.2
KAFB-106010	GW010-204	mg/l	Y			0.041	0.10	0.21
KAFB-106010	GW010-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106010	GW010-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106010	GW010-204	mg/l	N	U	UQ	0.00068	0.0016	0.002
KAFB-106010	GW010-204	ug/l	Y		DM	0.48	0.96	1.4
KAFB-106010	GW010-204	ug/l	Y		D	4.0	8.0	10
KAFB-106010	GW010-204	ug/l	N	U	UM	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	Y	J	JD	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	30	50	1000
KAFB-106010	GW010-204	ug/l	N	U	UM	3.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	3.0	10	200
KAFB-106010	GW010-204	ug/l	N	U	U	7.0	20	100
KAFB-106010	GW010-204	ug/l	N	U	UM	5.0	10	100
KAFB-106010	GW010-204	ug/l	Y	J	JD	3.0	10	50
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	N	U	U	3.0	10	50
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	Y			14	20	60
KAFB-106010	GW010-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	Y		D	10	20	50
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	N	UJ	UQM	3.0	10	100
KAFB-106010	GW010-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	Y	J	JD	7.0	20	200
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	Y		D	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	UJ	UQ	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	N	UJ	UQ	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	UJ	UQ	2.0	5.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106010	GW010-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	N	U	U	10	20	40
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	3.0	10	100
KAFB-106010	GW010-204	ug/l	N	U	UM	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	UM	2.0	5.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	4.0	10	50
KAFB-106010	GW010-204	ug/l	N	UJ	U	20	40	50
KAFB-106010	GW010-204	ug/l	Y	J	JD	10	20	50
KAFB-106010	GW010-204	ug/l	Y		D	4.0	8.0	10
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	Y	J	JD	10	20	50
KAFB-106010	GW010-204	ug/l	N	U	U	3.0	10	50
KAFB-106010	GW010-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	N	U	U	3.0	10	50
KAFB-106010	GW010-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106010	GW010-204	ug/l	Y		D	20	50	100
KAFB-106010	GW010-604	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106010	GW010-604	mg/l	Y		D	1.0	1.5	2
KAFB-106010	GW010-604	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106010	GW010-604	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106010	GW010-604	mg/l	Y			2.6	6.0	8
KAFB-106010	GW010-604	mg/l	Y			2.6	6.0	8
KAFB-106010	GW010-604	mg/l	N	U	U	2.6	6.0	8
KAFB-106010	GW010-604	mg/l	Y			0.040	0.075	0.1
KAFB-106010	GW010-604	mg/l	Y			0.20	0.38	0.5
KAFB-106010	GW010-604	mg/l	Y			0.24	0.50	1
KAFB-106010	GW010-604	mg/l	Y			0.096	0.15	0.2
KAFB-106010	GW010-604	mg/l	Y			0.041	0.10	0.21
KAFB-106010	GW010-604	mg/l	Y			0.0031	0.0052	0.01
KAFB-106010	GW010-604	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106010	GW010-604	mg/l	N	U	UQ	0.00068	0.0016	0.002
KAFB-106010	GW010-604	ug/l	Y		DM	0.48	0.96	1.4
KAFB-106010	GW010-604	ug/l	Y		D	2.0	4.0	5
KAFB-106010	GW010-604	ug/l	N	U	UM	1.0	2.5	25
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106010	GW010-604	ug/l	N	U	UM	1.0	2.5	25
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	25
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	25
KAFB-106010	GW010-604	ug/l	Y		D	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	15	25	500
KAFB-106010	GW010-604	ug/l	N	U	UM	1.5	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.5	5.0	100
KAFB-106010	GW010-604	ug/l	N	U	U	3.5	10	50

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106010	GW010-604	ug/l	N	U	U	2.5	5.0	50
KAFB-106010	GW010-604	ug/l	Y	J	JD	1.5	5.0	25
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	25
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.5	5.0	25
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	Y			7.0	10	30
KAFB-106010	GW010-604	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	Y		D	5.0	10	25
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	25
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	25
KAFB-106010	GW010-604	ug/l	N	UJ	UQM	1.5	5.0	50
KAFB-106010	GW010-604	ug/l	N	U	U	1.5	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	Y	J	JD	3.5	10	100
KAFB-106010	GW010-604	ug/l	N	U	U	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	Y		D	1.0	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.5	2.5	5
KAFB-106010	GW010-604	ug/l	N	U	U	1.5	2.5	5
KAFB-106S5-446	GWS5-446-204	mg/l	N	U	U	1.5	4.5	5
KAFB-106S5-446	GWS5-446-204	mg/l	Y		D	1.0	1.5	2
KAFB-106S5-446	GWS5-446-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106S5-446	GWS5-446-204	mg/l	Y		D	1.0	1.5	2
KAFB-106S5-446	GWS5-446-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106S5-446	GWS5-446-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S5-446	GWS5-446-204	mg/l	Y			2.6	6.0	8
KAFB-106S5-446	GWS5-446-204	mg/l	Y			2.6	6.0	8
KAFB-106S5-446	GWS5-446-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106S5-446	GWS5-446-204	mg/l	Y			0.041	0.10	0.21
KAFB-106S5-446	GWS5-446-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S5-446	GWS5-446-204	mg/l	Y			0.040	0.075	0.1
KAFB-106S5-446	GWS5-446-204	mg/l	Y			0.20	0.38	0.5
KAFB-106S5-446	GWS5-446-204	mg/l	Y			0.24	0.50	1
KAFB-106S5-446	GWS5-446-204	mg/l	Y			0.096	0.15	0.2
KAFB-106S5-446	GWS5-446-204	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106S5-446	GWS5-446-204	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S5-446	GWS5-446-204	ug/l	Y		DM	0.48	0.97	1.5
KAFB-106S5-446	GWS5-446-204	ug/l	Y		D	4.0	8.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	UM	2.0	5.0	50
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	Y		D	2.0	5.0	50
KAFB-106S5-446	GWS5-446-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-204	ug/l	Y	J	JD	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	30	50	1000
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	3.0	10	200
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	7.0	20	100
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	UM	5.0	10	100

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S5-446	GWS5-446-204	ug/l	Y		D	3.0	10	50
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	3.0	10	50
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	Y			14	20	60
KAFB-106S5-446	GWS5-446-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	Y		D	10	20	50
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	UM	3.0	10	100
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	Y	J	JD	7.0	20	200
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	Y		D	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	UM	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	UJ	UQ	3.0	10	100
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	UM	2.0	5.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	4.0	10	50
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	20	40	50
KAFB-106S5-446	GWS5-446-204	ug/l	Y		D	10	20	50
KAFB-106S5-446	GWS5-446-204	ug/l	Y		D	4.0	8.0	10
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-204	ug/l	Y		D	10	20	50
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	3.0	10	50
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	UM	2.0	5.0	50
KAFB-106S5-446	GWS5-446-204	ug/l	N	U	U	3.0	10	50
KAFB-106S5-446	GWS5-446-204	ug/l	Y		D	2.0	5.0	50
KAFB-106S5-446	GWS5-446-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106S5-446	GWS5-446-204	ug/l	Y		D	20	50	100

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S5-446	GWS5-446-604	mg/l	N	U	U	1.5	4.5	5
KAFB-106S5-446	GWS5-446-604	mg/l	Y		D	1.0	1.5	2
KAFB-106S5-446	GWS5-446-604	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106S5-446	GWS5-446-604	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S5-446	GWS5-446-604	mg/l	Y			2.6	6.0	8
KAFB-106S5-446	GWS5-446-604	mg/l	Y			2.6	6.0	8
KAFB-106S5-446	GWS5-446-604	mg/l	N	U	U	2.6	6.0	8
KAFB-106S5-446	GWS5-446-604	mg/l	Y			0.041	0.10	0.21
KAFB-106S5-446	GWS5-446-604	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S5-446	GWS5-446-604	mg/l	Y			0.040	0.075	0.1
KAFB-106S5-446	GWS5-446-604	mg/l	Y			0.20	0.38	0.5
KAFB-106S5-446	GWS5-446-604	mg/l	Y			0.24	0.50	1
KAFB-106S5-446	GWS5-446-604	mg/l	Y			0.096	0.15	0.2
KAFB-106S5-446	GWS5-446-604	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106S5-446	GWS5-446-604	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S5-446	GWS5-446-604	ug/l	Y		DM	0.48	0.96	1.4
KAFB-106S5-446	GWS5-446-604	ug/l	Y		D	4.0	8.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	UM	2.0	5.0	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	Y		D	2.0	5.0	50
KAFB-106S5-446	GWS5-446-604	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-604	ug/l	Y	J	JD	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	30	50	1000
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	UM	3.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	3.0	10	200
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	UM	3.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	3.0	10	200
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	7.0	20	100
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	UM	5.0	10	100
KAFB-106S5-446	GWS5-446-604	ug/l	Y		D	3.0	10	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	3.0	10	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	Y			14	20	60
KAFB-106S5-446	GWS5-446-604	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	Y		D	10	20	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	UM	3.0	10	100
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	3.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	Y	J	JD	7.0	20	200
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	Y		D	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	3.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	3.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	3.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	10	20	40
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	UM	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	UJ	UQ	3.0	10	100
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	UM	2.0	5.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	4.0	10	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	20	40	50
KAFB-106S5-446	GWS5-446-604	ug/l	Y		D	10	20	50
KAFB-106S5-446	GWS5-446-604	ug/l	Y		D	4.0	8.0	10
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	2.0	5.0	50
KAFB-106S5-446	GWS5-446-604	ug/l	Y		D	10	20	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	3.0	10	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	UM	2.0	5.0	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	3.0	10	50
KAFB-106S5-446	GWS5-446-604	ug/l	Y		D	2.0	5.0	50
KAFB-106S5-446	GWS5-446-604	ug/l	N	U	U	3.0	10	50
KAFB-106S5-446	GWS5-446-604	ug/l	Y		D	2.0	5.0	50
KAFB-106S5-446	GWS5-446-604	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106S5-446	GWS5-446-604	ug/l	Y		D	20	50	100
KAFB-106028	GW028-204	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106028	GW028-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106028	GW028-204	mg/l	Y		D	2.0	3.0	4
KAFB-106028	GW028-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106028	GW028-204	mg/l	Y			2.6	6.0	8
KAFB-106028	GW028-204	mg/l	Y			2.6	6.0	8
KAFB-106028	GW028-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106028	GW028-204	mg/l	Y	J	J1	0.041	0.10	0.21
KAFB-106028	GW028-204	mg/l	Y	J	J1	0.0031	0.0052	0.01
KAFB-106028	GW028-204	mg/l	Y	J	J1	0.040	0.075	0.1
KAFB-106028	GW028-204	mg/l	Y			0.20	0.38	0.5
KAFB-106028	GW028-204	mg/l	Y	J	J1	0.24	0.50	1
KAFB-106028	GW028-204	mg/l	Y	J	J1	0.096	0.15	0.2
KAFB-106028	GW028-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106028	GW028-204	mg/l	N	U	UQ	0.00068	0.0016	0.002
KAFB-106028	GW028-204	ug/l	Y		DMJ1	1.9	3.8	5.7
KAFB-106028	GW028-204	ug/l	Y		D	4.0	8.0	10
KAFB-106028	GW028-204	ug/l	N	U	UM	2.0	5.0	50
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106028	GW028-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106028	GW028-204	ug/l	Y		D	2.0	5.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106028	GW028-204	ug/l	N	U	U	30	50	1000
KAFB-106028	GW028-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	3.0	10	200
KAFB-106028	GW028-204	ug/l	N	U	U	7.0	20	100
KAFB-106028	GW028-204	ug/l	Y	J	JD	5.0	10	100
KAFB-106028	GW028-204	ug/l	Y	J	JD	3.0	10	50
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	3.0	10	50
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	Y			14	20	60
KAFB-106028	GW028-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	UM	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	Y		D	10	20	50
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106028	GW028-204	ug/l	N	UJ	UQM	3.0	10	100
KAFB-106028	GW028-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	UM	7.0	20	200
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	UJ	UQ	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	UJ	UQ	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	UM	3.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106028	GW028-204	ug/l	N	U	U	10	20	40
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	Y	J	JD	3.0	10	100
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	UM	2.0	5.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	4.0	10	50
KAFB-106028	GW028-204	ug/l	N	UJ	UQ	20	40	50
KAFB-106028	GW028-204	ug/l	Y		D	10	20	50
KAFB-106028	GW028-204	ug/l	Y		D	4.0	8.0	10
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106028	GW028-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106028	GW028-204	ug/l	Y		D	10	20	50
KAFB-106028	GW028-204	ug/l	N	U	U	3.0	10	50
KAFB-106028	GW028-204	ug/l	N	U	UM	2.0	5.0	50

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106028	GW028-204	ug/l	N	U	UM	3.0	10	50
KAFB-106028	GW028-204	ug/l	Y		D	2.0	5.0	50
KAFB-106028	GW028-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106028	GW028-204	ug/l	Y	J	J1D	20	50	100
KAFB-106028	GW028-204	ug/l	Y	J	J1D	20	50	100
KAFB-106075	GW075-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106075	GW075-204	mg/l	Y		D	30	90	100
KAFB-106075	GW075-204	mg/l	Y		D	20	30	40
KAFB-106075	GW075-204	mg/l	Y			0.20	0.45	0.5
KAFB-106075	GW075-204	mg/l	Y			2.6	6.0	8
KAFB-106075	GW075-204	mg/l	Y			2.6	6.0	8
KAFB-106075	GW075-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106075	GW075-204	mg/l	Y			0.040	0.075	0.1
KAFB-106075	GW075-204	mg/l	Y			0.20	0.38	0.5
KAFB-106075	GW075-204	mg/l	Y			0.24	0.50	1
KAFB-106075	GW075-204	mg/l	Y			0.096	0.15	0.2
KAFB-106075	GW075-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106075	GW075-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106075	GW075-204	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106075	GW075-204	mg/l	N	U	UQ	0.00068	0.0016	0.002
KAFB-106075	GW075-204	ug/l	Y	J	J	0.0096	0.019	0.029
KAFB-106075	GW075-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106075	GW075-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106075	GW075-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106075	GW075-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106075	GW075-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106075	GW075-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106075	GW075-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106075	GW075-204	ug/l	N	UJ	UQM	0.30	1.0	10
KAFB-106075	GW075-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106075	GW075-204	ug/l	Y	J	J	0.70	2.0	20
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106075	GW075-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106075	GW075-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106075	GW075-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106075	GW075-204	ug/l	N	UJ	U	2.0	4.0	5
KAFB-106075	GW075-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106075	GW075-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106075	GW075-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106075	GW075-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106075	GW075-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106075	GW075-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106075	GW075-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106075	GW075-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106005	GW005-204	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106005	GW005-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106005	GW005-204	mg/l	Y		D	20	30	40
KAFB-106005	GW005-204	mg/l	Y	J	JJ1	0.040	0.090	0.1
KAFB-106005	GW005-204	mg/l	Y			2.6	6.0	8
KAFB-106005	GW005-204	mg/l	Y			2.6	6.0	8
KAFB-106005	GW005-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106005	GW005-204	mg/l	Y			0.040	0.075	0.1
KAFB-106005	GW005-204	mg/l	Y			0.20	0.38	0.5
KAFB-106005	GW005-204	mg/l	Y			0.24	0.50	1
KAFB-106005	GW005-204	mg/l	Y			0.096	0.15	0.2
KAFB-106005	GW005-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106005	GW005-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106005	GW005-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106005	GW005-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106005	GW005-204	ug/l	Y		DM	0.048	0.096	0.14
KAFB-106005	GW005-204	ug/l	Y		D	2.0	4.0	5
KAFB-106005	GW005-204	ug/l	N	U	UM	1.0	2.5	25
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106005	GW005-204	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106005	GW005-204	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	15	25	500
KAFB-106005	GW005-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	UM	1.5	5.0	100
KAFB-106005	GW005-204	ug/l	N	U	U	3.5	10	50
KAFB-106005	GW005-204	ug/l	N	U	U	2.5	5.0	50
KAFB-106005	GW005-204	ug/l	Y		D	1.5	5.0	25
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106005	GW005-204	ug/l	Y		D	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.5	5.0	25
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	Y			7.0	10	30
KAFB-106005	GW005-204	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	Y		D	5.0	10	25
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106005	GW005-204	ug/l	N	UJ	UQM	1.5	5.0	50
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	Y	J	JD	3.5	10	100
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	Y		D	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106005	GW005-204	ug/l	N	UJ	UQ	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106005	GW005-204	ug/l	N	UJ	UQ	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	UJ	UQ	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106005	GW005-204	ug/l	N	U	U	5.0	10	20
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	Y	J	JD	1.5	5.0	50
KAFB-106005	GW005-204	ug/l	N	U	UM	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	UM	1.0	2.5	5
KAFB-106005	GW005-204	ug/l	N	U	U	2.0	5.0	25
KAFB-106005	GW005-204	ug/l	N	UJ	U	10	20	25

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106005	GW005-204	ug/l	Y		D	5.0	10	25
KAFB-106005	GW005-204	ug/l	Y		D	2.0	4.0	5
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106005	GW005-204	ug/l	Y		D	5.0	10	25
KAFB-106005	GW005-204	ug/l	N	U	U	1.5	5.0	25
KAFB-106005	GW005-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106005	GW005-204	ug/l	N	U	UM	1.5	5.0	25
KAFB-106005	GW005-204	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106005	GW005-204	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106059	GW059-204	mg/l	N	U	U	1.5	4.5	5
KAFB-106059	GW059-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106059	GW059-204	mg/l	Y		D	4.0	6.0	8
KAFB-106059	GW059-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106059	GW059-204	mg/l	Y			2.6	6.0	8
KAFB-106059	GW059-204	mg/l	Y			2.6	6.0	8
KAFB-106059	GW059-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106059	GW059-204	mg/l	Y			0.040	0.075	0.1
KAFB-106059	GW059-204	mg/l	Y			0.20	0.38	0.5
KAFB-106059	GW059-204	mg/l	Y			0.24	0.50	1
KAFB-106059	GW059-204	mg/l	Y			0.096	0.15	0.2
KAFB-106059	GW059-204	mg/l	Y			0.041	0.10	0.21
KAFB-106059	GW059-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106059	GW059-204	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106059	GW059-204	mg/l	Y			0.00068	0.0016	0.002
KAFB-106059	GW059-204	ug/l	Y		DM	0.48	0.95	1.4
KAFB-106059	GW059-204	ug/l	Y		D	8.0	16	20
KAFB-106059	GW059-204	ug/l	N	U	UM	4.0	10	100
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	Y	J	JD	4.0	10	100
KAFB-106059	GW059-204	ug/l	Y	J	JD	4.0	10	100
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	100
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	100
KAFB-106059	GW059-204	ug/l	Y	J	JD	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	60	100	2000
KAFB-106059	GW059-204	ug/l	N	U	U	6.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	6.0	20	400
KAFB-106059	GW059-204	ug/l	N	U	U	14	40	200
KAFB-106059	GW059-204	ug/l	Y	J	JD	10	20	200
KAFB-106059	GW059-204	ug/l	Y	J	JD	6.0	20	100
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	100
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	6.0	20	100
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	Y			28	40	120
KAFB-106059	GW059-204	ug/l	Y	J	JD	4.0	10	100
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	Y		D	20	40	100
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	100
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	100
KAFB-106059	GW059-204	ug/l	Y	J	JD	6.0	20	200
KAFB-106059	GW059-204	ug/l	N	U	U	6.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	Y	J	JD	14	40	400
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	6.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	6.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	100
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	6.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	100
KAFB-106059	GW059-204	ug/l	N	U	U	20	40	80
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	UJ	UQ	6.0	20	200
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	UM	4.0	10	20
KAFB-106059	GW059-204	ug/l	N	U	U	8.0	20	100
KAFB-106059	GW059-204	ug/l	N	U	U	40	80	100
KAFB-106059	GW059-204	ug/l	N	U	U	8.0	20	100
KAFB-106059	GW059-204	ug/l	N	U	U	40	80	100
KAFB-106059	GW059-204	ug/l	Y		D	20	40	100
KAFB-106059	GW059-204	ug/l	Y		D	8.0	16	20
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	100
KAFB-106059	GW059-204	ug/l	N	U	U	4.0	10	100
KAFB-106059	GW059-204	ug/l	Y		D	20	40	100
KAFB-106059	GW059-204	ug/l	N	U	U	6.0	20	100
KAFB-106059	GW059-204	ug/l	N	U	UM	4.0	10	100
KAFB-106059	GW059-204	ug/l	N	U	U	6.0	20	100
KAFB-106059	GW059-204	ug/l	Y	J	JD	4.0	10	100
KAFB-106059	GW059-204	ug/l	Y	J	JD	4.0	10	100
KAFB-106059	GW059-204	ug/l	Y		D	40	100	200
KAFB-106059	GW059-204	ug/l	Y		D	40	100	200
KAFB-106018	GW018-204	mg/l	Y		D	1.5	4.5	5
KAFB-106018	GW018-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106018	GW018-204	mg/l	Y		D	10	15	20
KAFB-106018	GW018-204	mg/l	Y			0.040	0.090	0.1
KAFB-106018	GW018-204	mg/l	Y			2.6	6.0	8
KAFB-106018	GW018-204	mg/l	Y			2.6	6.0	8
KAFB-106018	GW018-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106018	GW018-204	mg/l	Y			0.040	0.075	0.1
KAFB-106018	GW018-204	mg/l	Y			0.20	0.38	0.5
KAFB-106018	GW018-204	mg/l	Y			0.24	0.50	1
KAFB-106018	GW018-204	mg/l	Y			0.096	0.15	0.2
KAFB-106018	GW018-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106018	GW018-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106018	GW018-204	mg/l	N	U	J	0.000071	0.00050	0.0005
KAFB-106018	GW018-204	mg/l	N	U	U	0.00068	0.0016	0.002

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106018	GW018-204	ug/l	Y	J	J	0.0096	0.019	0.029
KAFB-106018	GW018-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106018	GW018-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106018	GW018-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106018	GW018-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106018	GW018-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106018	GW018-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	UJ	JQM	0.70	2.0	20
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106018	GW018-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	UM	0.30	1.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106018	GW018-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106018	GW018-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106018	GW018-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106018	GW018-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106020	GW020-204	mg/l	Y	U	U	1.5	4.5	5
KAFB-106020	GW020-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106020	GW020-204	mg/l	Y	U	U	10	15	20
KAFB-106020	GW020-204	mg/l	Y	U	U	0.040	0.090	0.1
KAFB-106020	GW020-204	mg/l	Y			2.6	6.0	8
KAFB-106020	GW020-204	mg/l	Y			2.6	6.0	8
KAFB-106020	GW020-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106020	GW020-204	mg/l	Y			0.040	0.075	0.1
KAFB-106020	GW020-204	mg/l	Y			0.20	0.38	0.5
KAFB-106020	GW020-204	mg/l	Y			0.24	0.50	1
KAFB-106020	GW020-204	mg/l	Y			0.096	0.15	0.2
KAFB-106020	GW020-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106020	GW020-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106020	GW020-204	mg/l	N	U		0.000071	0.00025	0.0005
KAFB-106020	GW020-204	mg/l	Y			0.00068	0.0016	0.002
KAFB-106020	GW020-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106020	GW020-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106020	GW020-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106020	GW020-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106020	GW020-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106020	GW020-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	1.4	2.0	6
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.30	1.0	10
KAFB-106020	GW020-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	UJ	U	0.70	20	20
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106020	GW020-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106020	GW020-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106020	GW020-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.40	0.80	1
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106020	GW020-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106020	GW020-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106014	GW014-204	mg/l	N	U	U	1.5	4.5	5
KAFB-106014	GW014-204	mg/l	Y		D	1.3	2.0	2.5
KAFB-106014	GW014-204	mg/l	Y		D	10	15	20
KAFB-106014	GW014-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106014	GW014-204	mg/l	Y			2.6	6.0	8
KAFB-106014	GW014-204	mg/l	Y			2.6	6.0	8
KAFB-106014	GW014-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106014	GW014-204	mg/l	Y			0.040	0.075	0.1
KAFB-106014	GW014-204	mg/l	Y			0.20	0.38	0.5
KAFB-106014	GW014-204	mg/l	Y			0.24	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106014	GW014-204	mg/l	Y			0.096	0.15	0.2
KAFB-106014	GW014-204	mg/l	Y			0.041	0.10	0.21
KAFB-106014	GW014-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106014	GW014-204	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106014	GW014-204	mg/l	Y			0.00068	0.0016	0.002
KAFB-106014	GW014-204	ug/l	Y		DM	0.096	0.19	0.29
KAFB-106014	GW014-204	ug/l	Y		D	4.0	8.0	10
KAFB-106014	GW014-204	ug/l	N	U	UM	2.0	5.0	50
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106014	GW014-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106014	GW014-204	ug/l	N	U	UM	2.0	5.0	50
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106014	GW014-204	ug/l	N	U	UM	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	30	50	1000
KAFB-106014	GW014-204	ug/l	Y	J	JDM	3.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	3.0	10	200
KAFB-106014	GW014-204	ug/l	N	U	U	7.0	20	100
KAFB-106014	GW014-204	ug/l	Y		D	5.0	10	100
KAFB-106014	GW014-204	ug/l	Y	J	JD	3.0	10	50
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	3.0	10	50
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	Y			14	20	60
KAFB-106014	GW014-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106014	GW014-204	ug/l	Y			14	20	60
KAFB-106014	GW014-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	Y		D	10	20	50
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106014	GW014-204	ug/l	Y		D	3.0	10	100
KAFB-106014	GW014-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	UJ	JDQ	7.0	20	200
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	3.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106014	GW014-204	ug/l	N	U	U	10	20	40
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106014	GW014-204	ug/l	N	UJ	UQ	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	Y	J	JD	3.0	10	100
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	UM	2.0	5.0	10
KAFB-106014	GW014-204	ug/l	N	U	U	4.0	10	50
KAFB-106014	GW014-204	ug/l	N	U	U	20	40	50
KAFB-106014	GW014-204	ug/l	Y		D	10	20	50
KAFB-106014	GW014-204	ug/l	Y		D	4.0	8.0	10
KAFB-106014	GW014-204	ug/l	N	U	UM	2.0	5.0	50
KAFB-106014	GW014-204	ug/l	N	U	U	2.0	5.0	50
KAFB-106014	GW014-204	ug/l	Y		D	10	20	50
KAFB-106014	GW014-204	ug/l	N	U	U	3.0	10	50
KAFB-106014	GW014-204	ug/l	N	U	UM	2.0	5.0	50
KAFB-106014	GW014-204	ug/l	N	U	U	3.0	10	50
KAFB-106014	GW014-204	ug/l	Y		D	2.0	5.0	50
KAFB-106014	GW014-204	ug/l	Y	J	JD	2.0	5.0	50
KAFB-106014	GW014-204	ug/l	Y		D	20	50	100
KAFB-106014	GW014-204	ug/l	Y		D	20	50	100
KAFB-106014	GW014-604	mg/l	N	U	U	1.5	4.5	5
KAFB-106014	GW014-604	mg/l	Y		D	1.3	2.0	2.5
KAFB-106014	GW014-604	mg/l	Y		D	10	15	20
KAFB-106014	GW014-604	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106014	GW014-604	mg/l	Y			2.6	6.0	8
KAFB-106014	GW014-604	mg/l	Y			2.6	6.0	8
KAFB-106014	GW014-604	mg/l	N	U	U	2.6	6.0	8
KAFB-106014	GW014-604	mg/l	Y			0.040	0.075	0.1
KAFB-106014	GW014-604	mg/l	N	U	U	2.6	6.0	8
KAFB-106014	GW014-604	mg/l	Y			0.040	0.075	0.1
KAFB-106014	GW014-604	mg/l	Y			0.20	0.38	0.5
KAFB-106014	GW014-604	mg/l	Y			0.24	0.50	1
KAFB-106014	GW014-604	mg/l	Y			0.096	0.15	0.2
KAFB-106014	GW014-604	mg/l	Y			0.041	0.10	0.21
KAFB-106014	GW014-604	mg/l	Y			0.0031	0.0052	0.01
KAFB-106014	GW014-604	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106014	GW014-604	mg/l	Y			0.00068	0.0016	0.002
KAFB-106014	GW014-604	ug/l	Y		DM	0.095	0.19	0.29
KAFB-106014	GW014-604	ug/l	Y		D	20	40	50
KAFB-106014	GW014-604	ug/l	N	U	UM	10	25	250
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	Y	J	JD	10	25	250
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	250
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	250
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	250
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	150	250	5000
KAFB-106014	GW014-604	ug/l	N	U	U	15	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	15	50	1000
KAFB-106014	GW014-604	ug/l	N	U	U	35	100	500
KAFB-106014	GW014-604	ug/l	Y	J	JD	25	50	500
KAFB-106014	GW014-604	ug/l	Y	J	JD	15	50	250
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	250
KAFB-106014	GW014-604	ug/l	Y		D	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	15	50	250

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	Y			70	100	300
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	250
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	Y		D	50	100	250
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	250
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	250
KAFB-106014	GW014-604	ug/l	Y	J	JD	15	50	500
KAFB-106014	GW014-604	ug/l	N	U	U	15	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	Y		D	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	15	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	15	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	250
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	15	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	250
KAFB-106014	GW014-604	ug/l	N	U	U	50	100	200
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	50	100	200
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	UJ	UQ	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	15	50	500
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	50
KAFB-106014	GW014-604	ug/l	N	U	U	20	50	250
KAFB-106014	GW014-604	ug/l	N	U	U	100	200	250
KAFB-106014	GW014-604	ug/l	Y	J	JD	50	100	250
KAFB-106014	GW014-604	ug/l	Y		D	20	40	50
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	250
KAFB-106014	GW014-604	ug/l	N	U	U	10	25	250
KAFB-106014	GW014-604	ug/l	Y	J	JD	50	100	250
KAFB-106014	GW014-604	ug/l	N	U	U	15	50	250
KAFB-106014	GW014-604	ug/l	N	U	UM	10	25	250
KAFB-106014	GW014-604	ug/l	N	U	U	15	50	250
KAFB-106014	GW014-604	ug/l	Y		D	10	25	250
KAFB-106014	GW014-604	ug/l	Y	J	JD	10	25	250
KAFB-106006	GW006-204	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106006	GW006-204	mg/l	Y		D	1.0	1.5	2
KAFB-106006	GW006-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106006	GW006-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106006	GW006-204	mg/l	Y			2.6	6.0	8
KAFB-106006	GW006-204	mg/l	Y			2.6	6.0	8

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106006	GW006-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106006	GW006-204	mg/l	Y			0.040	0.075	0.1
KAFB-106006	GW006-204	mg/l	Y			0.24	0.50	1
KAFB-106006	GW006-204	mg/l	Y			0.096	0.15	0.2
KAFB-106006	GW006-204	mg/l	Y	J	J	0.041	0.10	0.21
KAFB-106006	GW006-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106006	GW006-204	mg/l	Y			0.20	0.38	0.5
KAFB-106006	GW006-204	mg/l	N	U	J	0.000071	0.00025	0.0005
KAFB-106006	GW006-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106006	GW006-204	ug/l	N	UJ	UJ1	0.020	0.019	0.02
KAFB-106006	GW006-204	ug/l	Y			0.40	0.80	1
KAFB-106006	GW006-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106006	GW006-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106006	GW006-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106006	GW006-204	ug/l	Y			0.30	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106006	GW006-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106006	GW006-204	ug/l	N	U	UM	0.50	1.0	10
KAFB-106006	GW006-204	ug/l	Y	J	JM	0.30	1.0	5
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106006	GW006-204	ug/l	Y			0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	Y			1.4	2.0	6
KAFB-106006	GW006-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	Y			1.0	2.0	5
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106006	GW006-204	ug/l	N	U	UM	0.30	1.0	10
KAFB-106006	GW006-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	UJ	JQ	0.70	20	20
KAFB-106006	GW006-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	Y			0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.30	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106006	GW006-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106006	GW006-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	Y	J	J	0.30	1.0	10
KAFB-106006	GW006-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106006	GW006-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106006	GW006-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106006	GW006-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106006	GW006-204	ug/l	Y			0.40	0.80	1
KAFB-106006	GW006-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106006	GW006-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106006	GW006-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106006	GW006-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106006	GW006-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106006	GW006-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106006	GW006-204	ug/l	Y			0.20	0.50	5
KAFB-106006	GW006-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106076	GW076-204	mg/l	N	U	U	1.5	4.5	5
KAFB-106076	GW076-204	mg/l	Y		D	1.0	1.5	2
KAFB-106076	GW076-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106076	GW076-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106076	GW076-204	mg/l	Y	J	J1	2.6	6.0	8
KAFB-106076	GW076-204	mg/l	Y			2.6	6.0	8
KAFB-106076	GW076-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106076	GW076-204	mg/l	Y		B	0.040	0.075	0.1
KAFB-106076	GW076-204	mg/l	Y			0.20	0.38	0.5
KAFB-106076	GW076-204	mg/l	Y			0.24	0.50	1
KAFB-106076	GW076-204	mg/l	Y		B	0.096	0.15	0.2
KAFB-106076	GW076-204	mg/l	Y			0.041	0.10	0.21
KAFB-106076	GW076-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106076	GW076-204	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106076	GW076-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106076	GW076-204	ug/l	N	U	U	0.048	0.096	0.14
KAFB-106076	GW076-204	ug/l	Y			0.40	0.80	1
KAFB-106076	GW076-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	Y			0.20	0.50	5
KAFB-106076	GW076-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106076	GW076-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106076	GW076-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	UM	3.0	5.0	100
KAFB-106076	GW076-204	ug/l	N	U	UM	0.30	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106076	GW076-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106076	GW076-204	ug/l	Y			0.50	1.0	10
KAFB-106076	GW076-204	ug/l	Y			0.30	1.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106076	GW076-204	ug/l	Y			0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106076	GW076-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	Y			1.4	2.0	6
KAFB-106076	GW076-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	Y	J	JM	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	Y			1.0	2.0	5
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106076	GW076-204	ug/l	Y			0.30	1.0	10
KAFB-106076	GW076-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	Y	J	QM	0.70	2.0	20
KAFB-106076	GW076-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	Y			0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	Y	J	JM	0.30	1.0	10
KAFB-106076	GW076-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106076	GW076-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106076	GW076-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106076	GW076-204	ug/l	Y			1.0	2.0	5
KAFB-106076	GW076-204	ug/l	Y			0.40	0.80	1
KAFB-106076	GW076-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106076	GW076-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106076	GW076-204	ug/l	Y			1.0	2.0	5
KAFB-106076	GW076-204	ug/l	N	U	UM	0.30	1.0	5
KAFB-106076	GW076-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106076	GW076-204	ug/l	N	U	UM	0.30	1.0	5
KAFB-106076	GW076-204	ug/l	Y			0.20	0.50	5
KAFB-106076	GW076-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106076	GW076-604	mg/l	Y	J	JD	1.5	4.5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106076	GW076-604	mg/l	Y		D	1.0	1.5	2
KAFB-106076	GW076-604	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106076	GW076-604	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106076	GW076-604	mg/l	Y			2.6	6.0	8
KAFB-106076	GW076-604	mg/l	Y			2.6	6.0	8
KAFB-106076	GW076-604	mg/l	N	U	U	2.6	6.0	8
KAFB-106076	GW076-604	mg/l	Y		B	0.040	0.075	0.1
KAFB-106076	GW076-604	mg/l	Y			0.20	0.38	0.5
KAFB-106076	GW076-604	mg/l	Y			0.24	0.50	1
KAFB-106076	GW076-604	mg/l	Y		B	0.096	0.15	0.2
KAFB-106076	GW076-604	mg/l	Y			0.041	0.10	0.21
KAFB-106076	GW076-604	mg/l	Y			0.0031	0.0052	0.01
KAFB-106076	GW076-604	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106076	GW076-604	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106076	GW076-604	ug/l	N	U	U	0.048	0.096	0.14
KAFB-106076	GW076-604	ug/l	Y			0.40	0.80	1
KAFB-106076	GW076-604	ug/l	N	U	UM	0.20	0.50	5
KAFB-106076	GW076-604	ug/l	N	U	UM	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	Y			0.20	0.50	5
KAFB-106076	GW076-604	ug/l	Y	J	J	0.20	0.50	5
KAFB-106076	GW076-604	ug/l	N	U	UM	0.20	0.50	5
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	UM	3.0	5.0	100
KAFB-106076	GW076-604	ug/l	N	U	UM	0.30	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.30	1.0	20
KAFB-106076	GW076-604	ug/l	N	U	U	0.70	2.0	10
KAFB-106076	GW076-604	ug/l	N	U	U	0.70	2.0	10
KAFB-106076	GW076-604	ug/l	Y			0.50	1.0	10
KAFB-106076	GW076-604	ug/l	Y			0.30	1.0	5
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106076	GW076-604	ug/l	Y			0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106076	GW076-604	ug/l	N	U	UM	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	Y			1.4	2.0	6
KAFB-106076	GW076-604	ug/l	Y	J	J	0.20	0.50	5
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	Y	J	J	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	Y			1.0	2.0	5
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106076	GW076-604	ug/l	Y			0.30	1.0	10
KAFB-106076	GW076-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	Y	J	Q	0.70	2.0	20
KAFB-106076	GW076-604	ug/l	N	U	UM	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	Y			0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.30	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106076	GW076-604	ug/l	N	U	U	1.0	2.0	4
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	UM	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	Y		M	0.30	1.0	10
KAFB-106076	GW076-604	ug/l	N	U	UM	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	UM	0.20	0.50	1
KAFB-106076	GW076-604	ug/l	N	U	U	0.40	1.0	5
KAFB-106076	GW076-604	ug/l	N	U	U	2.0	4.0	5
KAFB-106076	GW076-604	ug/l	Y			1.0	2.0	5
KAFB-106076	GW076-604	ug/l	Y			0.40	0.80	1
KAFB-106076	GW076-604	ug/l	N	U	UM	0.20	0.50	5
KAFB-106076	GW076-604	ug/l	N	U	U	0.20	0.50	5
KAFB-106076	GW076-604	ug/l	Y			1.0	2.0	5
KAFB-106076	GW076-604	ug/l	N	U	UM	0.30	1.0	5
KAFB-106076	GW076-604	ug/l	N	U	UM	0.20	0.50	5
KAFB-106076	GW076-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106076	GW076-604	ug/l	Y			0.20	0.50	5
KAFB-106076	GW076-604	ug/l	N	U	U	0.30	1.0	5
KAFB-106076	GW076-604	ug/l	Y			0.20	0.50	5
KAFB-106076	GW076-604	ug/l	Y	J	J	0.20	0.50	5
KAFB-106001	GW001-204	mg/l	Y		D	1.5	4.5	5
KAFB-106001	GW001-204	mg/l	Y		D	1.0	1.5	2
KAFB-106001	GW001-204	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106001	GW001-204	mg/l	Y			0.040	0.090	0.1
KAFB-106001	GW001-204	mg/l	Y			2.6	6.0	8
KAFB-106001	GW001-204	mg/l	Y			2.6	6.0	8
KAFB-106001	GW001-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106001	GW001-204	mg/l	Y			0.20	0.38	0.5
KAFB-106001	GW001-204	mg/l	Y			0.24	0.50	1
KAFB-106001	GW001-204	mg/l	Y		B	0.096	0.15	0.2
KAFB-106001	GW001-204	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106001	GW001-204	mg/l	Y	J	J	0.0031	0.0052	0.01
KAFB-106001	GW001-204	mg/l	Y			0.040	0.075	0.1
KAFB-106001	GW001-204	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106001	GW001-204	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106001	GW001-204	ug/l	Y		D	0.049	0.097	0.15
KAFB-106001	GW001-204	ug/l	Y	J	J	0.40	0.80	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106001	GW001-204	ug/l	Y	J	J	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	3.0	5.0	100

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106001	GW001-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.30	1.0	20
KAFB-106001	GW001-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106001	GW001-204	ug/l	N	U	U	0.50	1.0	10
KAFB-106001	GW001-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106001	GW001-204	ug/l	Y			0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	Y	J	J	1.4	2.0	6
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	Y	J	J	1.0	2.0	5
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106001	GW001-204	ug/l	N	U	UM	0.30	1.0	10
KAFB-106001	GW001-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	Y	J	JQ	0.70	2.0	20
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	Y			0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106001	GW001-204	ug/l	Y			0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106001	GW001-204	ug/l	N	U	U	1.0	2.0	4
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	Y	J	JM	0.30	1.0	10
KAFB-106001	GW001-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106001	GW001-204	ug/l	N	U	U	2.0	4.0	5
KAFB-106001	GW001-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106001	GW001-204	ug/l	Y			0.40	0.80	1
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106001	GW001-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106001	GW001-204	ug/l	N	U	UM	0.30	1.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106001	GW001-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106001	GW001-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106079	GW079-204	mg/l	N	U	U	1.5	4.5	5
KAFB-106079	GW079-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106079	GW079-204	mg/l	Y		D	10	15	20
KAFB-106079	GW079-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106079	GW079-204	mg/l	Y			2.6	6.0	8
KAFB-106079	GW079-204	mg/l	Y			2.6	6.0	8
KAFB-106079	GW079-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106079	GW079-204	mg/l	Y		B	0.040	0.075	0.1
KAFB-106079	GW079-204	mg/l	Y			0.20	0.38	0.5
KAFB-106079	GW079-204	mg/l	Y			0.24	0.50	1
KAFB-106079	GW079-204	mg/l	Y		B	0.096	0.15	0.2
KAFB-106079	GW079-204	mg/l	Y			0.041	0.10	0.21
KAFB-106079	GW079-204	mg/l	Y			0.0031	0.0052	0.01
KAFB-106079	GW079-204	mg/l	N	U	UQ	0.00068	0.0016	0.002
KAFB-106079	GW079-204	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106079	GW079-204	ug/l	N	U	U	0.0095	0.019	0.028
KAFB-106079	GW079-204	ug/l	Y		D	2.0	4.0	5
KAFB-106079	GW079-204	ug/l	N	U	UM	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	15	25	500
KAFB-106079	GW079-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.5	5.0	100
KAFB-106079	GW079-204	ug/l	N	U	U	3.5	10	50
KAFB-106079	GW079-204	ug/l	Y	J	JD	2.5	5.0	50
KAFB-106079	GW079-204	ug/l	Y	J	JD	1.5	5.0	25
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	Y		D	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.5	5.0	25
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	Y			7.0	10	30
KAFB-106079	GW079-204	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	Y		D	5.0	10	25
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	N	U	UM	1.5	5.0	50
KAFB-106079	GW079-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	Y	J	JQD	3.5	10	100

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106079	GW079-204	ug/l	Y	J	JD	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.5	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	N	U	U	5.0	10	20
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.5	5.0	50
KAFB-106079	GW079-204	ug/l	N	U	UM	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	UM	1.0	2.5	5
KAFB-106079	GW079-204	ug/l	N	U	U	2.0	5.0	25
KAFB-106079	GW079-204	ug/l	N	U	U	10	20	25
KAFB-106079	GW079-204	ug/l	Y		D	5.0	10	25
KAFB-106079	GW079-204	ug/l	Y		D	2.0	4.0	5
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	Y		D	5.0	10	25
KAFB-106079	GW079-204	ug/l	N	U	U	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	Y		D	5.0	10	25
KAFB-106079	GW079-204	ug/l	N	U	U	1.5	5.0	25
KAFB-106079	GW079-204	ug/l	N	U	UM	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	N	U	U	1.5	5.0	25
KAFB-106079	GW079-204	ug/l	Y		D	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106079	GW079-204	ug/l	Y		D	10	25	50
KAFB-106080	GW080-204	mg/l	Y		D	1.5	4.5	5
KAFB-106080	GW080-204	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106080	GW080-204	mg/l	Y	J	QBD	10	15	20
KAFB-106080	GW080-204	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106080	GW080-204	mg/l	Y	J	J1	2.6	6.0	8
KAFB-106080	GW080-204	mg/l	Y			2.6	6.0	8
KAFB-106080	GW080-204	mg/l	N	U	U	2.6	6.0	8
KAFB-106080	GW080-204	mg/l	Y			0.041	0.10	0.21
KAFB-106080	GW080-204	mg/l	N	U		0.0031	0.0052	0.01
KAFB-106080	GW080-204	mg/l	Y			0.040	0.075	0.1
KAFB-106080	GW080-204	mg/l	Y			0.24	0.50	1
KAFB-106080	GW080-204	mg/l	Y			0.096	0.15	0.2
KAFB-106080	GW080-204	mg/l	Y			0.20	0.45	0.5
KAFB-106080	GW080-204	mg/l	N	U	J	0.000071	0.00050	0.0005
KAFB-106080	GW080-204	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106080	GW080-204	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106080	GW080-204	ug/l	Y			0.40	0.80	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	Y	J	J	0.20	0.50	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	3.0	5.0	100
KAFB-106080	GW080-204	ug/l	Y			0.30	0.50	1
KAFB-106080	GW080-204	ug/l	N	UJ	UQ	0.30	1.0	20
KAFB-106080	GW080-204	ug/l	N	U	U	0.70	2.0	10
KAFB-106080	GW080-204	ug/l	N	UJ	UQ	0.50	1.0	10
KAFB-106080	GW080-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106080	GW080-204	ug/l	N	U	J	0.20	1.0	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.30	1.0	5
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	Y	J	J	1.4	2.8	6
KAFB-106080	GW080-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106080	GW080-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106080	GW080-204	ug/l	N	U	UM	0.30	1.0	10
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106080	GW080-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	UM	0.30	1.0	10
KAFB-106080	GW080-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	UJ	UQM	0.70	2.0	20
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	Y			0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.30	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106080	GW080-204	ug/l	N	UJ	UQ	1.0	2.0	4
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	UJ	UQ	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	UJ	UQ	0.30	1.0	10
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	UM	0.20	0.50	1
KAFB-106080	GW080-204	ug/l	N	U	U	0.40	1.0	5
KAFB-106080	GW080-204	ug/l	N	UJ	UQ	2.0	4.0	5
KAFB-106080	GW080-204	ug/l	N	U	U	1.0	2.0	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106080	GW080-204	ug/l	Y			0.40	0.80	1
KAFB-106080	GW080-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106080	GW080-204	ug/l	N	U	U	0.20	0.50	5
KAFB-106080	GW080-204	ug/l	N	U	U	1.0	2.0	5
KAFB-106080	GW080-204	ug/l	N	U	UM	0.30	1.0	5
KAFB-106080	GW080-204	ug/l	N	U	UM	0.20	0.50	5
KAFB-106080	GW080-204	ug/l	Y	J	J	0.30	1.0	5
KAFB-106080	GW080-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106080	GW080-204	ug/l	Y	J	J	0.20	0.50	5
KAFB-106218	GW218-211	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106218	GW218-611	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106217	GW217-211	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106216	GW216-211	ug/l	N	U	U	0.0095	0.019	0.029
KAFB-106224	GW224-211	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106223	GW223-211	ug/l	N	UJ	UQ	0.0097	0.019	0.029
KAFB-106222	GW222-211	ug/l	N	UJ	UQ	0.0097	0.019	0.029
KAFB-106207	GW207-211	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106208	GW208-211	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106209	GW209-211	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106205	GW205-211	ug/l	Y	J	J	0.0096	0.019	0.029
KAFB-106204	GW204-211	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106204	GW204-611	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106242-418	GW242-418-211	mg/l	Y		D	15	45	50
KAFB-106242-418	GW242-418-211	mg/l	Y		D	10	15	20
KAFB-106242-418	GW242-418-211	mg/l	N	U	U	130	200	250
KAFB-106242-418	GW242-418-211	mg/l	Y			0.20	0.45	0.5
KAFB-106242-418	GW242-418-211	mg/l	Y			2.6	6.0	8
KAFB-106242-418	GW242-418-211	mg/l	Y			2.6	6.0	8
KAFB-106242-418	GW242-418-211	mg/l	Y			2.6	6.0	8
KAFB-106242-418	GW242-418-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106242-418	GW242-418-211	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106242-418	GW242-418-211	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106242-418	GW242-418-211	mg/l	Y		B	0.040	0.075	0.1
KAFB-106242-418	GW242-418-211	mg/l	Y			0.20	0.45	0.5
KAFB-106242-418	GW242-418-211	mg/l	Y			0.24	0.50	1
KAFB-106242-418	GW242-418-211	mg/l	Y			0.096	0.15	0.2
KAFB-106242-418	GW242-418-211	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106242-418	GW242-418-211	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106242-418	GW242-418-211	ug/l	N	UJ	UQ	0.0095	0.019	0.029
KAFB-106031	GW031-211	ug/l	N	UJ	UQ	0.0097	0.019	0.029
KAFB-106030	GW030-211	ug/l	N	UJ	UQ	0.0096	0.019	0.029
KAFB-106029	GW029-211	ug/l	N	UJ	UQ	0.0095	0.019	0.029
KAFB-106232	GW232-211	ug/l	N	UJ	UQ	0.0096	0.019	0.029
KAFB-106231	GW231-211	ug/l	N	UJ	UQ	0.0096	0.019	0.029
KAFB-106206	GW206-211	ug/l	N	UJ	UQ	0.0097	0.019	0.029
KAFB-106236-436	GW236-436-211	ug/l	N	UJ	U	0.0097	0.019	0.029
KAFB-106236-436	GW236-436-611	ug/l	N	UJ	U	0.0097	0.019	0.029
KAFB-106236-470	GW236-470-211	ug/l	N	UJ	UQ	0.0097	0.019	0.029
KAFB-106236-499	GW236-499-211	ug/l	N	UJ	UQ	0.0097	0.019	0.029
KAFB-106235-438	GW235-438-211	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106235-472	GW235-472-211	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106235-501	GW235-501-211	ug/l	N	UJ	UQ	0.0096	0.019	0.029
KAFB-106203	GW203-211	ug/l	N	U	U	0.0097	0.019	0.029
KAFB-106202	GW202-211	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106201	GW201-211	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106033	GW033-211	ug/l	N	UJ	U	0.0096	0.019	0.029

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106034	GW034-211	ug/l	N	UJ	U	0.0096	0.019	0.029
KAFB-106032	GW032-211	ug/l	N	UJ	U	0.0096	0.019	0.029
KAFB-106049	GW049-211	ug/l	N	UJ	U	0.0096	0.019	0.029
KAFB-106051	GW051-211	ug/l	N	UJ	U	0.0095	0.019	0.029
KAFB-106050	GW050-211	ug/l	N	UJ	U	0.0095	0.019	0.029
KAFB-106041	GW041-211	mg/l	N	U	JD	1.3	2.5	2.5
KAFB-106041	GW041-211	mg/l	Y		D	6.0	18	20
KAFB-106041	GW041-211	mg/l	Y	J	DB	4.0	6.0	8
KAFB-106041	GW041-211	mg/l	Y			0.040	0.090	0.1
KAFB-106041	GW041-211	mg/l	Y			2.6	6.0	8
KAFB-106041	GW041-211	mg/l	Y			2.6	6.0	8
KAFB-106041	GW041-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106041	GW041-211	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106041	GW041-211	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106041	GW041-211	mg/l	Y			0.040	0.075	0.1
KAFB-106041	GW041-211	mg/l	Y			0.20	0.45	0.5
KAFB-106041	GW041-211	mg/l	Y			0.24	0.50	1
KAFB-106041	GW041-211	mg/l	Y			0.096	0.15	0.2
KAFB-106041	GW041-211	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106041	GW041-211	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106041	GW041-211	ug/l	Y	J	M	0.0096	0.019	0.029
KAFB-106230	GW230-211	mg/l	Y		D	1.5	4.5	5
KAFB-106230	GW230-211	mg/l	Y	J	D	1.0	1.5	2
KAFB-106230	GW230-211	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106230	GW230-211	mg/l	Y			0.040	0.090	0.1
KAFB-106230	GW230-211	mg/l	Y			2.6	6.0	8
KAFB-106230	GW230-211	mg/l	Y			2.6	6.0	8
KAFB-106230	GW230-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106230	GW230-211	mg/l	Y			2.6	6.0	8
KAFB-106230	GW230-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106230	GW230-211	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106230	GW230-211	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106230	GW230-211	mg/l	Y			0.040	0.075	0.1
KAFB-106230	GW230-211	mg/l	Y			0.20	0.45	0.5
KAFB-106230	GW230-211	mg/l	Y			0.24	0.50	1
KAFB-106230	GW230-211	mg/l	Y			0.096	0.15	0.2
KAFB-106230	GW230-211	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106230	GW230-211	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106230	GW230-211	ug/l	N	UJ	U	0.0096	0.019	0.029
KAFB-106241-428	GW241-428-211	mg/l	Y	J	DJ1	1.5	4.5	5
KAFB-106241-428	GW241-428-211	mg/l	N	U	JDJ1	1.3	2.5	2.5
KAFB-106241-428	GW241-428-211	mg/l	Y	J	DBJ1	4.0	6.0	8
KAFB-106241-428	GW241-428-211	mg/l	Y	J	J	0.040	0.090	0.1
KAFB-106241-428	GW241-428-211	mg/l	Y			2.6	6.0	8
KAFB-106241-428	GW241-428-211	mg/l	Y			2.6	6.0	8
KAFB-106241-428	GW241-428-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106241-428	GW241-428-211	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106241-428	GW241-428-211	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106241-428	GW241-428-211	mg/l	Y			0.040	0.075	0.1
KAFB-106241-428	GW241-428-211	mg/l	Y			0.20	0.45	0.5
KAFB-106241-428	GW241-428-211	mg/l	Y			0.24	0.50	1
KAFB-106241-428	GW241-428-211	mg/l	Y			0.096	0.15	0.2
KAFB-106241-428	GW241-428-211	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106241-428	GW241-428-211	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106241-428	GW241-428-211	ug/l	Y	J		0.0097	0.019	0.029
KAFB-106241-428	GW241-428-611	mg/l	Y		D	1.5	4.5	5
KAFB-106241-428	GW241-428-611	mg/l	N	U	JD	1.3	2.5	2.5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106241-428	GW241-428-611	mg/l	Y	J	DB	4.0	6.0	8
KAFB-106241-428	GW241-428-611	mg/l	Y			0.040	0.090	0.1
KAFB-106241-428	GW241-428-611	mg/l	Y			2.6	6.0	8
KAFB-106241-428	GW241-428-611	mg/l	Y			2.6	6.0	8
KAFB-106241-428	GW241-428-611	mg/l	N	U	U	2.6	6.0	8
KAFB-106241-428	GW241-428-611	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106241-428	GW241-428-611	mg/l	N	U	U	0.0031	0.0052	0.01
KAFB-106241-428	GW241-428-611	mg/l	Y			0.040	0.075	0.1
KAFB-106241-428	GW241-428-611	mg/l	Y			0.20	0.45	0.5
KAFB-106241-428	GW241-428-611	mg/l	Y			0.24	0.50	1
KAFB-106241-428	GW241-428-611	mg/l	Y			0.096	0.15	0.2
KAFB-106241-428	GW241-428-611	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106241-428	GW241-428-611	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106241-428	GW241-428-611	ug/l	Y	J		0.0097	0.019	0.029
KAFB-106240-449	GW240-449-211	mg/l	Y		D	1.3	2.0	2.5
KAFB-106240-449	GW240-449-211	mg/l	Y		D	15	45	50
KAFB-106240-449	GW240-449-211	mg/l	Y		D	10	15	20
KAFB-106240-449	GW240-449-211	mg/l	Y			0.40	0.90	1
KAFB-106240-449	GW240-449-211	mg/l	Y			2.6	6.0	8
KAFB-106240-449	GW240-449-211	mg/l	Y			2.6	6.0	8
KAFB-106240-449	GW240-449-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106240-449	GW240-449-211	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106240-449	GW240-449-211	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106240-449	GW240-449-211	mg/l	Y			0.040	0.075	0.1
KAFB-106240-449	GW240-449-211	mg/l	Y			0.24	0.50	1
KAFB-106240-449	GW240-449-211	mg/l	Y			0.096	0.15	0.2
KAFB-106240-449	GW240-449-211	mg/l	Y			0.20	0.45	0.5
KAFB-106240-449	GW240-449-211	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106240-449	GW240-449-211	mg/l	Y			0.20	0.45	0.5
KAFB-106240-449	GW240-449-211	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106240-449	GW240-449-211	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106240-449	GW240-449-211	ug/l	N	U	UQ	0.0096	0.019	0.029
KAFB-106240-449	GW240-449-211	ug/l	N	U	U	0.40	0.80	1
KAFB-106240-449	GW240-449-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106240-449	GW240-449-211	ug/l	N	U	U	1.4	2.8	6
KAFB-106240-449	GW240-449-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-211	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106244-445	GW244-445-211	mg/l	Y		D	15	45	50
KAFB-106244-445	GW244-445-211	mg/l	Y		D	10	15	20
KAFB-106244-445	GW244-445-211	mg/l	Y			0.20	0.45	0.5
KAFB-106244-445	GW244-445-211	mg/l	Y			2.6	6.0	8
KAFB-106244-445	GW244-445-211	mg/l	Y			2.6	6.0	8
KAFB-106244-445	GW244-445-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106244-445	GW244-445-211	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106244-445	GW244-445-211	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106244-445	GW244-445-211	mg/l	Y			0.040	0.075	0.1
KAFB-106244-445	GW244-445-211	mg/l	Y			0.24	0.50	1
KAFB-106244-445	GW244-445-211	mg/l	Y			0.096	0.15	0.2
KAFB-106244-445	GW244-445-211	mg/l	Y			0.20	0.45	0.5
KAFB-106244-445	GW244-445-211	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106244-445	GW244-445-211	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106244-445	GW244-445-211	ug/l	N	U	UQ	0.0096	0.019	0.029
KAFB-106244-445	GW244-445-211	ug/l	N	U	U	0.40	0.80	1
KAFB-106244-445	GW244-445-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106244-445	GW244-445-211	ug/l	N	U	U	1.4	2.8	6
KAFB-106244-445	GW244-445-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106243-425	GW243-425-211	mg/l	Y		D	1.5	4.5	5

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106243-425	GW243-425-211	mg/l	Y		D	1.0	1.5	2
KAFB-106243-425	GW243-425-211	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106243-425	GW243-425-211	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106243-425	GW243-425-211	mg/l	Y			2.6	6.0	8
KAFB-106243-425	GW243-425-211	mg/l	Y			2.6	6.0	8
KAFB-106243-425	GW243-425-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106243-425	GW243-425-211	mg/l	Y			0.040	0.075	0.1
KAFB-106243-425	GW243-425-211	mg/l	Y			0.24	0.50	1
KAFB-106243-425	GW243-425-211	mg/l	Y			0.096	0.15	0.2
KAFB-106243-425	GW243-425-211	mg/l	Y			0.20	0.45	0.5
KAFB-106243-425	GW243-425-211	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106243-425	GW243-425-211	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106243-425	GW243-425-211	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106243-425	GW243-425-211	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106243-425	GW243-425-211	ug/l	Y	J	JM	0.0097	0.019	0.029
KAFB-106245-460	GW245-460-211	mg/l	Y		D	1.3	2.0	2.5
KAFB-106245-460	GW245-460-211	mg/l	Y		D	15	45	50
KAFB-106245-460	GW245-460-211	mg/l	Y		D	10	15	20
KAFB-106245-460	GW245-460-211	mg/l	Y			0.20	0.45	0.5
KAFB-106245-460	GW245-460-211	mg/l	Y			2.6	6.0	8
KAFB-106245-460	GW245-460-211	mg/l	Y			2.6	6.0	8
KAFB-106245-460	GW245-460-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106245-460	GW245-460-211	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106245-460	GW245-460-211	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106245-460	GW245-460-211	mg/l	Y			0.040	0.075	0.1
KAFB-106245-460	GW245-460-211	mg/l	Y			0.24	0.50	1
KAFB-106245-460	GW245-460-211	mg/l	Y			0.096	0.15	0.2
KAFB-106245-460	GW245-460-211	mg/l	Y			0.20	0.45	0.5
KAFB-106245-460	GW245-460-211	mg/l	Y			0.096	0.15	0.2
KAFB-106245-460	GW245-460-211	mg/l	Y			0.20	0.45	0.5
KAFB-106245-460	GW245-460-211	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106245-460	GW245-460-211	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106245-460	GW245-460-211	ug/l	N	U	UQ	0.0096	0.019	0.029
KAFB-106245-460	GW245-460-211	ug/l	N	U	U	0.40	0.80	1
KAFB-106245-460	GW245-460-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106245-460	GW245-460-211	ug/l	N	U	U	1.4	2.8	6
KAFB-106245-460	GW245-460-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-211	mg/l	Y		D	1.3	2.0	2.5
KAFB-106S4-446	GWS4-446-211	mg/l	Y		D	15	45	50
KAFB-106S4-446	GWS4-446-211	mg/l	Y		D	10	15	20
KAFB-106S4-446	GWS4-446-211	mg/l	Y			0.40	0.90	1
KAFB-106S4-446	GWS4-446-211	mg/l	Y			2.6	6.0	8
KAFB-106S4-446	GWS4-446-211	mg/l	Y			2.6	6.0	8
KAFB-106S4-446	GWS4-446-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106S4-446	GWS4-446-211	mg/l	Y			0.040	0.075	0.1
KAFB-106S4-446	GWS4-446-211	mg/l	Y			0.24	0.50	1
KAFB-106S4-446	GWS4-446-211	mg/l	Y			0.096	0.15	0.2
KAFB-106S4-446	GWS4-446-211	mg/l	Y			0.20	0.45	0.5
KAFB-106S4-446	GWS4-446-211	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106S4-446	GWS4-446-211	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106S4-446	GWS4-446-211	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106S4-446	GWS4-446-211	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106S4-446	GWS4-446-211	ug/l	Y	J	JQ	0.0096	0.019	0.029
KAFB-106S4-446	GWS4-446-211	ug/l	N	U	U	0.40	0.80	1
KAFB-106S4-446	GWS4-446-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106S4-446	GWS4-446-211	ug/l	N	U	U	1.4	2.8	6
KAFB-106S4-446	GWS4-446-211	ug/l	N	U	U	0.20	0.50	1

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106247-450	GW247-450-211	mg/l	Y		D	1.5	4.5	5
KAFB-106247-450	GW247-450-211	mg/l	Y	J	J1D	1.0	1.5	2
KAFB-106247-450	GW247-450-211	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106247-450	GW247-450-211	mg/l	Y			0.040	0.090	0.1
KAFB-106247-450	GW247-450-211	mg/l	Y			2.6	6.0	8
KAFB-106247-450	GW247-450-211	mg/l	Y			2.6	6.0	8
KAFB-106247-450	GW247-450-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106247-450	GW247-450-211	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106247-450	GW247-450-211	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106247-450	GW247-450-211	mg/l	Y			0.040	0.075	0.1
KAFB-106247-450	GW247-450-211	mg/l	Y			0.24	0.50	1
KAFB-106247-450	GW247-450-211	mg/l	Y			0.096	0.15	0.2
KAFB-106247-450	GW247-450-211	mg/l	Y			0.20	0.45	0.5
KAFB-106247-450	GW247-450-211	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106247-450	GW247-450-211	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106247-450	GW247-450-211	ug/l	N	U	UQ	0.0097	0.019	0.029
KAFB-106247-450	GW247-450-211	ug/l	N	U	U	0.40	0.80	1
KAFB-106247-450	GW247-450-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-211	ug/l	N	U	U	1.4	2.8	6
KAFB-106247-450	GW247-450-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-611	mg/l	Y		D	1.5	4.5	5
KAFB-106247-450	GW247-450-611	mg/l	Y	J	D	1.0	1.5	2
KAFB-106247-450	GW247-450-611	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106247-450	GW247-450-611	mg/l	Y			0.040	0.090	0.1
KAFB-106247-450	GW247-450-611	mg/l	Y			2.6	6.0	8
KAFB-106247-450	GW247-450-611	mg/l	Y			2.6	6.0	8
KAFB-106247-450	GW247-450-611	mg/l	N	U	U	2.6	6.0	8
KAFB-106247-450	GW247-450-611	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106247-450	GW247-450-611	mg/l	N	U	UQ	0.0031	0.0052	0.01
KAFB-106247-450	GW247-450-611	mg/l	Y			0.040	0.075	0.1
KAFB-106247-450	GW247-450-611	mg/l	Y			0.20	0.45	0.5
KAFB-106247-450	GW247-450-611	mg/l	Y			0.24	0.50	1
KAFB-106247-450	GW247-450-611	mg/l	Y			0.096	0.15	0.2
KAFB-106247-450	GW247-450-611	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106247-450	GW247-450-611	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106247-450	GW247-450-611	ug/l	N	U	UM	0.0096	0.019	0.029
KAFB-106247-450	GW247-450-611	ug/l	N	U	U	0.40	0.80	1
KAFB-106247-450	GW247-450-611	ug/l	N	U	U	0.20	0.50	1
KAFB-106247-450	GW247-450-611	ug/l	N	U	U	1.4	2.8	6
KAFB-106247-450	GW247-450-611	ug/l	N	U	U	0.20	0.50	1
KAFB-106S8-451	GWS8-451-211	mg/l	N	U	U	1.5	4.5	5
KAFB-106S8-451	GWS8-451-211	mg/l	Y		D	1.0	1.5	2
KAFB-106S8-451	GWS8-451-211	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106S8-451	GWS8-451-211	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S8-451	GWS8-451-211	mg/l	Y			2.6	6.0	8
KAFB-106S8-451	GWS8-451-211	mg/l	Y			2.6	6.0	8
KAFB-106S8-451	GWS8-451-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106S8-451	GWS8-451-211	mg/l	Y			0.041	0.10	0.21
KAFB-106S8-451	GWS8-451-211	mg/l	Y			0.040	0.075	0.1
KAFB-106S8-451	GWS8-451-211	mg/l	Y			0.24	0.50	1
KAFB-106S8-451	GWS8-451-211	mg/l	Y			0.096	0.15	0.2
KAFB-106S8-451	GWS8-451-211	mg/l	Y			0.20	0.45	0.5
KAFB-106S8-451	GWS8-451-211	mg/l	Y	J		0.0031	0.0052	0.01
KAFB-106S8-451	GWS8-451-211	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106S8-451	GWS8-451-211	mg/l	Y			0.00068	0.0016	0.002

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S8-451	GWS8-451-211	ug/l	Y		D	48	96	140
KAFB-106S8-451	GWS8-451-211	ug/l	Y		D	4.0	8.0	10
KAFB-106S8-451	GWS8-451-211	ug/l	Y		D	2.0	5.0	10
KAFB-106S8-451	GWS8-451-211	ug/l	Y			14	28	60
KAFB-106S8-451	GWS8-451-211	ug/l	Y		D	20	50	100
KAFB-106153-484	GW153-484-211	mg/l	N	U	U	1.5	4.5	5
KAFB-106153-484	GW153-484-211	mg/l	Y		D	1.0	1.5	2
KAFB-106153-484	GW153-484-211	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106153-484	GW153-484-211	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106153-484	GW153-484-211	mg/l	Y			2.6	6.0	8
KAFB-106153-484	GW153-484-211	mg/l	Y			2.6	6.0	8
KAFB-106153-484	GW153-484-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106153-484	GW153-484-211	mg/l	Y	J	J1	0.040	0.075	0.1
KAFB-106153-484	GW153-484-211	mg/l	Y	J	J1	0.24	0.50	1
KAFB-106153-484	GW153-484-211	mg/l	Y	J	J1	0.096	0.15	0.2
KAFB-106153-484	GW153-484-211	mg/l	Y			0.20	0.45	0.5
KAFB-106153-484	GW153-484-211	mg/l	Y			0.041	0.10	0.21
KAFB-106153-484	GW153-484-211	mg/l	Y			0.0031	0.0052	0.01
KAFB-106153-484	GW153-484-211	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106153-484	GW153-484-211	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106153-484	GW153-484-211	ug/l	Y		D	1.9	3.8	5.8
KAFB-106149-484	GW149-484-211	mg/l	N	U	U	1.5	4.5	5
KAFB-106149-484	GW149-484-211	mg/l	Y		D	1.0	1.5	2
KAFB-106149-484	GW149-484-211	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106149-484	GW149-484-211	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106149-484	GW149-484-211	mg/l	Y			2.6	6.0	8
KAFB-106149-484	GW149-484-211	mg/l	Y			2.6	6.0	8
KAFB-106149-484	GW149-484-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106149-484	GW149-484-211	mg/l	Y			2.6	6.0	8
KAFB-106149-484	GW149-484-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106149-484	GW149-484-211	mg/l	Y			0.040	0.075	0.1
KAFB-106149-484	GW149-484-211	mg/l	Y			0.24	0.50	1
KAFB-106149-484	GW149-484-211	mg/l	Y			0.096	0.15	0.2
KAFB-106149-484	GW149-484-211	mg/l	Y			0.20	0.45	0.5
KAFB-106149-484	GW149-484-211	mg/l	Y			0.041	0.10	0.21
KAFB-106149-484	GW149-484-211	mg/l	Y			0.0031	0.0052	0.01
KAFB-106149-484	GW149-484-211	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106149-484	GW149-484-211	mg/l	Y			0.00068	0.0016	0.002
KAFB-106149-484	GW149-484-211	ug/l	Y		D	9.6	19	29
KAFB-106S1-447	GWS1-447-211	mg/l	Y		D	1.5	4.5	5
KAFB-106S1-447	GWS1-447-211	mg/l	Y		D	1.0	1.5	2
KAFB-106S1-447	GWS1-447-211	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106S1-447	GWS1-447-211	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S1-447	GWS1-447-211	mg/l	Y			2.6	6.0	8
KAFB-106S1-447	GWS1-447-211	mg/l	Y			2.6	6.0	8
KAFB-106S1-447	GWS1-447-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106S1-447	GWS1-447-211	mg/l	Y			0.041	0.10	0.21
KAFB-106S1-447	GWS1-447-211	mg/l	Y			0.040	0.075	0.1
KAFB-106S1-447	GWS1-447-211	mg/l	Y			0.20	0.45	0.5
KAFB-106S1-447	GWS1-447-211	mg/l	Y			0.24	0.50	1
KAFB-106S1-447	GWS1-447-211	mg/l	Y			0.096	0.15	0.2
KAFB-106S1-447	GWS1-447-211	mg/l	Y	J		0.0031	0.0052	0.01
KAFB-106S1-447	GWS1-447-211	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106S1-447	GWS1-447-211	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S1-447	GWS1-447-211	ug/l	Y		D	9.7	19	29
KAFB-106S1-447	GWS1-447-211	ug/l	Y		D	4.0	8.0	10
KAFB-106S1-447	GWS1-447-211	ug/l	Y			14	28	60

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S1-447	GWS1-447-211	ug/l	Y		D	20	50	100
KAFB-106S1-447	GWS1-447-211	ug/l	Y		D	20	50	100
KAFB-106S2-451	GWS2-451-211	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106S2-451	GWS2-451-211	mg/l	Y		D	1.3	2.0	2.5
KAFB-106S2-451	GWS2-451-211	mg/l	Y		D	10	15	20
KAFB-106S2-451	GWS2-451-211	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S2-451	GWS2-451-211	mg/l	Y			2.6	6.0	8
KAFB-106S2-451	GWS2-451-211	mg/l	Y			2.6	6.0	8
KAFB-106S2-451	GWS2-451-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106S2-451	GWS2-451-211	mg/l	Y	J	J1	0.041	0.10	0.21
KAFB-106S2-451	GWS2-451-211	mg/l	Y			0.040	0.075	0.1
KAFB-106S2-451	GWS2-451-211	mg/l	Y			0.24	0.50	1
KAFB-106S2-451	GWS2-451-211	mg/l	Y			0.096	0.15	0.2
KAFB-106S2-451	GWS2-451-211	mg/l	Y			0.20	0.45	0.5
KAFB-106S2-451	GWS2-451-211	mg/l	Y	J	J1	0.0031	0.0052	0.01
KAFB-106S2-451	GWS2-451-211	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106S2-451	GWS2-451-211	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S2-451	GWS2-451-211	ug/l	Y	J	J1D	1.9	3.8	5.8
KAFB-106S2-451	GWS2-451-211	ug/l	Y	J	J1D	0.80	1.6	2
KAFB-106S2-451	GWS2-451-211	ug/l	Y	J	J1D	0.40	1.0	2
KAFB-106S2-451	GWS2-451-211	ug/l	Y	J	J1	2.8	5.6	12
KAFB-106S2-451	GWS2-451-211	ug/l	Y		D	4.0	10	20
KAFB-106S5-446	GWS5-446-211	mg/l	N	U	JD	1.5	5.0	5
KAFB-106S5-446	GWS5-446-211	mg/l	Y		DB	1.0	1.5	2
KAFB-106S5-446	GWS5-446-211	mg/l	N	U	JDB	1.3	2.5	2.5
KAFB-106S5-446	GWS5-446-211	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S5-446	GWS5-446-211	mg/l	Y			2.6	6.0	8
KAFB-106S5-446	GWS5-446-211	mg/l	Y			2.6	6.0	8
KAFB-106S5-446	GWS5-446-211	mg/l	Y			2.6	6.0	8
KAFB-106S5-446	GWS5-446-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106S5-446	GWS5-446-211	mg/l	Y			0.041	0.10	0.21
KAFB-106S5-446	GWS5-446-211	mg/l	Y			0.040	0.075	0.1
KAFB-106S5-446	GWS5-446-211	mg/l	Y			0.20	0.45	0.5
KAFB-106S5-446	GWS5-446-211	mg/l	Y			0.24	0.50	1
KAFB-106S5-446	GWS5-446-211	mg/l	Y			0.096	0.15	0.2
KAFB-106S5-446	GWS5-446-211	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S5-446	GWS5-446-211	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106S5-446	GWS5-446-211	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S5-446	GWS5-446-211	ug/l	Y	J	DM	0.48	0.95	1.4
KAFB-106S5-446	GWS5-446-211	ug/l	Y		D	20	40	50
KAFB-106S5-446	GWS5-446-211	ug/l	Y		D	10	25	50
KAFB-106S5-446	GWS5-446-211	ug/l	Y			70	140	300
KAFB-106S5-446	GWS5-446-211	ug/l	Y		D	10	25	50
KAFB-106S7-451	GWS7-451-211	mg/l	Y	J	JD	1.5	4.5	5
KAFB-106S7-451	GWS7-451-211	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106S7-451	GWS7-451-211	mg/l	Y		D	10	15	20
KAFB-106S7-451	GWS7-451-211	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S7-451	GWS7-451-211	mg/l	Y			2.6	6.0	8
KAFB-106S7-451	GWS7-451-211	mg/l	Y			2.6	6.0	8
KAFB-106S7-451	GWS7-451-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106S7-451	GWS7-451-211	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106S7-451	GWS7-451-211	mg/l	Y			0.040	0.075	0.1
KAFB-106S7-451	GWS7-451-211	mg/l	Y			0.20	0.45	0.5
KAFB-106S7-451	GWS7-451-211	mg/l	Y			0.24	0.50	1
KAFB-106S7-451	GWS7-451-211	mg/l	Y			0.096	0.15	0.2
KAFB-106S7-451	GWS7-451-211	mg/l	Y			0.0031	0.0052	0.01

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S7-451	GWS7-451-211	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106S7-451	GWS7-451-211	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S7-451	GWS7-451-211	ug/l	Y	J	D	0.48	0.96	1.4
KAFB-106S7-451	GWS7-451-211	ug/l	Y			0.20	0.50	1
KAFB-106S7-451	GWS7-451-211	ug/l	Y		D	4.0	8.0	10
KAFB-106S7-451	GWS7-451-211	ug/l	Y		D	2.0	5.0	10
KAFB-106S7-451	GWS7-451-211	ug/l	Y			14	28	60
KAFB-106S3-449	GWS3-449-211	mg/l	N	U	JD	1.5	5.0	5
KAFB-106S3-449	GWS3-449-211	mg/l	Y		DB	1.3	2.0	2.5
KAFB-106S3-449	GWS3-449-211	mg/l	Y		DB	10	15	20
KAFB-106S3-449	GWS3-449-211	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S3-449	GWS3-449-211	mg/l	Y			2.6	6.0	8
KAFB-106S3-449	GWS3-449-211	mg/l	Y			2.6	6.0	8
KAFB-106S3-449	GWS3-449-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106S3-449	GWS3-449-211	mg/l	Y			0.041	0.10	0.21
KAFB-106S3-449	GWS3-449-211	mg/l	Y			0.040	0.075	0.1
KAFB-106S3-449	GWS3-449-211	mg/l	Y			0.20	0.45	0.5
KAFB-106S3-449	GWS3-449-211	mg/l	Y			0.24	0.50	1
KAFB-106S3-449	GWS3-449-211	mg/l	Y			0.096	0.15	0.2
KAFB-106S3-449	GWS3-449-211	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S3-449	GWS3-449-211	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106S3-449	GWS3-449-211	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S3-449	GWS3-449-211	ug/l	Y	J	D	0.096	0.19	0.29
KAFB-106S3-449	GWS3-449-211	ug/l	Y			0.40	0.80	1
KAFB-106S3-449	GWS3-449-211	ug/l	Y			0.20	0.50	1
KAFB-106S3-449	GWS3-449-211	ug/l	Y			14	28	60
KAFB-106S3-449	GWS3-449-211	ug/l	Y		D	2.0	5.0	10
KAFB-106152-484	GW152-484-211	mg/l	N	U	JD	1.5	5.0	5
KAFB-106152-484	GW152-484-211	mg/l	N	U	JDB	1.3	2.5	2.5
KAFB-106152-484	GW152-484-211	mg/l	Y		DB	10	15	20
KAFB-106152-484	GW152-484-211	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106152-484	GW152-484-211	mg/l	Y			2.6	6.0	8
KAFB-106152-484	GW152-484-211	mg/l	Y			2.6	6.0	8
KAFB-106152-484	GW152-484-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106152-484	GW152-484-211	mg/l	Y			0.041	0.10	0.21
KAFB-106152-484	GW152-484-211	mg/l	Y			0.040	0.075	0.1
KAFB-106152-484	GW152-484-211	mg/l	Y			0.20	0.45	0.5
KAFB-106152-484	GW152-484-211	mg/l	Y			0.24	0.50	1
KAFB-106152-484	GW152-484-211	mg/l	Y			0.096	0.15	0.2
KAFB-106152-484	GW152-484-211	mg/l	Y			0.0031	0.0052	0.01
KAFB-106152-484	GW152-484-211	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106152-484	GW152-484-211	mg/l	Y			0.00068	0.0016	0.002
KAFB-106152-484	GW152-484-211	ug/l	Y	J	J1	0.0096	0.019	0.029
KAFB-106S9-447	GWS9-447-211	mg/l	N	U	JDB	1.3	2.5	2.5
KAFB-106S9-447	GWS9-447-211	mg/l	Y		D	15	45	50
KAFB-106S9-447	GWS9-447-211	mg/l	Y		DB	10	15	20
KAFB-106S9-447	GWS9-447-211	mg/l	Y			0.040	0.090	0.1
KAFB-106S9-447	GWS9-447-211	mg/l	Y			2.6	6.0	8
KAFB-106S9-447	GWS9-447-211	mg/l	Y			2.6	6.0	8
KAFB-106S9-447	GWS9-447-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106S9-447	GWS9-447-211	mg/l	N	U	J	0.041	0.21	0.21
KAFB-106S9-447	GWS9-447-211	mg/l	Y			0.040	0.075	0.1
KAFB-106S9-447	GWS9-447-211	mg/l	Y			0.20	0.45	0.5
KAFB-106S9-447	GWS9-447-211	mg/l	Y			0.24	0.50	1
KAFB-106S9-447	GWS9-447-211	mg/l	Y			0.096	0.15	0.2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S9-447	GWS9-447-211	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S9-447	GWS9-447-211	mg/l	Y			0.000071	0.00025	0.0005
KAFB-106S9-447	GWS9-447-211	mg/l	Y			0.00068	0.0016	0.002
KAFB-106S9-447	GWS9-447-211	ug/l	Y	J	D	0.19	0.39	0.58
KAFB-106S9-447	GWS9-447-211	ug/l	Y		D	2.0	4.0	5
KAFB-106S9-447	GWS9-447-211	ug/l	Y		D	1.0	2.5	5
KAFB-106S9-447	GWS9-447-211	ug/l	Y			7.0	14	30
KAFB-106S9-447	GWS9-447-211	ug/l	Y		D	10	25	50
KAFB-106151-484	GW151-484-211	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106151-484	GW151-484-211	mg/l	Y		D	15	45	50
KAFB-106151-484	GW151-484-211	mg/l	Y		D	10	15	20
KAFB-106151-484	GW151-484-211	mg/l	Y			0.040	0.090	0.1
KAFB-106151-484	GW151-484-211	mg/l	Y			2.6	6.0	8
KAFB-106151-484	GW151-484-211	mg/l	Y			2.6	6.0	8
KAFB-106151-484	GW151-484-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106151-484	GW151-484-211	mg/l	N	U	J	0.041	0.21	0.21
KAFB-106151-484	GW151-484-211	mg/l	Y			0.040	0.075	0.1
KAFB-106151-484	GW151-484-211	mg/l	Y			0.20	0.45	0.5
KAFB-106151-484	GW151-484-211	mg/l	Y			0.24	0.50	1
KAFB-106151-484	GW151-484-211	mg/l	Y			0.096	0.15	0.2
KAFB-106151-484	GW151-484-211	mg/l	Y			0.0031	0.0052	0.01
KAFB-106151-484	GW151-484-211	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106151-484	GW151-484-211	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106151-484	GW151-484-211	ug/l	Y	J	M	0.0095	0.019	0.029
KAFB-106012R	GW012R-211	mg/l	Y	J	JD	1.3	2.0	2.5
KAFB-106012R	GW012R-211	mg/l	Y		D	15	45	50
KAFB-106012R	GW012R-211	mg/l	Y		D	10	15	20
KAFB-106012R	GW012R-211	mg/l	Y			0.20	0.45	0.5
KAFB-106012R	GW012R-211	mg/l	Y			2.6	6.0	8
KAFB-106012R	GW012R-211	mg/l	Y			2.6	6.0	8
KAFB-106012R	GW012R-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106012R	GW012R-211	mg/l	Y			0.040	0.075	0.1
KAFB-106012R	GW012R-211	mg/l	Y			0.20	0.45	0.5
KAFB-106012R	GW012R-211	mg/l	Y			0.24	0.50	1
KAFB-106012R	GW012R-211	mg/l	Y			0.096	0.15	0.2
KAFB-106012R	GW012R-211	mg/l	N	UJ	UJ1	0.041	0.10	0.21
KAFB-106012R	GW012R-211	mg/l	N	UJ	UJ1	0.0031	0.0052	0.01
KAFB-106012R	GW012R-211	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106012R	GW012R-211	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106012R	GW012R-211	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106012R	GW012R-211	ug/l	N	U	U	0.40	0.80	1
KAFB-106012R	GW012R-211	ug/l	Y	J	J	0.20	0.50	1
KAFB-106012R	GW012R-211	ug/l	N	U	U	1.4	2.8	6
KAFB-106012R	GW012R-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106009	GW009-211	mg/l	Y	J	D	1.3	2.0	2.5
KAFB-106009	GW009-211	mg/l	Y		D	15	45	50
KAFB-106009	GW009-211	mg/l	Y		D	10	15	20
KAFB-106009	GW009-211	mg/l	Y			0.080	0.18	0.2
KAFB-106009	GW009-211	mg/l	Y			2.6	6.0	8
KAFB-106009	GW009-211	mg/l	Y			2.6	6.0	8
KAFB-106009	GW009-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106009	GW009-211	mg/l	Y		B	0.040	0.075	0.1
KAFB-106009	GW009-211	mg/l	Y			0.20	0.45	0.5
KAFB-106009	GW009-211	mg/l	Y			0.24	0.50	1
KAFB-106009	GW009-211	mg/l	Y		B	0.096	0.15	0.2

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106009	GW009-211	mg/l	Y			0.041	0.10	0.21
KAFB-106009	GW009-211	mg/l	Y			0.0031	0.0052	0.01
KAFB-106009	GW009-211	mg/l	N	U	J	0.000071	0.00050	0.0005
KAFB-106009	GW009-211	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106009	GW009-211	ug/l	Y			0.0096	0.019	0.029
KAFB-106009	GW009-211	ug/l	N	U	U	0.40	0.80	1
KAFB-106009	GW009-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106009	GW009-211	ug/l	N	U	U	1.4	2.8	6
KAFB-106009	GW009-211	ug/l	Y			0.20	0.50	1
KAFB-106009	GW009-611	mg/l	Y	J	D	1.3	2.0	2.5
KAFB-106009	GW009-611	mg/l	Y		D	15	45	50
KAFB-106009	GW009-611	mg/l	Y		D	10	15	20
KAFB-106009	GW009-611	mg/l	Y			0.080	0.18	0.2
KAFB-106009	GW009-611	mg/l	Y			2.6	6.0	8
KAFB-106009	GW009-611	mg/l	Y			2.6	6.0	8
KAFB-106009	GW009-611	mg/l	N	U	U	2.6	6.0	8
KAFB-106009	GW009-611	mg/l	Y		B	0.040	0.075	0.1
KAFB-106009	GW009-611	mg/l	Y			0.20	0.45	0.5
KAFB-106009	GW009-611	mg/l	Y			0.24	0.50	1
KAFB-106009	GW009-611	mg/l	Y		B	0.096	0.15	0.2
KAFB-106009	GW009-611	mg/l	Y	J	J1	0.041	0.10	0.21
KAFB-106009	GW009-611	mg/l	Y	J	J1	0.0031	0.0052	0.01
KAFB-106009	GW009-611	mg/l	N	U	U	0.000071	0.00025	0.0005
KAFB-106009	GW009-611	mg/l	N	U	U	0.00068	0.0016	0.002
KAFB-106009	GW009-611	ug/l	Y			0.0096	0.019	0.029
KAFB-106009	GW009-611	ug/l	N	U	U	0.40	0.80	1
KAFB-106009	GW009-611	ug/l	N	U	U	0.20	0.50	1
KAFB-106009	GW009-611	ug/l	N	U	U	1.4	2.8	6
KAFB-106009	GW009-611	ug/l	N	U	U	0.20	0.50	1
KAFB-106009	GW009-611	ug/l	N	U	U	1.4	2.8	6
KAFB-106009	GW009-611	ug/l	Y			0.20	0.50	1
KAFB-106013	GW013-211	ug/l	N	UJ	U^c	0.0096	0.019	0.029
KAFB-106013	GW013-211	ug/l	N	U	U	0.40	0.80	1
KAFB-106013	GW013-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106013	GW013-211	ug/l	N	U	U	1.4	2.8	6
KAFB-106013	GW013-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-211	ug/l	N	UJ	U^c	0.0097	0.019	0.029
KAFB-106098	GW098-211	ug/l	N	U	U	0.40	0.80	1
KAFB-106098	GW098-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106098	GW098-211	ug/l	N	U	U	1.4	2.8	6
KAFB-106098	GW098-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-211	ug/l	N	UJ	U^c	0.0095	0.019	0.029
KAFB-106097	GW097-211	ug/l	N	U	U	0.40	0.80	1
KAFB-106097	GW097-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106097	GW097-211	ug/l	N	U	U	1.4	2.8	6
KAFB-106097	GW097-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-211	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106004	GW004-211	ug/l	N	U	U	0.40	0.80	1
KAFB-106004	GW004-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106004	GW004-211	ug/l	N	U	U	1.4	2.8	6
KAFB-106004	GW004-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-211	ug/l	N	U	U	0.0096	0.019	0.029
KAFB-106100	GW100-211	ug/l	N	U	U	0.40	0.80	1
KAFB-106100	GW100-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106100	GW100-211	ug/l	N	U	U	1.4	2.8	6
KAFB-106100	GW100-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-211	ug/l	N	U	U	0.0096	0.019	0.029

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106099	GW099-211	ug/l	N	U	U	0.40	0.80	1
KAFB-106099	GW099-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106099	GW099-211	ug/l	N	U	U	1.4	2.8	6
KAFB-106099	GW099-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-211	ug/l	N	UJ	UM	0.0096	0.019	0.029
KAFB-106101	GW101-211	ug/l	N	U	U	0.40	0.80	1
KAFB-106101	GW101-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-211	ug/l	N	U	U	1.4	2.8	6
KAFB-106101	GW101-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-611	ug/l	N	UJ	U	0.0097	0.019	0.029
KAFB-106101	GW101-611	ug/l	N	U	U	0.40	0.80	1
KAFB-106101	GW101-611	ug/l	N	U	U	0.20	0.50	1
KAFB-106101	GW101-611	ug/l	N	U	U	1.4	2.8	6
KAFB-106101	GW101-611	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-211	ug/l	N	UJ	U	0.0097	0.019	0.029
KAFB-106102	GW102-211	ug/l	N	U	U	0.40	0.80	1
KAFB-106102	GW102-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106102	GW102-211	ug/l	N	U	U	1.4	2.8	6
KAFB-106102	GW102-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106003	GW003-211	ug/l	N	UJ	U	0.0095	0.019	0.029
KAFB-106003	GW003-211	ug/l	N	U	U	0.40	0.80	1
KAFB-106003	GW003-211	ug/l	N	U	UM	0.20	0.50	1
KAFB-106003	GW003-211	ug/l	N	U	U	1.4	2.8	6
KAFB-106003	GW003-211	ug/l	N	U	U	0.20	0.50	1
KAFB-106S10-443	GWS10-443-211	mg/l	Y		D	1.5	4.5	5
KAFB-106S10-443	GWS10-443-211	mg/l	Y		D	1.0	1.5	2
KAFB-106S10-443	GWS10-443-211	mg/l	N	U	U	1.3	2.0	2.5
KAFB-106S10-443	GWS10-443-211	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106S10-443	GWS10-443-211	mg/l	Y			2.6	6.0	8
KAFB-106S10-443	GWS10-443-211	mg/l	Y			2.6	6.0	8
KAFB-106S10-443	GWS10-443-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106S10-443	GWS10-443-211	mg/l	Y			0.0031	0.0052	0.01
KAFB-106S10-443	GWS10-443-211	mg/l	N	U	U	0.041	0.10	0.21
KAFB-106S10-443	GWS10-443-211	mg/l	Y			0.040	0.075	0.1
KAFB-106S10-443	GWS10-443-211	mg/l	Y			0.24	0.50	1
KAFB-106S10-443	GWS10-443-211	mg/l	Y			0.096	0.15	0.2
KAFB-106S10-443	GWS10-443-211	mg/l	Y			0.20	0.45	0.5
KAFB-106S10-443	GWS10-443-211	mg/l	N	U	J	0.000071	0.00050	0.0005
KAFB-106S10-443	GWS10-443-211	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106S10-443	GWS10-443-211	ug/l	Y		D	19	39	58
KAFB-106S10-443	GWS10-443-211	ug/l	Y		D	580	1000	1300
KAFB-106S10-443	GWS10-443-211	ug/l	Y		D	270	530	590
KAFB-106S10-443	GWS10-443-211	ug/l	Y		D	2.0	4.0	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	UM	1.0	2.5	25
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	Y		D	1.0	2.5	25
KAFB-106S10-443	GWS10-443-211	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	25
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	25
KAFB-106S10-443	GWS10-443-211	ug/l	Y		D	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	15	25	500
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	UM	1.5	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	UM	1.5	5.0	100
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	3.5	10	50

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S10-443	GWS10-443-211	ug/l	Y	J	JD	2.5	5.0	50
KAFB-106S10-443	GWS10-443-211	ug/l	Y		D	1.5	5.0	25
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	25
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.5	5.0	25
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	Y			7.0	14	30
KAFB-106S10-443	GWS10-443-211	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	Y		D	5.0	10	25
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	UM	1.0	2.5	25
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	25
KAFB-106S10-443	GWS10-443-211	ug/l	Y	J	JD	1.5	5.0	50
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.5	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	Y		D	3.5	10	100
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.5	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.5	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	25
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	25
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	UJ	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	Y		D	1.5	5.0	50
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	UM	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	UM	1.0	2.5	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	2.0	5.0	25
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	10	20	25
KAFB-106S10-443	GWS10-443-211	ug/l	Y		D	5.0	10	25
KAFB-106S10-443	GWS10-443-211	ug/l	Y		D	2.0	4.0	5
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	UM	1.0	2.5	25
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.0	2.5	25
KAFB-106S10-443	GWS10-443-211	ug/l	Y		D	5.0	10	25
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.5	5.0	25
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	UM	1.0	2.5	25
KAFB-106S10-443	GWS10-443-211	ug/l	N	U	U	1.5	5.0	25
KAFB-106S10-443	GWS10-443-211	ug/l	Y		D	1.0	2.5	25
KAFB-106S10-443	GWS10-443-211	ug/l	Y	J	JD	1.0	2.5	25
KAFB-106S10-443	GWS10-443-211	ug/l	Y		D	10	25	50

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]
KAFB-106S10-443	GWS10-443-211	ug/l	Y		D	100	250	500
KAFB-106005	GW005-211	mg/l	Y		D	1.5	4.5	5
KAFB-106005	GW005-211	mg/l	Y		D	1.3	2.0	2.5
KAFB-106005	GW005-211	mg/l	Y		D	10	15	20
KAFB-106005	GW005-211	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106005	GW005-211	mg/l	Y			2.6	6.0	8
KAFB-106005	GW005-211	mg/l	Y			2.6	6.0	8
KAFB-106005	GW005-211	mg/l	N	U	U	2.6	6.0	8
KAFB-106005	GW005-211	mg/l	Y			0.0031	0.0052	0.01
KAFB-106005	GW005-211	mg/l	Y	J	J	0.041	0.10	0.21
KAFB-106005	GW005-211	mg/l	Y		B	0.040	0.075	0.1
KAFB-106005	GW005-211	mg/l	Y			0.24	0.50	1
KAFB-106005	GW005-211	mg/l	Y		B	0.096	0.15	0.2
KAFB-106005	GW005-211	mg/l	Y			0.20	0.45	0.5
KAFB-106005	GW005-211	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106005	GW005-211	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106005	GW005-211	ug/l	Y		DM	0.048	0.096	0.14
KAFB-106005	GW005-211	ug/l	Y			0.40	0.80	1
KAFB-106005	GW005-211	ug/l	Y			1.4	2.8	6
KAFB-106005	GW005-211	ug/l	Y		D	2.0	5.0	10
KAFB-106005	GW005-211	ug/l	Y		D	2.0	5.0	10
KAFB-106005	GW005-611	mg/l	Y		D	1.5	4.5	5
KAFB-106005	GW005-611	mg/l	Y		D	1.3	2.0	2.5
KAFB-106005	GW005-611	mg/l	Y		D	10	15	20
KAFB-106005	GW005-611	mg/l	N	U	U	0.040	0.090	0.1
KAFB-106005	GW005-611	mg/l	Y			2.6	6.0	8
KAFB-106005	GW005-611	mg/l	Y			2.6	6.0	8
KAFB-106005	GW005-611	mg/l	N	U	U	2.6	6.0	8
KAFB-106005	GW005-611	mg/l	Y			0.0031	0.0052	0.01
KAFB-106005	GW005-611	mg/l	Y	J	J	0.041	0.10	0.21
KAFB-106005	GW005-611	mg/l	Y		B	0.040	0.075	0.1
KAFB-106005	GW005-611	mg/l	Y			0.24	0.50	1
KAFB-106005	GW005-611	mg/l	Y		B	0.096	0.15	0.2
KAFB-106005	GW005-611	mg/l	Y			0.20	0.45	0.5
KAFB-106005	GW005-611	mg/l	Y	J	J	0.000071	0.00025	0.0005
KAFB-106005	GW005-611	mg/l	Y	J	J	0.00068	0.0016	0.002
KAFB-106005	GW005-611	ug/l	Y		DM	0.048	0.096	0.14
KAFB-106005	GW005-611	ug/l	Y			0.40	0.80	1
KAFB-106005	GW005-611	ug/l	Y			1.4	2.8	6
KAFB-106005	GW005-611	ug/l	Y		D	2.0	5.0	10
KAFB-106005	GW005-611	ug/l	Y		D	2.0	5.0	10

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106236-436	GW236-436-202	mg/l	600	250	NS	250	FALSE
KAFB-106236-436	GW236-436-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-202	mg/l	250	250	NS	250	FALSE
KAFB-106236-436	GW236-436-202	mg/l	10	10	NS	10	FALSE
KAFB-106236-436	GW236-436-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106236-436	GW236-436-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106236-436	GW236-436-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106236-436	GW236-436-202	mg/l	1	NS	NS	1	FALSE
KAFB-106236-436	GW236-436-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106236-470	GW236-470-202	mg/l	600	250	NS	250	FALSE
KAFB-106236-470	GW236-470-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-202	mg/l	250	250	NS	250	FALSE
KAFB-106236-470	GW236-470-202	mg/l	10	10	NS	10	FALSE
KAFB-106236-470	GW236-470-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106236-470	GW236-470-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106236-470	GW236-470-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106236-470	GW236-470-202	mg/l	1	NS	NS	1	FALSE
KAFB-106236-470	GW236-470-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106087	GW087-202	mg/l	600	250	NS	250	FALSE
KAFB-106087	GW087-202	mg/l	250	250	NS	250	FALSE
KAFB-106087	GW087-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-202	mg/l	10	10	NS	10	FALSE
KAFB-106087	GW087-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106087	GW087-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106087	GW087-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106087	GW087-202	mg/l	1	NS	NS	1	FALSE
KAFB-106087	GW087-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106236-499	GW236-499-202	mg/l	600	250	NS	250	FALSE
KAFB-106236-499	GW236-499-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-202	mg/l	250	250	NS	250	FALSE
KAFB-106236-499	GW236-499-202	mg/l	10	10	NS	10	FALSE
KAFB-106236-499	GW236-499-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-202	mgcaco3/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106236-499	GW236-499-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106236-499	GW236-499-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106236-499	GW236-499-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106236-499	GW236-499-202	mg/l	1	NS	NS	1	FALSE
KAFB-106236-499	GW236-499-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106086	GW086-202	mg/l	600	250	NS	250	FALSE
KAFB-106086	GW086-202	mg/l	250	250	NS	250	FALSE
KAFB-106086	GW086-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-202	mg/l	10	10	NS	10	FALSE
KAFB-106086	GW086-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106086	GW086-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106086	GW086-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106086	GW086-202	mg/l	1	NS	NS	1	FALSE
KAFB-106086	GW086-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106235-438	GW235-438-202	mg/l	600	250	NS	250	FALSE
KAFB-106235-438	GW235-438-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-202	mg/l	250	250	NS	250	FALSE
KAFB-106235-438	GW235-438-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-202	mg/l	250	250	NS	250	FALSE
KAFB-106235-438	GW235-438-202	mg/l	10	10	NS	10	FALSE
KAFB-106235-438	GW235-438-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106235-438	GW235-438-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106235-438	GW235-438-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106235-438	GW235-438-202	mg/l	1	NS	NS	1	FALSE
KAFB-106235-438	GW235-438-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106085	GW085-202	mg/l	600	250	NS	250	FALSE
KAFB-106085	GW085-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-202	mg/l	250	250	NS	250	FALSE
KAFB-106085	GW085-202	mg/l	10	10	NS	10	FALSE
KAFB-106085	GW085-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106085	GW085-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106085	GW085-202	ug/l	0.05	0.05	0.075	0.05	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106085	GW085-202	mg/l	1	NS	NS	1	FALSE
KAFB-106085	GW085-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106085	GW085-602	mg/l	600	250	NS	250	FALSE
KAFB-106085	GW085-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-602	mg/l	250	250	NS	250	FALSE
KAFB-106085	GW085-602	mg/l	10	10	NS	10	FALSE
KAFB-106085	GW085-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-602	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106085	GW085-602	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106085	GW085-602	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106085	GW085-602	mg/l	1	NS	NS	1	FALSE
KAFB-106085	GW085-602	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106235-472	GW235-472-202	mg/l	600	250	NS	250	FALSE
KAFB-106235-472	GW235-472-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-202	mg/l	250	250	NS	250	FALSE
KAFB-106235-472	GW235-472-202	mg/l	10	10	NS	10	FALSE
KAFB-106235-472	GW235-472-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106235-472	GW235-472-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106235-472	GW235-472-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106235-472	GW235-472-202	mg/l	1	NS	NS	1	FALSE
KAFB-106235-472	GW235-472-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106235-501	GW235-501-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-202	mg/l	600	250	NS	250	FALSE
KAFB-106235-501	GW235-501-202	mg/l	250	250	NS	250	FALSE
KAFB-106235-501	GW235-501-202	mg/l	10	10	NS	10	FALSE
KAFB-106235-501	GW235-501-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106235-501	GW235-501-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106235-501	GW235-501-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106235-501	GW235-501-202	mg/l	1	NS	NS	1	FALSE
KAFB-106235-501	GW235-501-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106231	GW231-202	mg/l	600	250	NS	250	FALSE
KAFB-106231	GW231-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-202	mg/l	250	250	NS	250	FALSE
KAFB-106231	GW231-202	mg/l	10	10	NS	10	FALSE
KAFB-106231	GW231-202	mgcaco3/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106231	GW231-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106231	GW231-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106231	GW231-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106231	GW231-202	mg/l	1	NS	NS	1	FALSE
KAFB-106231	GW231-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106227	GW227-202	mg/l	600	250	NS	250	FALSE
KAFB-106227	GW227-202	mg/l	250	250	NS	250	FALSE
KAFB-106227	GW227-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-202	mg/l	10	10	NS	10	FALSE
KAFB-106227	GW227-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106227	GW227-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106227	GW227-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106227	GW227-202	mg/l	1	NS	NS	1	FALSE
KAFB-106227	GW227-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106232	GW232-202	mg/l	600	250	NS	250	FALSE
KAFB-106232	GW232-202	mg/l	250	250	NS	250	FALSE
KAFB-106232	GW232-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-202	mg/l	10	10	NS	10	FALSE
KAFB-106232	GW232-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106232	GW232-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106232	GW232-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106232	GW232-202	mg/l	1	NS	NS	1	FALSE
KAFB-106232	GW232-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106226	GW226-202	mg/l	600	250	NS	250	FALSE
KAFB-106226	GW226-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-202	mg/l	250	250	NS	250	FALSE
KAFB-106226	GW226-202	mg/l	10	10	NS	10	FALSE
KAFB-106226	GW226-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-202	mg/l	0.015	0.015	0.015	0.015	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106226	GW226-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106226	GW226-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106226	GW226-202	mg/l	1	NS	NS	1	FALSE
KAFB-106226	GW226-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106031	GW031-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-202	mg/l	600	250	NS	250	FALSE
KAFB-106031	GW031-202	mg/l	250	250	NS	250	FALSE
KAFB-106031	GW031-202	mg/l	10	10	NS	10	FALSE
KAFB-106031	GW031-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106031	GW031-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106031	GW031-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106031	GW031-202	mg/l	1	NS	NS	1	FALSE
KAFB-106031	GW031-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106225	GW225-202	mg/l	250	250	NS	250	FALSE
KAFB-106225	GW225-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-202	mg/l	600	250	NS	250	FALSE
KAFB-106225	GW225-202	mg/l	10	10	NS	10	FALSE
KAFB-106225	GW225-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106225	GW225-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106225	GW225-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106225	GW225-202	mg/l	1	NS	NS	1	FALSE
KAFB-106225	GW225-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106225	GW225-602	mg/l	600	250	NS	250	FALSE
KAFB-106225	GW225-602	mg/l	250	250	NS	250	FALSE
KAFB-106225	GW225-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-602	mg/l	10	10	NS	10	FALSE
KAFB-106225	GW225-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-602	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106225	GW225-602	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106225	GW225-602	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106225	GW225-602	mg/l	1	NS	NS	1	FALSE
KAFB-106225	GW225-602	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106030	GW030-202	mg/l	600	250	NS	250	FALSE
KAFB-106030	GW030-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-202	mg/l	250	250	NS	250	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106030	GW030-202	mg/l	10	10	NS	10	FALSE
KAFB-106030	GW030-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106030	GW030-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106030	GW030-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106030	GW030-202	mg/l	1	NS	NS	1	FALSE
KAFB-106030	GW030-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106022	GW022-202	mg/l	600	250	NS	250	FALSE
KAFB-106022	GW022-202	mg/l	250	250	NS	250	FALSE
KAFB-106022	GW022-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-202	mg/l	10	10	NS	10	FALSE
KAFB-106022	GW022-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106022	GW022-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106022	GW022-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106022	GW022-202	mg/l	1	NS	NS	1	FALSE
KAFB-106022	GW022-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106029	GW029-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-202	mg/l	600	250	NS	250	FALSE
KAFB-106029	GW029-202	mg/l	250	250	NS	250	FALSE
KAFB-106029	GW029-202	mg/l	10	10	NS	10	FALSE
KAFB-106029	GW029-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106029	GW029-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106029	GW029-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106029	GW029-202	mg/l	1	NS	NS	1	FALSE
KAFB-106029	GW029-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106015	GW015-202	mg/l	600	250	NS	250	FALSE
KAFB-106015	GW015-202	mg/l	250	250	NS	250	FALSE
KAFB-106015	GW015-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-202	mg/l	10	10	NS	10	FALSE
KAFB-106015	GW015-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-202	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106015	GW015-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106015	GW015-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106015	GW015-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106015	GW015-202	mg/l	1	NS	NS	1	FALSE
KAFB-106015	GW015-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106242-418	GW242-418-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-202	mg/l	600	250	NS	250	FALSE
KAFB-106242-418	GW242-418-202	mg/l	250	250	NS	250	FALSE
KAFB-106242-418	GW242-418-202	mg/l	10	10	NS	10	FALSE
KAFB-106242-418	GW242-418-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106242-418	GW242-418-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106242-418	GW242-418-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106242-418	GW242-418-202	mg/l	1	NS	NS	1	FALSE
KAFB-106242-418	GW242-418-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106021	GW021-202	mg/l	600	250	NS	250	FALSE
KAFB-106021	GW021-202	mg/l	250	250	NS	250	FALSE
KAFB-106021	GW021-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-202	mg/l	10	10	NS	10	FALSE
KAFB-106021	GW021-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106021	GW021-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106021	GW021-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106021	GW021-202	mg/l	1	NS	NS	1	FALSE
KAFB-106021	GW021-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106224	GW224-202	mg/l	600	250	NS	250	FALSE
KAFB-106224	GW224-202	mg/l	250	250	NS	250	FALSE
KAFB-106224	GW224-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-202	mg/l	10	10	NS	10	FALSE
KAFB-106224	GW224-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106224	GW224-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106224	GW224-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106224	GW224-202	mg/l	1	NS	NS	1	FALSE
KAFB-106224	GW224-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106201	GW201-202	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106201	GW201-202	mg/l	600	250	NS	250	FALSE
KAFB-106201	GW201-202	mg/l	250	250	NS	250	FALSE
KAFB-106201	GW201-202	mg/l	10	10	NS	10	FALSE
KAFB-106201	GW201-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106201	GW201-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106201	GW201-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106201	GW201-202	mg/l	1	NS	NS	1	FALSE
KAFB-106201	GW201-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106223	GW223-202	mg/l	600	250	NS	250	FALSE
KAFB-106223	GW223-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-202	mg/l	250	250	NS	250	FALSE
KAFB-106223	GW223-202	mg/l	10	10	NS	10	FALSE
KAFB-106223	GW223-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106223	GW223-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106223	GW223-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106223	GW223-202	mg/l	1	NS	NS	1	FALSE
KAFB-106223	GW223-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106202	GW202-202	mg/l	600	250	NS	250	FALSE
KAFB-106202	GW202-202	mg/l	250	250	NS	250	FALSE
KAFB-106202	GW202-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-202	mg/l	10	10	NS	10	FALSE
KAFB-106202	GW202-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106202	GW202-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106202	GW202-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106202	GW202-202	mg/l	1	NS	NS	1	FALSE
KAFB-106202	GW202-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106222	GW222-202	mg/l	600	250	NS	250	FALSE
KAFB-106222	GW222-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-202	mg/l	250	250	NS	250	FALSE
KAFB-106222	GW222-202	mg/l	10	10	NS	10	FALSE
KAFB-106222	GW222-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-202	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106222	GW222-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106222	GW222-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106222	GW222-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106222	GW222-202	mg/l	1	NS	NS	1	FALSE
KAFB-106222	GW222-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106203	GW203-202	mg/l	600	250	NS	250	FALSE
KAFB-106203	GW203-202	mg/l	250	250	NS	250	FALSE
KAFB-106203	GW203-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-202	mg/l	10	10	NS	10	FALSE
KAFB-106203	GW203-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106203	GW203-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106203	GW203-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106203	GW203-202	mg/l	1	NS	NS	1	FALSE
KAFB-106203	GW203-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106206	GW206-202	mg/l	600	250	NS	250	FALSE
KAFB-106206	GW206-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-202	mg/l	250	250	NS	250	FALSE
KAFB-106206	GW206-202	mg/l	10	10	NS	10	FALSE
KAFB-106206	GW206-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106206	GW206-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106206	GW206-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106206	GW206-202	mg/l	1	NS	NS	1	FALSE
KAFB-106206	GW206-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106219	GW219-202	mg/l	600	250	NS	250	FALSE
KAFB-106219	GW219-202	mg/l	250	250	NS	250	FALSE
KAFB-106219	GW219-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-202	mg/l	10	10	NS	10	FALSE
KAFB-106219	GW219-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106219	GW219-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106219	GW219-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106219	GW219-202	mg/l	1	NS	NS	1	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106219	GW219-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106205	GW205-202	mg/l	600	250	NS	250	FALSE
KAFB-106205	GW205-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-202	mg/l	250	250	NS	250	FALSE
KAFB-106205	GW205-202	mg/l	10	10	NS	10	FALSE
KAFB-106205	GW205-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106205	GW205-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106205	GW205-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106205	GW205-202	mg/l	1	NS	NS	1	FALSE
KAFB-106205	GW205-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106220	GW220-202	mg/l	600	250	NS	250	FALSE
KAFB-106220	GW220-202	mg/l	250	250	NS	250	FALSE
KAFB-106220	GW220-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-202	mg/l	10	10	NS	10	FALSE
KAFB-106220	GW220-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106220	GW220-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106220	GW220-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106220	GW220-202	mg/l	1	NS	NS	1	FALSE
KAFB-106220	GW220-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106221	GW221-202	mg/l	600	250	NS	250	FALSE
KAFB-106221	GW221-202	mg/l	250	250	NS	250	FALSE
KAFB-106221	GW221-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-202	mg/l	10	10	NS	10	FALSE
KAFB-106221	GW221-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106221	GW221-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106221	GW221-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106221	GW221-202	mg/l	1	NS	NS	1	FALSE
KAFB-106221	GW221-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106204	GW204-202	mg/l	600	250	NS	250	FALSE
KAFB-106204	GW204-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-202	mg/l	250	250	NS	250	FALSE
KAFB-106204	GW204-202	mg/l	10	10	NS	10	FALSE
KAFB-106204	GW204-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-202	mgcaco3/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106204	GW204-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106204	GW204-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106204	GW204-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106204	GW204-202	mg/l	1	NS	NS	1	FALSE
KAFB-106204	GW204-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106055	GW055-202	mg/l	600	250	NS	250	FALSE
KAFB-106055	GW055-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-202	mg/l	250	250	NS	250	FALSE
KAFB-106055	GW055-202	mg/l	10	10	NS	10	FALSE
KAFB-106055	GW055-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106055	GW055-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106055	GW055-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106055	GW055-202	mg/l	1	NS	NS	1	FALSE
KAFB-106055	GW055-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106218	GW218-202	mg/l	600	250	NS	250	FALSE
KAFB-106218	GW218-202	mg/l	250	250	NS	250	FALSE
KAFB-106218	GW218-202	mg/l	250	250	NS	250	FALSE
KAFB-106218	GW218-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-202	mg/l	10	10	NS	10	FALSE
KAFB-106218	GW218-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106218	GW218-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106218	GW218-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106218	GW218-202	mg/l	1	NS	NS	1	FALSE
KAFB-106218	GW218-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106057	GW057-202	mg/l	600	250	NS	250	FALSE
KAFB-106057	GW057-202	mg/l	250	250	NS	250	FALSE
KAFB-106057	GW057-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106057	GW057-202	mg/l	10	10	NS	10	FALSE
KAFB-106057	GW057-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106057	GW057-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106057	GW057-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106057	GW057-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106057	GW057-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106057	GW057-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106057	GW057-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106057	GW057-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106057	GW057-202	mg/l	0.01	0.01	0.00052	0.01	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106057	GW057-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106057	GW057-202	mg/l	1	NS	NS	1	FALSE
KAFB-106057	GW057-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106217	GW217-202	mg/l	600	250	NS	250	FALSE
KAFB-106217	GW217-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-202	mg/l	250	250	NS	250	FALSE
KAFB-106217	GW217-202	mg/l	10	10	NS	10	FALSE
KAFB-106217	GW217-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106217	GW217-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106217	GW217-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106217	GW217-202	mg/l	1	NS	NS	1	FALSE
KAFB-106217	GW217-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106229	GW229-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106216	GW216-202	mg/l	600	250	NS	250	FALSE
KAFB-106216	GW216-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-202	mg/l	250	250	NS	250	FALSE
KAFB-106216	GW216-202	mg/l	10	10	NS	10	FALSE
KAFB-106216	GW216-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106216	GW216-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106216	GW216-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106216	GW216-202	mg/l	1	NS	NS	1	FALSE
KAFB-106216	GW216-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106052	GW052-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-202	mg/l	600	250	NS	250	FALSE
KAFB-106052	GW052-202	mg/l	250	250	NS	250	FALSE
KAFB-106052	GW052-202	mg/l	10	10	NS	10	FALSE
KAFB-106052	GW052-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106052	GW052-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106052	GW052-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106052	GW052-202	mg/l	1	NS	NS	1	FALSE
KAFB-106052	GW052-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106032	GW032-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-202	mg/l	600	250	NS	250	FALSE
KAFB-106032	GW032-202	mg/l	250	250	NS	250	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106032	GW032-202	mg/l	10	10	NS	10	FALSE
KAFB-106032	GW032-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106032	GW032-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106032	GW032-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106032	GW032-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106032	GW032-202	mg/l	1	NS	NS	1	FALSE
KAFB-106053	GW053-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106053	GW053-202	mg/l	600	250	NS	250	FALSE
KAFB-106053	GW053-202	mg/l	250	250	NS	250	FALSE
KAFB-106053	GW053-202	mg/l	10	10	NS	10	FALSE
KAFB-106053	GW053-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106053	GW053-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106053	GW053-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106053	GW053-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106053	GW053-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106053	GW053-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106053	GW053-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106053	GW053-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106053	GW053-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106053	GW053-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106053	GW053-202	mg/l	1	NS	NS	1	FALSE
KAFB-106053	GW053-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106033	GW033-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-202	mg/l	600	250	NS	250	FALSE
KAFB-106033	GW033-202	mg/l	250	250	NS	250	FALSE
KAFB-106033	GW033-202	mg/l	10	10	NS	10	FALSE
KAFB-106033	GW033-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106033	GW033-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106033	GW033-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106033	GW033-202	mg/l	1	NS	NS	1	FALSE
KAFB-106033	GW033-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106054	GW054-202	mg/l	600	250	NS	250	FALSE
KAFB-106054	GW054-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106054	GW054-202	mg/l	250	250	NS	250	FALSE
KAFB-106054	GW054-202	mg/l	10	10	NS	10	FALSE
KAFB-106054	GW054-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106054	GW054-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106054	GW054-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106054	GW054-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106054	GW054-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106054	GW054-202	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106054	GW054-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106054	GW054-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106054	GW054-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106054	GW054-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106054	GW054-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106054	GW054-202	mg/l	1	NS	NS	1	FALSE
KAFB-106034	GW034-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-202	mg/l	600	250	NS	250	FALSE
KAFB-106034	GW034-202	mg/l	250	250	NS	250	FALSE
KAFB-106034	GW034-202	mg/l	10	10	NS	10	FALSE
KAFB-106034	GW034-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106034	GW034-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106034	GW034-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106034	GW034-202	mg/l	1	NS	NS	1	FALSE
KAFB-106034	GW034-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106025	GW025-202	mg/l	600	250	NS	250	FALSE
KAFB-106025	GW025-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-202	mg/l	250	250	NS	250	FALSE
KAFB-106025	GW025-202	mg/l	10	10	NS	10	FALSE
KAFB-106025	GW025-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106025	GW025-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106025	GW025-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106025	GW025-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106025	GW025-202	mg/l	1	NS	NS	1	FALSE
KAFB-106215	GW215-202	mg/l	600	250	NS	250	FALSE
KAFB-106215	GW215-202	mg/l	250	250	NS	250	FALSE
KAFB-106215	GW215-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-202	mg/l	10	10	NS	10	FALSE
KAFB-106215	GW215-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106215	GW215-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106215	GW215-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106215	GW215-202	mg/l	1	NS	NS	1	FALSE
KAFB-106215	GW215-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106107	GW107-202	mg/l	600	250	NS	250	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106107	GW107-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-202	mg/l	250	250	NS	250	FALSE
KAFB-106107	GW107-202	mg/l	10	10	NS	10	FALSE
KAFB-106107	GW107-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106107	GW107-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106107	GW107-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106107	GW107-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106107	GW107-202	mg/l	1	NS	NS	1	FALSE
KAFB-106214	GW214-202	mg/l	600	250	NS	250	FALSE
KAFB-106214	GW214-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-202	mg/l	250	250	NS	250	FALSE
KAFB-106214	GW214-202	mg/l	10	10	NS	10	FALSE
KAFB-106214	GW214-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106214	GW214-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106214	GW214-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106214	GW214-202	mg/l	1	NS	NS	1	FALSE
KAFB-106214	GW214-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106105	GW105-202	mg/l	600	250	NS	250	FALSE
KAFB-106105	GW105-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106105	GW105-202	mg/l	250	250	NS	250	FALSE
KAFB-106105	GW105-202	mg/l	10	10	NS	10	FALSE
KAFB-106105	GW105-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106105	GW105-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106105	GW105-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106105	GW105-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106105	GW105-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106105	GW105-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106105	GW105-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106105	GW105-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106105	GW105-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106105	GW105-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106105	GW105-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106105	GW105-202	mg/l	1	NS	NS	1	FALSE
KAFB-106213	GW213-202	mg/l	600	250	NS	250	FALSE
KAFB-106213	GW213-202	mg/l	250	250	NS	250	FALSE
KAFB-106213	GW213-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106213	GW213-202	mg/l	10	10	NS	10	FALSE
KAFB-106213	GW213-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106213	GW213-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106213	GW213-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106213	GW213-202	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106213	GW213-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106213	GW213-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106213	GW213-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106213	GW213-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106213	GW213-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106213	GW213-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106213	GW213-202	mg/l	1	NS	NS	1	FALSE
KAFB-106213	GW213-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106106	GW106-202	mg/l	600	250	NS	250	FALSE
KAFB-106106	GW106-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-202	mg/l	250	250	NS	250	FALSE
KAFB-106106	GW106-202	mg/l	10	10	NS	10	FALSE
KAFB-106106	GW106-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106106	GW106-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106106	GW106-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106106	GW106-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106106	GW106-202	mg/l	1	NS	NS	1	FALSE
KAFB-106106	GW106-602	mg/l	600	250	NS	250	FALSE
KAFB-106106	GW106-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-602	mg/l	250	250	NS	250	FALSE
KAFB-106106	GW106-602	mg/l	10	10	NS	10	FALSE
KAFB-106106	GW106-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-602	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106106	GW106-602	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106106	GW106-602	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106106	GW106-602	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106106	GW106-602	mg/l	1	NS	NS	1	FALSE
KAFB-106037	GW037-202	mg/l	600	250	NS	250	FALSE
KAFB-106037	GW037-202	mg/l	250	250	NS	250	FALSE
KAFB-106037	GW037-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-202	mg/l	10	10	NS	10	FALSE
KAFB-106037	GW037-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106037	GW037-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106037	GW037-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106037	GW037-202	mg/l	0.2	NS	NS	0.2	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106037	GW037-202	mg/l	1	NS	NS	1	FALSE
KAFB-106037	GW037-602	mg/l	600	250	NS	250	FALSE
KAFB-106037	GW037-602	mg/l	250	250	NS	250	FALSE
KAFB-106037	GW037-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-602	mg/l	10	10	NS	10	FALSE
KAFB-106037	GW037-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-602	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106037	GW037-602	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106037	GW037-602	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106037	GW037-602	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106037	GW037-602	mg/l	1	NS	NS	1	FALSE
KAFB-106092	GW092-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-202	mg/l	600	250	NS	250	FALSE
KAFB-106092	GW092-202	mg/l	250	250	NS	250	FALSE
KAFB-106092	GW092-202	mg/l	10	10	NS	10	FALSE
KAFB-106092	GW092-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106092	GW092-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106092	GW092-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106092	GW092-202	mg/l	1	NS	NS	1	FALSE
KAFB-106092	GW092-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106036	GW036-202	mg/l	600	250	NS	250	FALSE
KAFB-106036	GW036-202	mg/l	250	250	NS	250	FALSE
KAFB-106036	GW036-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-202	mg/l	10	10	NS	10	FALSE
KAFB-106036	GW036-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106036	GW036-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106036	GW036-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106036	GW036-202	mg/l	1	NS	NS	1	FALSE
KAFB-106036	GW036-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106093	GW093-202	mg/l	600	250	NS	250	FALSE
KAFB-106093	GW093-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106093	GW093-202	mg/l	250	250	NS	250	FALSE
KAFB-106093	GW093-202	mg/l	10	10	NS	10	FALSE
KAFB-106093	GW093-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106093	GW093-202	mgcaco3/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106093	GW093-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106093	GW093-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106093	GW093-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106093	GW093-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106093	GW093-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106093	GW093-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106093	GW093-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106093	GW093-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106093	GW093-202	mg/l	1	NS	NS	1	FALSE
KAFB-106093	GW093-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106035	GW035-202	mg/l	600	250	NS	250	FALSE
KAFB-106035	GW035-202	mg/l	250	250	NS	250	FALSE
KAFB-106035	GW035-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-202	mg/l	10	10	NS	10	FALSE
KAFB-106035	GW035-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106035	GW035-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106035	GW035-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106035	GW035-202	mg/l	1	NS	NS	1	FALSE
KAFB-106035	GW035-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106091	GW091-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-202	mg/l	600	250	NS	250	FALSE
KAFB-106091	GW091-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-202	mg/l	600	250	NS	250	FALSE
KAFB-106091	GW091-202	mg/l	250	250	NS	250	FALSE
KAFB-106091	GW091-202	mg/l	10	10	NS	10	FALSE
KAFB-106091	GW091-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106091	GW091-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106091	GW091-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106091	GW091-202	mg/l	1	NS	NS	1	FALSE
KAFB-106091	GW091-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106091	GW091-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-602	mg/l	600	250	NS	250	FALSE
KAFB-106091	GW091-602	mg/l	250	250	NS	250	FALSE
KAFB-106091	GW091-602	mg/l	10	10	NS	10	FALSE
KAFB-106091	GW091-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-602	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106091	GW091-602	mg/l	0.01	0.01	0.00052	0.01	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106091	GW091-602	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106091	GW091-602	mg/l	1	NS	NS	1	FALSE
KAFB-106091	GW091-602	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106212	GW212-202	mg/l	600	250	NS	250	FALSE
KAFB-106212	GW212-202	mg/l	250	250	NS	250	FALSE
KAFB-106212	GW212-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-202	mg/l	10	10	NS	10	FALSE
KAFB-106212	GW212-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106212	GW212-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106212	GW212-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106212	GW212-202	mg/l	1	NS	NS	1	FALSE
KAFB-106212	GW212-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106241-428	GW241-428-202	mg/l	600	250	NS	250	FALSE
KAFB-106241-428	GW241-428-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-202	mg/l	250	250	NS	250	FALSE
KAFB-106241-428	GW241-428-202	mg/l	10	10	NS	10	FALSE
KAFB-106241-428	GW241-428-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106241-428	GW241-428-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106241-428	GW241-428-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106241-428	GW241-428-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106241-428	GW241-428-202	mg/l	1	NS	NS	1	FALSE
KAFB-106243-425	GW243-425-202	mg/l	600	250	NS	250	FALSE
KAFB-106243-425	GW243-425-202	mg/l	250	250	NS	250	FALSE
KAFB-106243-425	GW243-425-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-202	mg/l	10	10	NS	10	FALSE
KAFB-106243-425	GW243-425-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106243-425	GW243-425-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106243-425	GW243-425-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106243-425	GW243-425-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106243-425	GW243-425-202	mg/l	1	NS	NS	1	FALSE
KAFB-106058	GW058-202	mg/l	600	250	NS	250	FALSE
KAFB-106058	GW058-202	mg/l	250	250	NS	250	FALSE
KAFB-106058	GW058-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-202	mg/l	10	10	NS	10	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106058	GW058-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106058	GW058-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106058	GW058-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106058	GW058-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106058	GW058-202	mg/l	1	NS	NS	1	FALSE
KAFB-106058	GW058-602	mg/l	600	250	NS	250	FALSE
KAFB-106058	GW058-602	mg/l	250	250	NS	250	FALSE
KAFB-106058	GW058-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-602	mg/l	10	10	NS	10	FALSE
KAFB-106058	GW058-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-602	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106058	GW058-602	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106058	GW058-602	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106058	GW058-602	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106058	GW058-602	mg/l	1	NS	NS	1	FALSE
KAFB-106090	GW090-202	mg/l	600	250	NS	250	FALSE
KAFB-106090	GW090-202	mg/l	250	250	NS	250	FALSE
KAFB-106090	GW090-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-202	mg/l	10	10	NS	10	FALSE
KAFB-106090	GW090-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106090	GW090-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106090	GW090-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106090	GW090-202	mg/l	1	NS	NS	1	FALSE
KAFB-106090	GW090-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106089	GW089-202	mg/l	600	250	NS	250	FALSE
KAFB-106089	GW089-202	mg/l	250	250	NS	250	FALSE
KAFB-106089	GW089-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106089	GW089-202	mg/l	10	10	NS	10	FALSE
KAFB-106089	GW089-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106089	GW089-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106089	GW089-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106089	GW089-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106089	GW089-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106089	GW089-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106089	GW089-202	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106089	GW089-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106089	GW089-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106089	GW089-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106089	GW089-202	mg/l	1	NS	NS	1	FALSE
KAFB-106089	GW089-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106240-449	GW240-449-202	mg/l	600	250	NS	250	FALSE
KAFB-106240-449	GW240-449-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-202	mg/l	250	250	NS	250	FALSE
KAFB-106240-449	GW240-449-202	mg/l	10	10	NS	10	FALSE
KAFB-106240-449	GW240-449-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106240-449	GW240-449-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106240-449	GW240-449-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106240-449	GW240-449-202	ug/l	750	700	15	700	FALSE
KAFB-106240-449	GW240-449-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106240-449	GW240-449-202	ug/l	620	10000	190	620	FALSE
KAFB-106240-449	GW240-449-202	ug/l	10	5	4.6	5	FALSE
KAFB-106240-449	GW240-449-202	mg/l	1	NS	NS	1	FALSE
KAFB-106240-449	GW240-449-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106088	GW088-202	mg/l	600	250	NS	250	FALSE
KAFB-106088	GW088-202	mg/l	250	250	NS	250	FALSE
KAFB-106088	GW088-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-202	mg/l	10	10	NS	10	FALSE
KAFB-106088	GW088-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106088	GW088-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106088	GW088-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106088	GW088-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106088	GW088-202	mg/l	1	NS	NS	1	FALSE
KAFB-106088	GW088-602	mg/l	600	250	NS	250	FALSE
KAFB-106088	GW088-602	mg/l	250	250	NS	250	FALSE
KAFB-106088	GW088-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-602	mg/l	10	10	NS	10	FALSE
KAFB-106088	GW088-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-602	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106088	GW088-602	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106088	GW088-602	ug/l	0.05	0.05	0.075	0.05	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106088	GW088-602	mg/l	1	NS	NS	1	FALSE
KAFB-106088	GW088-602	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106049	GW049-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-202	mg/l	600	250	NS	250	FALSE
KAFB-106049	GW049-202	mg/l	250	250	NS	250	FALSE
KAFB-106049	GW049-202	mg/l	10	10	NS	10	FALSE
KAFB-106049	GW049-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106049	GW049-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106049	GW049-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106049	GW049-202	mg/l	1	NS	NS	1	FALSE
KAFB-106049	GW049-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106244-445	GW244-445-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-202	mg/l	600	250	NS	250	FALSE
KAFB-106244-445	GW244-445-202	mg/l	250	250	NS	250	FALSE
KAFB-106244-445	GW244-445-202	mg/l	10	10	NS	10	FALSE
KAFB-106244-445	GW244-445-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106244-445	GW244-445-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106244-445	GW244-445-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106244-445	GW244-445-202	ug/l	750	700	15	700	FALSE
KAFB-106244-445	GW244-445-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106244-445	GW244-445-202	ug/l	620	10000	190	620	FALSE
KAFB-106244-445	GW244-445-202	ug/l	10	5	4.6	5	FALSE
KAFB-106244-445	GW244-445-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106244-445	GW244-445-202	mg/l	1	NS	NS	1	FALSE
KAFB-106051	GW051-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-202	mg/l	600	250	NS	250	FALSE
KAFB-106051	GW051-202	mg/l	250	250	NS	250	FALSE
KAFB-106051	GW051-202	mg/l	10	10	NS	10	FALSE
KAFB-106051	GW051-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106051	GW051-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106051	GW051-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106051	GW051-202	mg/l	1	NS	NS	1	FALSE
KAFB-106051	GW051-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106050	GW050-202	mg/l	600	250	NS	250	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106050	GW050-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-202	mg/l	250	250	NS	250	FALSE
KAFB-106050	GW050-202	mg/l	10	10	NS	10	FALSE
KAFB-106050	GW050-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106050	GW050-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106050	GW050-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106050	GW050-202	mg/l	1	NS	NS	1	FALSE
KAFB-106050	GW050-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106043	GW043-202	mg/l	600	250	NS	250	FALSE
KAFB-106043	GW043-202	mg/l	250	250	NS	250	FALSE
KAFB-106043	GW043-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-202	mg/l	10	10	NS	10	FALSE
KAFB-106043	GW043-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106043	GW043-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106043	GW043-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106043	GW043-202	mg/l	1	NS	NS	1	FALSE
KAFB-106043	GW043-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106245-460	GW245-460-202	mg/l	600	250	NS	250	FALSE
KAFB-106245-460	GW245-460-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-202	mg/l	250	250	NS	250	FALSE
KAFB-106245-460	GW245-460-202	mg/l	10	10	NS	10	FALSE
KAFB-106245-460	GW245-460-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106245-460	GW245-460-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106245-460	GW245-460-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106245-460	GW245-460-202	ug/l	750	700	15	700	FALSE
KAFB-106245-460	GW245-460-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106245-460	GW245-460-202	ug/l	620	10000	190	620	FALSE
KAFB-106245-460	GW245-460-202	ug/l	10	5	4.6	5	FALSE
KAFB-106245-460	GW245-460-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106245-460	GW245-460-202	mg/l	1	NS	NS	1	FALSE
KAFB-106041	GW041-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-202	mg/l	600	250	NS	250	FALSE
KAFB-106041	GW041-202	mg/l	250	250	NS	250	FALSE
KAFB-106041	GW041-202	mg/l	10	10	NS	10	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106041	GW041-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106041	GW041-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106041	GW041-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106041	GW041-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106041	GW041-202	mg/l	1	NS	NS	1	FALSE
KAFB-106S4-446	GWS4-446-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-202	mg/l	600	250	NS	250	FALSE
KAFB-106S4-446	GWS4-446-202	mg/l	250	250	NS	250	FALSE
KAFB-106S4-446	GWS4-446-202	mg/l	10	10	NS	10	FALSE
KAFB-106S4-446	GWS4-446-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S4-446	GWS4-446-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S4-446	GWS4-446-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106S4-446	GWS4-446-202	ug/l	750	700	15	700	FALSE
KAFB-106S4-446	GWS4-446-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S4-446	GWS4-446-202	ug/l	620	10000	190	620	FALSE
KAFB-106S4-446	GWS4-446-202	ug/l	10	5	4.6	5	FALSE
KAFB-106S4-446	GWS4-446-202	mg/l	1	NS	NS	1	FALSE
KAFB-106S4-446	GWS4-446-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106042	GW042-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-202	mg/l	600	250	NS	250	FALSE
KAFB-106042	GW042-202	mg/l	250	250	NS	250	FALSE
KAFB-106042	GW042-202	mg/l	10	10	NS	10	FALSE
KAFB-106042	GW042-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106042	GW042-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106042	GW042-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106042	GW042-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106042	GW042-202	mg/l	1	NS	NS	1	FALSE
KAFB-106247-450	GW247-450-202	mg/l	600	250	NS	250	FALSE
KAFB-106247-450	GW247-450-202	mg/l	250	250	NS	250	FALSE
KAFB-106247-450	GW247-450-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-202	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106247-450	GW247-450-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106247-450	GW247-450-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106247-450	GW247-450-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106247-450	GW247-450-202	ug/l	750	700	15	700	FALSE
KAFB-106247-450	GW247-450-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106247-450	GW247-450-202	ug/l	620	10000	190	620	FALSE
KAFB-106247-450	GW247-450-202	ug/l	10	5	4.6	5	FALSE
KAFB-106247-450	GW247-450-202	mg/l	1	NS	NS	1	FALSE
KAFB-106247-450	GW247-450-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S1-447	GWS1-447-202	mg/l	600	250	NS	250	FALSE
KAFB-106S1-447	GWS1-447-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-202	mg/l	250	250	NS	250	FALSE
KAFB-106S1-447	GWS1-447-202	mg/l	10	10	NS	10	FALSE
KAFB-106S1-447	GWS1-447-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S1-447	GWS1-447-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S1-447	GWS1-447-202	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S1-447	GWS1-447-202	ug/l	750	700	15	700	FALSE
KAFB-106S1-447	GWS1-447-202	ug/l	620	10000	190	620	FALSE
KAFB-106S1-447	GWS1-447-202	ug/l	750	700	15	700	FALSE
KAFB-106S1-447	GWS1-447-202	ug/l	620	10000	190	620	FALSE
KAFB-106S1-447	GWS1-447-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S1-447	GWS1-447-202	ug/l	10	5	4.6	5	TRUE
KAFB-106S1-447	GWS1-447-202	mg/l	1	NS	NS	1	FALSE
KAFB-106S1-447	GWS1-447-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S2-451	GWS2-451-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-202	mg/l	600	250	NS	250	FALSE
KAFB-106S2-451	GWS2-451-202	mg/l	250	250	NS	250	FALSE
KAFB-106S2-451	GWS2-451-202	mg/l	10	10	NS	10	FALSE
KAFB-106S2-451	GWS2-451-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S2-451	GWS2-451-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S2-451	GWS2-451-202	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S2-451	GWS2-451-202	ug/l	750	700	15	700	FALSE
KAFB-106S2-451	GWS2-451-202	ug/l	620	10000	190	620	FALSE
KAFB-106S2-451	GWS2-451-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S2-451	GWS2-451-202	ug/l	10	5	4.6	5	TRUE
KAFB-106S2-451	GWS2-451-202	mg/l	1	NS	NS	1	FALSE
KAFB-106S2-451	GWS2-451-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106026	GW026-202	mg/l	600	250	NS	250	FALSE
KAFB-106026	GW026-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-202	mg/l	250	250	NS	250	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106026	GW026-202	mg/l	10	10	NS	10	FALSE
KAFB-106026	GW026-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106026	GW026-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106026	GW026-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106026	GW026-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106026	GW026-202	mg/l	1	NS	NS	1	FALSE
KAFB-106028	GW028-202	mg/l	600	250	NS	250	FALSE
KAFB-106028	GW028-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-202	mg/l	250	250	NS	250	FALSE
KAFB-106028	GW028-202	mg/l	10	10	NS	10	FALSE
KAFB-106028	GW028-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106028	GW028-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106028	GW028-202	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106028	GW028-202	ug/l	750	700	15	700	FALSE
KAFB-106028	GW028-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106028	GW028-202	ug/l	620	10000	190	620	FALSE
KAFB-106028	GW028-202	ug/l	10	5	4.6	5	TRUE
KAFB-106028	GW028-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106028	GW028-202	mg/l	1	NS	NS	1	FALSE
KAFB-106028	GW028-602	mg/l	600	250	NS	250	FALSE
KAFB-106028	GW028-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-602	mg/l	250	250	NS	250	FALSE
KAFB-106028	GW028-602	mg/l	10	10	NS	10	FALSE
KAFB-106028	GW028-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-602	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106028	GW028-602	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106028	GW028-602	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106028	GW028-602	ug/l	750	700	15	700	FALSE
KAFB-106028	GW028-602	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106028	GW028-602	ug/l	620	10000	190	620	FALSE
KAFB-106028	GW028-602	ug/l	10	5	4.6	5	TRUE
KAFB-106028	GW028-602	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106028	GW028-602	mg/l	1	NS	NS	1	FALSE
KAFB-106230	GW230-202	mg/l	600	250	NS	250	FALSE
KAFB-106230	GW230-202	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106230	GW230-202	mg/l	250	250	NS	250	FALSE
KAFB-106230	GW230-202	mg/l	10	10	NS	10	FALSE
KAFB-106230	GW230-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106230	GW230-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106230	GW230-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106230	GW230-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106230	GW230-202	mg/l	1	NS	NS	1	FALSE
KAFB-106207	GW207-202	mg/l	600	250	NS	250	FALSE
KAFB-106207	GW207-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-202	mg/l	250	250	NS	250	FALSE
KAFB-106207	GW207-202	mg/l	10	10	NS	10	FALSE
KAFB-106207	GW207-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106207	GW207-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106207	GW207-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106207	GW207-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106207	GW207-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106207	GW207-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106207	GW207-202	mg/l	1	NS	NS	1	FALSE
KAFB-106208	GW208-202	mg/l	600	250	NS	250	FALSE
KAFB-106208	GW208-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-202	mg/l	250	250	NS	250	FALSE
KAFB-106208	GW208-202	mg/l	10	10	NS	10	FALSE
KAFB-106208	GW208-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106208	GW208-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106208	GW208-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106208	GW208-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106208	GW208-202	mg/l	1	NS	NS	1	FALSE
KAFB-106208	GW208-602	mg/l	600	250	NS	250	FALSE
KAFB-106208	GW208-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-602	mg/l	250	250	NS	250	FALSE
KAFB-106208	GW208-602	mg/l	10	10	NS	10	FALSE
KAFB-106208	GW208-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-602	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106208	GW208-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-602	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106208	GW208-602	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106208	GW208-602	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106208	GW208-602	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106208	GW208-602	mg/l	1	NS	NS	1	FALSE
KAFB-106S8-451	GWS8-451-202	mg/l	600	250	NS	250	FALSE
KAFB-106S8-451	GWS8-451-202	mg/l	250	250	NS	250	FALSE
KAFB-106S8-451	GWS8-451-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-202	mg/l	10	10	NS	10	FALSE
KAFB-106S8-451	GWS8-451-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S8-451	GWS8-451-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S8-451	GWS8-451-202	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S8-451	GWS8-451-202	ug/l	750	700	15	700	FALSE
KAFB-106S8-451	GWS8-451-202	ug/l	620	10000	190	620	FALSE
KAFB-106S8-451	GWS8-451-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S8-451	GWS8-451-202	ug/l	10	5	4.6	5	TRUE
KAFB-106S8-451	GWS8-451-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S8-451	GWS8-451-202	mg/l	1	NS	NS	1	FALSE
KAFB-106209	GW209-202	mg/l	600	250	NS	250	FALSE
KAFB-106209	GW209-202	mg/l	250	250	NS	250	FALSE
KAFB-106209	GW209-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-202	mg/l	10	10	NS	10	FALSE
KAFB-106209	GW209-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106209	GW209-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106209	GW209-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106209	GW209-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106209	GW209-202	mg/l	1	NS	NS	1	FALSE
KAFB-106S3-449	GWS3-449-202	mg/l	600	250	NS	250	FALSE
KAFB-106S3-449	GWS3-449-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-202	mg/l	250	250	NS	250	FALSE
KAFB-106S3-449	GWS3-449-202	mg/l	10	10	NS	10	FALSE
KAFB-106S3-449	GWS3-449-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-202	mg/l	0.015	0.015	0.015	0.015	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S3-449	GWS3-449-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S3-449	GWS3-449-202	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S3-449	GWS3-449-202	ug/l	750	700	15	700	FALSE
KAFB-106S3-449	GWS3-449-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S3-449	GWS3-449-202	ug/l	620	10000	190	620	FALSE
KAFB-106S3-449	GWS3-449-202	ug/l	10	5	4.6	5	TRUE
KAFB-106S3-449	GWS3-449-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S3-449	GWS3-449-202	mg/l	1	NS	NS	1	FALSE
KAFB-106023	GW023-202	mg/l	600	250	NS	250	FALSE
KAFB-106023	GW023-202	mg/l	250	250	NS	250	FALSE
KAFB-106023	GW023-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-202	mg/l	10	10	NS	10	FALSE
KAFB-106023	GW023-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106023	GW023-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106023	GW023-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106023	GW023-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106023	GW023-202	mg/l	1	NS	NS	1	FALSE
KAFB-106079	GW079-202	mg/l	600	250	NS	250	FALSE
KAFB-106079	GW079-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-202	mg/l	250	250	NS	250	FALSE
KAFB-106079	GW079-202	mg/l	10	10	NS	10	FALSE
KAFB-106079	GW079-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106079	GW079-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106079	GW079-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106079	GW079-202	ug/l	750	700	15	700	FALSE
KAFB-106079	GW079-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106079	GW079-202	ug/l	620	10000	190	620	FALSE
KAFB-106079	GW079-202	ug/l	10	5	4.6	5	FALSE
KAFB-106079	GW079-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106079	GW079-202	mg/l	1	NS	NS	1	FALSE
KAFB-106103	GW103-202	mg/l	250	250	NS	250	FALSE
KAFB-106103	GW103-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106103	GW103-202	mg/l	600	250	NS	250	FALSE
KAFB-106103	GW103-202	mg/l	10	10	NS	10	FALSE
KAFB-106103	GW103-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106103	GW103-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106103	GW103-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106103	GW103-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106103	GW103-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106103	GW103-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106103	GW103-202	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106103	GW103-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106103	GW103-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106103	GW103-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106103	GW103-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106103	GW103-202	mg/l	1	NS	NS	1	FALSE
KAFB-106152-484	GW152-484-202	mg/l	600	250	NS	250	FALSE
KAFB-106152-484	GW152-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-202	mg/l	250	250	NS	250	FALSE
KAFB-106152-484	GW152-484-202	mg/l	10	10	NS	10	FALSE
KAFB-106152-484	GW152-484-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106152-484	GW152-484-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106152-484	GW152-484-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106152-484	GW152-484-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106152-484	GW152-484-202	ug/l	750	700	15	700	FALSE
KAFB-106152-484	GW152-484-202	ug/l	620	10000	190	620	FALSE
KAFB-106152-484	GW152-484-202	ug/l	10	5	4.6	5	TRUE
KAFB-106152-484	GW152-484-202	mg/l	1	NS	NS	1	FALSE
KAFB-106152-484	GW152-484-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106104	GW104-202	mg/l	600	250	NS	250	FALSE
KAFB-106104	GW104-202	mg/l	250	250	NS	250	FALSE
KAFB-106104	GW104-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-202	mg/l	250	250	NS	250	FALSE
KAFB-106104	GW104-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-202	mg/l	10	10	NS	10	FALSE
KAFB-106104	GW104-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106104	GW104-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106104	GW104-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106104	GW104-202	mg/l	1	NS	NS	1	FALSE
KAFB-106104	GW104-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S5-446	GWS5-446-202	mg/l	600	250	NS	250	FALSE
KAFB-106S5-446	GWS5-446-202	mg/l	250	250	NS	250	FALSE
KAFB-106S5-446	GWS5-446-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-202	mg/l	10	10	NS	10	FALSE
KAFB-106S5-446	GWS5-446-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S5-446	GWS5-446-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S5-446	GWS5-446-202	ug/l	0.05	0.05	0.075	0.05	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S5-446	GWS5-446-202	ug/l	750	700	15	700	FALSE
KAFB-106S5-446	GWS5-446-202	ug/l	620	10000	190	620	FALSE
KAFB-106S5-446	GWS5-446-202	ug/l	10	5	4.6	5	TRUE
KAFB-106S5-446	GWS5-446-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S5-446	GWS5-446-202	mg/l	1	NS	NS	1	FALSE
KAFB-106S5-446	GWS5-446-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106070	GW070-202	mg/l	600	250	NS	250	FALSE
KAFB-106070	GW070-202	mg/l	250	250	NS	250	FALSE
KAFB-106070	GW070-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-202	mg/l	10	10	NS	10	FALSE
KAFB-106070	GW070-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106070	GW070-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106070	GW070-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106070	GW070-202	mg/l	1	NS	NS	1	FALSE
KAFB-106070	GW070-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106070	GW070-602	mg/l	600	250	NS	250	FALSE
KAFB-106070	GW070-602	mg/l	250	250	NS	250	FALSE
KAFB-106070	GW070-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-602	mg/l	10	10	NS	10	FALSE
KAFB-106070	GW070-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-602	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106070	GW070-602	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106070	GW070-602	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106070	GW070-602	mg/l	1	NS	NS	1	FALSE
KAFB-106070	GW070-602	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S7-451	GWS7-451-202	mg/l	600	250	NS	250	FALSE
KAFB-106S7-451	GWS7-451-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-202	mg/l	250	250	NS	250	FALSE
KAFB-106S7-451	GWS7-451-202	mg/l	10	10	NS	10	FALSE
KAFB-106S7-451	GWS7-451-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S7-451	GWS7-451-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S7-451	GWS7-451-202	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S7-451	GWS7-451-202	ug/l	750	700	15	700	FALSE
KAFB-106S7-451	GWS7-451-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S7-451	GWS7-451-202	ug/l	620	10000	190	620	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S7-451	GWS7-451-202	ug/l	10	5	4.6	5	TRUE
KAFB-106S7-451	GWS7-451-202	mg/l	1	NS	NS	1	FALSE
KAFB-106S7-451	GWS7-451-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106072	GW072-202	mg/l	600	250	NS	250	FALSE
KAFB-106072	GW072-202	mg/l	250	250	NS	250	FALSE
KAFB-106072	GW072-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-202	mg/l	10	10	NS	10	FALSE
KAFB-106072	GW072-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106072	GW072-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106072	GW072-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106072	GW072-202	mg/l	1	NS	NS	1	FALSE
KAFB-106072	GW072-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106071	GW071-202	mg/l	600	250	NS	250	FALSE
KAFB-106071	GW071-202	mg/l	250	250	NS	250	FALSE
KAFB-106071	GW071-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-202	mg/l	10	10	NS	10	FALSE
KAFB-106071	GW071-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106071	GW071-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106071	GW071-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106071	GW071-202	mg/l	1	NS	NS	1	FALSE
KAFB-106071	GW071-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106151-484	GW151-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-202	mg/l	600	250	NS	250	FALSE
KAFB-106151-484	GW151-484-202	mg/l	250	250	NS	250	FALSE
KAFB-106151-484	GW151-484-202	mg/l	10	10	NS	10	FALSE
KAFB-106151-484	GW151-484-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106151-484	GW151-484-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106151-484	GW151-484-202	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106151-484	GW151-484-202	ug/l	750	700	15	700	FALSE
KAFB-106151-484	GW151-484-202	ug/l	620	10000	190	620	FALSE
KAFB-106151-484	GW151-484-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106151-484	GW151-484-202	ug/l	10	5	4.6	5	TRUE
KAFB-106151-484	GW151-484-202	mg/l	1	NS	NS	1	FALSE
KAFB-106151-484	GW151-484-202	mg/l	0.2	NS	NS	0.2	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106005	GW005-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-202	mg/l	600	250	NS	250	FALSE
KAFB-106005	GW005-202	mg/l	250	250	NS	250	FALSE
KAFB-106005	GW005-202	mg/l	10	10	NS	10	FALSE
KAFB-106005	GW005-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106005	GW005-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106005	GW005-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106005	GW005-202	ug/l	750	700	15	700	FALSE
KAFB-106005	GW005-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106005	GW005-202	ug/l	620	10000	190	620	FALSE
KAFB-106005	GW005-202	ug/l	10	5	4.6	5	FALSE
KAFB-106005	GW005-202	mg/l	1	NS	NS	1	FALSE
KAFB-106005	GW005-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106008	GW008-602	mg/l	600	250	NS	250	FALSE
KAFB-106008	GW008-602	mg/l	250	250	NS	250	FALSE
KAFB-106008	GW008-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-602	mg/l	10	10	NS	10	FALSE
KAFB-106008	GW008-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-602	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106008	GW008-602	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106008	GW008-602	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106008	GW008-602	ug/l	750	700	15	700	FALSE
KAFB-106008	GW008-602	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106008	GW008-602	ug/l	620	10000	190	620	FALSE
KAFB-106008	GW008-602	ug/l	10	5	4.6	5	TRUE
KAFB-106008	GW008-602	mg/l	1	NS	NS	1	FALSE
KAFB-106008	GW008-602	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106008	GW008-202	mg/l	600	250	NS	250	FALSE
KAFB-106008	GW008-202	mg/l	250	250	NS	250	FALSE
KAFB-106008	GW008-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-202	mg/l	10	10	NS	10	FALSE
KAFB-106008	GW008-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106008	GW008-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106008	GW008-202	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106008	GW008-202	ug/l	750	700	15	700	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106008	GW008-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106008	GW008-202	ug/l	620	10000	190	620	FALSE
KAFB-106008	GW008-202	ug/l	10	5	4.6	5	TRUE
KAFB-106008	GW008-202	mg/l	1	NS	NS	1	FALSE
KAFB-106008	GW008-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106009	GW009-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-202	mg/l	600	250	NS	250	FALSE
KAFB-106009	GW009-202	mg/l	250	250	NS	250	FALSE
KAFB-106009	GW009-202	mg/l	10	10	NS	10	FALSE
KAFB-106009	GW009-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106009	GW009-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106009	GW009-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106009	GW009-202	ug/l	750	700	15	700	FALSE
KAFB-106009	GW009-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106009	GW009-202	ug/l	620	10000	190	620	FALSE
KAFB-106009	GW009-202	ug/l	10	5	4.6	5	FALSE
KAFB-106009	GW009-202	mg/l	1	NS	NS	1	FALSE
KAFB-106009	GW009-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106009	GW009-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-602	mg/l	600	250	NS	250	FALSE
KAFB-106009	GW009-602	mg/l	250	250	NS	250	FALSE
KAFB-106009	GW009-602	mg/l	10	10	NS	10	FALSE
KAFB-106009	GW009-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-602	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106009	GW009-602	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106009	GW009-602	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106009	GW009-602	ug/l	750	700	15	700	FALSE
KAFB-106009	GW009-602	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106009	GW009-602	ug/l	620	10000	190	620	FALSE
KAFB-106009	GW009-602	ug/l	10	5	4.6	5	FALSE
KAFB-106009	GW009-602	mg/l	1	NS	NS	1	FALSE
KAFB-106009	GW009-602	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S9-447	GWS9-447-202	mg/l	600	250	NS	250	FALSE
KAFB-106S9-447	GWS9-447-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-202	mg/l	250	250	NS	250	FALSE
KAFB-106S9-447	GWS9-447-202	mg/l	10	10	NS	10	FALSE
KAFB-106S9-447	GWS9-447-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-202	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S9-447	GWS9-447-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S9-447	GWS9-447-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S9-447	GWS9-447-202	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S9-447	GWS9-447-202	ug/l	750	700	15	700	FALSE
KAFB-106S9-447	GWS9-447-202	ug/l	620	10000	190	620	FALSE
KAFB-106S9-447	GWS9-447-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S9-447	GWS9-447-202	ug/l	10	5	4.6	5	TRUE
KAFB-106S9-447	GWS9-447-202	mg/l	1	NS	NS	1	FALSE
KAFB-106S9-447	GWS9-447-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106001	GW001-202	mg/l	600	250	NS	250	FALSE
KAFB-106001	GW001-202	mg/l	250	250	NS	250	FALSE
KAFB-106001	GW001-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-202	mg/l	10	10	NS	10	FALSE
KAFB-106001	GW001-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106001	GW001-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106001	GW001-202	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106001	GW001-202	mg/l	1	NS	NS	1	FALSE
KAFB-106001	GW001-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106149-484	GW149-484-202	mg/l	600	250	NS	250	FALSE
KAFB-106149-484	GW149-484-202	mg/l	250	250	NS	250	FALSE
KAFB-106149-484	GW149-484-202	mg/l	600	250	NS	250	FALSE
KAFB-106149-484	GW149-484-202	mg/l	250	250	NS	250	FALSE
KAFB-106149-484	GW149-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-202	mg/l	10	10	NS	10	FALSE
KAFB-106149-484	GW149-484-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106149-484	GW149-484-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106149-484	GW149-484-202	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106149-484	GW149-484-202	ug/l	750	700	15	700	FALSE
KAFB-106149-484	GW149-484-202	ug/l	620	10000	190	620	FALSE
KAFB-106149-484	GW149-484-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106149-484	GW149-484-202	ug/l	10	5	4.6	5	TRUE
KAFB-106149-484	GW149-484-202	mg/l	1	NS	NS	1	FALSE
KAFB-106149-484	GW149-484-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106153-484	GW153-484-202	mg/l	600	250	NS	250	FALSE
KAFB-106153-484	GW153-484-202	mg/l	250	250	NS	250	FALSE
KAFB-106153-484	GW153-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-202	mg/l	10	10	NS	10	FALSE
KAFB-106153-484	GW153-484-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-202	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106153-484	GW153-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106153-484	GW153-484-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106153-484	GW153-484-202	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106153-484	GW153-484-202	ug/l	750	700	15	700	FALSE
KAFB-106153-484	GW153-484-202	ug/l	620	10000	190	620	FALSE
KAFB-106153-484	GW153-484-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106153-484	GW153-484-202	ug/l	10	5	4.6	5	TRUE
KAFB-106153-484	GW153-484-202	mg/l	1	NS	NS	1	FALSE
KAFB-106153-484	GW153-484-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106047	GW047-202	mg/l	600	250	NS	250	FALSE
KAFB-106047	GW047-202	mg/l	250	250	NS	250	FALSE
KAFB-106047	GW047-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-202	mg/l	10	10	NS	10	FALSE
KAFB-106047	GW047-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106047	GW047-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106047	GW047-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106047	GW047-202	mg/l	1	NS	NS	1	FALSE
KAFB-106047	GW047-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106011	GW011-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-202	mg/l	250	250	NS	250	FALSE
KAFB-106011	GW011-202	mg/l	600	250	NS	250	FALSE
KAFB-106011	GW011-202	mg/l	10	10	NS	10	FALSE
KAFB-106011	GW011-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106011	GW011-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106011	GW011-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106011	GW011-202	ug/l	750	700	15	700	FALSE
KAFB-106011	GW011-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106011	GW011-202	ug/l	620	10000	190	620	FALSE
KAFB-106011	GW011-202	ug/l	10	5	4.6	5	FALSE
KAFB-106011	GW011-202	mg/l	1	NS	NS	1	FALSE
KAFB-106011	GW011-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106002	GW002-202	mg/l	600	250	NS	250	FALSE
KAFB-106002	GW002-202	mg/l	250	250	NS	250	FALSE
KAFB-106002	GW002-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-202	mg/l	10	10	NS	10	FALSE
KAFB-106002	GW002-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-202	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106002	GW002-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106002	GW002-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106002	GW002-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106002	GW002-202	mg/l	1	NS	NS	1	FALSE
KAFB-106002	GW002-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106002	GW002-602	mg/l	600	250	NS	250	FALSE
KAFB-106002	GW002-602	mg/l	250	250	NS	250	FALSE
KAFB-106002	GW002-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-602	mg/l	10	10	NS	10	FALSE
KAFB-106002	GW002-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-602	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106002	GW002-602	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106002	GW002-602	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106002	GW002-602	mg/l	1	NS	NS	1	FALSE
KAFB-106002	GW002-602	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106016	GW016-202	mg/l	600	250	NS	250	FALSE
KAFB-106016	GW016-202	mg/l	250	250	NS	250	FALSE
KAFB-106016	GW016-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-202	mg/l	10	10	NS	10	FALSE
KAFB-106016	GW016-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-202	mg/l	10	10	NS	10	FALSE
KAFB-106016	GW016-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106016	GW016-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106016	GW016-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106016	GW016-202	mg/l	1	NS	NS	1	FALSE
KAFB-106016	GW016-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106027	GW027-202	mg/l	600	250	NS	250	FALSE
KAFB-106027	GW027-202	mg/l	250	250	NS	250	FALSE
KAFB-106027	GW027-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-202	mg/l	10	10	NS	10	FALSE
KAFB-106027	GW027-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106027	GW027-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106027	GW027-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106027	GW027-202	mg/l	1	NS	NS	1	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106027	GW027-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106044	GW044-202	mg/l	600	250	NS	250	FALSE
KAFB-106044	GW044-202	mg/l	250	250	NS	250	FALSE
KAFB-106044	GW044-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-202	mg/l	10	10	NS	10	FALSE
KAFB-106044	GW044-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106044	GW044-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106044	GW044-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106044	GW044-202	mg/l	1	NS	NS	1	FALSE
KAFB-106044	GW044-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106075	GW075-202	mg/l	600	250	NS	250	FALSE
KAFB-106075	GW075-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-202	mg/l	250	250	NS	250	FALSE
KAFB-106075	GW075-202	mg/l	10	10	NS	10	FALSE
KAFB-106075	GW075-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106075	GW075-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106075	GW075-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106075	GW075-202	mg/l	1	NS	NS	1	FALSE
KAFB-106075	GW075-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106024	GW024-202	mg/l	600	250	NS	250	FALSE
KAFB-106024	GW024-202	mg/l	250	250	NS	250	FALSE
KAFB-106024	GW024-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106024	GW024-202	mg/l	10	10	NS	10	FALSE
KAFB-106024	GW024-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106024	GW024-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106024	GW024-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106024	GW024-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106024	GW024-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106024	GW024-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106024	GW024-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106024	GW024-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106024	GW024-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106024	GW024-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106024	GW024-202	mg/l	1	NS	NS	1	FALSE
KAFB-106024	GW024-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106060	GW060-202	mg/l	600	250	NS	250	FALSE
KAFB-106060	GW060-202	mg/l	250	250	NS	250	FALSE
KAFB-106060	GW060-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-202	mg/l	10	10	NS	10	FALSE
KAFB-106060	GW060-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-202	mgcaco3/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106060	GW060-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106060	GW060-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106060	GW060-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106060	GW060-202	ug/l	750	700	15	700	FALSE
KAFB-106060	GW060-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106060	GW060-202	ug/l	620	10000	190	620	FALSE
KAFB-106060	GW060-202	ug/l	10	5	4.6	5	FALSE
KAFB-106060	GW060-202	mg/l	1	NS	NS	1	FALSE
KAFB-106060	GW060-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106068	GW068-202	mg/l	600	250	NS	250	FALSE
KAFB-106068	GW068-202	mg/l	250	250	NS	250	FALSE
KAFB-106068	GW068-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-202	mg/l	10	10	NS	10	FALSE
KAFB-106068	GW068-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106068	GW068-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106068	GW068-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106068	GW068-202	ug/l	750	700	15	700	FALSE
KAFB-106068	GW068-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106068	GW068-202	ug/l	620	10000	190	620	FALSE
KAFB-106068	GW068-202	ug/l	10	5	4.6	5	FALSE
KAFB-106068	GW068-202	mg/l	1	NS	NS	1	FALSE
KAFB-106068	GW068-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106094	GW094-202	mg/l	600	250	NS	250	FALSE
KAFB-106094	GW094-202	mg/l	250	250	NS	250	FALSE
KAFB-106094	GW094-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-202	mg/l	10	10	NS	10	FALSE
KAFB-106094	GW094-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106094	GW094-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106094	GW094-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106094	GW094-202	mg/l	1	NS	NS	1	FALSE
KAFB-106094	GW094-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106067	GW067-202	mg/l	600	250	NS	250	FALSE
KAFB-106067	GW067-202	mg/l	250	250	NS	250	FALSE
KAFB-106067	GW067-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-202	mg/l	10	10	NS	10	FALSE
KAFB-106067	GW067-202	mgcaco3/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106067	GW067-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106067	GW067-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106067	GW067-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106067	GW067-202	ug/l	750	700	15	700	FALSE
KAFB-106067	GW067-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106067	GW067-202	ug/l	620	10000	190	620	FALSE
KAFB-106067	GW067-202	ug/l	10	5	4.6	5	FALSE
KAFB-106067	GW067-202	mg/l	1	NS	NS	1	FALSE
KAFB-106067	GW067-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106078	GW078-202	mg/l	600	250	NS	250	FALSE
KAFB-106078	GW078-202	mg/l	250	250	NS	250	FALSE
KAFB-106078	GW078-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-202	mg/l	10	10	NS	10	FALSE
KAFB-106078	GW078-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106078	GW078-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106078	GW078-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106078	GW078-202	ug/l	750	700	15	700	FALSE
KAFB-106078	GW078-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106078	GW078-202	ug/l	620	10000	190	620	FALSE
KAFB-106078	GW078-202	ug/l	10	5	4.6	5	FALSE
KAFB-106078	GW078-202	mg/l	1	NS	NS	1	FALSE
KAFB-106078	GW078-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106017	GW017-202	mg/l	600	250	NS	250	FALSE
KAFB-106017	GW017-202	mg/l	250	250	NS	250	FALSE
KAFB-106017	GW017-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-202	mg/l	10	10	NS	10	FALSE
KAFB-106017	GW017-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106017	GW017-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106017	GW017-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106017	GW017-202	ug/l	750	700	15	700	FALSE
KAFB-106017	GW017-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106017	GW017-202	ug/l	620	10000	190	620	FALSE
KAFB-106017	GW017-202	ug/l	10	5	4.6	5	FALSE
KAFB-106017	GW017-202	ug/l	30	NS	1.2	30	FALSE
KAFB-106017	GW017-202	mg/l	1	NS	NS	1	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106017	GW017-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106062	GW062-202	mg/l	600	250	NS	250	FALSE
KAFB-106062	GW062-202	mg/l	250	250	NS	250	FALSE
KAFB-106062	GW062-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-202	mg/l	10	10	NS	10	FALSE
KAFB-106062	GW062-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106062	GW062-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106062	GW062-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106062	GW062-202	ug/l	750	700	15	700	FALSE
KAFB-106062	GW062-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106062	GW062-202	ug/l	620	10000	190	620	FALSE
KAFB-106062	GW062-202	ug/l	10	5	4.6	5	FALSE
KAFB-106062	GW062-202	mg/l	1	NS	NS	1	FALSE
KAFB-106062	GW062-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106065	GW065-202	mg/l	600	250	NS	250	FALSE
KAFB-106065	GW065-202	mg/l	250	250	NS	250	FALSE
KAFB-106065	GW065-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-202	mg/l	10	10	NS	10	FALSE
KAFB-106065	GW065-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106065	GW065-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106065	GW065-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106065	GW065-202	ug/l	750	700	15	700	FALSE
KAFB-106065	GW065-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106065	GW065-202	ug/l	620	10000	190	620	FALSE
KAFB-106065	GW065-202	ug/l	10	5	4.6	5	FALSE
KAFB-106065	GW065-202	mg/l	1	NS	NS	1	FALSE
KAFB-106065	GW065-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106038	GW038-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-202	mg/l	600	250	NS	250	FALSE
KAFB-106038	GW038-202	mg/l	250	250	NS	250	FALSE
KAFB-106038	GW038-202	mg/l	10	10	NS	10	FALSE
KAFB-106038	GW038-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106038	GW038-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106038	GW038-202	ug/l	0.05	0.05	0.075	0.05	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106038	GW038-202	ug/l	750	700	15	700	FALSE
KAFB-106038	GW038-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106038	GW038-202	ug/l	620	10000	190	620	FALSE
KAFB-106038	GW038-202	ug/l	10	5	4.6	5	FALSE
KAFB-106038	GW038-202	ug/l	30	NS	1.2	30	FALSE
KAFB-106038	GW038-202	mg/l	1	NS	NS	1	FALSE
KAFB-106038	GW038-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106066	GW066-202	mg/l	600	250	NS	250	FALSE
KAFB-106066	GW066-202	mg/l	250	250	NS	250	FALSE
KAFB-106066	GW066-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-202	mg/l	10	10	NS	10	FALSE
KAFB-106066	GW066-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106066	GW066-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106066	GW066-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106066	GW066-202	ug/l	750	700	15	700	FALSE
KAFB-106066	GW066-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106066	GW066-202	ug/l	620	10000	190	620	FALSE
KAFB-106066	GW066-202	ug/l	10	5	4.6	5	FALSE
KAFB-106066	GW066-202	mg/l	1	NS	NS	1	FALSE
KAFB-106066	GW066-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106046	GW046-202	mg/l	600	250	NS	250	FALSE
KAFB-106046	GW046-202	mg/l	250	250	NS	250	FALSE
KAFB-106046	GW046-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-202	mg/l	10	10	NS	10	FALSE
KAFB-106046	GW046-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106046	GW046-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106046	GW046-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106046	GW046-202	mg/l	1	NS	NS	1	FALSE
KAFB-106046	GW046-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106039	GW039-202	mg/l	600	250	NS	250	FALSE
KAFB-106039	GW039-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-202	mg/l	250	250	NS	250	FALSE
KAFB-106039	GW039-202	mg/l	10	10	NS	10	FALSE
KAFB-106039	GW039-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-202	mg/l	0.015	0.015	0.015	0.015	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106039	GW039-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106039	GW039-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106039	GW039-202	mg/l	1	NS	NS	1	FALSE
KAFB-106039	GW039-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106080	GW080-202	mg/l	250	250	NS	250	FALSE
KAFB-106080	GW080-202	mg/l	600	250	NS	250	FALSE
KAFB-106080	GW080-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-202	mg/l	10	10	NS	10	FALSE
KAFB-106080	GW080-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106080	GW080-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106080	GW080-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106080	GW080-202	ug/l	750	700	15	700	FALSE
KAFB-106080	GW080-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106080	GW080-202	ug/l	620	10000	190	620	FALSE
KAFB-106080	GW080-202	ug/l	10	5	4.6	5	FALSE
KAFB-106080	GW080-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106080	GW080-202	mg/l	1	NS	NS	1	FALSE
KAFB-106040	GW040-202	mg/l	250	250	NS	250	FALSE
KAFB-106040	GW040-202	mg/l	600	250	NS	250	FALSE
KAFB-106040	GW040-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-202	mg/l	10	10	NS	10	FALSE
KAFB-106040	GW040-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106040	GW040-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106040	GW040-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106040	GW040-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106040	GW040-202	mg/l	1	NS	NS	1	FALSE
KAFB-106069	GW069-202	mg/l	600	250	NS	250	FALSE
KAFB-106069	GW069-202	mg/l	250	250	NS	250	FALSE
KAFB-106069	GW069-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-202	mg/l	10	10	NS	10	FALSE
KAFB-106069	GW069-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106069	GW069-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106069	GW069-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106069	GW069-202	ug/l	750	700	15	700	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106069	GW069-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106069	GW069-202	ug/l	620	10000	190	620	FALSE
KAFB-106069	GW069-202	ug/l	10	5	4.6	5	FALSE
KAFB-106069	GW069-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106069	GW069-202	mg/l	1	NS	NS	1	FALSE
KAFB-106012R	GW012R-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-202	mg/l	600	250	NS	250	FALSE
KAFB-106012R	GW012R-202	mg/l	250	250	NS	250	FALSE
KAFB-106012R	GW012R-202	mg/l	10	10	NS	10	FALSE
KAFB-106012R	GW012R-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106012R	GW012R-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106012R	GW012R-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106012R	GW012R-202	ug/l	750	700	15	700	FALSE
KAFB-106012R	GW012R-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106012R	GW012R-202	ug/l	620	10000	190	620	FALSE
KAFB-106012R	GW012R-202	ug/l	10	5	4.6	5	FALSE
KAFB-106012R	GW012R-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106012R	GW012R-202	mg/l	1	NS	NS	1	FALSE
KAFB-106019	GW019-202	mg/l	250	250	NS	250	FALSE
KAFB-106019	GW019-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-202	mg/l	600	250	NS	250	FALSE
KAFB-106019	GW019-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-202	mg/l	600	250	NS	250	FALSE
KAFB-106019	GW019-202	mg/l	10	10	NS	10	FALSE
KAFB-106019	GW019-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106019	GW019-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106019	GW019-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106019	GW019-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106019	GW019-202	mg/l	1	NS	NS	1	FALSE
KAFB-106045	GW045-202	mg/l	600	250	NS	250	FALSE
KAFB-106045	GW045-202	mg/l	250	250	NS	250	FALSE
KAFB-106045	GW045-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-202	mg/l	10	10	NS	10	FALSE
KAFB-106045	GW045-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106045	GW045-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106045	GW045-202	ug/l	0.05	0.05	0.075	0.05	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106045	GW045-202	mg/l	1	NS	NS	1	FALSE
KAFB-106045	GW045-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106006	GW006-202	mg/l	600	250	NS	250	FALSE
KAFB-106006	GW006-202	mg/l	250	250	NS	250	FALSE
KAFB-106006	GW006-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-202	mg/l	10	10	NS	10	FALSE
KAFB-106006	GW006-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106006	GW006-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106006	GW006-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106006	GW006-202	ug/l	750	700	15	700	FALSE
KAFB-106006	GW006-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106006	GW006-202	ug/l	620	10000	190	620	FALSE
KAFB-106006	GW006-202	ug/l	10	5	4.6	5	FALSE
KAFB-106006	GW006-202	mg/l	1	NS	NS	1	FALSE
KAFB-106006	GW006-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-3411	GW3411-202	mg/l	600	250	NS	250	FALSE
KAFB-3411	GW3411-202	mg/l	250	250	NS	250	FALSE
KAFB-3411	GW3411-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-202	mg/l	10	10	NS	10	FALSE
KAFB-3411	GW3411-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-3411	GW3411-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-3411	GW3411-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-3411	GW3411-202	mg/l	1	NS	NS	1	FALSE
KAFB-3411	GW3411-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106014	GW014-202	mg/l	600	250	NS	250	FALSE
KAFB-106014	GW014-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-202	mg/l	250	250	NS	250	FALSE
KAFB-106014	GW014-202	mg/l	10	10	NS	10	FALSE
KAFB-106014	GW014-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106014	GW014-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106014	GW014-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106014	GW014-202	ug/l	750	700	15	700	FALSE
KAFB-106014	GW014-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106014	GW014-202	ug/l	620	10000	190	620	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106014	GW014-202	ug/l	10	5	4.6	5	FALSE
KAFB-106014	GW014-202	mg/l	1	NS	NS	1	FALSE
KAFB-106014	GW014-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106007	GW007-202	mg/l	600	250	NS	250	FALSE
KAFB-106007	GW007-202	mg/l	250	250	NS	250	FALSE
KAFB-106007	GW007-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-202	mg/l	10	10	NS	10	FALSE
KAFB-106007	GW007-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106007	GW007-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106007	GW007-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106007	GW007-202	mg/l	1	NS	NS	1	FALSE
KAFB-106007	GW007-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106010	GW010-202	mg/l	600	250	NS	250	FALSE
KAFB-106010	GW010-202	mg/l	250	250	NS	250	FALSE
KAFB-106010	GW010-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-202	mg/l	10	10	NS	10	FALSE
KAFB-106010	GW010-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106010	GW010-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106010	GW010-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106010	GW010-202	ug/l	750	700	15	700	FALSE
KAFB-106010	GW010-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106010	GW010-202	ug/l	620	10000	190	620	FALSE
KAFB-106010	GW010-202	ug/l	10	5	4.6	5	TRUE
KAFB-106010	GW010-202	mg/l	1	NS	NS	1	FALSE
KAFB-106010	GW010-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106010	GW010-602	mg/l	600	250	NS	250	FALSE
KAFB-106010	GW010-602	mg/l	250	250	NS	250	FALSE
KAFB-106010	GW010-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-602	mg/l	10	10	NS	10	FALSE
KAFB-106010	GW010-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-602	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106010	GW010-602	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106010	GW010-602	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106010	GW010-602	ug/l	750	700	15	700	FALSE
KAFB-106010	GW010-602	ug/l	1,000	1000	1100	1,000	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106010	GW010-602	ug/l	620	10000	190	620	FALSE
KAFB-106010	GW010-602	ug/l	10	5	4.6	5	TRUE
KAFB-106010	GW010-602	mg/l	1	NS	NS	1	FALSE
KAFB-106010	GW010-602	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106077	GW077-202	mg/l	600	250	NS	250	FALSE
KAFB-106077	GW077-202	mg/l	250	250	NS	250	FALSE
KAFB-106077	GW077-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-202	mg/l	10	10	NS	10	FALSE
KAFB-106077	GW077-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106077	GW077-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106077	GW077-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106077	GW077-202	ug/l	750	700	15	700	FALSE
KAFB-106077	GW077-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106077	GW077-202	ug/l	620	10000	190	620	FALSE
KAFB-106077	GW077-202	ug/l	10	5	4.6	5	FALSE
KAFB-106077	GW077-202	mg/l	1	NS	NS	1	FALSE
KAFB-106077	GW077-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106061	GW061-202	mg/l	600	250	NS	250	FALSE
KAFB-106061	GW061-202	mg/l	250	250	NS	250	FALSE
KAFB-106061	GW061-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-202	mg/l	10	10	NS	10	FALSE
KAFB-106061	GW061-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106061	GW061-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106061	GW061-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106061	GW061-202	ug/l	750	700	15	700	FALSE
KAFB-106061	GW061-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106061	GW061-202	ug/l	620	10000	190	620	FALSE
KAFB-106061	GW061-202	ug/l	10	5	4.6	5	FALSE
KAFB-106061	GW061-202	mg/l	1	NS	NS	1	FALSE
KAFB-106061	GW061-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106083	GW083-202	mg/l	600	250	NS	250	FALSE
KAFB-106083	GW083-202	mg/l	250	250	NS	250	FALSE
KAFB-106083	GW083-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-202	mg/l	10	10	NS	10	FALSE
KAFB-106083	GW083-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-202	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106083	GW083-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106083	GW083-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106083	GW083-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106083	GW083-202	mg/l	1	NS	NS	1	FALSE
KAFB-106083	GW083-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106020	GW020-202	mg/l	250	250	NS	250	FALSE
KAFB-106020	GW020-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-202	mg/l	600	250	NS	250	FALSE
KAFB-106020	GW020-202	mg/l	10	10	NS	10	FALSE
KAFB-106020	GW020-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106020	GW020-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106020	GW020-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106020	GW020-202	mg/l	1	NS	NS	1	FALSE
KAFB-106020	GW020-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106084	GW084-202	mg/l	600	250	NS	250	FALSE
KAFB-106084	GW084-202	mg/l	250	250	NS	250	FALSE
KAFB-106084	GW084-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-202	mg/l	10	10	NS	10	FALSE
KAFB-106084	GW084-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106084	GW084-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106084	GW084-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106084	GW084-202	mg/l	1	NS	NS	1	FALSE
KAFB-106084	GW084-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106082	GW082-202	mg/l	600	250	NS	250	FALSE
KAFB-106082	GW082-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-202	mg/l	250	250	NS	250	FALSE
KAFB-106082	GW082-202	mg/l	10	10	NS	10	FALSE
KAFB-106082	GW082-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106082	GW082-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106082	GW082-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106082	GW082-202	mg/l	1	NS	NS	1	FALSE
KAFB-106082	GW082-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106076	GW076-202	mg/l	600	250	NS	250	FALSE
KAFB-106076	GW076-202	mg/l	250	250	NS	250	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106076	GW076-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-202	mg/l	10	10	NS	10	FALSE
KAFB-106076	GW076-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106076	GW076-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106076	GW076-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106076	GW076-202	ug/l	750	700	15	700	FALSE
KAFB-106076	GW076-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106076	GW076-202	ug/l	620	10000	190	620	FALSE
KAFB-106076	GW076-202	ug/l	10	5	4.6	5	FALSE
KAFB-106076	GW076-202	mg/l	1	NS	NS	1	FALSE
KAFB-106076	GW076-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106048	GW048-202	mg/l	600	250	NS	250	FALSE
KAFB-106048	GW048-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-202	mg/l	250	250	NS	250	FALSE
KAFB-106048	GW048-202	mg/l	10	10	NS	10	FALSE
KAFB-106048	GW048-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106048	GW048-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106048	GW048-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106048	GW048-202	mg/l	1	NS	NS	1	FALSE
KAFB-106048	GW048-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106095	GW095-202	mg/l	600	250	NS	250	FALSE
KAFB-106095	GW095-202	mg/l	250	250	NS	250	FALSE
KAFB-106095	GW095-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-202	mg/l	10	10	NS	10	FALSE
KAFB-106095	GW095-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106095	GW095-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106095	GW095-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106095	GW095-202	mg/l	1	NS	NS	1	FALSE
KAFB-106095	GW095-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106081	GW081-202	mg/l	600	250	NS	250	FALSE
KAFB-106081	GW081-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-202	mg/l	250	250	NS	250	FALSE
KAFB-106081	GW081-202	mg/l	10	10	NS	10	FALSE
KAFB-106081	GW081-202	mgcaco3/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106081	GW081-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106081	GW081-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106081	GW081-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106081	GW081-202	ug/l	750	700	15	700	FALSE
KAFB-106081	GW081-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106081	GW081-202	ug/l	620	10000	190	620	FALSE
KAFB-106081	GW081-202	ug/l	10	5	4.6	5	FALSE
KAFB-106081	GW081-202	mg/l	1	NS	NS	1	FALSE
KAFB-106081	GW081-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106073	GW073-202	mg/l	600	250	NS	250	FALSE
KAFB-106073	GW073-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-202	mg/l	250	250	NS	250	FALSE
KAFB-106073	GW073-202	mg/l	10	10	NS	10	FALSE
KAFB-106073	GW073-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106073	GW073-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106073	GW073-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106073	GW073-202	mg/l	1	NS	NS	1	FALSE
KAFB-106073	GW073-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106074	GW074-202	mg/l	600	250	NS	250	FALSE
KAFB-106074	GW074-202	mg/l	250	250	NS	250	FALSE
KAFB-106074	GW074-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106074	GW074-202	mg/l	10	10	NS	10	FALSE
KAFB-106074	GW074-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106074	GW074-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106074	GW074-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106074	GW074-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106074	GW074-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106074	GW074-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106074	GW074-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106074	GW074-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106074	GW074-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106074	GW074-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106074	GW074-202	mg/l	1	NS	NS	1	FALSE
KAFB-106074	GW074-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106003	GW003-202	mg/l	600	250	NS	250	FALSE
KAFB-106003	GW003-202	mg/l	250	250	NS	250	FALSE
KAFB-106003	GW003-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-202	mg/l	10	10	NS	10	FALSE
KAFB-106003	GW003-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-202	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106003	GW003-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106003	GW003-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106003	GW003-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106003	GW003-202	ug/l	750	700	15	700	FALSE
KAFB-106003	GW003-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106003	GW003-202	ug/l	620	10000	190	620	FALSE
KAFB-106003	GW003-202	ug/l	10	5	4.6	5	FALSE
KAFB-106003	GW003-202	mg/l	1	NS	NS	1	FALSE
KAFB-106003	GW003-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106003	GW003-602	mg/l	600	250	NS	250	FALSE
KAFB-106003	GW003-602	mg/l	250	250	NS	250	FALSE
KAFB-106003	GW003-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-602	mg/l	10	10	NS	10	FALSE
KAFB-106003	GW003-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-602	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106003	GW003-602	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106003	GW003-602	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106003	GW003-602	ug/l	750	700	15	700	FALSE
KAFB-106003	GW003-602	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106003	GW003-602	ug/l	620	10000	190	620	FALSE
KAFB-106003	GW003-602	ug/l	10	5	4.6	5	FALSE
KAFB-106003	GW003-602	mg/l	1	NS	NS	1	FALSE
KAFB-106003	GW003-602	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106098	GW098-202	mg/l	600	250	NS	250	FALSE
KAFB-106098	GW098-202	mg/l	250	250	NS	250	FALSE
KAFB-106098	GW098-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-202	mg/l	10	10	NS	10	FALSE
KAFB-106098	GW098-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106098	GW098-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106098	GW098-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106098	GW098-202	ug/l	750	700	15	700	FALSE
KAFB-106098	GW098-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106098	GW098-202	ug/l	620	10000	190	620	FALSE
KAFB-106098	GW098-202	ug/l	10	5	4.6	5	FALSE
KAFB-106098	GW098-202	mg/l	1	NS	NS	1	FALSE
KAFB-106098	GW098-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106013	GW013-202	mg/l	600	250	NS	250	FALSE
KAFB-106013	GW013-202	mg/l	250	250	NS	250	FALSE
KAFB-106013	GW013-202	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106013	GW013-202	mg/l	10	10	NS	10	FALSE
KAFB-106013	GW013-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106013	GW013-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106013	GW013-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106013	GW013-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106013	GW013-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106013	GW013-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106013	GW013-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106013	GW013-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106013	GW013-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106013	GW013-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106013	GW013-202	ug/l	750	700	15	700	FALSE
KAFB-106013	GW013-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106013	GW013-202	ug/l	620	10000	190	620	FALSE
KAFB-106013	GW013-202	ug/l	10	5	4.6	5	FALSE
KAFB-106013	GW013-202	mg/l	1	NS	NS	1	FALSE
KAFB-106013	GW013-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106097	GW097-202	mg/l	600	250	NS	250	FALSE
KAFB-106097	GW097-202	mg/l	250	250	NS	250	FALSE
KAFB-106097	GW097-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-202	mg/l	10	10	NS	10	FALSE
KAFB-106097	GW097-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106097	GW097-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106097	GW097-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106097	GW097-202	ug/l	750	700	15	700	FALSE
KAFB-106097	GW097-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106097	GW097-202	ug/l	620	10000	190	620	FALSE
KAFB-106097	GW097-202	ug/l	10	5	4.6	5	FALSE
KAFB-106097	GW097-202	mg/l	1	NS	NS	1	FALSE
KAFB-106097	GW097-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106101	GW101-202	mg/l	600	250	NS	250	FALSE
KAFB-106101	GW101-202	mg/l	250	250	NS	250	FALSE
KAFB-106101	GW101-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106101	GW101-202	mg/l	10	10	NS	10	FALSE
KAFB-106101	GW101-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106101	GW101-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106101	GW101-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106101	GW101-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106101	GW101-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106101	GW101-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106101	GW101-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106101	GW101-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106101	GW101-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106101	GW101-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106101	GW101-202	ug/l	750	700	15	700	FALSE
KAFB-106101	GW101-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106101	GW101-202	ug/l	620	10000	190	620	FALSE
KAFB-106101	GW101-202	ug/l	10	5	4.6	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106101	GW101-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106101	GW101-202	mg/l	1	NS	NS	1	FALSE
KAFB-106102	GW102-202	mg/l	600	250	NS	250	FALSE
KAFB-106102	GW102-202	mg/l	250	250	NS	250	FALSE
KAFB-106102	GW102-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-202	mg/l	10	10	NS	10	FALSE
KAFB-106102	GW102-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106102	GW102-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106102	GW102-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106102	GW102-202	ug/l	750	700	15	700	FALSE
KAFB-106102	GW102-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106102	GW102-202	ug/l	620	10000	190	620	FALSE
KAFB-106102	GW102-202	ug/l	10	5	4.6	5	FALSE
KAFB-106102	GW102-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106102	GW102-202	mg/l	1	NS	NS	1	FALSE
KAFB-106100	GW100-202	mg/l	600	250	NS	250	FALSE
KAFB-106100	GW100-202	mg/l	250	250	NS	250	FALSE
KAFB-106100	GW100-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-202	mg/l	10	10	NS	10	FALSE
KAFB-106100	GW100-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106100	GW100-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106100	GW100-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106100	GW100-202	ug/l	750	700	15	700	FALSE
KAFB-106100	GW100-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106100	GW100-202	ug/l	620	10000	190	620	FALSE
KAFB-106100	GW100-202	ug/l	10	5	4.6	5	FALSE
KAFB-106100	GW100-202	mg/l	1	NS	NS	1	FALSE
KAFB-106100	GW100-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106099	GW099-202	mg/l	600	250	NS	250	FALSE
KAFB-106099	GW099-202	mg/l	250	250	NS	250	FALSE
KAFB-106099	GW099-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-202	mg/l	10	10	NS	10	FALSE
KAFB-106099	GW099-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106099	GW099-202	mg/l	0.01	0.01	0.00052	0.01	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106099	GW099-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106099	GW099-202	ug/l	750	700	15	700	FALSE
KAFB-106099	GW099-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106099	GW099-202	ug/l	620	10000	190	620	FALSE
KAFB-106099	GW099-202	ug/l	10	5	4.6	5	FALSE
KAFB-106099	GW099-202	mg/l	1	NS	NS	1	FALSE
KAFB-106099	GW099-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106004	GW004-202	mg/l	600	250	NS	250	FALSE
KAFB-106004	GW004-202	mg/l	250	250	NS	250	FALSE
KAFB-106004	GW004-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-202	mg/l	10	10	NS	10	FALSE
KAFB-106004	GW004-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106004	GW004-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106004	GW004-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106004	GW004-202	ug/l	750	700	15	700	FALSE
KAFB-106004	GW004-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106004	GW004-202	ug/l	620	10000	190	620	FALSE
KAFB-106004	GW004-202	ug/l	10	5	4.6	5	FALSE
KAFB-106004	GW004-202	mg/l	1	NS	NS	1	FALSE
KAFB-106004	GW004-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106059	GW059-202	mg/l	600	250	NS	250	FALSE
KAFB-106059	GW059-202	mg/l	250	250	NS	250	FALSE
KAFB-106059	GW059-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-202	mg/l	10	10	NS	10	FALSE
KAFB-106059	GW059-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106059	GW059-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106059	GW059-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106059	GW059-202	ug/l	750	700	15	700	FALSE
KAFB-106059	GW059-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106059	GW059-202	ug/l	620	10000	190	620	FALSE
KAFB-106059	GW059-202	ug/l	10	5	4.6	5	TRUE
KAFB-106059	GW059-202	mg/l	1	NS	NS	1	FALSE
KAFB-106059	GW059-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106096	GW096-202	mg/l	600	250	NS	250	FALSE
KAFB-106096	GW096-202	mg/l	250	250	NS	250	FALSE
KAFB-106096	GW096-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-202	mg/l	10	10	NS	10	FALSE
KAFB-106096	GW096-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-202	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106096	GW096-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106096	GW096-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106096	GW096-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106096	GW096-202	mg/l	1	NS	NS	1	FALSE
KAFB-106096	GW096-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106096	GW096-602	mg/l	600	250	NS	250	FALSE
KAFB-106096	GW096-602	mg/l	250	250	NS	250	FALSE
KAFB-106096	GW096-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-602	mg/l	10	10	NS	10	FALSE
KAFB-106096	GW096-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-602	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-602	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-602	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106096	GW096-602	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106096	GW096-602	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106096	GW096-602	mg/l	1	NS	NS	1	FALSE
KAFB-106096	GW096-602	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106018	GW018-202	mg/l	600	250	NS	250	FALSE
KAFB-106018	GW018-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-202	mg/l	250	250	NS	250	FALSE
KAFB-106018	GW018-202	mg/l	10	10	NS	10	FALSE
KAFB-106018	GW018-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106018	GW018-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106018	GW018-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106018	GW018-202	ug/l	750	700	15	700	FALSE
KAFB-106018	GW018-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106018	GW018-202	ug/l	620	10000	190	620	FALSE
KAFB-106018	GW018-202	ug/l	10	5	4.6	5	FALSE
KAFB-106018	GW018-202	ug/l	30	NS	1.2	30	FALSE
KAFB-106018	GW018-202	mg/l	1	NS	NS	1	FALSE
KAFB-106018	GW018-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106064	GW064-202	mg/l	600	250	NS	250	FALSE
KAFB-106064	GW064-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-202	mg/l	250	250	NS	250	FALSE
KAFB-106064	GW064-202	mg/l	10	10	NS	10	FALSE
KAFB-106064	GW064-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-202	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106064	GW064-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106064	GW064-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106064	GW064-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106064	GW064-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106064	GW064-202	ug/l	750	700	15	700	FALSE
KAFB-106064	GW064-202	ug/l	620	10000	190	620	FALSE
KAFB-106064	GW064-202	ug/l	10	5	4.6	5	TRUE
KAFB-106064	GW064-202	mg/l	1	NS	NS	1	FALSE
KAFB-106064	GW064-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106063	GW063-202	mg/l	600	250	NS	250	FALSE
KAFB-106063	GW063-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-202	mg/l	250	250	NS	250	FALSE
KAFB-106063	GW063-202	mg/l	10	10	NS	10	FALSE
KAFB-106063	GW063-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-202	mgcaco3/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-202	mg/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-202	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106063	GW063-202	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106063	GW063-202	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106063	GW063-202	ug/l	750	700	15	700	FALSE
KAFB-106063	GW063-202	ug/l	620	10000	190	620	FALSE
KAFB-106063	GW063-202	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106063	GW063-202	ug/l	10	5	4.6	5	TRUE
KAFB-106063	GW063-202	mg/l	1	NS	NS	1	FALSE
KAFB-106063	GW063-202	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106236-436	GW236-436-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106236-470	GW236-470-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106236-499	GW236-499-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106235-438	GW235-438-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106235-438	GW235-438-603	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106235-472	GW235-472-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106235-501	GW235-501-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106206	GW206-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106205	GW205-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106204	GW204-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106216	GW216-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106216	GW216-603	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106217	GW217-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106218	GW218-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106224	GW224-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106223	GW223-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106222	GW222-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106242-418	GW242-418-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-203	mg/l	600	250	NS	250	FALSE
KAFB-106242-418	GW242-418-203	mg/l	250	250	NS	250	FALSE
KAFB-106242-418	GW242-418-203	mg/l	10	10	NS	10	FALSE
KAFB-106242-418	GW242-418-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-203	mg/l	1	NS	NS	1	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106242-418	GW242-418-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106242-418	GW242-418-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106242-418	GW242-418-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106242-418	GW242-418-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106231	GW231-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106232	GW232-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106207	GW207-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106208	GW208-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106209	GW209-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106247-450	GW247-450-203	mg/l	600	250	NS	250	FALSE
KAFB-106247-450	GW247-450-203	mg/l	250	250	NS	250	FALSE
KAFB-106247-450	GW247-450-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-203	mg/l	10	10	NS	10	FALSE
KAFB-106247-450	GW247-450-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-203	mg/l	1	NS	NS	1	FALSE
KAFB-106247-450	GW247-450-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106247-450	GW247-450-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106247-450	GW247-450-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106247-450	GW247-450-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106247-450	GW247-450-203	ug/l	750	700	15	700	FALSE
KAFB-106247-450	GW247-450-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106247-450	GW247-450-203	ug/l	620	10000	190	620	FALSE
KAFB-106247-450	GW247-450-203	ug/l	10	5	4.6	5	FALSE
KAFB-106230	GW230-203	mg/l	600	250	NS	250	FALSE
KAFB-106230	GW230-203	mg/l	250	250	NS	250	FALSE
KAFB-106230	GW230-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-203	mg/l	10	10	NS	10	FALSE
KAFB-106230	GW230-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-203	mg/l	1	NS	NS	1	FALSE
KAFB-106230	GW230-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106230	GW230-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106230	GW230-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106230	GW230-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106241-428	GW241-428-203	mg/l	600	250	NS	250	FALSE
KAFB-106241-428	GW241-428-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-203	mg/l	250	250	NS	250	FALSE
KAFB-106241-428	GW241-428-203	mg/l	10	10	NS	10	FALSE
KAFB-106241-428	GW241-428-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-203	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106241-428	GW241-428-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-203	mg/l	1	NS	NS	1	FALSE
KAFB-106241-428	GW241-428-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106241-428	GW241-428-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106241-428	GW241-428-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106241-428	GW241-428-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106041	GW041-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-203	mg/l	600	250	NS	250	FALSE
KAFB-106041	GW041-203	mg/l	250	250	NS	250	FALSE
KAFB-106041	GW041-203	mg/l	10	10	NS	10	FALSE
KAFB-106041	GW041-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-203	mg/l	1	NS	NS	1	FALSE
KAFB-106041	GW041-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106041	GW041-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106041	GW041-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106041	GW041-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106050	GW050-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106051	GW051-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106051	GW051-603	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106049	GW049-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106032	GW032-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106033	GW033-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106034	GW034-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106240-449	GW240-449-203	mg/l	600	250	NS	250	FALSE
KAFB-106240-449	GW240-449-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-203	mg/l	250	250	NS	250	FALSE
KAFB-106240-449	GW240-449-203	mg/l	10	10	NS	10	FALSE
KAFB-106240-449	GW240-449-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-203	mg/l	1	NS	NS	1	FALSE
KAFB-106240-449	GW240-449-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106240-449	GW240-449-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106240-449	GW240-449-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106240-449	GW240-449-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106240-449	GW240-449-203	ug/l	750	700	15	700	FALSE
KAFB-106240-449	GW240-449-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106240-449	GW240-449-203	ug/l	620	10000	190	620	FALSE
KAFB-106240-449	GW240-449-203	ug/l	10	5	4.6	5	FALSE
KAFB-106244-445	GW244-445-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-203	mg/l	600	250	NS	250	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106244-445	GW244-445-203	mg/l	250	250	NS	250	FALSE
KAFB-106244-445	GW244-445-203	mg/l	10	10	NS	10	FALSE
KAFB-106244-445	GW244-445-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-203	mg/l	1	NS	NS	1	FALSE
KAFB-106244-445	GW244-445-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106244-445	GW244-445-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106244-445	GW244-445-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106244-445	GW244-445-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106244-445	GW244-445-203	ug/l	750	700	15	700	FALSE
KAFB-106244-445	GW244-445-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106244-445	GW244-445-203	ug/l	620	10000	190	620	FALSE
KAFB-106244-445	GW244-445-203	ug/l	10	5	4.6	5	FALSE
KAFB-106245-460	GW245-460-203	mg/l	600	250	NS	250	FALSE
KAFB-106245-460	GW245-460-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-203	mg/l	250	250	NS	250	FALSE
KAFB-106245-460	GW245-460-203	mg/l	10	10	NS	10	FALSE
KAFB-106245-460	GW245-460-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-203	mg/l	1	NS	NS	1	FALSE
KAFB-106245-460	GW245-460-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106245-460	GW245-460-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106245-460	GW245-460-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106245-460	GW245-460-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106245-460	GW245-460-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106245-460	GW245-460-203	ug/l	750	700	15	700	FALSE
KAFB-106245-460	GW245-460-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106245-460	GW245-460-203	ug/l	620	10000	190	620	FALSE
KAFB-106245-460	GW245-460-203	ug/l	10	5	4.6	5	FALSE
KAFB-106029	GW029-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106030	GW030-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106031	GW031-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106243-425	GW243-425-203	mg/l	600	250	NS	250	FALSE
KAFB-106243-425	GW243-425-203	mg/l	250	250	NS	250	FALSE
KAFB-106243-425	GW243-425-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-203	mg/l	10	10	NS	10	FALSE
KAFB-106243-425	GW243-425-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-203	mg/l	1	NS	NS	1	FALSE
KAFB-106243-425	GW243-425-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106243-425	GW243-425-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-203	mg/l	0.015	0.015	0.015	0.015	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106243-425	GW243-425-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106243-425	GW243-425-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106243-425	GW243-425-603	mg/l	600	250	NS	250	FALSE
KAFB-106243-425	GW243-425-603	mg/l	250	250	NS	250	FALSE
KAFB-106243-425	GW243-425-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-603	mg/l	10	10	NS	10	FALSE
KAFB-106243-425	GW243-425-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-603	mg/l	1	NS	NS	1	FALSE
KAFB-106243-425	GW243-425-603	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106243-425	GW243-425-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-603	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106243-425	GW243-425-603	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106243-425	GW243-425-603	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106201	GW201-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106202	GW202-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106203	GW203-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106009	GW009-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-203	mg/l	600	250	NS	250	TRUE
KAFB-106009	GW009-203	mg/l	250	250	NS	250	FALSE
KAFB-106009	GW009-203	mg/l	10	10	NS	10	FALSE
KAFB-106009	GW009-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-203	mg/l	1	NS	NS	1	FALSE
KAFB-106009	GW009-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106009	GW009-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106009	GW009-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106009	GW009-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106009	GW009-203	ug/l	750	700	15	700	FALSE
KAFB-106009	GW009-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106009	GW009-203	ug/l	620	10000	190	620	FALSE
KAFB-106009	GW009-203	ug/l	10	5	4.6	5	FALSE
KAFB-106009	GW009-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-603	mg/l	250	250	NS	250	FALSE
KAFB-106009	GW009-603	mg/l	600	250	NS	250	TRUE
KAFB-106009	GW009-603	mg/l	10	10	NS	10	FALSE
KAFB-106009	GW009-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-603	mg/l	1	NS	NS	1	FALSE
KAFB-106009	GW009-603	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106009	GW009-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-603	mg/l	0.015	0.015	0.015	0.015	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106009	GW009-603	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106009	GW009-603	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106009	GW009-603	ug/l	750	700	15	700	FALSE
KAFB-106009	GW009-603	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106009	GW009-603	ug/l	620	10000	190	620	FALSE
KAFB-106009	GW009-603	ug/l	10	5	4.6	5	FALSE
KAFB-106S4-446	GWS4-446-203	mg/l	600	250	NS	250	FALSE
KAFB-106S4-446	GWS4-446-203	mg/l	250	250	NS	250	FALSE
KAFB-106S4-446	GWS4-446-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-203	mg/l	10	10	NS	10	FALSE
KAFB-106S4-446	GWS4-446-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-203	mg/l	1	NS	NS	1	FALSE
KAFB-106S4-446	GWS4-446-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S4-446	GWS4-446-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S4-446	GWS4-446-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S4-446	GWS4-446-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106S4-446	GWS4-446-203	ug/l	750	700	15	700	FALSE
KAFB-106S4-446	GWS4-446-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S4-446	GWS4-446-203	ug/l	620	10000	190	620	FALSE
KAFB-106S4-446	GWS4-446-203	ug/l	10	5	4.6	5	FALSE
KAFB-106152-484	GW152-484-203	mg/l	600	250	NS	250	FALSE
KAFB-106152-484	GW152-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-203	mg/l	250	250	NS	250	FALSE
KAFB-106152-484	GW152-484-203	mg/l	10	10	NS	10	FALSE
KAFB-106152-484	GW152-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-203	mg/l	1	NS	NS	1	FALSE
KAFB-106152-484	GW152-484-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106152-484	GW152-484-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106152-484	GW152-484-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106152-484	GW152-484-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106S1-447	GWS1-447-203	mg/l	600	250	NS	250	FALSE
KAFB-106S1-447	GWS1-447-203	mg/l	250	250	NS	250	FALSE
KAFB-106S1-447	GWS1-447-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-203	mg/l	10	10	NS	10	FALSE
KAFB-106S1-447	GWS1-447-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S1-447	GWS1-447-203	mg/l	1	NS	NS	1	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S1-447	GWS1-447-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S1-447	GWS1-447-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S1-447	GWS1-447-203	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S1-447	GWS1-447-203	ug/l	750	700	15	700	FALSE
KAFB-106S1-447	GWS1-447-203	ug/l	620	10000	190	620	FALSE
KAFB-106S1-447	GWS1-447-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S1-447	GWS1-447-203	ug/l	10	5	4.6	5	TRUE
KAFB-106149-484	GW149-484-203	mg/l	600	250	NS	250	FALSE
KAFB-106149-484	GW149-484-203	mg/l	250	250	NS	250	FALSE
KAFB-106149-484	GW149-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-203	mg/l	10	10	NS	10	FALSE
KAFB-106149-484	GW149-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-203	mg/l	1	NS	NS	1	FALSE
KAFB-106149-484	GW149-484-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106149-484	GW149-484-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106149-484	GW149-484-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106149-484	GW149-484-203	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S5-446	GWS5-446-203	mg/l	600	250	NS	250	FALSE
KAFB-106S5-446	GWS5-446-203	mg/l	250	250	NS	250	FALSE
KAFB-106S5-446	GWS5-446-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-203	mg/l	10	10	NS	10	FALSE
KAFB-106S5-446	GWS5-446-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-203	mg/l	1	NS	NS	1	FALSE
KAFB-106S5-446	GWS5-446-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S5-446	GWS5-446-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S5-446	GWS5-446-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S5-446	GWS5-446-203	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S5-446	GWS5-446-203	ug/l	750	700	15	700	FALSE
KAFB-106S5-446	GWS5-446-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S5-446	GWS5-446-203	ug/l	620	10000	190	620	FALSE
KAFB-106S5-446	GWS5-446-203	ug/l	10	5	4.6	5	TRUE
KAFB-106S7-451	GWS7-451-203	mg/l	600	250	NS	250	FALSE
KAFB-106S7-451	GWS7-451-203	mg/l	250	250	NS	250	FALSE
KAFB-106S7-451	GWS7-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-203	mg/l	10	10	NS	10	FALSE
KAFB-106S7-451	GWS7-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-203	mg/l	1	NS	NS	1	FALSE
KAFB-106S7-451	GWS7-451-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S7-451	GWS7-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-203	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S7-451	GWS7-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S7-451	GWS7-451-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S7-451	GWS7-451-203	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S7-451	GWS7-451-203	ug/l	750	700	15	700	FALSE
KAFB-106S7-451	GWS7-451-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S7-451	GWS7-451-203	ug/l	620	10000	190	620	FALSE
KAFB-106S7-451	GWS7-451-203	ug/l	10	5	4.6	5	TRUE
KAFB-106S3-449	GWS3-449-203	mg/l	600	250	NS	250	FALSE
KAFB-106S3-449	GWS3-449-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-203	mg/l	250	250	NS	250	FALSE
KAFB-106S3-449	GWS3-449-203	mg/l	10	10	NS	10	FALSE
KAFB-106S3-449	GWS3-449-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-203	mg/l	1	NS	NS	1	FALSE
KAFB-106S3-449	GWS3-449-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S3-449	GWS3-449-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S3-449	GWS3-449-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S3-449	GWS3-449-203	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S3-449	GWS3-449-203	ug/l	750	700	15	700	FALSE
KAFB-106S3-449	GWS3-449-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S3-449	GWS3-449-203	ug/l	620	10000	190	620	FALSE
KAFB-106S3-449	GWS3-449-203	ug/l	10	5	4.6	5	TRUE
KAFB-106S2-451	GWS2-451-203	mg/l	600	250	NS	250	FALSE
KAFB-106S2-451	GWS2-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-203	mg/l	250	250	NS	250	FALSE
KAFB-106S2-451	GWS2-451-203	mg/l	10	10	NS	10	FALSE
KAFB-106S2-451	GWS2-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-203	mg/l	1	NS	NS	1	FALSE
KAFB-106S2-451	GWS2-451-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S2-451	GWS2-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S2-451	GWS2-451-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S2-451	GWS2-451-203	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S2-451	GWS2-451-203	ug/l	750	700	15	700	FALSE
KAFB-106S2-451	GWS2-451-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S2-451	GWS2-451-203	ug/l	620	10000	190	620	FALSE
KAFB-106S2-451	GWS2-451-203	ug/l	10	5	4.6	5	TRUE
KAFB-106S9-447	GWS9-447-203	mg/l	600	250	NS	250	FALSE
KAFB-106S9-447	GWS9-447-203	mg/l	250	250	NS	250	FALSE
KAFB-106S9-447	GWS9-447-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-203	mg/l	10	10	NS	10	FALSE
KAFB-106S9-447	GWS9-447-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-203	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S9-447	GWS9-447-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-203	mg/l	1	NS	NS	1	FALSE
KAFB-106S9-447	GWS9-447-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S9-447	GWS9-447-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S9-447	GWS9-447-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S9-447	GWS9-447-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106S9-447	GWS9-447-203	ug/l	750	700	15	700	FALSE
KAFB-106S9-447	GWS9-447-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S9-447	GWS9-447-203	ug/l	620	10000	190	620	FALSE
KAFB-106S9-447	GWS9-447-203	ug/l	10	5	4.6	5	TRUE
KAFB-106151-484	GW151-484-203	mg/l	600	250	NS	250	FALSE
KAFB-106151-484	GW151-484-203	mg/l	250	250	NS	250	FALSE
KAFB-106151-484	GW151-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-203	mg/l	10	10	NS	10	FALSE
KAFB-106151-484	GW151-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-203	mg/l	1	NS	NS	1	FALSE
KAFB-106151-484	GW151-484-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106151-484	GW151-484-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106151-484	GW151-484-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106151-484	GW151-484-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106153-484	GW153-484-203	mg/l	600	250	NS	250	FALSE
KAFB-106153-484	GW153-484-203	mg/l	250	250	NS	250	FALSE
KAFB-106153-484	GW153-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-203	mg/l	10	10	NS	10	FALSE
KAFB-106153-484	GW153-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-203	mg/l	1	NS	NS	1	FALSE
KAFB-106153-484	GW153-484-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106153-484	GW153-484-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106153-484	GW153-484-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106153-484	GW153-484-203	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S8-451	GWS8-451-203	mg/l	600	250	NS	250	FALSE
KAFB-106S8-451	GWS8-451-203	mg/l	250	250	NS	250	FALSE
KAFB-106S8-451	GWS8-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-203	mg/l	10	10	NS	10	FALSE
KAFB-106S8-451	GWS8-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-203	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S8-451	GWS8-451-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-203	mg/l	1	NS	NS	1	FALSE
KAFB-106S8-451	GWS8-451-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S8-451	GWS8-451-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S8-451	GWS8-451-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S8-451	GWS8-451-203	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S8-451	GWS8-451-203	ug/l	750	700	15	700	FALSE
KAFB-106S8-451	GWS8-451-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S8-451	GWS8-451-203	ug/l	620	10000	190	620	FALSE
KAFB-106S8-451	GWS8-451-203	ug/l	10	5	4.6	5	TRUE
KAFB-106S8-451	GWS8-451-603	mg/l	600	250	NS	250	FALSE
KAFB-106S8-451	GWS8-451-603	mg/l	250	250	NS	250	FALSE
KAFB-106S8-451	GWS8-451-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-603	mg/l	10	10	NS	10	FALSE
KAFB-106S8-451	GWS8-451-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-603	mg/l	1	NS	NS	1	FALSE
KAFB-106S8-451	GWS8-451-603	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S8-451	GWS8-451-603	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S8-451	GWS8-451-603	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S8-451	GWS8-451-603	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S8-451	GWS8-451-603	ug/l	750	700	15	700	FALSE
KAFB-106S8-451	GWS8-451-603	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S8-451	GWS8-451-603	ug/l	620	10000	190	620	FALSE
KAFB-106S8-451	GWS8-451-603	ug/l	10	5	4.6	5	TRUE
KAFB-106005	GW005-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-203	mg/l	600	250	NS	250	FALSE
KAFB-106005	GW005-203	mg/l	250	250	NS	250	FALSE
KAFB-106005	GW005-203	mg/l	10	10	NS	10	FALSE
KAFB-106005	GW005-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-203	mg/l	1	NS	NS	1	FALSE
KAFB-106005	GW005-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106005	GW005-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106005	GW005-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106005	GW005-203	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106005	GW005-203	ug/l	750	700	15	700	FALSE
KAFB-106005	GW005-203	ug/l	620	10000	190	620	FALSE
KAFB-106005	GW005-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106005	GW005-203	ug/l	10	5	4.6	5	TRUE
KAFB-106012R	GW012R-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-203	mg/l	600	250	NS	250	TRUE
KAFB-106012R	GW012R-203	mg/l	250	250	NS	250	FALSE
KAFB-106012R	GW012R-203	mg/l	10	10	NS	10	FALSE
KAFB-106012R	GW012R-203	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106012R	GW012R-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-203	mg/l	1	NS	NS	1	FALSE
KAFB-106012R	GW012R-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106012R	GW012R-203	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106012R	GW012R-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106012R	GW012R-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106012R	GW012R-203	ug/l	750	700	15	700	FALSE
KAFB-106012R	GW012R-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106012R	GW012R-203	ug/l	620	10000	190	620	FALSE
KAFB-106012R	GW012R-203	ug/l	10	5	4.6	5	FALSE
KAFB-106012R	GW012R-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-603	mg/l	600	250	NS	250	TRUE
KAFB-106012R	GW012R-603	mg/l	250	250	NS	250	FALSE
KAFB-106012R	GW012R-603	mg/l	10	10	NS	10	FALSE
KAFB-106012R	GW012R-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-603	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-603	mg/l	1	NS	NS	1	FALSE
KAFB-106012R	GW012R-603	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106012R	GW012R-603	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106012R	GW012R-603	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106012R	GW012R-603	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106012R	GW012R-603	ug/l	750	700	15	700	FALSE
KAFB-106012R	GW012R-603	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106012R	GW012R-603	ug/l	620	10000	190	620	FALSE
KAFB-106012R	GW012R-603	ug/l	10	5	4.6	5	FALSE
KAFB-106101	GW101-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106101	GW101-203	ug/l	750	700	15	700	FALSE
KAFB-106101	GW101-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106101	GW101-203	ug/l	620	10000	190	620	FALSE
KAFB-106101	GW101-203	ug/l	10	5	4.6	5	FALSE
KAFB-106102	GW102-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106102	GW102-203	ug/l	750	700	15	700	FALSE
KAFB-106102	GW102-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106102	GW102-203	ug/l	620	10000	190	620	FALSE
KAFB-106102	GW102-203	ug/l	10	5	4.6	5	FALSE
KAFB-106003	GW003-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106003	GW003-203	ug/l	750	700	15	700	FALSE
KAFB-106003	GW003-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106003	GW003-203	ug/l	620	10000	190	620	FALSE
KAFB-106003	GW003-203	ug/l	10	5	4.6	5	FALSE
KAFB-106013	GW013-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106013	GW013-203	ug/l	750	700	15	700	FALSE
KAFB-106013	GW013-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106013	GW013-203	ug/l	620	10000	190	620	FALSE
KAFB-106013	GW013-203	ug/l	10	5	4.6	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106098	GW098-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106098	GW098-203	ug/l	750	700	15	700	FALSE
KAFB-106098	GW098-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106098	GW098-203	ug/l	620	10000	190	620	FALSE
KAFB-106098	GW098-203	ug/l	10	5	4.6	5	FALSE
KAFB-106097	GW097-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106097	GW097-203	ug/l	750	700	15	700	FALSE
KAFB-106097	GW097-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106097	GW097-203	ug/l	620	10000	190	620	FALSE
KAFB-106097	GW097-203	ug/l	10	5	4.6	5	FALSE
KAFB-106004	GW004-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106004	GW004-203	ug/l	750	700	15	700	FALSE
KAFB-106004	GW004-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106004	GW004-203	ug/l	620	10000	190	620	FALSE
KAFB-106004	GW004-203	ug/l	10	5	4.6	5	FALSE
KAFB-106100	GW100-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106100	GW100-203	ug/l	750	700	15	700	FALSE
KAFB-106100	GW100-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106100	GW100-203	ug/l	620	10000	190	620	FALSE
KAFB-106100	GW100-203	ug/l	10	5	4.6	5	FALSE
KAFB-106099	GW099-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106099	GW099-203	ug/l	750	700	15	700	FALSE
KAFB-106099	GW099-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106099	GW099-203	ug/l	620	10000	190	620	FALSE
KAFB-106099	GW099-203	ug/l	10	5	4.6	5	FALSE
KAFB-0508-MW	GW0508-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-0508-MW	GW0508-203	mg/l	0.2	NS	NS	NS	FALSE
KAFB-0508-MW	GW0508-203	mg/l	NS	NS	NS	0.2	FALSE
KAFB-0508-MW	GW0508-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-0508-MW	GW0508-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-0508-MW	GW0508-203	mg/l	2	2	3.8	2	FALSE
KAFB-0508-MW	GW0508-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-0508-MW	GW0508-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-0508-MW	GW0508-203	mg/l	NS	NS	12	NS	FALSE
KAFB-0508-MW	GW0508-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-0508-MW	GW0508-203	ug/l	750	700	15	700	FALSE
KAFB-0508-MW	GW0508-203	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-0508-MW	GW0508-203	ug/l	620	10000	190	620	FALSE
KAFB-0508-MW	GW0508-203	ug/l	10	5	4.6	5	FALSE
KAFB-0508-MW	GW0508-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-0508-MW	GW0508-203	mg/l	5.0	NS	20	5.0	FALSE
KAFB-0508-MW	GW0508-203	mg/l	1	NS	NS	1	FALSE
KAFB-0505	GW0505-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-0505	GW0505-203	mg/l	5.0	NS	20	5.0	FALSE
KAFB-0505	GW0505-203	mg/l	1	NS	NS	1	FALSE
KAFB-0505	GW0505-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-0505	GW0505-203	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-0505	GW0505-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-0505	GW0505-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-0505	GW0505-203	mg/l	2	2	3.8	2	FALSE
KAFB-0505	GW0505-203	mg/l	NS	NS	NS	NS	FALSE
KAFB-0505	GW0505-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-0505	GW0505-203	mg/l	NS	NS	12	NS	FALSE
KAFB-0505	GW0505-203	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-0505	GW0505-203	ug/l	750	700	15	700	FALSE
KAFB-0505	GW0505-203	ug/l	1,000	1000	1100	1,000	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-0505	GW0505-203	ug/l	620	10000	190	620	FALSE
KAFB-0505	GW0505-203	ug/l	10	5	4.6	5	FALSE
ST105MW507R	GW0507R-203	mg/l	NS	NS	NS	NS	FALSE
ST105MW507R	GW0507R-203	mg/l	5.0	NS	20	5.0	FALSE
ST105MW507R	GW0507R-203	mg/l	1	NS	NS	1	FALSE
ST105MW507R	GW0507R-203	mg/l	NS	NS	NS	NS	FALSE
ST105MW507R	GW0507R-203	mg/l	0.2	NS	NS	0.2	FALSE
ST105MW507R	GW0507R-203	mg/l	NS	NS	NS	NS	FALSE
ST105MW507R	GW0507R-203	mg/l	NS	NS	NS	NS	FALSE
ST105MW507R	GW0507R-203	mg/l	2	2	3.8	2	FALSE
ST105MW507R	GW0507R-203	mg/l	NS	NS	NS	NS	FALSE
ST105MW507R	GW0507R-203	mg/l	0.01	0.01	0.00052	0.01	FALSE
ST105MW507R	GW0507R-203	mg/l	NS	NS	12	NS	FALSE
ST105MW507R	GW0507R-203	ug/l	0.05	0.05	0.075	0.05	FALSE
ST105MW507R	GW0507R-203	ug/l	750	700	15	700	FALSE
ST105MW507R	GW0507R-203	ug/l	1,000	1000	1100	1,000	FALSE
ST105MW507R	GW0507R-203	ug/l	620	10000	190	620	FALSE
ST105MW507R	GW0507R-203	ug/l	10	5	4.6	5	FALSE
ST105MW507R	GW0507R-603	mg/l	NS	NS	NS	NS	FALSE
ST105MW507R	GW0507R-603	mg/l	5.0	NS	20	5.0	FALSE
ST105MW507R	GW0507R-603	mg/l	1	NS	NS	1	FALSE
ST105MW507R	GW0507R-603	mg/l	NS	NS	NS	NS	FALSE
ST105MW507R	GW0507R-603	mg/l	0.2	NS	NS	0.2	FALSE
ST105MW507R	GW0507R-603	mg/l	NS	NS	NS	NS	FALSE
ST105MW507R	GW0507R-603	mg/l	NS	NS	NS	NS	FALSE
ST105MW507R	GW0507R-603	mg/l	2	2	3.8	2	FALSE
ST105MW507R	GW0507R-603	mg/l	NS	NS	NS	NS	FALSE
ST105MW507R	GW0507R-603	mg/l	0.01	0.01	0.00052	0.01	FALSE
ST105MW507R	GW0507R-603	mg/l	NS	NS	12	NS	FALSE
ST105MW507R	GW0507R-603	ug/l	0.05	0.05	0.075	0.05	FALSE
ST105MW507R	GW0507R-603	ug/l	750	700	15	700	FALSE
ST105MW507R	GW0507R-603	ug/l	1,000	1000	1100	1,000	FALSE
ST105MW507R	GW0507R-603	ug/l	620	10000	190	620	FALSE
ST105MW507R	GW0507R-603	ug/l	10	5	4.6	5	FALSE
KAFB-106011	GW011-204	mg/l	600	250	NS	250	FALSE
KAFB-106011	GW011-204	mg/l	250	250	NS	250	FALSE
KAFB-106011	GW011-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-204	mg/l	10	10	NS	10	FALSE
KAFB-106011	GW011-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-204	mg/l	1	NS	NS	1	FALSE
KAFB-106011	GW011-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106011	GW011-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106011	GW011-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106011	GW011-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106011	GW011-204	ug/l	750	700	15	700	FALSE
KAFB-106011	GW011-204	ug/l	NS	100	1200	100	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	660	660	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106011	GW011-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	250	250	FALSE
KAFB-106011	GW011-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106011	GW011-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106011	GW011-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106011	GW011-204	ug/l	10	5	1.7	5	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106011	GW011-204	ug/l	NS	NS	410	410	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	60	120	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	62	62	FALSE
KAFB-106011	GW011-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106011	GW011-204	ug/l	NS	100	78	100	FALSE
KAFB-106011	GW011-204	ug/l	NS	70	11	70	FALSE
KAFB-106011	GW011-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106011	GW011-204	ug/l	20	5	110	5	FALSE
KAFB-106011	GW011-204	ug/l	620	10000	190	620	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	370	370	FALSE
KAFB-106011	GW011-204	ug/l	NS	70	36	70	FALSE
KAFB-106011	GW011-204	ug/l	NS	100	68	100	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	140	140	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106011	GW011-204	ug/l	NS	600	300	600	FALSE
KAFB-106011	GW011-204	ug/l	10	5	0.46	5	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	38	38	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106011	GW011-204	ug/l	100	80	2.2	80	FALSE
KAFB-106011	GW011-204	ug/l	10	5	4.6	5	FALSE
KAFB-106011	GW011-204	ug/l	60	200	8000	60	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	190	190	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	8	8	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	83	83	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106011	GW011-204	ug/l	2	2	0.19	2	FALSE
KAFB-106011	GW011-204	ug/l	100	5	110	5	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	810	810	FALSE
KAFB-106011	GW011-204	ug/l	NS	80	33	80	FALSE
KAFB-106011	GW011-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106011	GW011-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106011	GW011-204	ug/l	5	7	280	5	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	200	200	FALSE
KAFB-106011	GW011-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106011	GW011-204	ug/l	10	5	2.8	5	FALSE
KAFB-106011	GW011-204	ug/l	100	5	4.9	5	FALSE
KAFB-106011	GW011-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	7	7	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106011	GW011-204	ug/l	30	NS	1.2	30	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106011	GW011-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	240	240	FALSE
KAFB-106011	GW011-204	ug/l	NS	600	300	600	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	56	56	FALSE
KAFB-106011	GW011-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106011	GW011-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106011	GW011-204	ug/l	NS	NS	690	690	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	450	450	FALSE
KAFB-106011	GW011-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-204	mg/l	600	250	NS	250	FALSE
KAFB-106044	GW044-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-204	mg/l	250	250	NS	250	FALSE
KAFB-106044	GW044-204	mg/l	10	10	NS	10	FALSE
KAFB-106044	GW044-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-204	mg/l	1	NS	NS	1	FALSE
KAFB-106044	GW044-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106044	GW044-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106044	GW044-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106044	GW044-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106044	GW044-204	ug/l	750	700	15	700	FALSE
KAFB-106044	GW044-204	ug/l	NS	100	1200	100	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	660	660	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	250	250	FALSE
KAFB-106044	GW044-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106044	GW044-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106044	GW044-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106044	GW044-204	ug/l	10	5	1.7	5	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106044	GW044-204	ug/l	NS	NS	410	410	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	60	120	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	62	62	FALSE
KAFB-106044	GW044-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106044	GW044-204	ug/l	NS	100	78	100	FALSE
KAFB-106044	GW044-204	ug/l	NS	70	11	70	FALSE
KAFB-106044	GW044-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106044	GW044-204	ug/l	20	5	110	5	FALSE
KAFB-106044	GW044-204	ug/l	620	10000	190	620	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	370	370	FALSE
KAFB-106044	GW044-204	ug/l	NS	70	36	70	FALSE
KAFB-106044	GW044-204	ug/l	NS	100	68	100	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	140	140	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106044	GW044-204	ug/l	NS	600	300	600	FALSE
KAFB-106044	GW044-204	ug/l	10	5	0.46	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106044	GW044-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	38	38	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106044	GW044-204	ug/l	100	80	2.2	80	FALSE
KAFB-106044	GW044-204	ug/l	10	5	4.6	5	FALSE
KAFB-106044	GW044-204	ug/l	60	200	8000	60	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	190	190	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	8	8	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	83	83	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106044	GW044-204	ug/l	2	2	0.19	2	FALSE
KAFB-106044	GW044-204	ug/l	100	5	110	5	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	810	810	FALSE
KAFB-106044	GW044-204	ug/l	NS	80	33	80	FALSE
KAFB-106044	GW044-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106044	GW044-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106044	GW044-204	ug/l	5	7	280	5	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	200	200	FALSE
KAFB-106044	GW044-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106044	GW044-204	ug/l	10	5	2.8	5	FALSE
KAFB-106044	GW044-204	ug/l	100	5	4.9	5	FALSE
KAFB-106044	GW044-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	7	7	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106044	GW044-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	240	240	FALSE
KAFB-106044	GW044-204	ug/l	NS	600	300	600	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	56	56	FALSE
KAFB-106044	GW044-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106044	GW044-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106044	GW044-204	ug/l	NS	NS	690	690	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	450	450	FALSE
KAFB-106044	GW044-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-604	mg/l	600	250	NS	250	FALSE
KAFB-106044	GW044-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-604	mg/l	250	250	NS	250	FALSE
KAFB-106044	GW044-604	mg/l	10	10	NS	10	FALSE
KAFB-106044	GW044-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-604	mg/l	1	NS	NS	1	FALSE
KAFB-106044	GW044-604	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106044	GW044-604	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106044	GW044-604	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106044	GW044-604	ug/l	0.05	0.05	0.075	0.05	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106044	GW044-604	ug/l	750	700	15	700	FALSE
KAFB-106044	GW044-604	ug/l	NS	100	1200	100	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	660	660	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	1000	1000	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	250	250	FALSE
KAFB-106044	GW044-604	ug/l	NS	75	4.8	75	FALSE
KAFB-106044	GW044-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106044	GW044-604	ug/l	NS	NS	0.042	100	TRUE
KAFB-106044	GW044-604	ug/l	10	5	1.7	5	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	0.52	20	TRUE
KAFB-106044	GW044-604	ug/l	NS	NS	410	410	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	6300	1200	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	60	120	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	62	62	FALSE
KAFB-106044	GW044-604	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106044	GW044-604	ug/l	NS	100	78	100	FALSE
KAFB-106044	GW044-604	ug/l	NS	70	11	70	FALSE
KAFB-106044	GW044-604	ug/l	NS	80	1.7	80	FALSE
KAFB-106044	GW044-604	ug/l	20	5	110	5	FALSE
KAFB-106044	GW044-604	ug/l	620	10000	190	620	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	2000	2000	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	370	370	FALSE
KAFB-106044	GW044-604	ug/l	NS	70	36	70	FALSE
KAFB-106044	GW044-604	ug/l	NS	100	68	100	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	140	140	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106044	GW044-604	ug/l	NS	600	300	600	FALSE
KAFB-106044	GW044-604	ug/l	10	5	0.46	5	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	38	38	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	14000	14000	FALSE
KAFB-106044	GW044-604	ug/l	100	80	2.2	80	FALSE
KAFB-106044	GW044-604	ug/l	10	5	4.6	5	FALSE
KAFB-106044	GW044-604	ug/l	60	200	8000	60	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	190	190	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	8	8	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	83	83	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106044	GW044-604	ug/l	2	2	0.19	2	FALSE
KAFB-106044	GW044-604	ug/l	100	5	110	5	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	810	810	FALSE
KAFB-106044	GW044-604	ug/l	NS	80	33	80	FALSE
KAFB-106044	GW044-604	ug/l	NS	80	1.3	80	FALSE
KAFB-106044	GW044-604	ug/l	25	NS	2.8	25	FALSE
KAFB-106044	GW044-604	ug/l	5	7	280	5	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	5200	1100	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	200	200	FALSE
KAFB-106044	GW044-604	ug/l	NS	5	8.25	5	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	5600	5600	FALSE
KAFB-106044	GW044-604	ug/l	10	5	2.8	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106044	GW044-604	ug/l	100	5	4.9	5	FALSE
KAFB-106044	GW044-604	ug/l	10	NS	0.76	10	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	7	7	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	1.4	5	TRUE
KAFB-106044	GW044-604	ug/l	30	NS	1.2	30	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	240	240	FALSE
KAFB-106044	GW044-604	ug/l	NS	600	300	600	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	56	56	FALSE
KAFB-106044	GW044-604	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106044	GW044-604	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106044	GW044-604	ug/l	NS	NS	690	690	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	450	450	FALSE
KAFB-106044	GW044-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-204	mg/l	600	250	NS	250	FALSE
KAFB-106027	GW027-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-204	mg/l	250	250	NS	250	FALSE
KAFB-106027	GW027-204	mg/l	10	10	NS	10	FALSE
KAFB-106027	GW027-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-204	mg/l	1	NS	NS	1	FALSE
KAFB-106027	GW027-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106027	GW027-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106027	GW027-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106027	GW027-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106027	GW027-204	ug/l	750	700	15	700	FALSE
KAFB-106027	GW027-204	ug/l	NS	100	1200	100	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	660	660	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	250	250	FALSE
KAFB-106027	GW027-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106027	GW027-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106027	GW027-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106027	GW027-204	ug/l	10	5	1.7	5	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106027	GW027-204	ug/l	NS	NS	410	410	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	60	120	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	62	62	FALSE
KAFB-106027	GW027-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106027	GW027-204	ug/l	NS	100	78	100	FALSE
KAFB-106027	GW027-204	ug/l	NS	70	11	70	FALSE
KAFB-106027	GW027-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106027	GW027-204	ug/l	20	5	110	5	FALSE
KAFB-106027	GW027-204	ug/l	620	10000	190	620	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	370	370	FALSE
KAFB-106027	GW027-204	ug/l	NS	70	36	70	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106027	GW027-204	ug/l	NS	100	68	100	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	140	140	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106027	GW027-204	ug/l	NS	600	300	600	FALSE
KAFB-106027	GW027-204	ug/l	10	5	0.46	5	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	38	38	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106027	GW027-204	ug/l	100	80	2.2	80	FALSE
KAFB-106027	GW027-204	ug/l	10	5	4.6	5	FALSE
KAFB-106027	GW027-204	ug/l	60	200	8000	60	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	190	190	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	8	8	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	83	83	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106027	GW027-204	ug/l	2	2	0.19	2	FALSE
KAFB-106027	GW027-204	ug/l	100	5	110	5	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	810	810	FALSE
KAFB-106027	GW027-204	ug/l	NS	80	33	80	FALSE
KAFB-106027	GW027-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106027	GW027-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106027	GW027-204	ug/l	5	7	280	5	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	200	200	FALSE
KAFB-106027	GW027-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106027	GW027-204	ug/l	10	5	2.8	5	FALSE
KAFB-106027	GW027-204	ug/l	100	5	4.9	5	FALSE
KAFB-106027	GW027-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	7	7	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106027	GW027-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	240	240	FALSE
KAFB-106027	GW027-204	ug/l	NS	600	300	600	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	56	56	FALSE
KAFB-106027	GW027-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106027	GW027-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106027	GW027-204	ug/l	NS	NS	690	690	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	450	450	FALSE
KAFB-106027	GW027-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-204	mg/l	600	250	NS	250	FALSE
KAFB-106016	GW016-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-204	mg/l	250	250	NS	250	FALSE
KAFB-106016	GW016-204	mg/l	10	10	NS	10	FALSE
KAFB-106016	GW016-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106016	GW016-204	mg/l	1	NS	NS	1	FALSE
KAFB-106016	GW016-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106016	GW016-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106016	GW016-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106016	GW016-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106016	GW016-204	ug/l	750	700	15	700	FALSE
KAFB-106016	GW016-204	ug/l	NS	100	1200	100	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	660	660	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	250	250	FALSE
KAFB-106016	GW016-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106016	GW016-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106016	GW016-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106016	GW016-204	ug/l	10	5	1.7	5	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106016	GW016-204	ug/l	NS	NS	410	410	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	60	120	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	62	62	FALSE
KAFB-106016	GW016-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106016	GW016-204	ug/l	NS	100	78	100	FALSE
KAFB-106016	GW016-204	ug/l	NS	70	11	70	FALSE
KAFB-106016	GW016-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106016	GW016-204	ug/l	20	5	110	5	FALSE
KAFB-106016	GW016-204	ug/l	620	10000	190	620	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	370	370	FALSE
KAFB-106016	GW016-204	ug/l	NS	70	36	70	FALSE
KAFB-106016	GW016-204	ug/l	NS	100	68	100	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	140	140	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106016	GW016-204	ug/l	NS	600	300	600	FALSE
KAFB-106016	GW016-204	ug/l	10	5	0.46	5	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	38	38	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106016	GW016-204	ug/l	100	80	2.2	80	FALSE
KAFB-106016	GW016-204	ug/l	10	5	4.6	5	FALSE
KAFB-106016	GW016-204	ug/l	60	200	8000	60	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	190	190	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	8	8	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	83	83	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106016	GW016-204	ug/l	2	2	0.19	2	FALSE
KAFB-106016	GW016-204	ug/l	100	5	110	5	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	810	810	FALSE
KAFB-106016	GW016-204	ug/l	NS	80	33	80	FALSE
KAFB-106016	GW016-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106016	GW016-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106016	GW016-204	ug/l	5	7	280	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106016	GW016-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	200	200	FALSE
KAFB-106016	GW016-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106016	GW016-204	ug/l	10	5	2.8	5	FALSE
KAFB-106016	GW016-204	ug/l	100	5	4.9	5	FALSE
KAFB-106016	GW016-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	7	7	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106016	GW016-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	240	240	FALSE
KAFB-106016	GW016-204	ug/l	NS	600	300	600	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	56	56	FALSE
KAFB-106016	GW016-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106016	GW016-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106016	GW016-204	ug/l	NS	NS	690	690	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	450	450	FALSE
KAFB-106016	GW016-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-204	mg/l	600	250	NS	250	FALSE
KAFB-106012R	GW012R-204	mg/l	250	250	NS	250	FALSE
KAFB-106012R	GW012R-204	mg/l	10	10	NS	10	FALSE
KAFB-106012R	GW012R-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-204	mg/l	1	NS	NS	1	FALSE
KAFB-106012R	GW012R-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106012R	GW012R-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106012R	GW012R-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106012R	GW012R-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106012R	GW012R-204	ug/l	750	700	15	700	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	100	1200	100	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	660	660	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	250	250	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106012R	GW012R-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106012R	GW012R-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106012R	GW012R-204	ug/l	10	5	1.7	5	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106012R	GW012R-204	ug/l	NS	NS	410	410	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	60	120	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	62	62	FALSE
KAFB-106012R	GW012R-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	100	78	100	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	70	11	70	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	80	1.7	80	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106012R	GW012R-204	ug/l	20	5	110	5	FALSE
KAFB-106012R	GW012R-204	ug/l	620	10000	190	620	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	370	370	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	70	36	70	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	100	68	100	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	140	140	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	600	300	600	FALSE
KAFB-106012R	GW012R-204	ug/l	10	5	0.46	5	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	38	38	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106012R	GW012R-204	ug/l	100	80	2.2	80	FALSE
KAFB-106012R	GW012R-204	ug/l	10	5	4.6	5	FALSE
KAFB-106012R	GW012R-204	ug/l	60	200	8000	60	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	190	190	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	8	8	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	83	83	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106012R	GW012R-204	ug/l	2	2	0.19	2	FALSE
KAFB-106012R	GW012R-204	ug/l	100	5	110	5	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	810	810	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	80	33	80	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106012R	GW012R-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106012R	GW012R-204	ug/l	5	7	280	5	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	200	200	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106012R	GW012R-204	ug/l	10	5	2.8	5	FALSE
KAFB-106012R	GW012R-204	ug/l	100	5	4.9	5	FALSE
KAFB-106012R	GW012R-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	7	7	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106012R	GW012R-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	240	240	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	600	300	600	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	56	56	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106012R	GW012R-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106012R	GW012R-204	ug/l	NS	NS	690	690	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	450	450	FALSE
KAFB-106012R	GW012R-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-204	mg/l	600	250	NS	250	FALSE
KAFB-3411	GW3411-204	mg/l	250	250	NS	250	FALSE
KAFB-3411	GW3411-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-204	mg/l	10	10	NS	10	FALSE
KAFB-3411	GW3411-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-3411	GW3411-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-204	mg/l	1	NS	NS	1	FALSE
KAFB-3411	GW3411-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-3411	GW3411-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-3411	GW3411-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-3411	GW3411-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-3411	GW3411-204	ug/l	750	700	15	700	FALSE
KAFB-3411	GW3411-204	ug/l	NS	100	1200	100	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	660	660	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	250	250	FALSE
KAFB-3411	GW3411-204	ug/l	NS	75	4.8	75	FALSE
KAFB-3411	GW3411-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-3411	GW3411-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-3411	GW3411-204	ug/l	10	5	1.7	5	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-3411	GW3411-204	ug/l	NS	NS	410	410	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	60	120	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	62	62	FALSE
KAFB-3411	GW3411-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-3411	GW3411-204	ug/l	NS	100	78	100	FALSE
KAFB-3411	GW3411-204	ug/l	NS	70	11	70	FALSE
KAFB-3411	GW3411-204	ug/l	NS	80	1.7	80	FALSE
KAFB-3411	GW3411-204	ug/l	20	5	110	5	FALSE
KAFB-3411	GW3411-204	ug/l	620	10000	190	620	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	370	370	FALSE
KAFB-3411	GW3411-204	ug/l	NS	70	36	70	FALSE
KAFB-3411	GW3411-204	ug/l	NS	100	68	100	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	140	140	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	190	10000	FALSE
KAFB-3411	GW3411-204	ug/l	NS	600	300	600	FALSE
KAFB-3411	GW3411-204	ug/l	10	5	0.46	5	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	38	38	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-3411	GW3411-204	ug/l	100	80	2.2	80	FALSE
KAFB-3411	GW3411-204	ug/l	10	5	4.6	5	FALSE
KAFB-3411	GW3411-204	ug/l	60	200	8000	60	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	190	190	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	8	8	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	83	83	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-3411	GW3411-204	ug/l	2	2	0.19	2	FALSE
KAFB-3411	GW3411-204	ug/l	100	5	110	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-3411	GW3411-204	ug/l	NS	NS	810	810	FALSE
KAFB-3411	GW3411-204	ug/l	NS	80	33	80	FALSE
KAFB-3411	GW3411-204	ug/l	NS	80	1.3	80	FALSE
KAFB-3411	GW3411-204	ug/l	25	NS	2.8	25	FALSE
KAFB-3411	GW3411-204	ug/l	5	7	280	5	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	200	200	FALSE
KAFB-3411	GW3411-204	ug/l	NS	5	8.25	5	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-3411	GW3411-204	ug/l	10	5	2.8	5	FALSE
KAFB-3411	GW3411-204	ug/l	100	5	4.9	5	FALSE
KAFB-3411	GW3411-204	ug/l	10	NS	0.76	10	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	7	7	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-3411	GW3411-204	ug/l	30	NS	1.2	30	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	190	10000	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	240	240	FALSE
KAFB-3411	GW3411-204	ug/l	NS	600	300	600	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	56	56	FALSE
KAFB-3411	GW3411-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-3411	GW3411-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-3411	GW3411-204	ug/l	NS	NS	690	690	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	450	450	FALSE
KAFB-3411	GW3411-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-204	mg/l	600	250	NS	250	FALSE
KAFB-106235-472	GW235-472-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-204	mg/l	250	250	NS	250	FALSE
KAFB-106235-472	GW235-472-204	mg/l	10	10	NS	10	FALSE
KAFB-106235-472	GW235-472-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-204	mg/l	1	NS	NS	1	FALSE
KAFB-106235-472	GW235-472-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106235-472	GW235-472-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106235-472	GW235-472-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106235-472	GW235-472-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106235-472	GW235-472-204	ug/l	750	700	15	700	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	100	1200	100	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	660	660	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	250	250	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106235-472	GW235-472-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106235-472	GW235-472-204	ug/l	10	5	1.7	5	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	410	410	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	60	120	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	62	62	FALSE
KAFB-106235-472	GW235-472-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	100	78	100	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	70	11	70	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106235-472	GW235-472-204	ug/l	20	5	110	5	FALSE
KAFB-106235-472	GW235-472-204	ug/l	620	10000	190	620	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	370	370	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	70	36	70	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	100	68	100	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	140	140	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	600	300	600	FALSE
KAFB-106235-472	GW235-472-204	ug/l	10	5	0.46	5	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	38	38	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106235-472	GW235-472-204	ug/l	100	80	2.2	80	FALSE
KAFB-106235-472	GW235-472-204	ug/l	10	5	4.6	5	FALSE
KAFB-106235-472	GW235-472-204	ug/l	60	200	8000	60	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	190	190	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	8	8	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	83	83	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	83	83	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106235-472	GW235-472-204	ug/l	2	2	0.19	2	FALSE
KAFB-106235-472	GW235-472-204	ug/l	100	5	110	5	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	810	810	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	80	33	80	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106235-472	GW235-472-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106235-472	GW235-472-204	ug/l	5	7	280	5	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	200	200	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106235-472	GW235-472-204	ug/l	10	5	2.8	5	FALSE
KAFB-106235-472	GW235-472-204	ug/l	100	5	4.9	5	FALSE
KAFB-106235-472	GW235-472-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	7	7	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106235-472	GW235-472-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	240	240	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	600	300	600	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	56	56	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	690	690	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	450	450	FALSE
KAFB-106235-472	GW235-472-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-204	mg/l	600	250	NS	250	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106007	GW007-204	mg/l	250	250	NS	250	FALSE
KAFB-106007	GW007-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-204	mg/l	10	10	NS	10	FALSE
KAFB-106007	GW007-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-204	mg/l	1	NS	NS	1	FALSE
KAFB-106007	GW007-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106007	GW007-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106007	GW007-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106007	GW007-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106007	GW007-204	ug/l	750	700	15	700	FALSE
KAFB-106007	GW007-204	ug/l	NS	100	1200	100	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	660	660	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	250	250	FALSE
KAFB-106007	GW007-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106007	GW007-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106007	GW007-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106007	GW007-204	ug/l	10	5	1.7	5	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106007	GW007-204	ug/l	NS	NS	410	410	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	60	120	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	62	62	FALSE
KAFB-106007	GW007-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106007	GW007-204	ug/l	NS	100	78	100	FALSE
KAFB-106007	GW007-204	ug/l	NS	70	11	70	FALSE
KAFB-106007	GW007-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106007	GW007-204	ug/l	20	5	110	5	FALSE
KAFB-106007	GW007-204	ug/l	620	10000	190	620	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	370	370	FALSE
KAFB-106007	GW007-204	ug/l	NS	70	36	70	FALSE
KAFB-106007	GW007-204	ug/l	NS	100	68	100	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	140	140	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106007	GW007-204	ug/l	NS	600	300	600	FALSE
KAFB-106007	GW007-204	ug/l	10	5	0.46	5	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	38	38	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106007	GW007-204	ug/l	100	80	2.2	80	FALSE
KAFB-106007	GW007-204	ug/l	10	5	4.6	5	FALSE
KAFB-106007	GW007-204	ug/l	60	200	8000	60	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	190	190	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106007	GW007-204	ug/l	NS	NS	8	8	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	83	83	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106007	GW007-204	ug/l	2	2	0.19	2	FALSE
KAFB-106007	GW007-204	ug/l	100	5	110	5	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	810	810	FALSE
KAFB-106007	GW007-204	ug/l	NS	80	33	80	FALSE
KAFB-106007	GW007-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106007	GW007-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106007	GW007-204	ug/l	5	7	280	5	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	200	200	FALSE
KAFB-106007	GW007-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106007	GW007-204	ug/l	10	5	2.8	5	FALSE
KAFB-106007	GW007-204	ug/l	100	5	4.9	5	FALSE
KAFB-106007	GW007-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	7	7	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106007	GW007-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	240	240	FALSE
KAFB-106007	GW007-204	ug/l	NS	600	300	600	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	56	56	FALSE
KAFB-106007	GW007-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106007	GW007-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106007	GW007-204	ug/l	NS	NS	690	690	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	450	450	FALSE
KAFB-106007	GW007-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-204	mg/l	600	250	NS	250	FALSE
KAFB-106235-438	GW235-438-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-204	mg/l	250	250	NS	250	FALSE
KAFB-106235-438	GW235-438-204	mg/l	10	10	NS	10	FALSE
KAFB-106235-438	GW235-438-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-204	mg/l	1	NS	NS	1	FALSE
KAFB-106235-438	GW235-438-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106235-438	GW235-438-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106235-438	GW235-438-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106235-438	GW235-438-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106235-438	GW235-438-204	ug/l	750	700	15	700	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	100	1200	100	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	660	660	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	250	250	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106235-438	GW235-438-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	0.042	100	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106235-438	GW235-438-204	ug/l	10	5	1.7	5	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	410	410	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	60	120	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	62	62	FALSE
KAFB-106235-438	GW235-438-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	100	78	100	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	70	11	70	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106235-438	GW235-438-204	ug/l	20	5	110	5	FALSE
KAFB-106235-438	GW235-438-204	ug/l	620	10000	190	620	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	370	370	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	70	36	70	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	100	68	100	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	140	140	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	600	300	600	FALSE
KAFB-106235-438	GW235-438-204	ug/l	10	5	0.46	5	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	38	38	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106235-438	GW235-438-204	ug/l	100	80	2.2	80	FALSE
KAFB-106235-438	GW235-438-204	ug/l	10	5	4.6	5	FALSE
KAFB-106235-438	GW235-438-204	ug/l	60	200	8000	60	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	190	190	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	8	8	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	83	83	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106235-438	GW235-438-204	ug/l	2	2	0.19	2	FALSE
KAFB-106235-438	GW235-438-204	ug/l	100	5	110	5	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	810	810	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	80	33	80	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106235-438	GW235-438-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106235-438	GW235-438-204	ug/l	5	7	280	5	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	200	200	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106235-438	GW235-438-204	ug/l	10	5	2.8	5	FALSE
KAFB-106235-438	GW235-438-204	ug/l	100	5	4.9	5	FALSE
KAFB-106235-438	GW235-438-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	7	7	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106235-438	GW235-438-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	240	240	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	600	300	600	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	56	56	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	0.2	0.0033	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	690	690	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	450	450	FALSE
KAFB-106235-438	GW235-438-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-204	mg/l	600	250	NS	250	FALSE
KAFB-106235-501	GW235-501-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-204	mg/l	250	250	NS	250	FALSE
KAFB-106235-501	GW235-501-204	mg/l	10	10	NS	10	FALSE
KAFB-106235-501	GW235-501-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-204	mg/l	1	NS	NS	1	FALSE
KAFB-106235-501	GW235-501-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106235-501	GW235-501-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106235-501	GW235-501-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106235-501	GW235-501-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106235-501	GW235-501-204	ug/l	750	700	15	700	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	100	1200	100	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	660	660	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	250	250	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	250	250	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106235-501	GW235-501-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106235-501	GW235-501-204	ug/l	10	5	1.7	5	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	410	410	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	60	120	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	62	62	FALSE
KAFB-106235-501	GW235-501-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	100	78	100	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	70	11	70	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106235-501	GW235-501-204	ug/l	20	5	110	5	FALSE
KAFB-106235-501	GW235-501-204	ug/l	620	10000	190	620	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	370	370	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	70	36	70	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	100	68	100	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	140	140	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	600	300	600	FALSE
KAFB-106235-501	GW235-501-204	ug/l	10	5	0.46	5	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	38	38	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	14000	14000	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106235-501	GW235-501-204	ug/l	100	80	2.2	80	FALSE
KAFB-106235-501	GW235-501-204	ug/l	10	5	4.6	5	FALSE
KAFB-106235-501	GW235-501-204	ug/l	60	200	8000	60	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	190	190	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	8	8	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	83	83	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106235-501	GW235-501-204	ug/l	2	2	0.19	2	FALSE
KAFB-106235-501	GW235-501-204	ug/l	100	5	110	5	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	810	810	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	80	33	80	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106235-501	GW235-501-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106235-501	GW235-501-204	ug/l	5	7	280	5	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	200	200	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106235-501	GW235-501-204	ug/l	10	5	2.8	5	FALSE
KAFB-106235-501	GW235-501-204	ug/l	100	5	4.9	5	FALSE
KAFB-106235-501	GW235-501-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	7	7	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106235-501	GW235-501-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	240	240	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	600	300	600	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	56	56	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	0.0033	5	TRUE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	690	690	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	450	450	FALSE
KAFB-106235-501	GW235-501-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-204	mg/l	600	250	NS	250	FALSE
KAFB-106236-436	GW236-436-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-204	mg/l	250	250	NS	250	FALSE
KAFB-106236-436	GW236-436-204	mg/l	10	10	NS	10	FALSE
KAFB-106236-436	GW236-436-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-204	mg/l	1	NS	NS	1	FALSE
KAFB-106236-436	GW236-436-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106236-436	GW236-436-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106236-436	GW236-436-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106236-436	GW236-436-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106236-436	GW236-436-204	ug/l	750	700	15	700	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	100	1200	100	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	660	660	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	250	250	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106236-436	GW236-436-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106236-436	GW236-436-204	ug/l	10	5	1.7	5	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	410	410	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	60	120	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	62	62	FALSE
KAFB-106236-436	GW236-436-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	100	78	100	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	70	11	70	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106236-436	GW236-436-204	ug/l	20	5	110	5	FALSE
KAFB-106236-436	GW236-436-204	ug/l	620	10000	190	620	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	370	370	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	70	36	70	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	100	68	100	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	140	140	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	600	300	600	FALSE
KAFB-106236-436	GW236-436-204	ug/l	10	5	0.46	5	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	38	38	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106236-436	GW236-436-204	ug/l	100	80	2.2	80	FALSE
KAFB-106236-436	GW236-436-204	ug/l	10	5	4.6	5	FALSE
KAFB-106236-436	GW236-436-204	ug/l	60	200	8000	60	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	190	190	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	8	8	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	83	83	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106236-436	GW236-436-204	ug/l	2	2	0.19	2	FALSE
KAFB-106236-436	GW236-436-204	ug/l	100	5	110	5	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	810	810	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	80	33	80	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106236-436	GW236-436-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106236-436	GW236-436-204	ug/l	5	7	280	5	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	200	200	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106236-436	GW236-436-204	ug/l	10	5	2.8	5	FALSE
KAFB-106236-436	GW236-436-204	ug/l	100	5	4.9	5	FALSE
KAFB-106236-436	GW236-436-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	7	7	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106236-436	GW236-436-204	ug/l	30	NS	1.2	30	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	240	240	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	600	300	600	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	56	56	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	690	690	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	450	450	FALSE
KAFB-106236-436	GW236-436-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-204	mg/l	600	250	NS	250	FALSE
KAFB-106236-470	GW236-470-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-204	mg/l	250	250	NS	250	FALSE
KAFB-106236-470	GW236-470-204	mg/l	10	10	NS	10	FALSE
KAFB-106236-470	GW236-470-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-204	mg/l	1	NS	NS	1	FALSE
KAFB-106236-470	GW236-470-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106236-470	GW236-470-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106236-470	GW236-470-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106236-470	GW236-470-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106236-470	GW236-470-204	ug/l	750	700	15	700	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	100	1200	100	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	100	1200	100	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	NS	660	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	250	250	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106236-470	GW236-470-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106236-470	GW236-470-204	ug/l	10	5	1.7	5	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	410	410	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	60	120	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	62	62	FALSE
KAFB-106236-470	GW236-470-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	100	78	100	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	70	11	70	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106236-470	GW236-470-204	ug/l	20	5	110	5	FALSE
KAFB-106236-470	GW236-470-204	ug/l	620	10000	190	620	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	370	370	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	70	36	70	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	100	68	100	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	140	140	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	600	300	600	FALSE
KAFB-106236-470	GW236-470-204	ug/l	10	5	0.46	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	38	38	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106236-470	GW236-470-204	ug/l	100	80	2.2	80	FALSE
KAFB-106236-470	GW236-470-204	ug/l	10	5	4.6	5	FALSE
KAFB-106236-470	GW236-470-204	ug/l	60	200	8000	60	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	190	190	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	8	8	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	83	83	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106236-470	GW236-470-204	ug/l	2	2	0.19	2	FALSE
KAFB-106236-470	GW236-470-204	ug/l	100	5	110	5	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	810	810	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	80	33	80	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106236-470	GW236-470-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106236-470	GW236-470-204	ug/l	5	7	280	5	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	200	200	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106236-470	GW236-470-204	ug/l	10	5	2.8	5	FALSE
KAFB-106236-470	GW236-470-204	ug/l	100	5	4.9	5	FALSE
KAFB-106236-470	GW236-470-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	7	7	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106236-470	GW236-470-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	240	240	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	600	300	600	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	56	56	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	690	690	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	450	450	FALSE
KAFB-106236-470	GW236-470-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-204	mg/l	600	250	NS	250	FALSE
KAFB-106038	GW038-204	mg/l	250	250	NS	250	FALSE
KAFB-106038	GW038-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-204	mg/l	10	10	NS	10	FALSE
KAFB-106038	GW038-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-204	mg/l	1	NS	NS	1	FALSE
KAFB-106038	GW038-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106038	GW038-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106038	GW038-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106038	GW038-204	ug/l	0.05	0.05	0.075	0.05	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106038	GW038-204	ug/l	750	700	15	700	FALSE
KAFB-106038	GW038-204	ug/l	NS	100	1200	100	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	660	660	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	250	250	FALSE
KAFB-106038	GW038-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106038	GW038-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106038	GW038-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106038	GW038-204	ug/l	10	5	1.7	5	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106038	GW038-204	ug/l	NS	NS	410	410	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	60	120	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	62	62	FALSE
KAFB-106038	GW038-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106038	GW038-204	ug/l	NS	100	78	100	FALSE
KAFB-106038	GW038-204	ug/l	NS	70	11	70	FALSE
KAFB-106038	GW038-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106038	GW038-204	ug/l	20	5	110	5	FALSE
KAFB-106038	GW038-204	ug/l	620	10000	190	620	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	370	370	FALSE
KAFB-106038	GW038-204	ug/l	NS	70	36	70	FALSE
KAFB-106038	GW038-204	ug/l	NS	100	68	100	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	140	140	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106038	GW038-204	ug/l	NS	600	300	600	FALSE
KAFB-106038	GW038-204	ug/l	10	5	0.46	5	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	38	38	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106038	GW038-204	ug/l	100	80	2.2	80	FALSE
KAFB-106038	GW038-204	ug/l	10	5	4.6	5	FALSE
KAFB-106038	GW038-204	ug/l	60	200	8000	60	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	190	190	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	8	8	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	83	83	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106038	GW038-204	ug/l	2	2	0.19	2	FALSE
KAFB-106038	GW038-204	ug/l	100	5	110	5	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	810	810	FALSE
KAFB-106038	GW038-204	ug/l	NS	80	33	80	FALSE
KAFB-106038	GW038-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106038	GW038-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106038	GW038-204	ug/l	5	7	280	5	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	200	200	FALSE
KAFB-106038	GW038-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106038	GW038-204	ug/l	10	5	2.8	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106038	GW038-204	ug/l	100	5	4.9	5	FALSE
KAFB-106038	GW038-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	7	7	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106038	GW038-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	240	240	FALSE
KAFB-106038	GW038-204	ug/l	NS	600	300	600	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	56	56	FALSE
KAFB-106038	GW038-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106038	GW038-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106038	GW038-204	ug/l	NS	NS	690	690	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	450	450	FALSE
KAFB-106038	GW038-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-204	mg/l	600	250	NS	250	FALSE
KAFB-106236-499	GW236-499-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-204	mg/l	250	250	NS	250	FALSE
KAFB-106236-499	GW236-499-204	mg/l	10	10	NS	10	FALSE
KAFB-106236-499	GW236-499-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-204	mg/l	1	NS	NS	1	FALSE
KAFB-106236-499	GW236-499-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106236-499	GW236-499-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106236-499	GW236-499-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106236-499	GW236-499-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106236-499	GW236-499-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106236-499	GW236-499-204	ug/l	750	700	15	700	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	100	1200	100	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	660	660	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	250	250	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106236-499	GW236-499-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106236-499	GW236-499-204	ug/l	10	5	1.7	5	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	410	410	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	60	120	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	62	62	FALSE
KAFB-106236-499	GW236-499-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	100	78	100	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	70	11	70	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106236-499	GW236-499-204	ug/l	20	5	110	5	FALSE
KAFB-106236-499	GW236-499-204	ug/l	620	10000	190	620	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	370	370	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	70	36	70	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106236-499	GW236-499-204	ug/l	NS	100	68	100	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	140	140	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	600	300	600	FALSE
KAFB-106236-499	GW236-499-204	ug/l	10	5	0.46	5	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	38	38	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106236-499	GW236-499-204	ug/l	100	80	2.2	80	FALSE
KAFB-106236-499	GW236-499-204	ug/l	10	5	4.6	5	FALSE
KAFB-106236-499	GW236-499-204	ug/l	60	200	8000	60	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	190	190	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	8	8	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	83	83	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106236-499	GW236-499-204	ug/l	2	2	0.19	2	FALSE
KAFB-106236-499	GW236-499-204	ug/l	100	5	110	5	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	810	810	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	80	33	80	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106236-499	GW236-499-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106236-499	GW236-499-204	ug/l	5	7	280	5	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	200	200	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106236-499	GW236-499-204	ug/l	10	5	2.8	5	FALSE
KAFB-106236-499	GW236-499-204	ug/l	100	5	4.9	5	FALSE
KAFB-106236-499	GW236-499-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	7	7	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106236-499	GW236-499-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	240	240	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	600	300	600	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	56	56	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	690	690	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	450	450	FALSE
KAFB-106236-499	GW236-499-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-204	mg/l	600	250	NS	250	FALSE
KAFB-106207	GW207-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-204	mg/l	250	250	NS	250	FALSE
KAFB-106207	GW207-204	mg/l	10	10	NS	10	FALSE
KAFB-106207	GW207-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-204	mg/l	1	NS	NS	1	FALSE
KAFB-106207	GW207-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106207	GW207-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106207	GW207-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106207	GW207-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106207	GW207-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106207	GW207-204	ug/l	750	700	15	700	FALSE
KAFB-106207	GW207-204	ug/l	NS	100	1200	100	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	660	660	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	250	250	FALSE
KAFB-106207	GW207-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106207	GW207-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106207	GW207-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106207	GW207-204	ug/l	10	5	1.7	5	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106207	GW207-204	ug/l	NS	NS	410	410	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	60	120	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	62	62	FALSE
KAFB-106207	GW207-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106207	GW207-204	ug/l	NS	100	78	100	FALSE
KAFB-106207	GW207-204	ug/l	NS	70	11	70	FALSE
KAFB-106207	GW207-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106207	GW207-204	ug/l	20	5	110	5	FALSE
KAFB-106207	GW207-204	ug/l	620	10000	190	620	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	370	370	FALSE
KAFB-106207	GW207-204	ug/l	NS	70	36	70	FALSE
KAFB-106207	GW207-204	ug/l	NS	100	68	100	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	140	140	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106207	GW207-204	ug/l	NS	600	300	600	FALSE
KAFB-106207	GW207-204	ug/l	10	5	0.46	5	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	38	38	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106207	GW207-204	ug/l	100	80	2.2	80	FALSE
KAFB-106207	GW207-204	ug/l	10	5	4.6	5	FALSE
KAFB-106207	GW207-204	ug/l	60	200	8000	60	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	190	190	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	8	8	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	83	83	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106207	GW207-204	ug/l	2	2	0.19	2	FALSE
KAFB-106207	GW207-204	ug/l	100	5	110	5	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	810	810	FALSE
KAFB-106207	GW207-204	ug/l	NS	80	33	80	FALSE
KAFB-106207	GW207-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106207	GW207-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106207	GW207-204	ug/l	5	7	280	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106207	GW207-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	200	200	FALSE
KAFB-106207	GW207-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106207	GW207-204	ug/l	10	5	2.8	5	FALSE
KAFB-106207	GW207-204	ug/l	100	5	4.9	5	FALSE
KAFB-106207	GW207-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	7	7	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106207	GW207-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	240	240	FALSE
KAFB-106207	GW207-204	ug/l	NS	600	300	600	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	56	56	FALSE
KAFB-106207	GW207-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106207	GW207-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106207	GW207-204	ug/l	NS	NS	690	690	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	450	450	FALSE
KAFB-106207	GW207-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-204	mg/l	600	250	NS	250	FALSE
KAFB-106039	GW039-204	mg/l	250	250	NS	250	FALSE
KAFB-106039	GW039-204	mg/l	10	10	NS	10	FALSE
KAFB-106039	GW039-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-204	mg/l	1	NS	NS	1	FALSE
KAFB-106039	GW039-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106039	GW039-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106039	GW039-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106039	GW039-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106039	GW039-204	ug/l	750	700	15	700	FALSE
KAFB-106039	GW039-204	ug/l	NS	100	1200	100	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	660	660	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	250	250	FALSE
KAFB-106039	GW039-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106039	GW039-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106039	GW039-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106039	GW039-204	ug/l	10	5	1.7	5	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106039	GW039-204	ug/l	NS	NS	410	410	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	60	120	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	62	62	FALSE
KAFB-106039	GW039-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106039	GW039-204	ug/l	NS	100	78	100	FALSE
KAFB-106039	GW039-204	ug/l	NS	70	11	70	FALSE
KAFB-106039	GW039-204	ug/l	NS	80	1.7	80	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106039	GW039-204	ug/l	20	5	110	5	FALSE
KAFB-106039	GW039-204	ug/l	620	10000	190	620	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	370	370	FALSE
KAFB-106039	GW039-204	ug/l	NS	70	36	70	FALSE
KAFB-106039	GW039-204	ug/l	NS	100	68	100	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	140	140	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106039	GW039-204	ug/l	NS	600	300	600	FALSE
KAFB-106039	GW039-204	ug/l	10	5	0.46	5	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	38	38	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106039	GW039-204	ug/l	100	80	2.2	80	FALSE
KAFB-106039	GW039-204	ug/l	10	5	4.6	5	FALSE
KAFB-106039	GW039-204	ug/l	60	200	8000	60	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	190	190	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	8	8	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	83	83	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106039	GW039-204	ug/l	2	2	0.19	2	FALSE
KAFB-106039	GW039-204	ug/l	100	5	110	5	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	810	810	FALSE
KAFB-106039	GW039-204	ug/l	NS	80	33	80	FALSE
KAFB-106039	GW039-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106039	GW039-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106039	GW039-204	ug/l	5	7	280	5	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	200	200	FALSE
KAFB-106039	GW039-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106039	GW039-204	ug/l	10	5	2.8	5	FALSE
KAFB-106039	GW039-204	ug/l	100	5	4.9	5	FALSE
KAFB-106039	GW039-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	7	7	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106039	GW039-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	240	240	FALSE
KAFB-106039	GW039-204	ug/l	NS	600	300	600	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	56	56	FALSE
KAFB-106039	GW039-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106039	GW039-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106039	GW039-204	ug/l	NS	NS	690	690	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	450	450	FALSE
KAFB-106039	GW039-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-204	mg/l	600	250	NS	250	FALSE
KAFB-106208	GW208-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-204	mg/l	250	250	NS	250	FALSE
KAFB-106208	GW208-204	mg/l	10	10	NS	10	FALSE
KAFB-106208	GW208-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106208	GW208-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-204	mg/l	1	NS	NS	1	FALSE
KAFB-106208	GW208-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106208	GW208-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106208	GW208-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106208	GW208-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106208	GW208-204	ug/l	750	700	15	700	FALSE
KAFB-106208	GW208-204	ug/l	NS	100	1200	100	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	660	660	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	250	250	FALSE
KAFB-106208	GW208-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106208	GW208-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106208	GW208-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106208	GW208-204	ug/l	10	5	1.7	5	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106208	GW208-204	ug/l	NS	NS	410	410	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	60	120	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	62	62	FALSE
KAFB-106208	GW208-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106208	GW208-204	ug/l	NS	100	78	100	FALSE
KAFB-106208	GW208-204	ug/l	NS	70	11	70	FALSE
KAFB-106208	GW208-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106208	GW208-204	ug/l	20	5	110	5	FALSE
KAFB-106208	GW208-204	ug/l	620	10000	190	620	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	370	370	FALSE
KAFB-106208	GW208-204	ug/l	NS	70	36	70	FALSE
KAFB-106208	GW208-204	ug/l	NS	100	68	100	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	140	140	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106208	GW208-204	ug/l	NS	600	300	600	FALSE
KAFB-106208	GW208-204	ug/l	10	5	0.46	5	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	38	38	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106208	GW208-204	ug/l	100	80	2.2	80	FALSE
KAFB-106208	GW208-204	ug/l	10	5	4.6	5	FALSE
KAFB-106208	GW208-204	ug/l	60	200	8000	60	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	190	190	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	8	8	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	83	83	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106208	GW208-204	ug/l	2	2	0.19	2	FALSE
KAFB-106208	GW208-204	ug/l	100	5	110	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106208	GW208-204	ug/l	NS	NS	810	810	FALSE
KAFB-106208	GW208-204	ug/l	NS	80	33	80	FALSE
KAFB-106208	GW208-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106208	GW208-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106208	GW208-204	ug/l	5	7	280	5	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	200	200	FALSE
KAFB-106208	GW208-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106208	GW208-204	ug/l	10	5	2.8	5	FALSE
KAFB-106208	GW208-204	ug/l	100	5	4.9	5	FALSE
KAFB-106208	GW208-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	7	7	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106208	GW208-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	240	240	FALSE
KAFB-106208	GW208-204	ug/l	NS	600	300	600	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	56	56	FALSE
KAFB-106208	GW208-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106208	GW208-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106208	GW208-204	ug/l	NS	NS	690	690	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	450	450	FALSE
KAFB-106208	GW208-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-604	mg/l	600	250	NS	250	FALSE
KAFB-106208	GW208-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-604	mg/l	250	250	NS	250	FALSE
KAFB-106208	GW208-604	mg/l	10	10	NS	10	FALSE
KAFB-106208	GW208-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-604	mg/l	1	NS	NS	1	FALSE
KAFB-106208	GW208-604	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106208	GW208-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-604	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106208	GW208-604	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106208	GW208-604	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106208	GW208-604	ug/l	750	700	15	700	FALSE
KAFB-106208	GW208-604	ug/l	NS	100	1200	100	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	660	660	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	1000	1000	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	250	250	FALSE
KAFB-106208	GW208-604	ug/l	NS	75	4.8	75	FALSE
KAFB-106208	GW208-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106208	GW208-604	ug/l	NS	NS	0.042	100	TRUE
KAFB-106208	GW208-604	ug/l	10	5	1.7	5	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	0.52	20	TRUE
KAFB-106208	GW208-604	ug/l	NS	NS	410	410	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	6300	1200	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	60	120	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106208	GW208-604	ug/l	NS	NS	62	62	FALSE
KAFB-106208	GW208-604	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106208	GW208-604	ug/l	NS	100	78	100	FALSE
KAFB-106208	GW208-604	ug/l	NS	70	11	70	FALSE
KAFB-106208	GW208-604	ug/l	NS	80	1.7	80	FALSE
KAFB-106208	GW208-604	ug/l	20	5	110	5	FALSE
KAFB-106208	GW208-604	ug/l	620	10000	190	620	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	2000	2000	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	370	370	FALSE
KAFB-106208	GW208-604	ug/l	NS	70	36	70	FALSE
KAFB-106208	GW208-604	ug/l	NS	100	68	100	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	140	140	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106208	GW208-604	ug/l	NS	600	300	600	FALSE
KAFB-106208	GW208-604	ug/l	10	5	0.46	5	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	38	38	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	14000	14000	FALSE
KAFB-106208	GW208-604	ug/l	100	80	2.2	80	FALSE
KAFB-106208	GW208-604	ug/l	10	5	4.6	5	FALSE
KAFB-106208	GW208-604	ug/l	60	200	8000	60	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	190	190	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	8	8	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	83	83	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	83	83	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106208	GW208-604	ug/l	2	2	0.19	2	FALSE
KAFB-106208	GW208-604	ug/l	100	5	110	5	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	810	810	FALSE
KAFB-106208	GW208-604	ug/l	NS	80	33	80	FALSE
KAFB-106208	GW208-604	ug/l	NS	80	1.3	80	FALSE
KAFB-106208	GW208-604	ug/l	25	NS	2.8	25	FALSE
KAFB-106208	GW208-604	ug/l	5	7	280	5	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	5200	1100	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	200	200	FALSE
KAFB-106208	GW208-604	ug/l	NS	5	8.25	5	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	5600	5600	FALSE
KAFB-106208	GW208-604	ug/l	10	5	2.8	5	FALSE
KAFB-106208	GW208-604	ug/l	100	5	4.9	5	FALSE
KAFB-106208	GW208-604	ug/l	10	NS	0.76	10	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	7	7	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	1.4	5	TRUE
KAFB-106208	GW208-604	ug/l	30	NS	1.2	30	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	240	240	FALSE
KAFB-106208	GW208-604	ug/l	NS	600	300	600	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	56	56	FALSE
KAFB-106208	GW208-604	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106208	GW208-604	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106208	GW208-604	ug/l	NS	NS	690	690	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	450	450	FALSE
KAFB-106208	GW208-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-204	mg/l	600	250	NS	250	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106209	GW209-204	mg/l	250	250	NS	250	FALSE
KAFB-106209	GW209-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-204	mg/l	10	10	NS	10	FALSE
KAFB-106209	GW209-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-204	mg/l	1	NS	NS	1	FALSE
KAFB-106209	GW209-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106209	GW209-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106209	GW209-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106209	GW209-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106209	GW209-204	ug/l	750	700	15	700	FALSE
KAFB-106209	GW209-204	ug/l	NS	100	1200	100	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	660	660	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	250	250	FALSE
KAFB-106209	GW209-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106209	GW209-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106209	GW209-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106209	GW209-204	ug/l	10	5	1.7	5	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106209	GW209-204	ug/l	NS	NS	410	410	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	60	120	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	62	62	FALSE
KAFB-106209	GW209-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106209	GW209-204	ug/l	NS	100	78	100	FALSE
KAFB-106209	GW209-204	ug/l	NS	70	11	70	FALSE
KAFB-106209	GW209-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106209	GW209-204	ug/l	20	5	110	5	FALSE
KAFB-106209	GW209-204	ug/l	620	10000	190	620	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	370	370	FALSE
KAFB-106209	GW209-204	ug/l	NS	70	36	70	FALSE
KAFB-106209	GW209-204	ug/l	NS	100	68	100	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	140	140	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106209	GW209-204	ug/l	NS	600	300	600	FALSE
KAFB-106209	GW209-204	ug/l	10	5	0.46	5	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	38	38	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106209	GW209-204	ug/l	100	80	2.2	80	FALSE
KAFB-106209	GW209-204	ug/l	10	5	4.6	5	FALSE
KAFB-106209	GW209-204	ug/l	60	200	8000	60	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	190	190	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106209	GW209-204	ug/l	NS	NS	8	8	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	83	83	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106209	GW209-204	ug/l	2	2	0.19	2	FALSE
KAFB-106209	GW209-204	ug/l	100	5	110	5	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	810	810	FALSE
KAFB-106209	GW209-204	ug/l	NS	80	33	80	FALSE
KAFB-106209	GW209-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106209	GW209-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106209	GW209-204	ug/l	5	7	280	5	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	200	200	FALSE
KAFB-106209	GW209-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106209	GW209-204	ug/l	10	5	2.8	5	FALSE
KAFB-106209	GW209-204	ug/l	100	5	4.9	5	FALSE
KAFB-106209	GW209-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	7	7	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106209	GW209-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	240	240	FALSE
KAFB-106209	GW209-204	ug/l	NS	600	300	600	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	56	56	FALSE
KAFB-106209	GW209-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106209	GW209-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106209	GW209-204	ug/l	NS	NS	690	690	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	450	450	FALSE
KAFB-106209	GW209-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-204	mg/l	600	250	NS	250	FALSE
KAFB-106083	GW083-204	mg/l	250	250	NS	250	FALSE
KAFB-106083	GW083-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-204	mg/l	10	10	NS	10	FALSE
KAFB-106083	GW083-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-204	mg/l	1	NS	NS	1	FALSE
KAFB-106083	GW083-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106083	GW083-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106083	GW083-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106083	GW083-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106083	GW083-204	ug/l	750	700	15	700	FALSE
KAFB-106083	GW083-204	ug/l	NS	100	1200	100	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	660	660	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	250	250	FALSE
KAFB-106083	GW083-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106083	GW083-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106083	GW083-204	ug/l	NS	NS	0.042	100	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106083	GW083-204	ug/l	10	5	1.7	5	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106083	GW083-204	ug/l	NS	NS	410	410	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	60	120	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	62	62	FALSE
KAFB-106083	GW083-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106083	GW083-204	ug/l	NS	100	78	100	FALSE
KAFB-106083	GW083-204	ug/l	NS	70	11	70	FALSE
KAFB-106083	GW083-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106083	GW083-204	ug/l	20	5	110	5	FALSE
KAFB-106083	GW083-204	ug/l	620	10000	190	620	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	370	370	FALSE
KAFB-106083	GW083-204	ug/l	NS	70	36	70	FALSE
KAFB-106083	GW083-204	ug/l	NS	100	68	100	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	140	140	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106083	GW083-204	ug/l	NS	600	300	600	FALSE
KAFB-106083	GW083-204	ug/l	10	5	0.46	5	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	38	38	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106083	GW083-204	ug/l	100	80	2.2	80	FALSE
KAFB-106083	GW083-204	ug/l	10	5	4.6	5	FALSE
KAFB-106083	GW083-204	ug/l	60	200	8000	60	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	190	190	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	8	8	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	83	83	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106083	GW083-204	ug/l	2	2	0.19	2	FALSE
KAFB-106083	GW083-204	ug/l	100	5	110	5	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	810	810	FALSE
KAFB-106083	GW083-204	ug/l	NS	80	33	80	FALSE
KAFB-106083	GW083-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106083	GW083-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106083	GW083-204	ug/l	5	7	280	5	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	200	200	FALSE
KAFB-106083	GW083-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106083	GW083-204	ug/l	10	5	2.8	5	FALSE
KAFB-106083	GW083-204	ug/l	100	5	4.9	5	FALSE
KAFB-106083	GW083-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	7	7	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106083	GW083-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	240	240	FALSE
KAFB-106083	GW083-204	ug/l	NS	600	300	600	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	56	56	FALSE
KAFB-106083	GW083-204	ug/l	NS	0.2	0.0033	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106083	GW083-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106083	GW083-204	ug/l	NS	NS	690	690	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	450	450	FALSE
KAFB-106083	GW083-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-204	mg/l	600	250	NS	250	FALSE
KAFB-106231	GW231-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-204	mg/l	250	250	NS	250	FALSE
KAFB-106231	GW231-204	mg/l	10	10	NS	10	FALSE
KAFB-106231	GW231-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-204	mg/l	1	NS	NS	1	FALSE
KAFB-106231	GW231-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106231	GW231-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106231	GW231-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106231	GW231-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106231	GW231-204	ug/l	750	700	15	700	FALSE
KAFB-106231	GW231-204	ug/l	NS	100	1200	100	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	660	660	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	250	250	FALSE
KAFB-106231	GW231-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	250	250	FALSE
KAFB-106231	GW231-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106231	GW231-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106231	GW231-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106231	GW231-204	ug/l	10	5	1.7	5	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106231	GW231-204	ug/l	NS	NS	410	410	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	60	120	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	62	62	FALSE
KAFB-106231	GW231-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106231	GW231-204	ug/l	NS	100	78	100	FALSE
KAFB-106231	GW231-204	ug/l	NS	70	11	70	FALSE
KAFB-106231	GW231-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106231	GW231-204	ug/l	20	5	110	5	FALSE
KAFB-106231	GW231-204	ug/l	620	10000	190	620	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	370	370	FALSE
KAFB-106231	GW231-204	ug/l	NS	70	36	70	FALSE
KAFB-106231	GW231-204	ug/l	NS	100	68	100	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	140	140	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106231	GW231-204	ug/l	NS	600	300	600	FALSE
KAFB-106231	GW231-204	ug/l	10	5	0.46	5	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	38	38	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	14000	14000	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106231	GW231-204	ug/l	100	80	2.2	80	FALSE
KAFB-106231	GW231-204	ug/l	10	5	4.6	5	FALSE
KAFB-106231	GW231-204	ug/l	60	200	8000	60	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	190	190	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	8	8	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	83	83	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106231	GW231-204	ug/l	2	2	0.19	2	FALSE
KAFB-106231	GW231-204	ug/l	100	5	110	5	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	810	810	FALSE
KAFB-106231	GW231-204	ug/l	NS	80	33	80	FALSE
KAFB-106231	GW231-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106231	GW231-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106231	GW231-204	ug/l	5	7	280	5	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	200	200	FALSE
KAFB-106231	GW231-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106231	GW231-204	ug/l	10	5	2.8	5	FALSE
KAFB-106231	GW231-204	ug/l	100	5	4.9	5	FALSE
KAFB-106231	GW231-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	7	7	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106231	GW231-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	240	240	FALSE
KAFB-106231	GW231-204	ug/l	NS	600	300	600	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	56	56	FALSE
KAFB-106231	GW231-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106231	GW231-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106231	GW231-204	ug/l	NS	NS	690	690	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	450	450	FALSE
KAFB-106231	GW231-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-204	mg/l	600	250	NS	250	FALSE
KAFB-106232	GW232-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-204	mg/l	250	250	NS	250	FALSE
KAFB-106232	GW232-204	mg/l	10	10	NS	10	FALSE
KAFB-106232	GW232-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-204	mg/l	1	NS	NS	1	FALSE
KAFB-106232	GW232-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106232	GW232-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106232	GW232-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106232	GW232-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106232	GW232-204	ug/l	750	700	15	700	FALSE
KAFB-106232	GW232-204	ug/l	NS	100	1200	100	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	660	660	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106232	GW232-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	250	250	FALSE
KAFB-106232	GW232-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106232	GW232-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106232	GW232-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106232	GW232-204	ug/l	10	5	1.7	5	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106232	GW232-204	ug/l	NS	NS	410	410	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	60	120	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	62	62	FALSE
KAFB-106232	GW232-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106232	GW232-204	ug/l	NS	100	78	100	FALSE
KAFB-106232	GW232-204	ug/l	NS	70	11	70	FALSE
KAFB-106232	GW232-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106232	GW232-204	ug/l	20	5	110	5	FALSE
KAFB-106232	GW232-204	ug/l	620	10000	190	620	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	370	370	FALSE
KAFB-106232	GW232-204	ug/l	NS	70	36	70	FALSE
KAFB-106232	GW232-204	ug/l	NS	100	68	100	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	140	140	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106232	GW232-204	ug/l	NS	600	300	600	FALSE
KAFB-106232	GW232-204	ug/l	10	5	0.46	5	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	38	38	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106232	GW232-204	ug/l	100	80	2.2	80	FALSE
KAFB-106232	GW232-204	ug/l	10	5	4.6	5	FALSE
KAFB-106232	GW232-204	ug/l	60	200	8000	60	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	190	190	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	8	8	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	83	83	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106232	GW232-204	ug/l	2	2	0.19	2	FALSE
KAFB-106232	GW232-204	ug/l	100	5	110	5	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	810	810	FALSE
KAFB-106232	GW232-204	ug/l	NS	80	33	80	FALSE
KAFB-106232	GW232-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106232	GW232-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106232	GW232-204	ug/l	5	7	280	5	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	200	200	FALSE
KAFB-106232	GW232-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106232	GW232-204	ug/l	10	5	2.8	5	FALSE
KAFB-106232	GW232-204	ug/l	100	5	4.9	5	FALSE
KAFB-106232	GW232-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	7	7	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106232	GW232-204	ug/l	30	NS	1.2	30	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106232	GW232-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	240	240	FALSE
KAFB-106232	GW232-204	ug/l	NS	600	300	600	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	56	56	FALSE
KAFB-106232	GW232-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106232	GW232-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106232	GW232-204	ug/l	NS	NS	690	690	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	450	450	FALSE
KAFB-106232	GW232-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-204	mg/l	600	250	NS	250	FALSE
KAFB-106242-418	GW242-418-204	mg/l	250	250	NS	250	FALSE
KAFB-106242-418	GW242-418-204	mg/l	10	10	NS	10	FALSE
KAFB-106242-418	GW242-418-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-204	mg/l	1	NS	NS	1	FALSE
KAFB-106242-418	GW242-418-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106242-418	GW242-418-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106242-418	GW242-418-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106242-418	GW242-418-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106242-418	GW242-418-204	ug/l	750	700	15	700	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	100	1200	100	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	660	660	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	250	250	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106242-418	GW242-418-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106242-418	GW242-418-204	ug/l	10	5	1.7	5	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	410	410	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	60	120	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	62	62	FALSE
KAFB-106242-418	GW242-418-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	100	78	100	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	70	11	70	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106242-418	GW242-418-204	ug/l	20	5	110	5	FALSE
KAFB-106242-418	GW242-418-204	ug/l	620	10000	190	620	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	370	370	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	70	36	70	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	100	68	100	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	140	140	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	600	300	600	FALSE
KAFB-106242-418	GW242-418-204	ug/l	10	5	0.46	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	38	38	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106242-418	GW242-418-204	ug/l	100	80	2.2	80	FALSE
KAFB-106242-418	GW242-418-204	ug/l	10	5	4.6	5	FALSE
KAFB-106242-418	GW242-418-204	ug/l	60	200	8000	60	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	190	190	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	8	8	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	83	83	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106242-418	GW242-418-204	ug/l	2	2	0.19	2	FALSE
KAFB-106242-418	GW242-418-204	ug/l	100	5	110	5	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	810	810	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	80	33	80	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106242-418	GW242-418-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106242-418	GW242-418-204	ug/l	5	7	280	5	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	200	200	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106242-418	GW242-418-204	ug/l	10	5	2.8	5	FALSE
KAFB-106242-418	GW242-418-204	ug/l	100	5	4.9	5	FALSE
KAFB-106242-418	GW242-418-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	7	7	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106242-418	GW242-418-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	240	240	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	600	300	600	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	56	56	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	690	690	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	450	450	FALSE
KAFB-106242-418	GW242-418-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-204	mg/l	600	250	NS	250	FALSE
KAFB-106021	GW021-204	mg/l	250	250	NS	250	FALSE
KAFB-106021	GW021-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-204	mg/l	10	10	NS	10	FALSE
KAFB-106021	GW021-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-204	mg/l	1	NS	NS	1	FALSE
KAFB-106021	GW021-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106021	GW021-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106021	GW021-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106021	GW021-204	ug/l	0.05	0.05	0.075	0.05	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106021	GW021-204	ug/l	750	700	15	700	FALSE
KAFB-106021	GW021-204	ug/l	NS	100	1200	100	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	660	660	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	250	250	FALSE
KAFB-106021	GW021-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106021	GW021-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106021	GW021-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106021	GW021-204	ug/l	10	5	1.7	5	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106021	GW021-204	ug/l	NS	NS	410	410	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	60	120	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	62	62	FALSE
KAFB-106021	GW021-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106021	GW021-204	ug/l	NS	100	78	100	FALSE
KAFB-106021	GW021-204	ug/l	NS	70	11	70	FALSE
KAFB-106021	GW021-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106021	GW021-204	ug/l	20	5	110	5	FALSE
KAFB-106021	GW021-204	ug/l	620	10000	190	620	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	370	370	FALSE
KAFB-106021	GW021-204	ug/l	NS	70	36	70	FALSE
KAFB-106021	GW021-204	ug/l	NS	100	68	100	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	140	140	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106021	GW021-204	ug/l	NS	600	300	600	FALSE
KAFB-106021	GW021-204	ug/l	10	5	0.46	5	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	38	38	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106021	GW021-204	ug/l	100	80	2.2	80	FALSE
KAFB-106021	GW021-204	ug/l	10	5	4.6	5	FALSE
KAFB-106021	GW021-204	ug/l	60	200	8000	60	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	190	190	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	8	8	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	83	83	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106021	GW021-204	ug/l	2	2	0.19	2	FALSE
KAFB-106021	GW021-204	ug/l	100	5	110	5	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	810	810	FALSE
KAFB-106021	GW021-204	ug/l	NS	80	33	80	FALSE
KAFB-106021	GW021-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106021	GW021-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106021	GW021-204	ug/l	5	7	280	5	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	200	200	FALSE
KAFB-106021	GW021-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106021	GW021-204	ug/l	10	5	2.8	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106021	GW021-204	ug/l	100	5	4.9	5	FALSE
KAFB-106021	GW021-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	7	7	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106021	GW021-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	240	240	FALSE
KAFB-106021	GW021-204	ug/l	NS	600	300	600	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	56	56	FALSE
KAFB-106021	GW021-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106021	GW021-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106021	GW021-204	ug/l	NS	NS	690	690	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	450	450	FALSE
KAFB-106021	GW021-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-204	mg/l	600	250	NS	250	FALSE
KAFB-106082	GW082-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-204	mg/l	250	250	NS	250	FALSE
KAFB-106082	GW082-204	mg/l	10	10	NS	10	FALSE
KAFB-106082	GW082-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-204	mg/l	1	NS	NS	1	FALSE
KAFB-106082	GW082-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106082	GW082-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106082	GW082-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106082	GW082-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106082	GW082-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106082	GW082-204	ug/l	750	700	15	700	FALSE
KAFB-106082	GW082-204	ug/l	NS	100	1200	100	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	660	660	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	250	250	FALSE
KAFB-106082	GW082-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106082	GW082-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106082	GW082-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106082	GW082-204	ug/l	10	5	1.7	5	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106082	GW082-204	ug/l	NS	NS	410	410	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	60	120	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	62	62	FALSE
KAFB-106082	GW082-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106082	GW082-204	ug/l	NS	100	78	100	FALSE
KAFB-106082	GW082-204	ug/l	NS	70	11	70	FALSE
KAFB-106082	GW082-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106082	GW082-204	ug/l	20	5	110	5	FALSE
KAFB-106082	GW082-204	ug/l	620	10000	190	620	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	370	370	FALSE
KAFB-106082	GW082-204	ug/l	NS	70	36	70	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106082	GW082-204	ug/l	NS	100	68	100	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	140	140	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106082	GW082-204	ug/l	NS	600	300	600	FALSE
KAFB-106082	GW082-204	ug/l	10	5	0.46	5	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	38	38	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106082	GW082-204	ug/l	100	80	2.2	80	FALSE
KAFB-106082	GW082-204	ug/l	10	5	4.6	5	FALSE
KAFB-106082	GW082-204	ug/l	60	200	8000	60	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	190	190	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	8	8	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	83	83	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106082	GW082-204	ug/l	2	2	0.19	2	FALSE
KAFB-106082	GW082-204	ug/l	100	5	110	5	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	810	810	FALSE
KAFB-106082	GW082-204	ug/l	NS	80	33	80	FALSE
KAFB-106082	GW082-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106082	GW082-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106082	GW082-204	ug/l	5	7	280	5	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	200	200	FALSE
KAFB-106082	GW082-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106082	GW082-204	ug/l	10	5	2.8	5	FALSE
KAFB-106082	GW082-204	ug/l	100	5	4.9	5	FALSE
KAFB-106082	GW082-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	7	7	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106082	GW082-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	240	240	FALSE
KAFB-106082	GW082-204	ug/l	NS	600	300	600	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	56	56	FALSE
KAFB-106082	GW082-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106082	GW082-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106082	GW082-204	ug/l	NS	NS	690	690	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	450	450	FALSE
KAFB-106082	GW082-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-204	mg/l	600	250	NS	250	FALSE
KAFB-106031	GW031-204	mg/l	250	250	NS	250	FALSE
KAFB-106031	GW031-204	mg/l	10	10	NS	10	FALSE
KAFB-106031	GW031-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-204	mg/l	1	NS	NS	1	FALSE
KAFB-106031	GW031-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106031	GW031-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106031	GW031-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106031	GW031-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106031	GW031-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106031	GW031-204	ug/l	750	700	15	700	FALSE
KAFB-106031	GW031-204	ug/l	NS	100	1200	100	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	660	660	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	250	250	FALSE
KAFB-106031	GW031-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106031	GW031-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106031	GW031-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106031	GW031-204	ug/l	10	5	1.7	5	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106031	GW031-204	ug/l	NS	NS	410	410	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	60	120	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	62	62	FALSE
KAFB-106031	GW031-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106031	GW031-204	ug/l	NS	100	78	100	FALSE
KAFB-106031	GW031-204	ug/l	NS	70	11	70	FALSE
KAFB-106031	GW031-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106031	GW031-204	ug/l	20	5	110	5	FALSE
KAFB-106031	GW031-204	ug/l	620	10000	190	620	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	370	370	FALSE
KAFB-106031	GW031-204	ug/l	NS	70	36	70	FALSE
KAFB-106031	GW031-204	ug/l	NS	100	68	100	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	140	140	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106031	GW031-204	ug/l	NS	600	300	600	FALSE
KAFB-106031	GW031-204	ug/l	10	5	0.46	5	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	38	38	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106031	GW031-204	ug/l	100	80	2.2	80	FALSE
KAFB-106031	GW031-204	ug/l	10	5	4.6	5	FALSE
KAFB-106031	GW031-204	ug/l	60	200	8000	60	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	190	190	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	8	8	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	83	83	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106031	GW031-204	ug/l	2	2	0.19	2	FALSE
KAFB-106031	GW031-204	ug/l	100	5	110	5	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	810	810	FALSE
KAFB-106031	GW031-204	ug/l	NS	80	33	80	FALSE
KAFB-106031	GW031-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106031	GW031-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106031	GW031-204	ug/l	5	7	280	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106031	GW031-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	200	200	FALSE
KAFB-106031	GW031-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106031	GW031-204	ug/l	10	5	2.8	5	FALSE
KAFB-106031	GW031-204	ug/l	100	5	4.9	5	FALSE
KAFB-106031	GW031-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	7	7	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106031	GW031-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	240	240	FALSE
KAFB-106031	GW031-204	ug/l	NS	600	300	600	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	56	56	FALSE
KAFB-106031	GW031-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106031	GW031-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106031	GW031-204	ug/l	NS	NS	690	690	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	450	450	FALSE
KAFB-106031	GW031-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-204	mg/l	600	250	NS	250	FALSE
KAFB-106030	GW030-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-204	mg/l	250	250	NS	250	FALSE
KAFB-106030	GW030-204	mg/l	10	10	NS	10	FALSE
KAFB-106030	GW030-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-204	mg/l	1	NS	NS	1	FALSE
KAFB-106030	GW030-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106030	GW030-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106030	GW030-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106030	GW030-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106030	GW030-204	ug/l	750	700	15	700	FALSE
KAFB-106030	GW030-204	ug/l	NS	100	1200	100	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	660	660	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	250	250	FALSE
KAFB-106030	GW030-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106030	GW030-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106030	GW030-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106030	GW030-204	ug/l	10	5	1.7	5	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106030	GW030-204	ug/l	NS	NS	410	410	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	60	120	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	62	62	FALSE
KAFB-106030	GW030-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106030	GW030-204	ug/l	NS	100	78	100	FALSE
KAFB-106030	GW030-204	ug/l	NS	70	11	70	FALSE
KAFB-106030	GW030-204	ug/l	NS	80	1.7	80	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106030	GW030-204	ug/l	20	5	110	5	FALSE
KAFB-106030	GW030-204	ug/l	620	10000	190	620	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	370	370	FALSE
KAFB-106030	GW030-204	ug/l	NS	70	36	70	FALSE
KAFB-106030	GW030-204	ug/l	NS	100	68	100	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	140	140	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106030	GW030-204	ug/l	NS	600	300	600	FALSE
KAFB-106030	GW030-204	ug/l	10	5	0.46	5	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	38	38	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106030	GW030-204	ug/l	100	80	2.2	80	FALSE
KAFB-106030	GW030-204	ug/l	10	5	4.6	5	FALSE
KAFB-106030	GW030-204	ug/l	60	200	8000	60	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	190	190	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	8	8	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	83	83	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106030	GW030-204	ug/l	2	2	0.19	2	FALSE
KAFB-106030	GW030-204	ug/l	100	5	110	5	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	810	810	FALSE
KAFB-106030	GW030-204	ug/l	NS	80	33	80	FALSE
KAFB-106030	GW030-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106030	GW030-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106030	GW030-204	ug/l	5	7	280	5	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	200	200	FALSE
KAFB-106030	GW030-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106030	GW030-204	ug/l	10	5	2.8	5	FALSE
KAFB-106030	GW030-204	ug/l	100	5	4.9	5	FALSE
KAFB-106030	GW030-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	7	7	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106030	GW030-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	240	240	FALSE
KAFB-106030	GW030-204	ug/l	NS	600	300	600	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	56	56	FALSE
KAFB-106030	GW030-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106030	GW030-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106030	GW030-204	ug/l	NS	NS	690	690	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	450	450	FALSE
KAFB-106030	GW030-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-204	mg/l	600	250	NS	250	FALSE
KAFB-106029	GW029-204	mg/l	250	250	NS	250	FALSE
KAFB-106029	GW029-204	mg/l	10	10	NS	10	FALSE
KAFB-106029	GW029-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106029	GW029-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-204	mg/l	1	NS	NS	1	FALSE
KAFB-106029	GW029-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106029	GW029-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106029	GW029-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106029	GW029-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106029	GW029-204	ug/l	750	700	15	700	FALSE
KAFB-106029	GW029-204	ug/l	NS	100	1200	100	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	660	660	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	250	250	FALSE
KAFB-106029	GW029-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106029	GW029-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106029	GW029-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106029	GW029-204	ug/l	10	5	1.7	5	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106029	GW029-204	ug/l	NS	NS	410	410	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	60	120	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	62	62	FALSE
KAFB-106029	GW029-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106029	GW029-204	ug/l	NS	100	78	100	FALSE
KAFB-106029	GW029-204	ug/l	NS	70	11	70	FALSE
KAFB-106029	GW029-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106029	GW029-204	ug/l	20	5	110	5	FALSE
KAFB-106029	GW029-204	ug/l	620	10000	190	620	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	370	370	FALSE
KAFB-106029	GW029-204	ug/l	NS	70	36	70	FALSE
KAFB-106029	GW029-204	ug/l	NS	100	68	100	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	140	140	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106029	GW029-204	ug/l	NS	600	300	600	FALSE
KAFB-106029	GW029-204	ug/l	10	5	0.46	5	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	38	38	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106029	GW029-204	ug/l	100	80	2.2	80	FALSE
KAFB-106029	GW029-204	ug/l	10	5	4.6	5	FALSE
KAFB-106029	GW029-204	ug/l	60	200	8000	60	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	190	190	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	8	8	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	83	83	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106029	GW029-204	ug/l	2	2	0.19	2	FALSE
KAFB-106029	GW029-204	ug/l	100	5	110	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106029	GW029-204	ug/l	NS	NS	810	810	FALSE
KAFB-106029	GW029-204	ug/l	NS	80	33	80	FALSE
KAFB-106029	GW029-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106029	GW029-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106029	GW029-204	ug/l	5	7	280	5	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	200	200	FALSE
KAFB-106029	GW029-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106029	GW029-204	ug/l	10	5	2.8	5	FALSE
KAFB-106029	GW029-204	ug/l	100	5	4.9	5	FALSE
KAFB-106029	GW029-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	7	7	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106029	GW029-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	240	240	FALSE
KAFB-106029	GW029-204	ug/l	NS	600	300	600	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	56	56	FALSE
KAFB-106029	GW029-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106029	GW029-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106029	GW029-204	ug/l	NS	NS	690	690	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	450	450	FALSE
KAFB-106029	GW029-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-204	mg/l	600	250	NS	250	FALSE
KAFB-106084	GW084-204	mg/l	250	250	NS	250	FALSE
KAFB-106084	GW084-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-204	mg/l	10	10	NS	10	FALSE
KAFB-106084	GW084-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-204	mg/l	1	NS	NS	1	FALSE
KAFB-106084	GW084-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106084	GW084-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106084	GW084-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106084	GW084-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106084	GW084-204	ug/l	750	700	15	700	FALSE
KAFB-106084	GW084-204	ug/l	NS	100	1200	100	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	660	660	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	250	250	FALSE
KAFB-106084	GW084-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106084	GW084-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106084	GW084-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106084	GW084-204	ug/l	10	5	1.7	5	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106084	GW084-204	ug/l	NS	NS	410	410	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	60	120	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106084	GW084-204	ug/l	NS	NS	62	62	FALSE
KAFB-106084	GW084-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106084	GW084-204	ug/l	NS	100	78	100	FALSE
KAFB-106084	GW084-204	ug/l	NS	70	11	70	FALSE
KAFB-106084	GW084-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106084	GW084-204	ug/l	20	5	110	5	FALSE
KAFB-106084	GW084-204	ug/l	620	10000	190	620	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	370	370	FALSE
KAFB-106084	GW084-204	ug/l	NS	70	36	70	FALSE
KAFB-106084	GW084-204	ug/l	NS	100	68	100	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	140	140	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106084	GW084-204	ug/l	NS	600	300	600	FALSE
KAFB-106084	GW084-204	ug/l	10	5	0.46	5	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	38	38	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106084	GW084-204	ug/l	100	80	2.2	80	FALSE
KAFB-106084	GW084-204	ug/l	10	5	4.6	5	FALSE
KAFB-106084	GW084-204	ug/l	60	200	8000	60	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	190	190	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	8	8	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	83	83	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	83	83	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106084	GW084-204	ug/l	2	2	0.19	2	FALSE
KAFB-106084	GW084-204	ug/l	100	5	110	5	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	810	810	FALSE
KAFB-106084	GW084-204	ug/l	NS	80	33	80	FALSE
KAFB-106084	GW084-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106084	GW084-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106084	GW084-204	ug/l	5	7	280	5	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	200	200	FALSE
KAFB-106084	GW084-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106084	GW084-204	ug/l	10	5	2.8	5	FALSE
KAFB-106084	GW084-204	ug/l	100	5	4.9	5	FALSE
KAFB-106084	GW084-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	7	7	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106084	GW084-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	240	240	FALSE
KAFB-106084	GW084-204	ug/l	NS	600	300	600	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	56	56	FALSE
KAFB-106084	GW084-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106084	GW084-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106084	GW084-204	ug/l	NS	NS	690	690	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	450	450	FALSE
KAFB-106084	GW084-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-204	mg/l	600	250	NS	250	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106205	GW205-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-204	mg/l	250	250	NS	250	FALSE
KAFB-106205	GW205-204	mg/l	10	10	NS	10	FALSE
KAFB-106205	GW205-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-204	mg/l	1	NS	NS	1	FALSE
KAFB-106205	GW205-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106205	GW205-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106205	GW205-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106205	GW205-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106205	GW205-204	ug/l	750	700	15	700	FALSE
KAFB-106205	GW205-204	ug/l	NS	100	1200	100	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	660	660	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	250	250	FALSE
KAFB-106205	GW205-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106205	GW205-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106205	GW205-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106205	GW205-204	ug/l	10	5	1.7	5	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106205	GW205-204	ug/l	NS	NS	410	410	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	60	120	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	62	62	FALSE
KAFB-106205	GW205-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106205	GW205-204	ug/l	NS	100	78	100	FALSE
KAFB-106205	GW205-204	ug/l	NS	70	11	70	FALSE
KAFB-106205	GW205-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106205	GW205-204	ug/l	20	5	110	5	FALSE
KAFB-106205	GW205-204	ug/l	620	10000	190	620	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	370	370	FALSE
KAFB-106205	GW205-204	ug/l	NS	70	36	70	FALSE
KAFB-106205	GW205-204	ug/l	NS	100	68	100	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	140	140	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106205	GW205-204	ug/l	NS	600	300	600	FALSE
KAFB-106205	GW205-204	ug/l	10	5	0.46	5	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	38	38	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106205	GW205-204	ug/l	100	80	2.2	80	FALSE
KAFB-106205	GW205-204	ug/l	10	5	4.6	5	FALSE
KAFB-106205	GW205-204	ug/l	60	200	8000	60	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	190	190	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106205	GW205-204	ug/l	NS	NS	8	8	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	83	83	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106205	GW205-204	ug/l	2	2	0.19	2	FALSE
KAFB-106205	GW205-204	ug/l	100	5	110	5	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	810	810	FALSE
KAFB-106205	GW205-204	ug/l	NS	80	33	80	FALSE
KAFB-106205	GW205-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106205	GW205-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106205	GW205-204	ug/l	5	7	280	5	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	200	200	FALSE
KAFB-106205	GW205-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106205	GW205-204	ug/l	10	5	2.8	5	FALSE
KAFB-106205	GW205-204	ug/l	100	5	4.9	5	FALSE
KAFB-106205	GW205-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	7	7	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106205	GW205-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	240	240	FALSE
KAFB-106205	GW205-204	ug/l	NS	600	300	600	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	56	56	FALSE
KAFB-106205	GW205-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106205	GW205-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106205	GW205-204	ug/l	NS	NS	690	690	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	450	450	FALSE
KAFB-106205	GW205-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-204	mg/l	600	250	NS	250	FALSE
KAFB-106204	GW204-204	mg/l	250	250	NS	250	FALSE
KAFB-106204	GW204-204	mg/l	10	10	NS	10	FALSE
KAFB-106204	GW204-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-204	mg/l	1	NS	NS	1	FALSE
KAFB-106204	GW204-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106204	GW204-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106204	GW204-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106204	GW204-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106204	GW204-204	ug/l	750	700	15	700	FALSE
KAFB-106204	GW204-204	ug/l	NS	100	1200	100	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	660	660	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	250	250	FALSE
KAFB-106204	GW204-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106204	GW204-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106204	GW204-204	ug/l	NS	NS	0.042	100	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106204	GW204-204	ug/l	10	5	1.7	5	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106204	GW204-204	ug/l	NS	NS	410	410	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	60	120	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	62	62	FALSE
KAFB-106204	GW204-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106204	GW204-204	ug/l	NS	100	78	100	FALSE
KAFB-106204	GW204-204	ug/l	NS	70	11	70	FALSE
KAFB-106204	GW204-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106204	GW204-204	ug/l	20	5	110	5	FALSE
KAFB-106204	GW204-204	ug/l	620	10000	190	620	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	370	370	FALSE
KAFB-106204	GW204-204	ug/l	NS	70	36	70	FALSE
KAFB-106204	GW204-204	ug/l	NS	100	68	100	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	140	140	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106204	GW204-204	ug/l	NS	600	300	600	FALSE
KAFB-106204	GW204-204	ug/l	10	5	0.46	5	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	38	38	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106204	GW204-204	ug/l	100	80	2.2	80	FALSE
KAFB-106204	GW204-204	ug/l	10	5	4.6	5	FALSE
KAFB-106204	GW204-204	ug/l	60	200	8000	60	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	190	190	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	8	8	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	83	83	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106204	GW204-204	ug/l	2	2	0.19	2	FALSE
KAFB-106204	GW204-204	ug/l	100	5	110	5	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	810	810	FALSE
KAFB-106204	GW204-204	ug/l	NS	80	33	80	FALSE
KAFB-106204	GW204-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106204	GW204-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106204	GW204-204	ug/l	5	7	280	5	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	200	200	FALSE
KAFB-106204	GW204-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106204	GW204-204	ug/l	10	5	2.8	5	FALSE
KAFB-106204	GW204-204	ug/l	100	5	4.9	5	FALSE
KAFB-106204	GW204-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	7	7	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106204	GW204-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	240	240	FALSE
KAFB-106204	GW204-204	ug/l	NS	600	300	600	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	56	56	FALSE
KAFB-106204	GW204-204	ug/l	NS	0.2	0.0033	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106204	GW204-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106204	GW204-204	ug/l	NS	NS	690	690	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	450	450	FALSE
KAFB-106204	GW204-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-204	mg/l	600	250	NS	250	FALSE
KAFB-106201	GW201-204	mg/l	250	250	NS	250	FALSE
KAFB-106201	GW201-204	mg/l	10	10	NS	10	FALSE
KAFB-106201	GW201-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-204	mg/l	1	NS	NS	1	FALSE
KAFB-106201	GW201-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106201	GW201-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106201	GW201-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106201	GW201-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106201	GW201-204	ug/l	750	700	15	700	FALSE
KAFB-106201	GW201-204	ug/l	NS	100	1200	100	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	660	660	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	250	250	FALSE
KAFB-106201	GW201-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	250	250	FALSE
KAFB-106201	GW201-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106201	GW201-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106201	GW201-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106201	GW201-204	ug/l	10	5	1.7	5	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106201	GW201-204	ug/l	NS	NS	410	410	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	60	120	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	62	62	FALSE
KAFB-106201	GW201-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106201	GW201-204	ug/l	NS	100	78	100	FALSE
KAFB-106201	GW201-204	ug/l	NS	70	11	70	FALSE
KAFB-106201	GW201-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106201	GW201-204	ug/l	20	5	110	5	FALSE
KAFB-106201	GW201-204	ug/l	620	10000	190	620	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	370	370	FALSE
KAFB-106201	GW201-204	ug/l	NS	70	36	70	FALSE
KAFB-106201	GW201-204	ug/l	NS	100	68	100	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	140	140	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106201	GW201-204	ug/l	NS	600	300	600	FALSE
KAFB-106201	GW201-204	ug/l	10	5	0.46	5	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	38	38	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	14000	14000	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106201	GW201-204	ug/l	100	80	2.2	80	FALSE
KAFB-106201	GW201-204	ug/l	10	5	4.6	5	FALSE
KAFB-106201	GW201-204	ug/l	60	200	8000	60	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	190	190	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	8	8	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	83	83	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106201	GW201-204	ug/l	2	2	0.19	2	FALSE
KAFB-106201	GW201-204	ug/l	100	5	110	5	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	810	810	FALSE
KAFB-106201	GW201-204	ug/l	NS	80	33	80	FALSE
KAFB-106201	GW201-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106201	GW201-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106201	GW201-204	ug/l	5	7	280	5	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	200	200	FALSE
KAFB-106201	GW201-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106201	GW201-204	ug/l	10	5	2.8	5	FALSE
KAFB-106201	GW201-204	ug/l	100	5	4.9	5	FALSE
KAFB-106201	GW201-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	7	7	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106201	GW201-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	240	240	FALSE
KAFB-106201	GW201-204	ug/l	NS	600	300	600	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	56	56	FALSE
KAFB-106201	GW201-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106201	GW201-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106201	GW201-204	ug/l	NS	NS	690	690	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	450	450	FALSE
KAFB-106201	GW201-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-204	mg/l	600	250	NS	250	FALSE
KAFB-106202	GW202-204	mg/l	250	250	NS	250	FALSE
KAFB-106202	GW202-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-204	mg/l	10	10	NS	10	FALSE
KAFB-106202	GW202-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-204	mg/l	1	NS	NS	1	FALSE
KAFB-106202	GW202-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106202	GW202-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106202	GW202-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106202	GW202-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106202	GW202-204	ug/l	750	700	15	700	FALSE
KAFB-106202	GW202-204	ug/l	NS	100	1200	100	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	660	660	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106202	GW202-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	250	250	FALSE
KAFB-106202	GW202-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106202	GW202-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106202	GW202-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106202	GW202-204	ug/l	10	5	1.7	5	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106202	GW202-204	ug/l	NS	NS	410	410	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	60	120	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	62	62	FALSE
KAFB-106202	GW202-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106202	GW202-204	ug/l	NS	100	78	100	FALSE
KAFB-106202	GW202-204	ug/l	NS	70	11	70	FALSE
KAFB-106202	GW202-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106202	GW202-204	ug/l	20	5	110	5	FALSE
KAFB-106202	GW202-204	ug/l	620	10000	190	620	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	370	370	FALSE
KAFB-106202	GW202-204	ug/l	NS	70	36	70	FALSE
KAFB-106202	GW202-204	ug/l	NS	100	68	100	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	140	140	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106202	GW202-204	ug/l	NS	600	300	600	FALSE
KAFB-106202	GW202-204	ug/l	10	5	0.46	5	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	38	38	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106202	GW202-204	ug/l	100	80	2.2	80	FALSE
KAFB-106202	GW202-204	ug/l	10	5	4.6	5	FALSE
KAFB-106202	GW202-204	ug/l	60	200	8000	60	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	190	190	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	8	8	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	83	83	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106202	GW202-204	ug/l	2	2	0.19	2	FALSE
KAFB-106202	GW202-204	ug/l	100	5	110	5	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	810	810	FALSE
KAFB-106202	GW202-204	ug/l	NS	80	33	80	FALSE
KAFB-106202	GW202-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106202	GW202-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106202	GW202-204	ug/l	5	7	280	5	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	200	200	FALSE
KAFB-106202	GW202-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106202	GW202-204	ug/l	10	5	2.8	5	FALSE
KAFB-106202	GW202-204	ug/l	100	5	4.9	5	FALSE
KAFB-106202	GW202-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	7	7	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106202	GW202-204	ug/l	30	NS	1.2	30	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106202	GW202-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	240	240	FALSE
KAFB-106202	GW202-204	ug/l	NS	600	300	600	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	56	56	FALSE
KAFB-106202	GW202-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106202	GW202-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106202	GW202-204	ug/l	NS	NS	690	690	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	450	450	FALSE
KAFB-106202	GW202-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-204	mg/l	600	250	NS	250	FALSE
KAFB-106203	GW203-204	mg/l	250	250	NS	250	FALSE
KAFB-106203	GW203-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-204	mg/l	10	10	NS	10	FALSE
KAFB-106203	GW203-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-204	mg/l	1	NS	NS	1	FALSE
KAFB-106203	GW203-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106203	GW203-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106203	GW203-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106203	GW203-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106203	GW203-204	ug/l	750	700	15	700	FALSE
KAFB-106203	GW203-204	ug/l	NS	100	1200	100	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	660	660	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	250	250	FALSE
KAFB-106203	GW203-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106203	GW203-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106203	GW203-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106203	GW203-204	ug/l	10	5	1.7	5	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106203	GW203-204	ug/l	NS	NS	410	410	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	60	120	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	62	62	FALSE
KAFB-106203	GW203-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106203	GW203-204	ug/l	NS	100	78	100	FALSE
KAFB-106203	GW203-204	ug/l	NS	70	11	70	FALSE
KAFB-106203	GW203-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106203	GW203-204	ug/l	20	5	110	5	FALSE
KAFB-106203	GW203-204	ug/l	620	10000	190	620	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	370	370	FALSE
KAFB-106203	GW203-204	ug/l	NS	70	36	70	FALSE
KAFB-106203	GW203-204	ug/l	NS	100	68	100	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	140	140	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106203	GW203-204	ug/l	NS	600	300	600	FALSE
KAFB-106203	GW203-204	ug/l	10	5	0.46	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106203	GW203-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	38	38	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106203	GW203-204	ug/l	100	80	2.2	80	FALSE
KAFB-106203	GW203-204	ug/l	10	5	4.6	5	FALSE
KAFB-106203	GW203-204	ug/l	60	200	8000	60	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	190	190	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	8	8	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	83	83	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106203	GW203-204	ug/l	2	2	0.19	2	FALSE
KAFB-106203	GW203-204	ug/l	100	5	110	5	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	810	810	FALSE
KAFB-106203	GW203-204	ug/l	NS	80	33	80	FALSE
KAFB-106203	GW203-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106203	GW203-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106203	GW203-204	ug/l	5	7	280	5	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	200	200	FALSE
KAFB-106203	GW203-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106203	GW203-204	ug/l	10	5	2.8	5	FALSE
KAFB-106203	GW203-204	ug/l	100	5	4.9	5	FALSE
KAFB-106203	GW203-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	7	7	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106203	GW203-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	240	240	FALSE
KAFB-106203	GW203-204	ug/l	NS	600	300	600	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	56	56	FALSE
KAFB-106203	GW203-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106203	GW203-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106203	GW203-204	ug/l	NS	NS	690	690	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	450	450	FALSE
KAFB-106203	GW203-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-204	mg/l	600	250	NS	250	FALSE
KAFB-106040	GW040-204	mg/l	250	250	NS	250	FALSE
KAFB-106040	GW040-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-204	mg/l	10	10	NS	10	FALSE
KAFB-106040	GW040-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-204	mg/l	1	NS	NS	1	FALSE
KAFB-106040	GW040-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106040	GW040-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106040	GW040-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106040	GW040-204	ug/l	0.05	0.05	0.075	0.05	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106040	GW040-204	ug/l	750	700	15	700	FALSE
KAFB-106040	GW040-204	ug/l	NS	100	1200	100	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	660	660	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	250	250	FALSE
KAFB-106040	GW040-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106040	GW040-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106040	GW040-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106040	GW040-204	ug/l	10	5	1.7	5	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106040	GW040-204	ug/l	NS	NS	410	410	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	60	120	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	62	62	FALSE
KAFB-106040	GW040-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106040	GW040-204	ug/l	NS	100	78	100	FALSE
KAFB-106040	GW040-204	ug/l	NS	70	11	70	FALSE
KAFB-106040	GW040-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106040	GW040-204	ug/l	20	5	110	5	FALSE
KAFB-106040	GW040-204	ug/l	620	10000	190	620	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	370	370	FALSE
KAFB-106040	GW040-204	ug/l	NS	70	36	70	FALSE
KAFB-106040	GW040-204	ug/l	NS	100	68	100	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	140	140	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106040	GW040-204	ug/l	NS	600	300	600	FALSE
KAFB-106040	GW040-204	ug/l	10	5	0.46	5	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	38	38	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106040	GW040-204	ug/l	100	80	2.2	80	FALSE
KAFB-106040	GW040-204	ug/l	10	5	4.6	5	FALSE
KAFB-106040	GW040-204	ug/l	60	200	8000	60	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	190	190	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	8	8	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	83	83	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106040	GW040-204	ug/l	2	2	0.19	2	FALSE
KAFB-106040	GW040-204	ug/l	100	5	110	5	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	810	810	FALSE
KAFB-106040	GW040-204	ug/l	NS	80	33	80	FALSE
KAFB-106040	GW040-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106040	GW040-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106040	GW040-204	ug/l	5	7	280	5	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	200	200	FALSE
KAFB-106040	GW040-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106040	GW040-204	ug/l	10	5	2.8	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106040	GW040-204	ug/l	100	5	4.9	5	FALSE
KAFB-106040	GW040-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	7	7	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106040	GW040-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	240	240	FALSE
KAFB-106040	GW040-204	ug/l	NS	600	300	600	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	56	56	FALSE
KAFB-106040	GW040-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106040	GW040-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106040	GW040-204	ug/l	NS	NS	690	690	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	450	450	FALSE
KAFB-106040	GW040-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-204	mg/l	600	250	NS	250	FALSE
KAFB-106219	GW219-204	mg/l	250	250	NS	250	FALSE
KAFB-106219	GW219-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-204	mg/l	10	10	NS	10	FALSE
KAFB-106219	GW219-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-204	mg/l	1	NS	NS	1	FALSE
KAFB-106219	GW219-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106219	GW219-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106219	GW219-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106219	GW219-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106219	GW219-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106219	GW219-204	ug/l	750	700	15	700	FALSE
KAFB-106219	GW219-204	ug/l	NS	100	1200	100	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	660	660	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	250	250	FALSE
KAFB-106219	GW219-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106219	GW219-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106219	GW219-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106219	GW219-204	ug/l	10	5	1.7	5	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106219	GW219-204	ug/l	NS	NS	410	410	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	60	120	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	62	62	FALSE
KAFB-106219	GW219-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106219	GW219-204	ug/l	NS	100	78	100	FALSE
KAFB-106219	GW219-204	ug/l	NS	70	11	70	FALSE
KAFB-106219	GW219-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106219	GW219-204	ug/l	20	5	110	5	FALSE
KAFB-106219	GW219-204	ug/l	620	10000	190	620	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	370	370	FALSE
KAFB-106219	GW219-204	ug/l	NS	70	36	70	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106219	GW219-204	ug/l	NS	100	68	100	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	140	140	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106219	GW219-204	ug/l	NS	600	300	600	FALSE
KAFB-106219	GW219-204	ug/l	10	5	0.46	5	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	38	38	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106219	GW219-204	ug/l	100	80	2.2	80	FALSE
KAFB-106219	GW219-204	ug/l	10	5	4.6	5	FALSE
KAFB-106219	GW219-204	ug/l	60	200	8000	60	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	190	190	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	8	8	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	83	83	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106219	GW219-204	ug/l	2	2	0.19	2	FALSE
KAFB-106219	GW219-204	ug/l	100	5	110	5	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	810	810	FALSE
KAFB-106219	GW219-204	ug/l	NS	80	33	80	FALSE
KAFB-106219	GW219-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106219	GW219-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106219	GW219-204	ug/l	5	7	280	5	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	200	200	FALSE
KAFB-106219	GW219-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106219	GW219-204	ug/l	10	5	2.8	5	FALSE
KAFB-106219	GW219-204	ug/l	100	5	4.9	5	FALSE
KAFB-106219	GW219-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	7	7	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106219	GW219-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	240	240	FALSE
KAFB-106219	GW219-204	ug/l	NS	600	300	600	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	56	56	FALSE
KAFB-106219	GW219-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106219	GW219-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106219	GW219-204	ug/l	NS	NS	690	690	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	450	450	FALSE
KAFB-106219	GW219-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-204	mg/l	600	250	NS	250	FALSE
KAFB-106220	GW220-204	mg/l	250	250	NS	250	FALSE
KAFB-106220	GW220-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-204	mg/l	10	10	NS	10	FALSE
KAFB-106220	GW220-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-204	mg/l	1	NS	NS	1	FALSE
KAFB-106220	GW220-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106220	GW220-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106220	GW220-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106220	GW220-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106220	GW220-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106220	GW220-204	ug/l	750	700	15	700	FALSE
KAFB-106220	GW220-204	ug/l	NS	100	1200	100	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	660	660	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	250	250	FALSE
KAFB-106220	GW220-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106220	GW220-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106220	GW220-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106220	GW220-204	ug/l	10	5	1.7	5	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106220	GW220-204	ug/l	NS	NS	410	410	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	60	120	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	62	62	FALSE
KAFB-106220	GW220-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106220	GW220-204	ug/l	NS	100	78	100	FALSE
KAFB-106220	GW220-204	ug/l	NS	70	11	70	FALSE
KAFB-106220	GW220-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106220	GW220-204	ug/l	20	5	110	5	FALSE
KAFB-106220	GW220-204	ug/l	620	10000	190	620	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	370	370	FALSE
KAFB-106220	GW220-204	ug/l	NS	70	36	70	FALSE
KAFB-106220	GW220-204	ug/l	NS	100	68	100	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	140	140	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106220	GW220-204	ug/l	NS	600	300	600	FALSE
KAFB-106220	GW220-204	ug/l	10	5	0.46	5	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	38	38	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106220	GW220-204	ug/l	100	80	2.2	80	FALSE
KAFB-106220	GW220-204	ug/l	10	5	4.6	5	FALSE
KAFB-106220	GW220-204	ug/l	60	200	8000	60	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	190	190	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	8	8	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	83	83	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106220	GW220-204	ug/l	2	2	0.19	2	FALSE
KAFB-106220	GW220-204	ug/l	100	5	110	5	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	810	810	FALSE
KAFB-106220	GW220-204	ug/l	NS	80	33	80	FALSE
KAFB-106220	GW220-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106220	GW220-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106220	GW220-204	ug/l	5	7	280	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106220	GW220-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	200	200	FALSE
KAFB-106220	GW220-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106220	GW220-204	ug/l	10	5	2.8	5	FALSE
KAFB-106220	GW220-204	ug/l	100	5	4.9	5	FALSE
KAFB-106220	GW220-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	7	7	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106220	GW220-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	240	240	FALSE
KAFB-106220	GW220-204	ug/l	NS	600	300	600	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	56	56	FALSE
KAFB-106220	GW220-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106220	GW220-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106220	GW220-204	ug/l	NS	NS	690	690	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	450	450	FALSE
KAFB-106220	GW220-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-204	mg/l	600	250	NS	250	FALSE
KAFB-106221	GW221-204	mg/l	250	250	NS	250	FALSE
KAFB-106221	GW221-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-204	mg/l	10	10	NS	10	FALSE
KAFB-106221	GW221-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-204	mg/l	1	NS	NS	1	FALSE
KAFB-106221	GW221-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106221	GW221-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106221	GW221-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106221	GW221-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106221	GW221-204	ug/l	750	700	15	700	FALSE
KAFB-106221	GW221-204	ug/l	NS	100	1200	100	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	660	660	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	250	250	FALSE
KAFB-106221	GW221-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106221	GW221-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106221	GW221-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106221	GW221-204	ug/l	10	5	1.7	5	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106221	GW221-204	ug/l	NS	NS	410	410	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	60	120	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	62	62	FALSE
KAFB-106221	GW221-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106221	GW221-204	ug/l	NS	100	78	100	FALSE
KAFB-106221	GW221-204	ug/l	NS	70	11	70	FALSE
KAFB-106221	GW221-204	ug/l	NS	80	1.7	80	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106221	GW221-204	ug/l	20	5	110	5	FALSE
KAFB-106221	GW221-204	ug/l	620	10000	190	620	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	370	370	FALSE
KAFB-106221	GW221-204	ug/l	NS	70	36	70	FALSE
KAFB-106221	GW221-204	ug/l	NS	100	68	100	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	140	140	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106221	GW221-204	ug/l	NS	600	300	600	FALSE
KAFB-106221	GW221-204	ug/l	10	5	0.46	5	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	38	38	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106221	GW221-204	ug/l	100	80	2.2	80	FALSE
KAFB-106221	GW221-204	ug/l	10	5	4.6	5	FALSE
KAFB-106221	GW221-204	ug/l	60	200	8000	60	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	190	190	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	8	8	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	83	83	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106221	GW221-204	ug/l	2	2	0.19	2	FALSE
KAFB-106221	GW221-204	ug/l	100	5	110	5	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	810	810	FALSE
KAFB-106221	GW221-204	ug/l	NS	80	33	80	FALSE
KAFB-106221	GW221-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106221	GW221-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106221	GW221-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106221	GW221-204	ug/l	5	7	280	5	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	200	200	FALSE
KAFB-106221	GW221-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106221	GW221-204	ug/l	10	5	2.8	5	FALSE
KAFB-106221	GW221-204	ug/l	100	5	4.9	5	FALSE
KAFB-106221	GW221-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	7	7	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106221	GW221-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	240	240	FALSE
KAFB-106221	GW221-204	ug/l	NS	600	300	600	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	56	56	FALSE
KAFB-106221	GW221-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106221	GW221-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106221	GW221-204	ug/l	NS	NS	690	690	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	450	450	FALSE
KAFB-106221	GW221-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-204	mg/l	600	250	NS	250	FALSE
KAFB-106096	GW096-204	mg/l	250	250	NS	250	FALSE
KAFB-106096	GW096-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-204	mg/l	10	10	NS	10	FALSE
KAFB-106096	GW096-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106096	GW096-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-204	mg/l	1	NS	NS	1	FALSE
KAFB-106096	GW096-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106096	GW096-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106096	GW096-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106096	GW096-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106096	GW096-204	ug/l	750	700	15	700	FALSE
KAFB-106096	GW096-204	ug/l	NS	100	1200	100	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	660	660	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	250	250	FALSE
KAFB-106096	GW096-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106096	GW096-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106096	GW096-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106096	GW096-204	ug/l	10	5	1.7	5	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106096	GW096-204	ug/l	NS	NS	410	410	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	60	120	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	62	62	FALSE
KAFB-106096	GW096-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106096	GW096-204	ug/l	NS	100	78	100	FALSE
KAFB-106096	GW096-204	ug/l	NS	70	11	70	FALSE
KAFB-106096	GW096-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106096	GW096-204	ug/l	20	5	110	5	FALSE
KAFB-106096	GW096-204	ug/l	620	10000	190	620	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	370	370	FALSE
KAFB-106096	GW096-204	ug/l	NS	70	36	70	FALSE
KAFB-106096	GW096-204	ug/l	NS	100	68	100	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	140	140	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106096	GW096-204	ug/l	NS	600	300	600	FALSE
KAFB-106096	GW096-204	ug/l	10	5	0.46	5	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	38	38	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106096	GW096-204	ug/l	100	80	2.2	80	FALSE
KAFB-106096	GW096-204	ug/l	10	5	4.6	5	FALSE
KAFB-106096	GW096-204	ug/l	60	200	8000	60	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	190	190	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	8	8	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	83	83	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106096	GW096-204	ug/l	2	2	0.19	2	FALSE
KAFB-106096	GW096-204	ug/l	100	5	110	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106096	GW096-204	ug/l	NS	NS	810	810	FALSE
KAFB-106096	GW096-204	ug/l	NS	80	33	80	FALSE
KAFB-106096	GW096-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106096	GW096-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106096	GW096-204	ug/l	5	7	280	5	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	200	200	FALSE
KAFB-106096	GW096-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106096	GW096-204	ug/l	10	5	2.8	5	FALSE
KAFB-106096	GW096-204	ug/l	100	5	4.9	5	FALSE
KAFB-106096	GW096-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	7	7	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106096	GW096-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	240	240	FALSE
KAFB-106096	GW096-204	ug/l	NS	600	300	600	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	56	56	FALSE
KAFB-106096	GW096-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106096	GW096-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106096	GW096-204	ug/l	NS	NS	690	690	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	450	450	FALSE
KAFB-106096	GW096-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-604	mg/l	600	250	NS	250	FALSE
KAFB-106096	GW096-604	mg/l	250	250	NS	250	FALSE
KAFB-106096	GW096-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-604	mg/l	10	10	NS	10	FALSE
KAFB-106096	GW096-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-604	mg/l	1	NS	NS	1	FALSE
KAFB-106096	GW096-604	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106096	GW096-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-604	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106096	GW096-604	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106096	GW096-604	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106096	GW096-604	ug/l	750	700	15	700	FALSE
KAFB-106096	GW096-604	ug/l	NS	100	1200	100	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	660	660	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	1000	1000	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	250	250	FALSE
KAFB-106096	GW096-604	ug/l	NS	75	4.8	75	FALSE
KAFB-106096	GW096-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106096	GW096-604	ug/l	NS	NS	0.042	100	TRUE
KAFB-106096	GW096-604	ug/l	10	5	1.7	5	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	0.52	20	TRUE
KAFB-106096	GW096-604	ug/l	NS	NS	410	410	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	6300	1200	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	60	120	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106096	GW096-604	ug/l	NS	NS	62	62	FALSE
KAFB-106096	GW096-604	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106096	GW096-604	ug/l	NS	100	78	100	FALSE
KAFB-106096	GW096-604	ug/l	NS	70	11	70	FALSE
KAFB-106096	GW096-604	ug/l	NS	80	1.7	80	FALSE
KAFB-106096	GW096-604	ug/l	20	5	110	5	FALSE
KAFB-106096	GW096-604	ug/l	620	10000	190	620	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	2000	2000	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	370	370	FALSE
KAFB-106096	GW096-604	ug/l	NS	70	36	70	FALSE
KAFB-106096	GW096-604	ug/l	NS	100	68	100	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	140	140	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106096	GW096-604	ug/l	NS	600	300	600	FALSE
KAFB-106096	GW096-604	ug/l	10	5	0.46	5	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	38	38	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	14000	14000	FALSE
KAFB-106096	GW096-604	ug/l	100	80	2.2	80	FALSE
KAFB-106096	GW096-604	ug/l	10	5	4.6	5	FALSE
KAFB-106096	GW096-604	ug/l	60	200	8000	60	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	190	190	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	8	8	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	83	83	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	83	83	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106096	GW096-604	ug/l	2	2	0.19	2	FALSE
KAFB-106096	GW096-604	ug/l	100	5	110	5	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	810	810	FALSE
KAFB-106096	GW096-604	ug/l	NS	80	33	80	FALSE
KAFB-106096	GW096-604	ug/l	NS	80	1.3	80	FALSE
KAFB-106096	GW096-604	ug/l	25	NS	2.8	25	FALSE
KAFB-106096	GW096-604	ug/l	5	7	280	5	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	5200	1100	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	200	200	FALSE
KAFB-106096	GW096-604	ug/l	NS	5	8.25	5	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	5600	5600	FALSE
KAFB-106096	GW096-604	ug/l	10	5	2.8	5	FALSE
KAFB-106096	GW096-604	ug/l	100	5	4.9	5	FALSE
KAFB-106096	GW096-604	ug/l	10	NS	0.76	10	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	7	7	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	1.4	5	TRUE
KAFB-106096	GW096-604	ug/l	30	NS	1.2	30	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	240	240	FALSE
KAFB-106096	GW096-604	ug/l	NS	600	300	600	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	56	56	FALSE
KAFB-106096	GW096-604	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106096	GW096-604	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106096	GW096-604	ug/l	NS	NS	690	690	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	450	450	FALSE
KAFB-106096	GW096-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-204	mg/l	600	250	NS	250	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106218	GW218-204	mg/l	250	250	NS	250	FALSE
KAFB-106218	GW218-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-204	mg/l	10	10	NS	10	FALSE
KAFB-106218	GW218-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-204	mg/l	1	NS	NS	1	FALSE
KAFB-106218	GW218-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106218	GW218-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106218	GW218-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106218	GW218-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106218	GW218-204	ug/l	750	700	15	700	FALSE
KAFB-106218	GW218-204	ug/l	NS	100	1200	100	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	660	660	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	250	250	FALSE
KAFB-106218	GW218-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106218	GW218-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106218	GW218-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106218	GW218-204	ug/l	10	5	1.7	5	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106218	GW218-204	ug/l	NS	NS	410	410	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	60	120	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	62	62	FALSE
KAFB-106218	GW218-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106218	GW218-204	ug/l	NS	100	78	100	FALSE
KAFB-106218	GW218-204	ug/l	NS	70	11	70	FALSE
KAFB-106218	GW218-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106218	GW218-204	ug/l	20	5	110	5	FALSE
KAFB-106218	GW218-204	ug/l	620	10000	190	620	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	370	370	FALSE
KAFB-106218	GW218-204	ug/l	NS	70	36	70	FALSE
KAFB-106218	GW218-204	ug/l	NS	100	68	100	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	140	140	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106218	GW218-204	ug/l	NS	600	300	600	FALSE
KAFB-106218	GW218-204	ug/l	10	5	0.46	5	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	38	38	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106218	GW218-204	ug/l	100	80	2.2	80	FALSE
KAFB-106218	GW218-204	ug/l	10	5	4.6	5	FALSE
KAFB-106218	GW218-204	ug/l	60	200	8000	60	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	190	190	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106218	GW218-204	ug/l	NS	NS	8	8	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	83	83	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106218	GW218-204	ug/l	2	2	0.19	2	FALSE
KAFB-106218	GW218-204	ug/l	100	5	110	5	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	810	810	FALSE
KAFB-106218	GW218-204	ug/l	NS	80	33	80	FALSE
KAFB-106218	GW218-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106218	GW218-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106218	GW218-204	ug/l	5	7	280	5	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	200	200	FALSE
KAFB-106218	GW218-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106218	GW218-204	ug/l	10	5	2.8	5	FALSE
KAFB-106218	GW218-204	ug/l	100	5	4.9	5	FALSE
KAFB-106218	GW218-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	7	7	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106218	GW218-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	240	240	FALSE
KAFB-106218	GW218-204	ug/l	NS	600	300	600	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	56	56	FALSE
KAFB-106218	GW218-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106218	GW218-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106218	GW218-204	ug/l	NS	NS	690	690	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	450	450	FALSE
KAFB-106218	GW218-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-204	mg/l	600	250	NS	250	FALSE
KAFB-106217	GW217-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-204	mg/l	250	250	NS	250	FALSE
KAFB-106217	GW217-204	mg/l	10	10	NS	10	FALSE
KAFB-106217	GW217-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-204	mg/l	1	NS	NS	1	FALSE
KAFB-106217	GW217-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106217	GW217-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106217	GW217-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106217	GW217-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106217	GW217-204	ug/l	750	700	15	700	FALSE
KAFB-106217	GW217-204	ug/l	NS	100	1200	100	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	660	660	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	250	250	FALSE
KAFB-106217	GW217-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106217	GW217-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106217	GW217-204	ug/l	NS	NS	0.042	100	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106217	GW217-204	ug/l	10	5	1.7	5	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106217	GW217-204	ug/l	NS	NS	410	410	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	60	120	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	62	62	FALSE
KAFB-106217	GW217-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106217	GW217-204	ug/l	NS	100	78	100	FALSE
KAFB-106217	GW217-204	ug/l	NS	70	11	70	FALSE
KAFB-106217	GW217-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106217	GW217-204	ug/l	20	5	110	5	FALSE
KAFB-106217	GW217-204	ug/l	620	10000	190	620	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	370	370	FALSE
KAFB-106217	GW217-204	ug/l	NS	70	36	70	FALSE
KAFB-106217	GW217-204	ug/l	NS	100	68	100	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	140	140	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106217	GW217-204	ug/l	NS	600	300	600	FALSE
KAFB-106217	GW217-204	ug/l	10	5	0.46	5	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	38	38	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106217	GW217-204	ug/l	100	80	2.2	80	FALSE
KAFB-106217	GW217-204	ug/l	10	5	4.6	5	FALSE
KAFB-106217	GW217-204	ug/l	60	200	8000	60	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	190	190	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	8	8	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	83	83	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106217	GW217-204	ug/l	2	2	0.19	2	FALSE
KAFB-106217	GW217-204	ug/l	100	5	110	5	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	810	810	FALSE
KAFB-106217	GW217-204	ug/l	NS	80	33	80	FALSE
KAFB-106217	GW217-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106217	GW217-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106217	GW217-204	ug/l	5	7	280	5	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	200	200	FALSE
KAFB-106217	GW217-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106217	GW217-204	ug/l	10	5	2.8	5	FALSE
KAFB-106217	GW217-204	ug/l	100	5	4.9	5	FALSE
KAFB-106217	GW217-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	7	7	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106217	GW217-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	240	240	FALSE
KAFB-106217	GW217-204	ug/l	NS	600	300	600	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	56	56	FALSE
KAFB-106217	GW217-204	ug/l	NS	0.2	0.0033	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106217	GW217-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106217	GW217-204	ug/l	NS	NS	690	690	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	450	450	FALSE
KAFB-106217	GW217-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-204	mg/l	600	250	NS	250	FALSE
KAFB-106216	GW216-204	mg/l	250	250	NS	250	FALSE
KAFB-106216	GW216-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-204	mg/l	10	10	NS	10	FALSE
KAFB-106216	GW216-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-204	mg/l	1	NS	NS	1	FALSE
KAFB-106216	GW216-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106216	GW216-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106216	GW216-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106216	GW216-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106216	GW216-204	ug/l	750	700	15	700	FALSE
KAFB-106216	GW216-204	ug/l	NS	100	1200	100	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	660	660	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	250	250	FALSE
KAFB-106216	GW216-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106216	GW216-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106216	GW216-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106216	GW216-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106216	GW216-204	ug/l	10	5	1.7	5	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106216	GW216-204	ug/l	NS	NS	410	410	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	60	120	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	62	62	FALSE
KAFB-106216	GW216-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106216	GW216-204	ug/l	NS	100	78	100	FALSE
KAFB-106216	GW216-204	ug/l	NS	70	11	70	FALSE
KAFB-106216	GW216-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106216	GW216-204	ug/l	20	5	110	5	FALSE
KAFB-106216	GW216-204	ug/l	620	10000	190	620	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	370	370	FALSE
KAFB-106216	GW216-204	ug/l	NS	70	36	70	FALSE
KAFB-106216	GW216-204	ug/l	NS	100	68	100	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	140	140	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106216	GW216-204	ug/l	NS	600	300	600	FALSE
KAFB-106216	GW216-204	ug/l	10	5	0.46	5	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	38	38	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	14000	14000	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106216	GW216-204	ug/l	100	80	2.2	80	FALSE
KAFB-106216	GW216-204	ug/l	10	5	4.6	5	FALSE
KAFB-106216	GW216-204	ug/l	60	200	8000	60	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	190	190	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	8	8	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	83	83	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106216	GW216-204	ug/l	2	2	0.19	2	FALSE
KAFB-106216	GW216-204	ug/l	100	5	110	5	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	810	810	FALSE
KAFB-106216	GW216-204	ug/l	NS	80	33	80	FALSE
KAFB-106216	GW216-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106216	GW216-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106216	GW216-204	ug/l	5	7	280	5	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	200	200	FALSE
KAFB-106216	GW216-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106216	GW216-204	ug/l	10	5	2.8	5	FALSE
KAFB-106216	GW216-204	ug/l	100	5	4.9	5	FALSE
KAFB-106216	GW216-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	7	7	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106216	GW216-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	240	240	FALSE
KAFB-106216	GW216-204	ug/l	NS	600	300	600	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	56	56	FALSE
KAFB-106216	GW216-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106216	GW216-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106216	GW216-204	ug/l	NS	NS	690	690	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	450	450	FALSE
KAFB-106216	GW216-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-204	mg/l	600	250	NS	250	FALSE
KAFB-106095	GW095-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-204	mg/l	250	250	NS	250	FALSE
KAFB-106095	GW095-204	mg/l	10	10	NS	10	FALSE
KAFB-106095	GW095-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-204	mg/l	1	NS	NS	1	FALSE
KAFB-106095	GW095-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106095	GW095-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106095	GW095-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106095	GW095-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106095	GW095-204	ug/l	750	700	15	700	FALSE
KAFB-106095	GW095-204	ug/l	NS	100	1200	100	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	660	660	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106095	GW095-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	250	250	FALSE
KAFB-106095	GW095-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106095	GW095-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106095	GW095-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106095	GW095-204	ug/l	10	5	1.7	5	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106095	GW095-204	ug/l	NS	NS	410	410	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	60	120	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	62	62	FALSE
KAFB-106095	GW095-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106095	GW095-204	ug/l	NS	100	78	100	FALSE
KAFB-106095	GW095-204	ug/l	NS	70	11	70	FALSE
KAFB-106095	GW095-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106095	GW095-204	ug/l	20	5	110	5	FALSE
KAFB-106095	GW095-204	ug/l	620	10000	190	620	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	370	370	FALSE
KAFB-106095	GW095-204	ug/l	NS	70	36	70	FALSE
KAFB-106095	GW095-204	ug/l	NS	100	68	100	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	140	140	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106095	GW095-204	ug/l	NS	600	300	600	FALSE
KAFB-106095	GW095-204	ug/l	10	5	0.46	5	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	38	38	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106095	GW095-204	ug/l	100	80	2.2	80	FALSE
KAFB-106095	GW095-204	ug/l	10	5	4.6	5	FALSE
KAFB-106095	GW095-204	ug/l	60	200	8000	60	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	190	190	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	8	8	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	83	83	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106095	GW095-204	ug/l	2	2	0.19	2	FALSE
KAFB-106095	GW095-204	ug/l	100	5	110	5	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	810	810	FALSE
KAFB-106095	GW095-204	ug/l	NS	80	33	80	FALSE
KAFB-106095	GW095-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106095	GW095-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106095	GW095-204	ug/l	5	7	280	5	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	200	200	FALSE
KAFB-106095	GW095-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106095	GW095-204	ug/l	10	5	2.8	5	FALSE
KAFB-106095	GW095-204	ug/l	100	5	4.9	5	FALSE
KAFB-106095	GW095-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	7	7	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106095	GW095-204	ug/l	30	NS	1.2	30	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106095	GW095-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	240	240	FALSE
KAFB-106095	GW095-204	ug/l	NS	600	300	600	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	56	56	FALSE
KAFB-106095	GW095-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106095	GW095-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106095	GW095-204	ug/l	NS	NS	690	690	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	450	450	FALSE
KAFB-106095	GW095-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-204	mg/l	600	250	NS	250	FALSE
KAFB-106225	GW225-204	mg/l	250	250	NS	250	FALSE
KAFB-106225	GW225-204	mg/l	10	10	NS	10	FALSE
KAFB-106225	GW225-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-204	mg/l	NS	NS	NS	1	FALSE
KAFB-106225	GW225-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106225	GW225-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106225	GW225-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106225	GW225-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106225	GW225-204	ug/l	750	700	15	700	FALSE
KAFB-106225	GW225-204	ug/l	NS	100	1200	100	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106225	GW225-204	ug/l	NS	100	1200	100	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	660	660	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	250	250	FALSE
KAFB-106225	GW225-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106225	GW225-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106225	GW225-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106225	GW225-204	ug/l	10	5	1.7	5	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106225	GW225-204	ug/l	NS	NS	410	410	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	60	120	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	62	62	FALSE
KAFB-106225	GW225-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106225	GW225-204	ug/l	NS	100	78	100	FALSE
KAFB-106225	GW225-204	ug/l	NS	70	11	70	FALSE
KAFB-106225	GW225-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106225	GW225-204	ug/l	20	5	110	5	FALSE
KAFB-106225	GW225-204	ug/l	620	10000	190	620	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	370	370	FALSE
KAFB-106225	GW225-204	ug/l	NS	70	36	70	FALSE
KAFB-106225	GW225-204	ug/l	NS	100	68	100	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	140	140	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106225	GW225-204	ug/l	NS	600	300	600	FALSE
KAFB-106225	GW225-204	ug/l	10	5	0.46	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106225	GW225-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	38	38	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106225	GW225-204	ug/l	100	80	2.2	80	FALSE
KAFB-106225	GW225-204	ug/l	10	5	4.6	5	FALSE
KAFB-106225	GW225-204	ug/l	60	200	8000	60	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	190	190	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	8	8	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	83	83	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106225	GW225-204	ug/l	2	2	0.19	2	FALSE
KAFB-106225	GW225-204	ug/l	100	5	110	5	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	810	810	FALSE
KAFB-106225	GW225-204	ug/l	NS	80	33	80	FALSE
KAFB-106225	GW225-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106225	GW225-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106225	GW225-204	ug/l	5	7	280	5	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	200	200	FALSE
KAFB-106225	GW225-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106225	GW225-204	ug/l	10	5	2.8	5	FALSE
KAFB-106225	GW225-204	ug/l	100	5	4.9	5	FALSE
KAFB-106225	GW225-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	7	7	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106225	GW225-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	240	240	FALSE
KAFB-106225	GW225-204	ug/l	NS	600	300	600	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	56	56	FALSE
KAFB-106225	GW225-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106225	GW225-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106225	GW225-204	ug/l	NS	NS	690	690	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	450	450	FALSE
KAFB-106225	GW225-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-604	mg/l	600	250	NS	250	FALSE
KAFB-106225	GW225-604	mg/l	250	250	NS	250	FALSE
KAFB-106225	GW225-604	mg/l	10	10	NS	10	FALSE
KAFB-106225	GW225-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-604	mg/l	1	NS	NS	1	FALSE
KAFB-106225	GW225-604	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106225	GW225-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-604	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106225	GW225-604	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106225	GW225-604	ug/l	0.05	0.05	0.075	0.05	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106225	GW225-604	ug/l	750	700	15	700	FALSE
KAFB-106225	GW225-604	ug/l	NS	100	1200	100	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	660	660	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	1000	1000	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	250	250	FALSE
KAFB-106225	GW225-604	ug/l	NS	75	4.8	75	FALSE
KAFB-106225	GW225-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106225	GW225-604	ug/l	NS	NS	0.042	100	TRUE
KAFB-106225	GW225-604	ug/l	10	5	1.7	5	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	0.52	20	TRUE
KAFB-106225	GW225-604	ug/l	NS	NS	410	410	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	6300	1200	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	60	120	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	62	62	FALSE
KAFB-106225	GW225-604	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106225	GW225-604	ug/l	NS	100	78	100	FALSE
KAFB-106225	GW225-604	ug/l	NS	70	11	70	FALSE
KAFB-106225	GW225-604	ug/l	NS	80	1.7	80	FALSE
KAFB-106225	GW225-604	ug/l	20	5	110	5	FALSE
KAFB-106225	GW225-604	ug/l	620	10000	190	620	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	2000	2000	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	370	370	FALSE
KAFB-106225	GW225-604	ug/l	NS	70	36	70	FALSE
KAFB-106225	GW225-604	ug/l	NS	100	68	100	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	140	140	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106225	GW225-604	ug/l	NS	600	300	600	FALSE
KAFB-106225	GW225-604	ug/l	10	5	0.46	5	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	38	38	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	14000	14000	FALSE
KAFB-106225	GW225-604	ug/l	100	80	2.2	80	FALSE
KAFB-106225	GW225-604	ug/l	10	5	4.6	5	FALSE
KAFB-106225	GW225-604	ug/l	60	200	8000	60	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	190	190	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	8	8	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	83	83	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106225	GW225-604	ug/l	2	2	0.19	2	FALSE
KAFB-106225	GW225-604	ug/l	100	5	110	5	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	810	810	FALSE
KAFB-106225	GW225-604	ug/l	NS	80	33	80	FALSE
KAFB-106225	GW225-604	ug/l	NS	80	1.3	80	FALSE
KAFB-106225	GW225-604	ug/l	25	NS	2.8	25	FALSE
KAFB-106225	GW225-604	ug/l	5	7	280	5	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	5200	1100	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	200	200	FALSE
KAFB-106225	GW225-604	ug/l	NS	5	8.25	5	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	5600	5600	FALSE
KAFB-106225	GW225-604	ug/l	10	5	2.8	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106225	GW225-604	ug/l	100	5	4.9	5	FALSE
KAFB-106225	GW225-604	ug/l	10	NS	0.76	10	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	7	7	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	1.4	5	TRUE
KAFB-106225	GW225-604	ug/l	30	NS	1.2	30	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	240	240	FALSE
KAFB-106225	GW225-604	ug/l	NS	600	300	600	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	56	56	FALSE
KAFB-106225	GW225-604	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106225	GW225-604	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106225	GW225-604	ug/l	NS	NS	690	690	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	450	450	FALSE
KAFB-106225	GW225-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-204	mg/l	600	250	NS	250	FALSE
KAFB-106226	GW226-204	mg/l	250	250	NS	250	FALSE
KAFB-106226	GW226-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-204	mg/l	10	10	NS	10	FALSE
KAFB-106226	GW226-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-204	mg/l	1	NS	NS	1	FALSE
KAFB-106226	GW226-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106226	GW226-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106226	GW226-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106226	GW226-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106226	GW226-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106226	GW226-204	ug/l	750	700	15	700	FALSE
KAFB-106226	GW226-204	ug/l	NS	100	1200	100	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	660	660	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	250	250	FALSE
KAFB-106226	GW226-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106226	GW226-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106226	GW226-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106226	GW226-204	ug/l	10	5	1.7	5	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106226	GW226-204	ug/l	NS	NS	410	410	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	60	120	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	62	62	FALSE
KAFB-106226	GW226-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106226	GW226-204	ug/l	NS	100	78	100	FALSE
KAFB-106226	GW226-204	ug/l	NS	70	11	70	FALSE
KAFB-106226	GW226-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106226	GW226-204	ug/l	20	5	110	5	FALSE
KAFB-106226	GW226-204	ug/l	620	10000	190	620	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	370	370	FALSE
KAFB-106226	GW226-204	ug/l	NS	70	36	70	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106226	GW226-204	ug/l	NS	100	68	100	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	140	140	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106226	GW226-204	ug/l	NS	600	300	600	FALSE
KAFB-106226	GW226-204	ug/l	10	5	0.46	5	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	38	38	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106226	GW226-204	ug/l	100	80	2.2	80	FALSE
KAFB-106226	GW226-204	ug/l	10	5	4.6	5	FALSE
KAFB-106226	GW226-204	ug/l	60	200	8000	60	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	190	190	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	8	8	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	83	83	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106226	GW226-204	ug/l	2	2	0.19	2	FALSE
KAFB-106226	GW226-204	ug/l	100	5	110	5	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	810	810	FALSE
KAFB-106226	GW226-204	ug/l	NS	80	33	80	FALSE
KAFB-106226	GW226-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106226	GW226-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106226	GW226-204	ug/l	5	7	280	5	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	200	200	FALSE
KAFB-106226	GW226-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106226	GW226-204	ug/l	10	5	2.8	5	FALSE
KAFB-106226	GW226-204	ug/l	100	5	4.9	5	FALSE
KAFB-106226	GW226-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	7	7	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106226	GW226-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	240	240	FALSE
KAFB-106226	GW226-204	ug/l	NS	600	300	600	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	56	56	FALSE
KAFB-106226	GW226-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106226	GW226-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106226	GW226-204	ug/l	NS	NS	690	690	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	450	450	FALSE
KAFB-106226	GW226-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-204	mg/l	600	250	NS	250	FALSE
KAFB-106227	GW227-204	mg/l	250	250	NS	250	FALSE
KAFB-106227	GW227-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-204	mg/l	10	10	NS	10	FALSE
KAFB-106227	GW227-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-204	mg/l	1	NS	NS	1	FALSE
KAFB-106227	GW227-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106227	GW227-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106227	GW227-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106227	GW227-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106227	GW227-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106227	GW227-204	ug/l	750	700	15	700	FALSE
KAFB-106227	GW227-204	ug/l	NS	100	1200	100	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	660	660	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	250	250	FALSE
KAFB-106227	GW227-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106227	GW227-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106227	GW227-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106227	GW227-204	ug/l	10	5	1.7	5	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106227	GW227-204	ug/l	NS	NS	410	410	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	60	120	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	62	62	FALSE
KAFB-106227	GW227-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106227	GW227-204	ug/l	NS	100	78	100	FALSE
KAFB-106227	GW227-204	ug/l	NS	70	11	70	FALSE
KAFB-106227	GW227-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106227	GW227-204	ug/l	20	5	110	5	FALSE
KAFB-106227	GW227-204	ug/l	620	10000	190	620	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	370	370	FALSE
KAFB-106227	GW227-204	ug/l	NS	70	36	70	FALSE
KAFB-106227	GW227-204	ug/l	NS	100	68	100	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	140	140	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106227	GW227-204	ug/l	NS	600	300	600	FALSE
KAFB-106227	GW227-204	ug/l	10	5	0.46	5	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	38	38	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106227	GW227-204	ug/l	100	80	2.2	80	FALSE
KAFB-106227	GW227-204	ug/l	10	5	4.6	5	FALSE
KAFB-106227	GW227-204	ug/l	60	200	8000	60	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	190	190	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	8	8	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	83	83	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106227	GW227-204	ug/l	2	2	0.19	2	FALSE
KAFB-106227	GW227-204	ug/l	100	5	110	5	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	810	810	FALSE
KAFB-106227	GW227-204	ug/l	NS	80	33	80	FALSE
KAFB-106227	GW227-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106227	GW227-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106227	GW227-204	ug/l	5	7	280	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106227	GW227-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	200	200	FALSE
KAFB-106227	GW227-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106227	GW227-204	ug/l	10	5	2.8	5	FALSE
KAFB-106227	GW227-204	ug/l	100	5	4.9	5	FALSE
KAFB-106227	GW227-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	7	7	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106227	GW227-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	240	240	FALSE
KAFB-106227	GW227-204	ug/l	NS	600	300	600	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	56	56	FALSE
KAFB-106227	GW227-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106227	GW227-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106227	GW227-204	ug/l	NS	NS	690	690	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	450	450	FALSE
KAFB-106227	GW227-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-204	mg/l	600	250	NS	250	FALSE
KAFB-106032	GW032-204	mg/l	250	250	NS	250	FALSE
KAFB-106032	GW032-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-204	mg/l	10	10	NS	10	FALSE
KAFB-106032	GW032-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-204	mg/l	1	NS	NS	1	FALSE
KAFB-106032	GW032-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106032	GW032-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106032	GW032-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106032	GW032-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106032	GW032-204	ug/l	750	700	15	700	FALSE
KAFB-106032	GW032-204	ug/l	NS	100	1200	100	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	660	660	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	250	250	FALSE
KAFB-106032	GW032-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106032	GW032-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106032	GW032-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106032	GW032-204	ug/l	10	5	1.7	5	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106032	GW032-204	ug/l	NS	NS	410	410	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	60	120	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	62	62	FALSE
KAFB-106032	GW032-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106032	GW032-204	ug/l	NS	100	78	100	FALSE
KAFB-106032	GW032-204	ug/l	NS	70	11	70	FALSE
KAFB-106032	GW032-204	ug/l	NS	80	1.7	80	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106032	GW032-204	ug/l	20	5	110	5	FALSE
KAFB-106032	GW032-204	ug/l	620	10000	190	620	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	370	370	FALSE
KAFB-106032	GW032-204	ug/l	NS	70	36	70	FALSE
KAFB-106032	GW032-204	ug/l	NS	100	68	100	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	140	140	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106032	GW032-204	ug/l	NS	600	300	600	FALSE
KAFB-106032	GW032-204	ug/l	10	5	0.46	5	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	38	38	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106032	GW032-204	ug/l	100	80	2.2	80	FALSE
KAFB-106032	GW032-204	ug/l	10	5	4.6	5	FALSE
KAFB-106032	GW032-204	ug/l	60	200	8000	60	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	190	190	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	8	8	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	83	83	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106032	GW032-204	ug/l	2	2	0.19	2	FALSE
KAFB-106032	GW032-204	ug/l	100	5	110	5	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	810	810	FALSE
KAFB-106032	GW032-204	ug/l	NS	80	33	80	FALSE
KAFB-106032	GW032-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106032	GW032-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106032	GW032-204	ug/l	5	7	280	5	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	200	200	FALSE
KAFB-106032	GW032-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106032	GW032-204	ug/l	10	5	2.8	5	FALSE
KAFB-106032	GW032-204	ug/l	100	5	4.9	5	FALSE
KAFB-106032	GW032-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	7	7	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106032	GW032-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	240	240	FALSE
KAFB-106032	GW032-204	ug/l	NS	600	300	600	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	56	56	FALSE
KAFB-106032	GW032-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106032	GW032-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106032	GW032-204	ug/l	NS	NS	690	690	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	450	450	FALSE
KAFB-106032	GW032-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-204	mg/l	600	250	NS	250	FALSE
KAFB-106033	GW033-204	mg/l	250	250	NS	250	FALSE
KAFB-106033	GW033-204	mg/l	10	10	NS	10	FALSE
KAFB-106033	GW033-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106033	GW033-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-204	mg/l	1	NS	NS	1	FALSE
KAFB-106033	GW033-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106033	GW033-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106033	GW033-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106033	GW033-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106033	GW033-204	ug/l	750	700	15	700	FALSE
KAFB-106033	GW033-204	ug/l	NS	100	1200	100	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	660	660	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	250	250	FALSE
KAFB-106033	GW033-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106033	GW033-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106033	GW033-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106033	GW033-204	ug/l	10	5	1.7	5	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106033	GW033-204	ug/l	NS	NS	410	410	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	60	120	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	62	62	FALSE
KAFB-106033	GW033-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106033	GW033-204	ug/l	NS	100	78	100	FALSE
KAFB-106033	GW033-204	ug/l	NS	70	11	70	FALSE
KAFB-106033	GW033-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106033	GW033-204	ug/l	20	5	110	5	FALSE
KAFB-106033	GW033-204	ug/l	620	10000	190	620	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	370	370	FALSE
KAFB-106033	GW033-204	ug/l	NS	70	36	70	FALSE
KAFB-106033	GW033-204	ug/l	NS	100	68	100	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	140	140	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106033	GW033-204	ug/l	NS	600	300	600	FALSE
KAFB-106033	GW033-204	ug/l	10	5	0.46	5	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	38	38	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106033	GW033-204	ug/l	100	80	2.2	80	FALSE
KAFB-106033	GW033-204	ug/l	10	5	4.6	5	FALSE
KAFB-106033	GW033-204	ug/l	60	200	8000	60	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	190	190	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	8	8	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	83	83	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106033	GW033-204	ug/l	2	2	0.19	2	FALSE
KAFB-106033	GW033-204	ug/l	100	5	110	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106033	GW033-204	ug/l	NS	NS	810	810	FALSE
KAFB-106033	GW033-204	ug/l	NS	80	33	80	FALSE
KAFB-106033	GW033-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106033	GW033-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106033	GW033-204	ug/l	5	7	280	5	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	200	200	FALSE
KAFB-106033	GW033-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106033	GW033-204	ug/l	10	5	2.8	5	FALSE
KAFB-106033	GW033-204	ug/l	100	5	4.9	5	FALSE
KAFB-106033	GW033-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	7	7	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106033	GW033-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	240	240	FALSE
KAFB-106033	GW033-204	ug/l	NS	600	300	600	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	56	56	FALSE
KAFB-106033	GW033-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106033	GW033-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106033	GW033-204	ug/l	NS	NS	690	690	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	450	450	FALSE
KAFB-106033	GW033-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-204	mg/l	600	250	NS	250	FALSE
KAFB-106034	GW034-204	mg/l	250	250	NS	250	FALSE
KAFB-106034	GW034-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-204	mg/l	10	10	NS	10	FALSE
KAFB-106034	GW034-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-204	mg/l	1	NS	NS	1	FALSE
KAFB-106034	GW034-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106034	GW034-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106034	GW034-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106034	GW034-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106034	GW034-204	ug/l	750	700	15	700	FALSE
KAFB-106034	GW034-204	ug/l	NS	100	1200	100	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	660	660	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	250	250	FALSE
KAFB-106034	GW034-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106034	GW034-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106034	GW034-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106034	GW034-204	ug/l	10	5	1.7	5	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106034	GW034-204	ug/l	NS	NS	410	410	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	60	120	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106034	GW034-204	ug/l	NS	NS	62	62	FALSE
KAFB-106034	GW034-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106034	GW034-204	ug/l	NS	100	78	100	FALSE
KAFB-106034	GW034-204	ug/l	NS	70	11	70	FALSE
KAFB-106034	GW034-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106034	GW034-204	ug/l	20	5	110	5	FALSE
KAFB-106034	GW034-204	ug/l	620	10000	190	620	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	370	370	FALSE
KAFB-106034	GW034-204	ug/l	NS	70	36	70	FALSE
KAFB-106034	GW034-204	ug/l	NS	100	68	100	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	140	140	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106034	GW034-204	ug/l	NS	600	300	600	FALSE
KAFB-106034	GW034-204	ug/l	10	5	0.46	5	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	38	38	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106034	GW034-204	ug/l	100	80	2.2	80	FALSE
KAFB-106034	GW034-204	ug/l	10	5	4.6	5	FALSE
KAFB-106034	GW034-204	ug/l	60	200	8000	60	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	190	190	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	8	8	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	83	83	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	83	83	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106034	GW034-204	ug/l	2	2	0.19	2	FALSE
KAFB-106034	GW034-204	ug/l	100	5	110	5	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	810	810	FALSE
KAFB-106034	GW034-204	ug/l	NS	80	33	80	FALSE
KAFB-106034	GW034-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106034	GW034-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106034	GW034-204	ug/l	5	7	280	5	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	200	200	FALSE
KAFB-106034	GW034-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106034	GW034-204	ug/l	10	5	2.8	5	FALSE
KAFB-106034	GW034-204	ug/l	100	5	4.9	5	FALSE
KAFB-106034	GW034-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	7	7	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106034	GW034-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	240	240	FALSE
KAFB-106034	GW034-204	ug/l	NS	600	300	600	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	56	56	FALSE
KAFB-106034	GW034-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106034	GW034-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106034	GW034-204	ug/l	NS	NS	690	690	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	450	450	FALSE
KAFB-106034	GW034-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-204	mg/l	600	250	NS	250	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106019	GW019-204	mg/l	250	250	NS	250	FALSE
KAFB-106019	GW019-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-204	mg/l	10	10	NS	10	FALSE
KAFB-106019	GW019-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-204	mg/l	1	NS	NS	1	FALSE
KAFB-106019	GW019-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106019	GW019-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106019	GW019-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106019	GW019-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106019	GW019-204	ug/l	750	700	15	700	FALSE
KAFB-106019	GW019-204	ug/l	NS	100	1200	100	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	660	660	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	250	250	FALSE
KAFB-106019	GW019-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106019	GW019-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106019	GW019-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106019	GW019-204	ug/l	10	5	1.7	5	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106019	GW019-204	ug/l	NS	NS	410	410	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	60	120	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	62	62	FALSE
KAFB-106019	GW019-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106019	GW019-204	ug/l	NS	100	78	100	FALSE
KAFB-106019	GW019-204	ug/l	NS	70	11	70	FALSE
KAFB-106019	GW019-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106019	GW019-204	ug/l	20	5	110	5	FALSE
KAFB-106019	GW019-204	ug/l	620	10000	190	620	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	370	370	FALSE
KAFB-106019	GW019-204	ug/l	NS	70	36	70	FALSE
KAFB-106019	GW019-204	ug/l	NS	100	68	100	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	140	140	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106019	GW019-204	ug/l	NS	600	300	600	FALSE
KAFB-106019	GW019-204	ug/l	10	5	0.46	5	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	38	38	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106019	GW019-204	ug/l	100	80	2.2	80	FALSE
KAFB-106019	GW019-204	ug/l	10	5	4.6	5	FALSE
KAFB-106019	GW019-204	ug/l	60	200	8000	60	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	190	190	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106019	GW019-204	ug/l	NS	NS	8	8	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	83	83	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106019	GW019-204	ug/l	2	2	0.19	2	FALSE
KAFB-106019	GW019-204	ug/l	100	5	110	5	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	810	810	FALSE
KAFB-106019	GW019-204	ug/l	NS	80	33	80	FALSE
KAFB-106019	GW019-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106019	GW019-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106019	GW019-204	ug/l	5	7	280	5	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	200	200	FALSE
KAFB-106019	GW019-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106019	GW019-204	ug/l	10	5	2.8	5	FALSE
KAFB-106019	GW019-204	ug/l	100	5	4.9	5	FALSE
KAFB-106019	GW019-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	7	7	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106019	GW019-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	240	240	FALSE
KAFB-106019	GW019-204	ug/l	NS	600	300	600	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	56	56	FALSE
KAFB-106019	GW019-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106019	GW019-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106019	GW019-204	ug/l	NS	NS	690	690	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	450	450	FALSE
KAFB-106019	GW019-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-204	mg/l	600	250	NS	250	FALSE
KAFB-106041	GW041-204	mg/l	250	250	NS	250	FALSE
KAFB-106041	GW041-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-204	mg/l	10	10	NS	10	FALSE
KAFB-106041	GW041-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-204	mg/l	1	NS	NS	1	FALSE
KAFB-106041	GW041-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106041	GW041-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106041	GW041-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106041	GW041-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106041	GW041-204	ug/l	750	700	15	700	FALSE
KAFB-106041	GW041-204	ug/l	NS	100	1200	100	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	660	660	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	250	250	FALSE
KAFB-106041	GW041-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106041	GW041-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106041	GW041-204	ug/l	NS	NS	0.042	100	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106041	GW041-204	ug/l	10	5	1.7	5	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106041	GW041-204	ug/l	NS	NS	410	410	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	60	120	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	62	62	FALSE
KAFB-106041	GW041-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106041	GW041-204	ug/l	NS	100	78	100	FALSE
KAFB-106041	GW041-204	ug/l	NS	70	11	70	FALSE
KAFB-106041	GW041-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106041	GW041-204	ug/l	20	5	110	5	FALSE
KAFB-106041	GW041-204	ug/l	620	10000	190	620	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	370	370	FALSE
KAFB-106041	GW041-204	ug/l	NS	70	36	70	FALSE
KAFB-106041	GW041-204	ug/l	NS	100	68	100	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	140	140	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106041	GW041-204	ug/l	NS	600	300	600	FALSE
KAFB-106041	GW041-204	ug/l	10	5	0.46	5	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	38	38	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106041	GW041-204	ug/l	100	80	2.2	80	FALSE
KAFB-106041	GW041-204	ug/l	10	5	4.6	5	FALSE
KAFB-106041	GW041-204	ug/l	60	200	8000	60	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	190	190	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	8	8	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	83	83	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106041	GW041-204	ug/l	2	2	0.19	2	FALSE
KAFB-106041	GW041-204	ug/l	100	5	110	5	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	810	810	FALSE
KAFB-106041	GW041-204	ug/l	NS	80	33	80	FALSE
KAFB-106041	GW041-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106041	GW041-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106041	GW041-204	ug/l	5	7	280	5	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	200	200	FALSE
KAFB-106041	GW041-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106041	GW041-204	ug/l	10	5	2.8	5	FALSE
KAFB-106041	GW041-204	ug/l	100	5	4.9	5	FALSE
KAFB-106041	GW041-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	7	7	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106041	GW041-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	240	240	FALSE
KAFB-106041	GW041-204	ug/l	NS	600	300	600	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	56	56	FALSE
KAFB-106041	GW041-204	ug/l	NS	0.2	0.0033	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106041	GW041-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106041	GW041-204	ug/l	NS	NS	690	690	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	450	450	FALSE
KAFB-106041	GW041-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-204	mg/l	600	250	NS	250	FALSE
KAFB-106042	GW042-204	mg/l	250	250	NS	250	FALSE
KAFB-106042	GW042-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-204	mg/l	10	10	NS	10	FALSE
KAFB-106042	GW042-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-204	mg/l	1	NS	NS	1	FALSE
KAFB-106042	GW042-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106042	GW042-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106042	GW042-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106042	GW042-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106042	GW042-204	ug/l	750	700	15	700	FALSE
KAFB-106042	GW042-204	ug/l	NS	100	1200	100	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	660	660	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	250	250	FALSE
KAFB-106042	GW042-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106042	GW042-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106042	GW042-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106042	GW042-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106042	GW042-204	ug/l	10	5	1.7	5	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106042	GW042-204	ug/l	NS	NS	410	410	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	60	120	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	62	62	FALSE
KAFB-106042	GW042-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106042	GW042-204	ug/l	NS	100	78	100	FALSE
KAFB-106042	GW042-204	ug/l	NS	70	11	70	FALSE
KAFB-106042	GW042-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106042	GW042-204	ug/l	20	5	110	5	FALSE
KAFB-106042	GW042-204	ug/l	620	10000	190	620	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	370	370	FALSE
KAFB-106042	GW042-204	ug/l	NS	70	36	70	FALSE
KAFB-106042	GW042-204	ug/l	NS	100	68	100	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	140	140	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106042	GW042-204	ug/l	NS	600	300	600	FALSE
KAFB-106042	GW042-204	ug/l	10	5	0.46	5	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	38	38	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	14000	14000	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106042	GW042-204	ug/l	100	80	2.2	80	FALSE
KAFB-106042	GW042-204	ug/l	10	5	4.6	5	FALSE
KAFB-106042	GW042-204	ug/l	60	200	8000	60	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	190	190	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	8	8	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	83	83	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106042	GW042-204	ug/l	2	2	0.19	2	FALSE
KAFB-106042	GW042-204	ug/l	100	5	110	5	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	810	810	FALSE
KAFB-106042	GW042-204	ug/l	NS	80	33	80	FALSE
KAFB-106042	GW042-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106042	GW042-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106042	GW042-204	ug/l	5	7	280	5	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	200	200	FALSE
KAFB-106042	GW042-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106042	GW042-204	ug/l	10	5	2.8	5	FALSE
KAFB-106042	GW042-204	ug/l	100	5	4.9	5	FALSE
KAFB-106042	GW042-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	7	7	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106042	GW042-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	240	240	FALSE
KAFB-106042	GW042-204	ug/l	NS	600	300	600	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	56	56	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	0.0033	5	TRUE
KAFB-106042	GW042-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106042	GW042-204	ug/l	NS	NS	690	690	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	450	450	FALSE
KAFB-106042	GW042-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-204	mg/l	600	250	NS	250	FALSE
KAFB-106106	GW106-204	mg/l	250	250	NS	250	FALSE
KAFB-106106	GW106-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-204	mg/l	10	10	NS	10	FALSE
KAFB-106106	GW106-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-204	mg/l	1	NS	NS	1	FALSE
KAFB-106106	GW106-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106106	GW106-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106106	GW106-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106106	GW106-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106106	GW106-204	ug/l	750	700	15	700	FALSE
KAFB-106106	GW106-204	ug/l	NS	100	1200	100	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	660	660	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106106	GW106-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	250	250	FALSE
KAFB-106106	GW106-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106106	GW106-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106106	GW106-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106106	GW106-204	ug/l	10	5	1.7	5	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106106	GW106-204	ug/l	NS	NS	410	410	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	60	120	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	62	62	FALSE
KAFB-106106	GW106-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106106	GW106-204	ug/l	NS	100	78	100	FALSE
KAFB-106106	GW106-204	ug/l	NS	70	11	70	FALSE
KAFB-106106	GW106-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106106	GW106-204	ug/l	20	5	110	5	FALSE
KAFB-106106	GW106-204	ug/l	620	10000	190	620	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	370	370	FALSE
KAFB-106106	GW106-204	ug/l	NS	70	36	70	FALSE
KAFB-106106	GW106-204	ug/l	NS	100	68	100	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	140	140	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106106	GW106-204	ug/l	NS	600	300	600	FALSE
KAFB-106106	GW106-204	ug/l	10	5	0.46	5	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	38	38	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106106	GW106-204	ug/l	100	80	2.2	80	FALSE
KAFB-106106	GW106-204	ug/l	10	5	4.6	5	FALSE
KAFB-106106	GW106-204	ug/l	60	200	8000	60	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	190	190	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	8	8	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	83	83	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106106	GW106-204	ug/l	2	2	0.19	2	FALSE
KAFB-106106	GW106-204	ug/l	100	5	110	5	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	810	810	FALSE
KAFB-106106	GW106-204	ug/l	NS	80	33	80	FALSE
KAFB-106106	GW106-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106106	GW106-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106106	GW106-204	ug/l	5	7	280	5	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	200	200	FALSE
KAFB-106106	GW106-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106106	GW106-204	ug/l	10	5	2.8	5	FALSE
KAFB-106106	GW106-204	ug/l	100	5	4.9	5	FALSE
KAFB-106106	GW106-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	7	7	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106106	GW106-204	ug/l	30	NS	1.2	30	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106106	GW106-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	240	240	FALSE
KAFB-106106	GW106-204	ug/l	NS	600	300	600	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	56	56	FALSE
KAFB-106106	GW106-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106106	GW106-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106106	GW106-204	ug/l	NS	NS	690	690	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	450	450	FALSE
KAFB-106106	GW106-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-604	mg/l	600	250	NS	250	FALSE
KAFB-106106	GW106-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-604	mg/l	250	250	NS	250	FALSE
KAFB-106106	GW106-604	mg/l	10	10	NS	10	FALSE
KAFB-106106	GW106-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-604	mg/l	1	NS	NS	1	FALSE
KAFB-106106	GW106-604	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106106	GW106-604	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106106	GW106-604	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106106	GW106-604	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106106	GW106-604	ug/l	750	700	15	700	FALSE
KAFB-106106	GW106-604	ug/l	NS	100	1200	100	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	660	660	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	1000	1000	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	250	250	FALSE
KAFB-106106	GW106-604	ug/l	NS	75	4.8	75	FALSE
KAFB-106106	GW106-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106106	GW106-604	ug/l	NS	NS	0.042	100	TRUE
KAFB-106106	GW106-604	ug/l	10	5	1.7	5	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	0.52	20	TRUE
KAFB-106106	GW106-604	ug/l	NS	NS	410	410	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	6300	1200	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	60	120	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	62	62	FALSE
KAFB-106106	GW106-604	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106106	GW106-604	ug/l	NS	100	78	100	FALSE
KAFB-106106	GW106-604	ug/l	NS	70	11	70	FALSE
KAFB-106106	GW106-604	ug/l	NS	80	1.7	80	FALSE
KAFB-106106	GW106-604	ug/l	20	5	110	5	FALSE
KAFB-106106	GW106-604	ug/l	620	10000	190	620	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	2000	2000	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	370	370	FALSE
KAFB-106106	GW106-604	ug/l	NS	70	36	70	FALSE
KAFB-106106	GW106-604	ug/l	NS	100	68	100	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	140	140	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106106	GW106-604	ug/l	NS	600	300	600	FALSE
KAFB-106106	GW106-604	ug/l	10	5	0.46	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106106	GW106-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	38	38	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	14000	14000	FALSE
KAFB-106106	GW106-604	ug/l	100	80	2.2	80	FALSE
KAFB-106106	GW106-604	ug/l	10	5	4.6	5	FALSE
KAFB-106106	GW106-604	ug/l	60	200	8000	60	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	190	190	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	8	8	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	83	83	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106106	GW106-604	ug/l	2	2	0.19	2	FALSE
KAFB-106106	GW106-604	ug/l	100	5	110	5	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	810	810	FALSE
KAFB-106106	GW106-604	ug/l	NS	80	33	80	FALSE
KAFB-106106	GW106-604	ug/l	NS	80	1.3	80	FALSE
KAFB-106106	GW106-604	ug/l	25	NS	2.8	25	FALSE
KAFB-106106	GW106-604	ug/l	5	7	280	5	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	5200	1100	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	200	200	FALSE
KAFB-106106	GW106-604	ug/l	NS	5	8.25	5	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	5600	5600	FALSE
KAFB-106106	GW106-604	ug/l	10	5	2.8	5	FALSE
KAFB-106106	GW106-604	ug/l	100	5	4.9	5	FALSE
KAFB-106106	GW106-604	ug/l	10	NS	0.76	10	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	7	7	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	1.4	5	TRUE
KAFB-106106	GW106-604	ug/l	30	NS	1.2	30	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	240	240	FALSE
KAFB-106106	GW106-604	ug/l	NS	600	300	600	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	56	56	FALSE
KAFB-106106	GW106-604	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106106	GW106-604	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106106	GW106-604	ug/l	NS	NS	690	690	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	450	450	FALSE
KAFB-106106	GW106-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-204	mg/l	600	250	NS	250	FALSE
KAFB-106058	GW058-204	mg/l	250	250	NS	250	FALSE
KAFB-106058	GW058-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-204	mg/l	10	10	NS	10	FALSE
KAFB-106058	GW058-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-204	mg/l	1	NS	NS	1	FALSE
KAFB-106058	GW058-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106058	GW058-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106058	GW058-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106058	GW058-204	ug/l	0.05	0.05	0.075	0.05	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106058	GW058-204	ug/l	750	700	15	700	FALSE
KAFB-106058	GW058-204	ug/l	NS	100	1200	100	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	660	660	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	250	250	FALSE
KAFB-106058	GW058-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106058	GW058-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106058	GW058-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106058	GW058-204	ug/l	10	5	1.7	5	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106058	GW058-204	ug/l	NS	NS	410	410	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	60	120	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	62	62	FALSE
KAFB-106058	GW058-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106058	GW058-204	ug/l	NS	100	78	100	FALSE
KAFB-106058	GW058-204	ug/l	NS	70	11	70	FALSE
KAFB-106058	GW058-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106058	GW058-204	ug/l	20	5	110	5	FALSE
KAFB-106058	GW058-204	ug/l	620	10000	190	620	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	370	370	FALSE
KAFB-106058	GW058-204	ug/l	NS	70	36	70	FALSE
KAFB-106058	GW058-204	ug/l	NS	100	68	100	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	140	140	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106058	GW058-204	ug/l	NS	600	300	600	FALSE
KAFB-106058	GW058-204	ug/l	10	5	0.46	5	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	38	38	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106058	GW058-204	ug/l	100	80	2.2	80	FALSE
KAFB-106058	GW058-204	ug/l	10	5	4.6	5	FALSE
KAFB-106058	GW058-204	ug/l	60	200	8000	60	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	190	190	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	8	8	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	83	83	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106058	GW058-204	ug/l	2	2	0.19	2	FALSE
KAFB-106058	GW058-204	ug/l	100	5	110	5	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	810	810	FALSE
KAFB-106058	GW058-204	ug/l	NS	80	33	80	FALSE
KAFB-106058	GW058-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106058	GW058-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106058	GW058-204	ug/l	5	7	280	5	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	200	200	FALSE
KAFB-106058	GW058-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106058	GW058-204	ug/l	10	5	2.8	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106058	GW058-204	ug/l	100	5	4.9	5	FALSE
KAFB-106058	GW058-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	7	7	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106058	GW058-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	240	240	FALSE
KAFB-106058	GW058-204	ug/l	NS	600	300	600	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	56	56	FALSE
KAFB-106058	GW058-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106058	GW058-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106058	GW058-204	ug/l	NS	NS	690	690	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	450	450	FALSE
KAFB-106058	GW058-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-204	mg/l	600	250	NS	250	FALSE
KAFB-106045	GW045-204	mg/l	250	250	NS	250	FALSE
KAFB-106045	GW045-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-204	mg/l	10	10	NS	10	FALSE
KAFB-106045	GW045-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-204	mg/l	1	NS	NS	1	FALSE
KAFB-106045	GW045-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106045	GW045-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106045	GW045-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106045	GW045-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106045	GW045-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106045	GW045-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106045	GW045-204	ug/l	750	700	15	700	FALSE
KAFB-106045	GW045-204	ug/l	NS	100	1200	100	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	660	660	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	250	250	FALSE
KAFB-106045	GW045-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106045	GW045-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106045	GW045-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106045	GW045-204	ug/l	10	5	1.7	5	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106045	GW045-204	ug/l	NS	NS	410	410	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	60	120	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	62	62	FALSE
KAFB-106045	GW045-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106045	GW045-204	ug/l	NS	100	78	100	FALSE
KAFB-106045	GW045-204	ug/l	NS	70	11	70	FALSE
KAFB-106045	GW045-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106045	GW045-204	ug/l	20	5	110	5	FALSE
KAFB-106045	GW045-204	ug/l	620	10000	190	620	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	370	370	FALSE
KAFB-106045	GW045-204	ug/l	NS	70	36	70	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106045	GW045-204	ug/l	NS	100	68	100	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	140	140	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106045	GW045-204	ug/l	NS	600	300	600	FALSE
KAFB-106045	GW045-204	ug/l	10	5	0.46	5	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	38	38	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106045	GW045-204	ug/l	100	80	2.2	80	FALSE
KAFB-106045	GW045-204	ug/l	10	5	4.6	5	FALSE
KAFB-106045	GW045-204	ug/l	60	200	8000	60	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	190	190	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	8	8	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	83	83	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106045	GW045-204	ug/l	2	2	0.19	2	FALSE
KAFB-106045	GW045-204	ug/l	100	5	110	5	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	810	810	FALSE
KAFB-106045	GW045-204	ug/l	NS	80	33	80	FALSE
KAFB-106045	GW045-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106045	GW045-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106045	GW045-204	ug/l	5	7	280	5	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	200	200	FALSE
KAFB-106045	GW045-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106045	GW045-204	ug/l	10	5	2.8	5	FALSE
KAFB-106045	GW045-204	ug/l	100	5	4.9	5	FALSE
KAFB-106045	GW045-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	7	7	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106045	GW045-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	240	240	FALSE
KAFB-106045	GW045-204	ug/l	NS	600	300	600	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	56	56	FALSE
KAFB-106045	GW045-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106045	GW045-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106045	GW045-204	ug/l	NS	NS	690	690	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	450	450	FALSE
KAFB-106045	GW045-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-204	mg/l	600	250	NS	250	FALSE
KAFB-106055	GW055-204	mg/l	250	250	NS	250	FALSE
KAFB-106055	GW055-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-204	mg/l	10	10	NS	10	FALSE
KAFB-106055	GW055-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-204	mg/l	1	NS	NS	1	FALSE
KAFB-106055	GW055-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106055	GW055-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106055	GW055-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106055	GW055-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106055	GW055-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106055	GW055-204	ug/l	750	700	15	700	FALSE
KAFB-106055	GW055-204	ug/l	NS	100	1200	100	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	660	660	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	250	250	FALSE
KAFB-106055	GW055-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106055	GW055-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106055	GW055-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106055	GW055-204	ug/l	10	5	1.7	5	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106055	GW055-204	ug/l	NS	NS	410	410	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	60	120	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	62	62	FALSE
KAFB-106055	GW055-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106055	GW055-204	ug/l	NS	100	78	100	FALSE
KAFB-106055	GW055-204	ug/l	NS	70	11	70	FALSE
KAFB-106055	GW055-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106055	GW055-204	ug/l	20	5	110	5	FALSE
KAFB-106055	GW055-204	ug/l	620	10000	190	620	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	370	370	FALSE
KAFB-106055	GW055-204	ug/l	NS	70	36	70	FALSE
KAFB-106055	GW055-204	ug/l	NS	100	68	100	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	140	140	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106055	GW055-204	ug/l	NS	600	300	600	FALSE
KAFB-106055	GW055-204	ug/l	10	5	0.46	5	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	38	38	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106055	GW055-204	ug/l	100	80	2.2	80	FALSE
KAFB-106055	GW055-204	ug/l	10	5	4.6	5	FALSE
KAFB-106055	GW055-204	ug/l	60	200	8000	60	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	190	190	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	8	8	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	83	83	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106055	GW055-204	ug/l	2	2	0.19	2	FALSE
KAFB-106055	GW055-204	ug/l	100	5	110	5	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	810	810	FALSE
KAFB-106055	GW055-204	ug/l	NS	80	33	80	FALSE
KAFB-106055	GW055-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106055	GW055-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106055	GW055-204	ug/l	5	7	280	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106055	GW055-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	200	200	FALSE
KAFB-106055	GW055-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106055	GW055-204	ug/l	10	5	2.8	5	FALSE
KAFB-106055	GW055-204	ug/l	100	5	4.9	5	FALSE
KAFB-106055	GW055-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	7	7	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106055	GW055-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	240	240	FALSE
KAFB-106055	GW055-204	ug/l	NS	600	300	600	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	56	56	FALSE
KAFB-106055	GW055-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106055	GW055-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106055	GW055-204	ug/l	NS	NS	690	690	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	450	450	FALSE
KAFB-106055	GW055-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106057	GW057-204	mg/l	600	250	NS	250	FALSE
KAFB-106057	GW057-204	mg/l	250	250	NS	250	FALSE
KAFB-106057	GW057-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106057	GW057-204	mg/l	10	10	NS	10	FALSE
KAFB-106057	GW057-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106057	GW057-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106057	GW057-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106057	GW057-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106057	GW057-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106057	GW057-204	mg/l	1	NS	NS	1	FALSE
KAFB-106057	GW057-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106057	GW057-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106057	GW057-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106057	GW057-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106057	GW057-204	ug/l	750	700	15	700	FALSE
KAFB-106057	GW057-204	ug/l	NS	100	1200	100	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	660	660	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	250	250	FALSE
KAFB-106057	GW057-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106057	GW057-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106057	GW057-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106057	GW057-204	ug/l	10	5	1.7	5	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106057	GW057-204	ug/l	NS	NS	410	410	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	60	120	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	62	62	FALSE
KAFB-106057	GW057-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106057	GW057-204	ug/l	NS	100	78	100	FALSE
KAFB-106057	GW057-204	ug/l	NS	70	11	70	FALSE
KAFB-106057	GW057-204	ug/l	NS	80	1.7	80	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106057	GW057-204	ug/l	20	5	110	5	FALSE
KAFB-106057	GW057-204	ug/l	620	10000	190	620	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	370	370	FALSE
KAFB-106057	GW057-204	ug/l	NS	70	36	70	FALSE
KAFB-106057	GW057-204	ug/l	NS	100	68	100	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	140	140	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106057	GW057-204	ug/l	NS	600	300	600	FALSE
KAFB-106057	GW057-204	ug/l	10	5	0.46	5	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	38	38	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106057	GW057-204	ug/l	100	80	2.2	80	FALSE
KAFB-106057	GW057-204	ug/l	10	5	4.6	5	FALSE
KAFB-106057	GW057-204	ug/l	60	200	8000	60	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	190	190	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	8	8	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	83	83	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106057	GW057-204	ug/l	2	2	0.19	2	FALSE
KAFB-106057	GW057-204	ug/l	100	5	110	5	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	810	810	FALSE
KAFB-106057	GW057-204	ug/l	NS	80	33	80	FALSE
KAFB-106057	GW057-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106057	GW057-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106057	GW057-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106057	GW057-204	ug/l	5	7	280	5	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	200	200	FALSE
KAFB-106057	GW057-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106057	GW057-204	ug/l	10	5	2.8	5	FALSE
KAFB-106057	GW057-204	ug/l	100	5	4.9	5	FALSE
KAFB-106057	GW057-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	7	7	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106057	GW057-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	240	240	FALSE
KAFB-106057	GW057-204	ug/l	NS	600	300	600	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	56	56	FALSE
KAFB-106057	GW057-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106057	GW057-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106057	GW057-204	ug/l	NS	NS	690	690	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	450	450	FALSE
KAFB-106057	GW057-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106093	GW093-204	mg/l	600	250	NS	250	FALSE
KAFB-106093	GW093-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106093	GW093-204	mg/l	250	250	NS	250	FALSE
KAFB-106093	GW093-204	mg/l	10	10	NS	10	FALSE
KAFB-106093	GW093-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106093	GW093-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106093	GW093-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106093	GW093-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106093	GW093-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106093	GW093-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106093	GW093-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106093	GW093-204	mg/l	1	NS	NS	1	FALSE
KAFB-106093	GW093-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106093	GW093-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106093	GW093-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106093	GW093-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106093	GW093-204	ug/l	750	700	15	700	FALSE
KAFB-106093	GW093-204	ug/l	NS	100	1200	100	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	660	660	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	250	250	FALSE
KAFB-106093	GW093-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106093	GW093-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106093	GW093-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106093	GW093-204	ug/l	10	5	1.7	5	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106093	GW093-204	ug/l	NS	NS	410	410	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	60	120	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	62	62	FALSE
KAFB-106093	GW093-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106093	GW093-204	ug/l	NS	100	78	100	FALSE
KAFB-106093	GW093-204	ug/l	NS	70	11	70	FALSE
KAFB-106093	GW093-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106093	GW093-204	ug/l	20	5	110	5	FALSE
KAFB-106093	GW093-204	ug/l	620	10000	190	620	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	370	370	FALSE
KAFB-106093	GW093-204	ug/l	NS	70	36	70	FALSE
KAFB-106093	GW093-204	ug/l	NS	100	68	100	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	140	140	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106093	GW093-204	ug/l	NS	600	300	600	FALSE
KAFB-106093	GW093-204	ug/l	10	5	0.46	5	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	38	38	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106093	GW093-204	ug/l	100	80	2.2	80	FALSE
KAFB-106093	GW093-204	ug/l	10	5	4.6	5	FALSE
KAFB-106093	GW093-204	ug/l	60	200	8000	60	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	190	190	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	8	8	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	83	83	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106093	GW093-204	ug/l	2	2	0.19	2	FALSE
KAFB-106093	GW093-204	ug/l	100	5	110	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106093	GW093-204	ug/l	NS	NS	810	810	FALSE
KAFB-106093	GW093-204	ug/l	NS	80	33	80	FALSE
KAFB-106093	GW093-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106093	GW093-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106093	GW093-204	ug/l	5	7	280	5	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	200	200	FALSE
KAFB-106093	GW093-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106093	GW093-204	ug/l	10	5	2.8	5	FALSE
KAFB-106093	GW093-204	ug/l	100	5	4.9	5	FALSE
KAFB-106093	GW093-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	7	7	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106093	GW093-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	240	240	FALSE
KAFB-106093	GW093-204	ug/l	NS	600	300	600	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	56	56	FALSE
KAFB-106093	GW093-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106093	GW093-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106093	GW093-204	ug/l	NS	NS	690	690	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	450	450	FALSE
KAFB-106093	GW093-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-204	mg/l	600	250	NS	250	FALSE
KAFB-106092	GW092-204	mg/l	250	250	NS	250	FALSE
KAFB-106092	GW092-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-204	mg/l	10	10	NS	10	FALSE
KAFB-106092	GW092-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-204	mg/l	1	NS	NS	1	FALSE
KAFB-106092	GW092-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106092	GW092-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106092	GW092-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106092	GW092-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106092	GW092-204	ug/l	750	700	15	700	FALSE
KAFB-106092	GW092-204	ug/l	NS	100	1200	100	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	660	660	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	250	250	FALSE
KAFB-106092	GW092-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106092	GW092-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106092	GW092-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106092	GW092-204	ug/l	10	5	1.7	5	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106092	GW092-204	ug/l	NS	NS	410	410	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	60	120	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106092	GW092-204	ug/l	NS	NS	62	62	FALSE
KAFB-106092	GW092-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106092	GW092-204	ug/l	NS	100	78	100	FALSE
KAFB-106092	GW092-204	ug/l	NS	70	11	70	FALSE
KAFB-106092	GW092-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106092	GW092-204	ug/l	20	5	110	5	FALSE
KAFB-106092	GW092-204	ug/l	620	10000	190	620	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	370	370	FALSE
KAFB-106092	GW092-204	ug/l	NS	70	36	70	FALSE
KAFB-106092	GW092-204	ug/l	NS	100	68	100	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	140	140	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106092	GW092-204	ug/l	NS	600	300	600	FALSE
KAFB-106092	GW092-204	ug/l	10	5	0.46	5	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	38	38	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106092	GW092-204	ug/l	100	80	2.2	80	FALSE
KAFB-106092	GW092-204	ug/l	10	5	4.6	5	FALSE
KAFB-106092	GW092-204	ug/l	60	200	8000	60	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	190	190	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	8	8	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	83	83	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	83	83	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106092	GW092-204	ug/l	2	2	0.19	2	FALSE
KAFB-106092	GW092-204	ug/l	100	5	110	5	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	810	810	FALSE
KAFB-106092	GW092-204	ug/l	NS	80	33	80	FALSE
KAFB-106092	GW092-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106092	GW092-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106092	GW092-204	ug/l	5	7	280	5	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	200	200	FALSE
KAFB-106092	GW092-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106092	GW092-204	ug/l	10	5	2.8	5	FALSE
KAFB-106092	GW092-204	ug/l	100	5	4.9	5	FALSE
KAFB-106092	GW092-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	7	7	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106092	GW092-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	240	240	FALSE
KAFB-106092	GW092-204	ug/l	NS	600	300	600	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	56	56	FALSE
KAFB-106092	GW092-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106092	GW092-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106092	GW092-204	ug/l	NS	NS	690	690	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	450	450	FALSE
KAFB-106092	GW092-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-204	mg/l	600	250	NS	250	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106037	GW037-204	mg/l	250	250	NS	250	FALSE
KAFB-106037	GW037-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-204	mg/l	10	10	NS	10	FALSE
KAFB-106037	GW037-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-204	mg/l	1	NS	NS	1	FALSE
KAFB-106037	GW037-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106037	GW037-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106037	GW037-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106037	GW037-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106037	GW037-204	ug/l	750	700	15	700	FALSE
KAFB-106037	GW037-204	ug/l	NS	100	1200	100	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	660	660	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	250	250	FALSE
KAFB-106037	GW037-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106037	GW037-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106037	GW037-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106037	GW037-204	ug/l	10	5	1.7	5	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106037	GW037-204	ug/l	NS	NS	410	410	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	60	120	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	62	62	FALSE
KAFB-106037	GW037-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106037	GW037-204	ug/l	NS	100	78	100	FALSE
KAFB-106037	GW037-204	ug/l	NS	70	11	70	FALSE
KAFB-106037	GW037-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106037	GW037-204	ug/l	20	5	110	5	FALSE
KAFB-106037	GW037-204	ug/l	620	10000	190	620	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	370	370	FALSE
KAFB-106037	GW037-204	ug/l	NS	70	36	70	FALSE
KAFB-106037	GW037-204	ug/l	NS	100	68	100	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	140	140	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106037	GW037-204	ug/l	NS	600	300	600	FALSE
KAFB-106037	GW037-204	ug/l	10	5	0.46	5	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	38	38	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106037	GW037-204	ug/l	100	80	2.2	80	FALSE
KAFB-106037	GW037-204	ug/l	10	5	4.6	5	FALSE
KAFB-106037	GW037-204	ug/l	60	200	8000	60	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	190	190	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106037	GW037-204	ug/l	NS	NS	8	8	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	83	83	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106037	GW037-204	ug/l	2	2	0.19	2	FALSE
KAFB-106037	GW037-204	ug/l	100	5	110	5	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	810	810	FALSE
KAFB-106037	GW037-204	ug/l	NS	80	33	80	FALSE
KAFB-106037	GW037-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106037	GW037-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106037	GW037-204	ug/l	5	7	280	5	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	200	200	FALSE
KAFB-106037	GW037-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106037	GW037-204	ug/l	10	5	2.8	5	FALSE
KAFB-106037	GW037-204	ug/l	100	5	4.9	5	FALSE
KAFB-106037	GW037-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	7	7	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106037	GW037-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	240	240	FALSE
KAFB-106037	GW037-204	ug/l	NS	600	300	600	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	56	56	FALSE
KAFB-106037	GW037-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106037	GW037-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106037	GW037-204	ug/l	NS	NS	690	690	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	450	450	FALSE
KAFB-106037	GW037-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-604	mg/l	600	250	NS	250	FALSE
KAFB-106037	GW037-604	mg/l	250	250	NS	250	FALSE
KAFB-106037	GW037-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-604	mg/l	10	10	NS	10	FALSE
KAFB-106037	GW037-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-604	mg/l	1	NS	NS	1	FALSE
KAFB-106037	GW037-604	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106037	GW037-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-604	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106037	GW037-604	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106037	GW037-604	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106037	GW037-604	ug/l	750	700	15	700	FALSE
KAFB-106037	GW037-604	ug/l	NS	100	1200	100	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	660	660	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	1000	1000	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	250	250	FALSE
KAFB-106037	GW037-604	ug/l	NS	75	4.8	75	FALSE
KAFB-106037	GW037-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106037	GW037-604	ug/l	NS	NS	0.042	100	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106037	GW037-604	ug/l	10	5	1.7	5	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	0.52	20	TRUE
KAFB-106037	GW037-604	ug/l	NS	NS	410	410	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	6300	1200	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	60	120	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	62	62	FALSE
KAFB-106037	GW037-604	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106037	GW037-604	ug/l	NS	100	78	100	FALSE
KAFB-106037	GW037-604	ug/l	NS	70	11	70	FALSE
KAFB-106037	GW037-604	ug/l	NS	80	1.7	80	FALSE
KAFB-106037	GW037-604	ug/l	20	5	110	5	FALSE
KAFB-106037	GW037-604	ug/l	620	10000	190	620	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	2000	2000	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	370	370	FALSE
KAFB-106037	GW037-604	ug/l	NS	70	36	70	FALSE
KAFB-106037	GW037-604	ug/l	NS	100	68	100	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	140	140	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106037	GW037-604	ug/l	NS	600	300	600	FALSE
KAFB-106037	GW037-604	ug/l	10	5	0.46	5	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	38	38	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	14000	14000	FALSE
KAFB-106037	GW037-604	ug/l	100	80	2.2	80	FALSE
KAFB-106037	GW037-604	ug/l	10	5	4.6	5	FALSE
KAFB-106037	GW037-604	ug/l	60	200	8000	60	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	190	190	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	8	8	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	83	83	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106037	GW037-604	ug/l	2	2	0.19	2	FALSE
KAFB-106037	GW037-604	ug/l	100	5	110	5	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	810	810	FALSE
KAFB-106037	GW037-604	ug/l	NS	80	33	80	FALSE
KAFB-106037	GW037-604	ug/l	NS	80	1.3	80	FALSE
KAFB-106037	GW037-604	ug/l	25	NS	2.8	25	FALSE
KAFB-106037	GW037-604	ug/l	5	7	280	5	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	5200	1100	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	200	200	FALSE
KAFB-106037	GW037-604	ug/l	NS	5	8.25	5	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	5600	5600	FALSE
KAFB-106037	GW037-604	ug/l	10	5	2.8	5	FALSE
KAFB-106037	GW037-604	ug/l	100	5	4.9	5	FALSE
KAFB-106037	GW037-604	ug/l	10	NS	0.76	10	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	7	7	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	1.4	5	TRUE
KAFB-106037	GW037-604	ug/l	30	NS	1.2	30	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	240	240	FALSE
KAFB-106037	GW037-604	ug/l	NS	600	300	600	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	56	56	FALSE
KAFB-106037	GW037-604	ug/l	NS	0.2	0.0033	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106037	GW037-604	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106037	GW037-604	ug/l	NS	NS	690	690	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	450	450	FALSE
KAFB-106037	GW037-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-204	mg/l	600	250	NS	250	FALSE
KAFB-106035	GW035-204	mg/l	250	250	NS	250	FALSE
KAFB-106035	GW035-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-204	mg/l	10	10	NS	10	FALSE
KAFB-106035	GW035-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-204	mg/l	1	NS	NS	1	FALSE
KAFB-106035	GW035-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106035	GW035-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106035	GW035-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106035	GW035-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106035	GW035-204	ug/l	750	700	15	700	FALSE
KAFB-106035	GW035-204	ug/l	NS	100	1200	100	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	660	660	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	250	250	FALSE
KAFB-106035	GW035-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106035	GW035-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106035	GW035-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106035	GW035-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106035	GW035-204	ug/l	10	5	1.7	5	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106035	GW035-204	ug/l	NS	NS	410	410	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	60	120	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	62	62	FALSE
KAFB-106035	GW035-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106035	GW035-204	ug/l	NS	100	78	100	FALSE
KAFB-106035	GW035-204	ug/l	NS	70	11	70	FALSE
KAFB-106035	GW035-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106035	GW035-204	ug/l	20	5	110	5	FALSE
KAFB-106035	GW035-204	ug/l	620	10000	190	620	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	370	370	FALSE
KAFB-106035	GW035-204	ug/l	NS	70	36	70	FALSE
KAFB-106035	GW035-204	ug/l	NS	100	68	100	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	140	140	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106035	GW035-204	ug/l	NS	600	300	600	FALSE
KAFB-106035	GW035-204	ug/l	10	5	0.46	5	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	38	38	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	14000	14000	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106035	GW035-204	ug/l	100	80	2.2	80	FALSE
KAFB-106035	GW035-204	ug/l	10	5	4.6	5	FALSE
KAFB-106035	GW035-204	ug/l	60	200	8000	60	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	190	190	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	8	8	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	83	83	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106035	GW035-204	ug/l	2	2	0.19	2	FALSE
KAFB-106035	GW035-204	ug/l	100	5	110	5	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	810	810	FALSE
KAFB-106035	GW035-204	ug/l	NS	80	33	80	FALSE
KAFB-106035	GW035-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106035	GW035-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106035	GW035-204	ug/l	5	7	280	5	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	200	200	FALSE
KAFB-106035	GW035-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106035	GW035-204	ug/l	10	5	2.8	5	FALSE
KAFB-106035	GW035-204	ug/l	100	5	4.9	5	FALSE
KAFB-106035	GW035-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	7	7	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106035	GW035-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	240	240	FALSE
KAFB-106035	GW035-204	ug/l	NS	600	300	600	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	56	56	FALSE
KAFB-106035	GW035-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106035	GW035-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106035	GW035-204	ug/l	NS	NS	690	690	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	450	450	FALSE
KAFB-106035	GW035-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-204	mg/l	600	250	NS	250	FALSE
KAFB-106091	GW091-204	mg/l	250	250	NS	250	FALSE
KAFB-106091	GW091-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-204	mg/l	10	10	NS	10	FALSE
KAFB-106091	GW091-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-204	mg/l	1	NS	NS	1	FALSE
KAFB-106091	GW091-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106091	GW091-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106091	GW091-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106091	GW091-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106091	GW091-204	ug/l	750	700	15	700	FALSE
KAFB-106091	GW091-204	ug/l	NS	100	1200	100	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	660	660	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106091	GW091-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	250	250	FALSE
KAFB-106091	GW091-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106091	GW091-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106091	GW091-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106091	GW091-204	ug/l	10	5	1.7	5	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106091	GW091-204	ug/l	NS	NS	410	410	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	60	120	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	62	62	FALSE
KAFB-106091	GW091-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106091	GW091-204	ug/l	NS	100	78	100	FALSE
KAFB-106091	GW091-204	ug/l	NS	70	11	70	FALSE
KAFB-106091	GW091-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106091	GW091-204	ug/l	20	5	110	5	FALSE
KAFB-106091	GW091-204	ug/l	620	10000	190	620	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	370	370	FALSE
KAFB-106091	GW091-204	ug/l	NS	70	36	70	FALSE
KAFB-106091	GW091-204	ug/l	NS	100	68	100	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	140	140	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106091	GW091-204	ug/l	NS	600	300	600	FALSE
KAFB-106091	GW091-204	ug/l	10	5	0.46	5	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	38	38	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106091	GW091-204	ug/l	100	80	2.2	80	FALSE
KAFB-106091	GW091-204	ug/l	10	5	4.6	5	FALSE
KAFB-106091	GW091-204	ug/l	60	200	8000	60	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	190	190	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	8	8	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	83	83	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106091	GW091-204	ug/l	2	2	0.19	2	FALSE
KAFB-106091	GW091-204	ug/l	100	5	110	5	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	810	810	FALSE
KAFB-106091	GW091-204	ug/l	NS	80	33	80	FALSE
KAFB-106091	GW091-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106091	GW091-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106091	GW091-204	ug/l	5	7	280	5	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	200	200	FALSE
KAFB-106091	GW091-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106091	GW091-204	ug/l	10	5	2.8	5	FALSE
KAFB-106091	GW091-204	ug/l	100	5	4.9	5	FALSE
KAFB-106091	GW091-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	7	7	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106091	GW091-204	ug/l	30	NS	1.2	30	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106091	GW091-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	240	240	FALSE
KAFB-106091	GW091-204	ug/l	NS	600	300	600	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	56	56	FALSE
KAFB-106091	GW091-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106091	GW091-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106091	GW091-204	ug/l	NS	NS	690	690	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	450	450	FALSE
KAFB-106091	GW091-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-604	mg/l	600	250	NS	250	FALSE
KAFB-106091	GW091-604	mg/l	250	250	NS	250	FALSE
KAFB-106091	GW091-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-604	mg/l	10	10	NS	10	FALSE
KAFB-106091	GW091-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-604	mg/l	1	NS	NS	1	FALSE
KAFB-106091	GW091-604	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106091	GW091-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-604	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106091	GW091-604	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106091	GW091-604	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106091	GW091-604	ug/l	750	700	15	700	FALSE
KAFB-106091	GW091-604	ug/l	NS	100	1200	100	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106091	GW091-604	ug/l	NS	100	1200	100	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	660	660	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	1000	1000	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	250	250	FALSE
KAFB-106091	GW091-604	ug/l	NS	75	4.8	75	FALSE
KAFB-106091	GW091-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106091	GW091-604	ug/l	NS	NS	0.042	100	TRUE
KAFB-106091	GW091-604	ug/l	10	5	1.7	5	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	0.52	20	TRUE
KAFB-106091	GW091-604	ug/l	NS	NS	410	410	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	6300	1200	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	60	120	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	62	62	FALSE
KAFB-106091	GW091-604	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106091	GW091-604	ug/l	NS	100	78	100	FALSE
KAFB-106091	GW091-604	ug/l	NS	70	11	70	FALSE
KAFB-106091	GW091-604	ug/l	NS	80	1.7	80	FALSE
KAFB-106091	GW091-604	ug/l	20	5	110	5	FALSE
KAFB-106091	GW091-604	ug/l	620	10000	190	620	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	2000	2000	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	370	370	FALSE
KAFB-106091	GW091-604	ug/l	NS	70	36	70	FALSE
KAFB-106091	GW091-604	ug/l	NS	100	68	100	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	140	140	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106091	GW091-604	ug/l	NS	600	300	600	FALSE
KAFB-106091	GW091-604	ug/l	10	5	0.46	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106091	GW091-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	38	38	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	14000	14000	FALSE
KAFB-106091	GW091-604	ug/l	100	80	2.2	80	FALSE
KAFB-106091	GW091-604	ug/l	10	5	4.6	5	FALSE
KAFB-106091	GW091-604	ug/l	60	200	8000	60	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	190	190	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	8	8	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	83	83	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106091	GW091-604	ug/l	2	2	0.19	2	FALSE
KAFB-106091	GW091-604	ug/l	100	5	110	5	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	810	810	FALSE
KAFB-106091	GW091-604	ug/l	NS	80	33	80	FALSE
KAFB-106091	GW091-604	ug/l	NS	80	1.3	80	FALSE
KAFB-106091	GW091-604	ug/l	25	NS	2.8	25	FALSE
KAFB-106091	GW091-604	ug/l	5	7	280	5	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	5200	1100	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	200	200	FALSE
KAFB-106091	GW091-604	ug/l	NS	5	8.25	5	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	5600	5600	FALSE
KAFB-106091	GW091-604	ug/l	10	5	2.8	5	FALSE
KAFB-106091	GW091-604	ug/l	100	5	4.9	5	FALSE
KAFB-106091	GW091-604	ug/l	10	NS	0.76	10	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	7	7	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	1.4	5	TRUE
KAFB-106091	GW091-604	ug/l	30	NS	1.2	30	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	240	240	FALSE
KAFB-106091	GW091-604	ug/l	NS	600	300	600	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	56	56	FALSE
KAFB-106091	GW091-604	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106091	GW091-604	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106091	GW091-604	ug/l	NS	NS	690	690	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	450	450	FALSE
KAFB-106091	GW091-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106229	GW229-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106022	GW022-204	mg/l	600	250	NS	250	FALSE
KAFB-106022	GW022-204	mg/l	250	250	NS	250	FALSE
KAFB-106022	GW022-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-204	mg/l	10	10	NS	10	FALSE
KAFB-106022	GW022-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-204	mg/l	1	NS	NS	1	FALSE
KAFB-106022	GW022-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106022	GW022-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106022	GW022-204	mg/l	0.01	0.01	0.00052	0.01	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106022	GW022-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106022	GW022-204	ug/l	750	700	15	700	FALSE
KAFB-106022	GW022-204	ug/l	NS	100	1200	100	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	660	660	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	250	250	FALSE
KAFB-106022	GW022-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106022	GW022-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106022	GW022-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106022	GW022-204	ug/l	10	5	1.7	5	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106022	GW022-204	ug/l	NS	NS	410	410	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	60	120	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	62	62	FALSE
KAFB-106022	GW022-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106022	GW022-204	ug/l	NS	100	78	100	FALSE
KAFB-106022	GW022-204	ug/l	NS	70	11	70	FALSE
KAFB-106022	GW022-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106022	GW022-204	ug/l	20	5	110	5	FALSE
KAFB-106022	GW022-204	ug/l	620	10000	190	620	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	370	370	FALSE
KAFB-106022	GW022-204	ug/l	NS	70	36	70	FALSE
KAFB-106022	GW022-204	ug/l	NS	100	68	100	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	140	140	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	140	140	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106022	GW022-204	ug/l	NS	600	300	600	FALSE
KAFB-106022	GW022-204	ug/l	10	5	0.46	5	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	38	38	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106022	GW022-204	ug/l	100	80	2.2	80	FALSE
KAFB-106022	GW022-204	ug/l	10	5	4.6	5	FALSE
KAFB-106022	GW022-204	ug/l	60	200	8000	60	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	190	190	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	8	8	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	83	83	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106022	GW022-204	ug/l	2	2	0.19	2	FALSE
KAFB-106022	GW022-204	ug/l	100	5	110	5	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	810	810	FALSE
KAFB-106022	GW022-204	ug/l	NS	80	33	80	FALSE
KAFB-106022	GW022-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106022	GW022-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106022	GW022-204	ug/l	5	7	280	5	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	200	200	FALSE
KAFB-106022	GW022-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	5600	5600	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106022	GW022-204	ug/l	10	5	2.8	5	FALSE
KAFB-106022	GW022-204	ug/l	100	5	4.9	5	FALSE
KAFB-106022	GW022-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	7	7	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106022	GW022-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	240	240	FALSE
KAFB-106022	GW022-204	ug/l	NS	600	300	600	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	56	56	FALSE
KAFB-106022	GW022-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106022	GW022-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106022	GW022-204	ug/l	NS	NS	690	690	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	450	450	FALSE
KAFB-106022	GW022-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-204	mg/l	600	250	NS	250	FALSE
KAFB-106077	GW077-204	mg/l	250	250	NS	250	FALSE
KAFB-106077	GW077-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-204	mg/l	10	10	NS	10	FALSE
KAFB-106077	GW077-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-204	mg/l	1	NS	NS	1	FALSE
KAFB-106077	GW077-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106077	GW077-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106077	GW077-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106077	GW077-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106077	GW077-204	ug/l	750	700	15	700	FALSE
KAFB-106077	GW077-204	ug/l	NS	100	1200	100	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	660	660	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	250	250	FALSE
KAFB-106077	GW077-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106077	GW077-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106077	GW077-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106077	GW077-204	ug/l	10	5	1.7	5	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106077	GW077-204	ug/l	NS	NS	410	410	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	60	120	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	62	62	FALSE
KAFB-106077	GW077-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106077	GW077-204	ug/l	NS	100	78	100	FALSE
KAFB-106077	GW077-204	ug/l	NS	70	11	70	FALSE
KAFB-106077	GW077-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106077	GW077-204	ug/l	20	5	110	5	FALSE
KAFB-106077	GW077-204	ug/l	620	10000	190	620	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	370	370	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106077	GW077-204	ug/l	NS	70	36	70	FALSE
KAFB-106077	GW077-204	ug/l	NS	100	68	100	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	140	140	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106077	GW077-204	ug/l	NS	600	300	600	FALSE
KAFB-106077	GW077-204	ug/l	10	5	0.46	5	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	38	38	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106077	GW077-204	ug/l	100	80	2.2	80	FALSE
KAFB-106077	GW077-204	ug/l	10	5	4.6	5	FALSE
KAFB-106077	GW077-204	ug/l	60	200	8000	60	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	190	190	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	8	8	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	83	83	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106077	GW077-204	ug/l	2	2	0.19	2	FALSE
KAFB-106077	GW077-204	ug/l	100	5	110	5	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	810	810	FALSE
KAFB-106077	GW077-204	ug/l	NS	80	33	80	FALSE
KAFB-106077	GW077-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106077	GW077-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106077	GW077-204	ug/l	5	7	280	5	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	200	200	FALSE
KAFB-106077	GW077-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106077	GW077-204	ug/l	10	5	2.8	5	FALSE
KAFB-106077	GW077-204	ug/l	100	5	4.9	5	FALSE
KAFB-106077	GW077-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	7	7	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106077	GW077-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	240	240	FALSE
KAFB-106077	GW077-204	ug/l	NS	600	300	600	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	56	56	FALSE
KAFB-106077	GW077-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106077	GW077-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106077	GW077-204	ug/l	NS	NS	690	690	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	450	450	FALSE
KAFB-106077	GW077-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-204	mg/l	600	250	NS	250	FALSE
KAFB-106212	GW212-204	mg/l	250	250	NS	250	FALSE
KAFB-106212	GW212-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-204	mg/l	10	10	NS	10	FALSE
KAFB-106212	GW212-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-204	mg/l	1	NS	NS	1	FALSE
KAFB-106212	GW212-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106212	GW212-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106212	GW212-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106212	GW212-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106212	GW212-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106212	GW212-204	ug/l	750	700	15	700	FALSE
KAFB-106212	GW212-204	ug/l	NS	100	1200	100	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	660	660	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	250	250	FALSE
KAFB-106212	GW212-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106212	GW212-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106212	GW212-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106212	GW212-204	ug/l	10	5	1.7	5	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106212	GW212-204	ug/l	NS	NS	410	410	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	60	120	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	62	62	FALSE
KAFB-106212	GW212-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106212	GW212-204	ug/l	NS	100	78	100	FALSE
KAFB-106212	GW212-204	ug/l	NS	70	11	70	FALSE
KAFB-106212	GW212-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106212	GW212-204	ug/l	20	5	110	5	FALSE
KAFB-106212	GW212-204	ug/l	620	10000	190	620	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	370	370	FALSE
KAFB-106212	GW212-204	ug/l	NS	70	36	70	FALSE
KAFB-106212	GW212-204	ug/l	NS	100	68	100	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	140	140	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106212	GW212-204	ug/l	NS	600	300	600	FALSE
KAFB-106212	GW212-204	ug/l	10	5	0.46	5	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	38	38	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106212	GW212-204	ug/l	100	80	2.2	80	FALSE
KAFB-106212	GW212-204	ug/l	10	5	4.6	5	FALSE
KAFB-106212	GW212-204	ug/l	60	200	8000	60	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	190	190	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	8	8	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	83	83	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106212	GW212-204	ug/l	2	2	0.19	2	FALSE
KAFB-106212	GW212-204	ug/l	100	5	110	5	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	810	810	FALSE
KAFB-106212	GW212-204	ug/l	NS	80	33	80	FALSE
KAFB-106212	GW212-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106212	GW212-204	ug/l	25	NS	2.8	25	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106212	GW212-204	ug/l	5	7	280	5	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	200	200	FALSE
KAFB-106212	GW212-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106212	GW212-204	ug/l	10	5	2.8	5	FALSE
KAFB-106212	GW212-204	ug/l	100	5	4.9	5	FALSE
KAFB-106212	GW212-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	7	7	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106212	GW212-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	240	240	FALSE
KAFB-106212	GW212-204	ug/l	NS	600	300	600	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	56	56	FALSE
KAFB-106212	GW212-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106212	GW212-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106212	GW212-204	ug/l	NS	NS	690	690	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	450	450	FALSE
KAFB-106212	GW212-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106053	GW053-204	mg/l	600	250	NS	250	FALSE
KAFB-106053	GW053-204	mg/l	250	250	NS	250	FALSE
KAFB-106053	GW053-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106053	GW053-204	mg/l	10	10	NS	10	FALSE
KAFB-106053	GW053-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106053	GW053-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106053	GW053-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106053	GW053-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106053	GW053-204	mg/l	1	NS	NS	1	FALSE
KAFB-106053	GW053-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106053	GW053-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106053	GW053-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106053	GW053-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106053	GW053-204	ug/l	750	700	15	700	FALSE
KAFB-106053	GW053-204	ug/l	NS	100	1200	100	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	660	660	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	250	250	FALSE
KAFB-106053	GW053-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106053	GW053-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106053	GW053-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106053	GW053-204	ug/l	10	5	1.7	5	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106053	GW053-204	ug/l	NS	NS	410	410	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	60	120	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	62	62	FALSE
KAFB-106053	GW053-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106053	GW053-204	ug/l	NS	100	78	100	FALSE
KAFB-106053	GW053-204	ug/l	NS	70	11	70	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106053	GW053-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106053	GW053-204	ug/l	20	5	110	5	FALSE
KAFB-106053	GW053-204	ug/l	620	10000	190	620	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	370	370	FALSE
KAFB-106053	GW053-204	ug/l	NS	70	36	70	FALSE
KAFB-106053	GW053-204	ug/l	NS	100	68	100	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	140	140	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106053	GW053-204	ug/l	NS	600	300	600	FALSE
KAFB-106053	GW053-204	ug/l	10	5	0.46	5	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	38	38	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106053	GW053-204	ug/l	100	80	2.2	80	FALSE
KAFB-106053	GW053-204	ug/l	10	5	4.6	5	FALSE
KAFB-106053	GW053-204	ug/l	60	200	8000	60	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	190	190	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	8	8	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	83	83	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106053	GW053-204	ug/l	2	2	0.19	2	FALSE
KAFB-106053	GW053-204	ug/l	100	5	110	5	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	810	810	FALSE
KAFB-106053	GW053-204	ug/l	NS	80	33	80	FALSE
KAFB-106053	GW053-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106053	GW053-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106053	GW053-204	ug/l	5	7	280	5	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	200	200	FALSE
KAFB-106053	GW053-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106053	GW053-204	ug/l	10	5	2.8	5	FALSE
KAFB-106053	GW053-204	ug/l	100	5	4.9	5	FALSE
KAFB-106053	GW053-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	7	7	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106053	GW053-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	240	240	FALSE
KAFB-106053	GW053-204	ug/l	NS	600	300	600	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	56	56	FALSE
KAFB-106053	GW053-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106053	GW053-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106053	GW053-204	ug/l	NS	NS	690	690	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	450	450	FALSE
KAFB-106053	GW053-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106054	GW054-204	mg/l	600	250	NS	250	FALSE
KAFB-106054	GW054-204	mg/l	250	250	NS	250	FALSE
KAFB-106054	GW054-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106054	GW054-204	mg/l	10	10	NS	10	FALSE
KAFB-106054	GW054-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106054	GW054-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106054	GW054-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106054	GW054-204	mg/l	1	NS	NS	1	FALSE
KAFB-106054	GW054-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106054	GW054-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106054	GW054-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106054	GW054-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106054	GW054-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106054	GW054-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106054	GW054-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106054	GW054-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106054	GW054-204	ug/l	750	700	15	700	FALSE
KAFB-106054	GW054-204	ug/l	NS	100	1200	100	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	660	660	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	250	250	FALSE
KAFB-106054	GW054-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106054	GW054-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106054	GW054-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106054	GW054-204	ug/l	10	5	1.7	5	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106054	GW054-204	ug/l	NS	NS	410	410	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	60	120	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	62	62	FALSE
KAFB-106054	GW054-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106054	GW054-204	ug/l	NS	100	78	100	FALSE
KAFB-106054	GW054-204	ug/l	NS	70	11	70	FALSE
KAFB-106054	GW054-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106054	GW054-204	ug/l	20	5	110	5	FALSE
KAFB-106054	GW054-204	ug/l	620	10000	190	620	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	370	370	FALSE
KAFB-106054	GW054-204	ug/l	NS	70	36	70	FALSE
KAFB-106054	GW054-204	ug/l	NS	100	68	100	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	140	140	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106054	GW054-204	ug/l	NS	600	300	600	FALSE
KAFB-106054	GW054-204	ug/l	10	5	0.46	5	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	38	38	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106054	GW054-204	ug/l	100	80	2.2	80	FALSE
KAFB-106054	GW054-204	ug/l	10	5	4.6	5	FALSE
KAFB-106054	GW054-204	ug/l	60	200	8000	60	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	190	190	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	8	8	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	83	83	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106054	GW054-204	ug/l	2	2	0.19	2	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106054	GW054-204	ug/l	100	5	110	5	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	810	810	FALSE
KAFB-106054	GW054-204	ug/l	NS	80	33	80	FALSE
KAFB-106054	GW054-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106054	GW054-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106054	GW054-204	ug/l	5	7	280	5	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	200	200	FALSE
KAFB-106054	GW054-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106054	GW054-204	ug/l	10	5	2.8	5	FALSE
KAFB-106054	GW054-204	ug/l	100	5	4.9	5	FALSE
KAFB-106054	GW054-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	7	7	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106054	GW054-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	240	240	FALSE
KAFB-106054	GW054-204	ug/l	NS	600	300	600	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	56	56	FALSE
KAFB-106054	GW054-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106054	GW054-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106054	GW054-204	ug/l	NS	NS	690	690	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	450	450	FALSE
KAFB-106054	GW054-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-204	mg/l	600	250	NS	250	FALSE
KAFB-106026	GW026-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-204	mg/l	250	250	NS	250	FALSE
KAFB-106026	GW026-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-204	mg/l	250	250	NS	250	FALSE
KAFB-106026	GW026-204	mg/l	10	10	NS	10	FALSE
KAFB-106026	GW026-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-204	mg/l	1	NS	NS	1	FALSE
KAFB-106026	GW026-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106026	GW026-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106026	GW026-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106026	GW026-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106026	GW026-204	ug/l	750	700	15	700	FALSE
KAFB-106026	GW026-204	ug/l	NS	100	1200	100	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	660	660	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	250	250	FALSE
KAFB-106026	GW026-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106026	GW026-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106026	GW026-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106026	GW026-204	ug/l	10	5	1.7	5	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106026	GW026-204	ug/l	NS	NS	410	410	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	6300	1200	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106026	GW026-204	ug/l	NS	NS	60	120	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	62	62	FALSE
KAFB-106026	GW026-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106026	GW026-204	ug/l	NS	100	78	100	FALSE
KAFB-106026	GW026-204	ug/l	NS	70	11	70	FALSE
KAFB-106026	GW026-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106026	GW026-204	ug/l	20	5	110	5	FALSE
KAFB-106026	GW026-204	ug/l	620	10000	190	620	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	370	370	FALSE
KAFB-106026	GW026-204	ug/l	NS	70	36	70	FALSE
KAFB-106026	GW026-204	ug/l	NS	100	68	100	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	140	140	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106026	GW026-204	ug/l	NS	600	300	600	FALSE
KAFB-106026	GW026-204	ug/l	10	5	0.46	5	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	38	38	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106026	GW026-204	ug/l	100	80	2.2	80	FALSE
KAFB-106026	GW026-204	ug/l	10	5	4.6	5	FALSE
KAFB-106026	GW026-204	ug/l	60	200	8000	60	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	190	190	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	8	8	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	83	83	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106026	GW026-204	ug/l	2	2	0.19	2	FALSE
KAFB-106026	GW026-204	ug/l	100	5	110	5	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	810	810	FALSE
KAFB-106026	GW026-204	ug/l	NS	80	33	80	FALSE
KAFB-106026	GW026-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106026	GW026-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106026	GW026-204	ug/l	5	7	280	5	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	200	200	FALSE
KAFB-106026	GW026-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106026	GW026-204	ug/l	10	5	2.8	5	FALSE
KAFB-106026	GW026-204	ug/l	100	5	4.9	5	FALSE
KAFB-106026	GW026-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	7	7	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106026	GW026-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	240	240	FALSE
KAFB-106026	GW026-204	ug/l	NS	600	300	600	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	56	56	FALSE
KAFB-106026	GW026-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106026	GW026-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106026	GW026-204	ug/l	NS	NS	690	690	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	450	450	FALSE
KAFB-106026	GW026-204	ug/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106074	GW074-204	mg/l	600	250	NS	250	FALSE
KAFB-106074	GW074-204	mg/l	250	250	NS	250	FALSE
KAFB-106074	GW074-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106074	GW074-204	mg/l	10	10	NS	10	FALSE
KAFB-106074	GW074-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106074	GW074-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106074	GW074-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106074	GW074-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106074	GW074-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106074	GW074-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106074	GW074-204	mg/l	1	NS	NS	1	FALSE
KAFB-106074	GW074-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106074	GW074-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106074	GW074-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106074	GW074-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106074	GW074-204	ug/l	750	700	15	700	FALSE
KAFB-106074	GW074-204	ug/l	NS	100	1200	100	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	660	660	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	250	250	FALSE
KAFB-106074	GW074-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106074	GW074-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106074	GW074-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106074	GW074-204	ug/l	10	5	1.7	5	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106074	GW074-204	ug/l	NS	NS	410	410	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	60	120	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	62	62	FALSE
KAFB-106074	GW074-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106074	GW074-204	ug/l	NS	100	78	100	FALSE
KAFB-106074	GW074-204	ug/l	NS	70	11	70	FALSE
KAFB-106074	GW074-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106074	GW074-204	ug/l	20	5	110	5	FALSE
KAFB-106074	GW074-204	ug/l	620	10000	190	620	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	370	370	FALSE
KAFB-106074	GW074-204	ug/l	NS	70	36	70	FALSE
KAFB-106074	GW074-204	ug/l	NS	100	68	100	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	140	140	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106074	GW074-204	ug/l	NS	600	300	600	FALSE
KAFB-106074	GW074-204	ug/l	10	5	0.46	5	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	38	38	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106074	GW074-204	ug/l	100	80	2.2	80	FALSE
KAFB-106074	GW074-204	ug/l	10	5	4.6	5	FALSE
KAFB-106074	GW074-204	ug/l	60	200	8000	60	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	7.5	7.5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106074	GW074-204	ug/l	NS	NS	190	190	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	8	8	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	83	83	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106074	GW074-204	ug/l	2	2	0.19	2	FALSE
KAFB-106074	GW074-204	ug/l	100	5	110	5	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	810	810	FALSE
KAFB-106074	GW074-204	ug/l	NS	80	33	80	FALSE
KAFB-106074	GW074-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106074	GW074-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106074	GW074-204	ug/l	5	7	280	5	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	200	200	FALSE
KAFB-106074	GW074-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106074	GW074-204	ug/l	10	5	2.8	5	FALSE
KAFB-106074	GW074-204	ug/l	100	5	4.9	5	FALSE
KAFB-106074	GW074-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	7	7	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106074	GW074-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	240	240	FALSE
KAFB-106074	GW074-204	ug/l	NS	600	300	600	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	56	56	FALSE
KAFB-106074	GW074-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106074	GW074-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106074	GW074-204	ug/l	NS	NS	690	690	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	450	450	FALSE
KAFB-106074	GW074-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-204	mg/l	600	250	NS	250	FALSE
KAFB-106230	GW230-204	mg/l	250	250	NS	250	FALSE
KAFB-106230	GW230-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-204	mg/l	10	10	NS	10	FALSE
KAFB-106230	GW230-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-204	mg/l	1	NS	NS	1	FALSE
KAFB-106230	GW230-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106230	GW230-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106230	GW230-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106230	GW230-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106230	GW230-204	ug/l	750	700	15	700	FALSE
KAFB-106230	GW230-204	ug/l	NS	100	1200	100	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	660	660	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	250	250	FALSE
KAFB-106230	GW230-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106230	GW230-204	ug/l	0.05	0.05	0.075	0.05	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106230	GW230-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106230	GW230-204	ug/l	10	5	1.7	5	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106230	GW230-204	ug/l	NS	NS	410	410	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	60	120	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	62	62	FALSE
KAFB-106230	GW230-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106230	GW230-204	ug/l	NS	100	78	100	FALSE
KAFB-106230	GW230-204	ug/l	NS	70	11	70	FALSE
KAFB-106230	GW230-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106230	GW230-204	ug/l	20	5	110	5	FALSE
KAFB-106230	GW230-204	ug/l	620	10000	190	620	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	370	370	FALSE
KAFB-106230	GW230-204	ug/l	NS	70	36	70	FALSE
KAFB-106230	GW230-204	ug/l	NS	100	68	100	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	140	140	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106230	GW230-204	ug/l	NS	600	300	600	FALSE
KAFB-106230	GW230-204	ug/l	10	5	0.46	5	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	38	38	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106230	GW230-204	ug/l	100	80	2.2	80	FALSE
KAFB-106230	GW230-204	ug/l	10	5	4.6	5	FALSE
KAFB-106230	GW230-204	ug/l	60	200	8000	60	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	190	190	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	8	8	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	83	83	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106230	GW230-204	ug/l	2	2	0.19	2	FALSE
KAFB-106230	GW230-204	ug/l	100	5	110	5	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	810	810	FALSE
KAFB-106230	GW230-204	ug/l	NS	80	33	80	FALSE
KAFB-106230	GW230-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106230	GW230-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106230	GW230-204	ug/l	5	7	280	5	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	200	200	FALSE
KAFB-106230	GW230-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106230	GW230-204	ug/l	10	5	2.8	5	FALSE
KAFB-106230	GW230-204	ug/l	100	5	4.9	5	FALSE
KAFB-106230	GW230-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	7	7	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106230	GW230-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	240	240	FALSE
KAFB-106230	GW230-204	ug/l	NS	600	300	600	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	56	56	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106230	GW230-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106230	GW230-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106230	GW230-204	ug/l	NS	NS	690	690	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	450	450	FALSE
KAFB-106230	GW230-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-204	mg/l	600	250	NS	250	FALSE
KAFB-106036	GW036-204	mg/l	250	250	NS	250	FALSE
KAFB-106036	GW036-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-204	mg/l	10	10	NS	10	FALSE
KAFB-106036	GW036-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-204	mg/l	1	NS	NS	1	FALSE
KAFB-106036	GW036-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106036	GW036-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106036	GW036-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106036	GW036-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106036	GW036-204	ug/l	750	700	15	700	FALSE
KAFB-106036	GW036-204	ug/l	NS	100	1200	100	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	660	660	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	250	250	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	250	250	FALSE
KAFB-106036	GW036-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106036	GW036-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106036	GW036-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106036	GW036-204	ug/l	10	5	1.7	5	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106036	GW036-204	ug/l	NS	NS	410	410	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	60	120	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	62	62	FALSE
KAFB-106036	GW036-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106036	GW036-204	ug/l	NS	100	78	100	FALSE
KAFB-106036	GW036-204	ug/l	NS	70	11	70	FALSE
KAFB-106036	GW036-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106036	GW036-204	ug/l	20	5	110	5	FALSE
KAFB-106036	GW036-204	ug/l	620	10000	190	620	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	370	370	FALSE
KAFB-106036	GW036-204	ug/l	NS	70	36	70	FALSE
KAFB-106036	GW036-204	ug/l	NS	100	68	100	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	140	140	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106036	GW036-204	ug/l	NS	600	300	600	FALSE
KAFB-106036	GW036-204	ug/l	10	5	0.46	5	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	38	38	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	5.7	5.7	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106036	GW036-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106036	GW036-204	ug/l	100	80	2.2	80	FALSE
KAFB-106036	GW036-204	ug/l	10	5	4.6	5	FALSE
KAFB-106036	GW036-204	ug/l	60	200	8000	60	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	190	190	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	8	8	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	83	83	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106036	GW036-204	ug/l	2	2	0.19	2	FALSE
KAFB-106036	GW036-204	ug/l	100	5	110	5	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	810	810	FALSE
KAFB-106036	GW036-204	ug/l	NS	80	33	80	FALSE
KAFB-106036	GW036-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106036	GW036-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106036	GW036-204	ug/l	5	7	280	5	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	200	200	FALSE
KAFB-106036	GW036-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106036	GW036-204	ug/l	10	5	2.8	5	FALSE
KAFB-106036	GW036-204	ug/l	100	5	4.9	5	FALSE
KAFB-106036	GW036-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	7	7	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106036	GW036-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	240	240	FALSE
KAFB-106036	GW036-204	ug/l	NS	600	300	600	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	56	56	FALSE
KAFB-106036	GW036-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106036	GW036-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106036	GW036-204	ug/l	NS	NS	690	690	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	450	450	FALSE
KAFB-106036	GW036-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-204	mg/l	600	250	NS	250	FALSE
KAFB-106043	GW043-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-204	mg/l	250	250	NS	250	FALSE
KAFB-106043	GW043-204	mg/l	10	10	NS	10	FALSE
KAFB-106043	GW043-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-204	mg/l	1	NS	NS	1	FALSE
KAFB-106043	GW043-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106043	GW043-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106043	GW043-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106043	GW043-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106043	GW043-204	ug/l	750	700	15	700	FALSE
KAFB-106043	GW043-204	ug/l	NS	100	1200	100	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	4.7	4.7	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106043	GW043-204	ug/l	NS	NS	660	660	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	250	250	FALSE
KAFB-106043	GW043-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106043	GW043-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106043	GW043-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106043	GW043-204	ug/l	10	5	1.7	5	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106043	GW043-204	ug/l	NS	NS	410	410	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	60	120	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	62	62	FALSE
KAFB-106043	GW043-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106043	GW043-204	ug/l	NS	100	78	100	FALSE
KAFB-106043	GW043-204	ug/l	NS	70	11	70	FALSE
KAFB-106043	GW043-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106043	GW043-204	ug/l	20	5	110	5	FALSE
KAFB-106043	GW043-204	ug/l	620	10000	190	620	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	370	370	FALSE
KAFB-106043	GW043-204	ug/l	NS	70	36	70	FALSE
KAFB-106043	GW043-204	ug/l	NS	100	68	100	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	140	140	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106043	GW043-204	ug/l	NS	600	300	600	FALSE
KAFB-106043	GW043-204	ug/l	10	5	0.46	5	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	38	38	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	38	38	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106043	GW043-204	ug/l	100	80	2.2	80	FALSE
KAFB-106043	GW043-204	ug/l	10	5	4.6	5	FALSE
KAFB-106043	GW043-204	ug/l	60	200	8000	60	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	190	190	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	8	8	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	83	83	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106043	GW043-204	ug/l	2	2	0.19	2	FALSE
KAFB-106043	GW043-204	ug/l	100	5	110	5	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	810	810	FALSE
KAFB-106043	GW043-204	ug/l	NS	80	33	80	FALSE
KAFB-106043	GW043-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106043	GW043-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106043	GW043-204	ug/l	5	7	280	5	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	200	200	FALSE
KAFB-106043	GW043-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106043	GW043-204	ug/l	10	5	2.8	5	FALSE
KAFB-106043	GW043-204	ug/l	100	5	4.9	5	FALSE
KAFB-106043	GW043-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	7	7	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	1.4	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106043	GW043-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	240	240	FALSE
KAFB-106043	GW043-204	ug/l	NS	600	300	600	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	56	56	FALSE
KAFB-106043	GW043-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106043	GW043-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106043	GW043-204	ug/l	NS	NS	690	690	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	450	450	FALSE
KAFB-106043	GW043-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-204	mg/l	600	250	NS	250	FALSE
KAFB-106049	GW049-204	mg/l	250	250	NS	250	FALSE
KAFB-106049	GW049-204	mg/l	10	10	NS	10	FALSE
KAFB-106049	GW049-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-204	mg/l	1	NS	NS	1	FALSE
KAFB-106049	GW049-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106049	GW049-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106049	GW049-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106049	GW049-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106049	GW049-204	ug/l	750	700	15	700	FALSE
KAFB-106049	GW049-204	ug/l	NS	100	1200	100	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	660	660	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	250	250	FALSE
KAFB-106049	GW049-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106049	GW049-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106049	GW049-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106049	GW049-204	ug/l	10	5	1.7	5	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106049	GW049-204	ug/l	NS	NS	410	410	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	60	120	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	62	62	FALSE
KAFB-106049	GW049-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106049	GW049-204	ug/l	NS	100	78	100	FALSE
KAFB-106049	GW049-204	ug/l	NS	70	11	70	FALSE
KAFB-106049	GW049-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106049	GW049-204	ug/l	20	5	110	5	FALSE
KAFB-106049	GW049-204	ug/l	620	10000	190	620	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	370	370	FALSE
KAFB-106049	GW049-204	ug/l	NS	70	36	70	FALSE
KAFB-106049	GW049-204	ug/l	NS	100	68	100	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	140	140	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106049	GW049-204	ug/l	NS	600	300	600	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106049	GW049-204	ug/l	10	5	0.46	5	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	38	38	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106049	GW049-204	ug/l	100	80	2.2	80	FALSE
KAFB-106049	GW049-204	ug/l	10	5	4.6	5	FALSE
KAFB-106049	GW049-204	ug/l	60	200	8000	60	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	190	190	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	8	8	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	83	83	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106049	GW049-204	ug/l	2	2	0.19	2	FALSE
KAFB-106049	GW049-204	ug/l	100	5	110	5	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	810	810	FALSE
KAFB-106049	GW049-204	ug/l	NS	80	33	80	FALSE
KAFB-106049	GW049-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106049	GW049-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106049	GW049-204	ug/l	5	7	280	5	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	200	200	FALSE
KAFB-106049	GW049-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106049	GW049-204	ug/l	10	5	2.8	5	FALSE
KAFB-106049	GW049-204	ug/l	100	5	4.9	5	FALSE
KAFB-106049	GW049-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	7	7	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106049	GW049-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	240	240	FALSE
KAFB-106049	GW049-204	ug/l	NS	600	300	600	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	56	56	FALSE
KAFB-106049	GW049-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106049	GW049-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106049	GW049-204	ug/l	NS	NS	690	690	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	450	450	FALSE
KAFB-106049	GW049-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-204	mg/l	600	250	NS	250	FALSE
KAFB-106073	GW073-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-204	mg/l	250	250	NS	250	FALSE
KAFB-106073	GW073-204	mg/l	10	10	NS	10	FALSE
KAFB-106073	GW073-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-204	mg/l	1	NS	NS	1	FALSE
KAFB-106073	GW073-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106073	GW073-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106073	GW073-204	mg/l	0.01	0.01	0.00052	0.01	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106073	GW073-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106073	GW073-204	ug/l	750	700	15	700	FALSE
KAFB-106073	GW073-204	ug/l	NS	100	1200	100	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	660	660	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	250	250	FALSE
KAFB-106073	GW073-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106073	GW073-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106073	GW073-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106073	GW073-204	ug/l	10	5	1.7	5	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106073	GW073-204	ug/l	NS	NS	410	410	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	60	120	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	62	62	FALSE
KAFB-106073	GW073-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106073	GW073-204	ug/l	NS	100	78	100	FALSE
KAFB-106073	GW073-204	ug/l	NS	70	11	70	FALSE
KAFB-106073	GW073-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106073	GW073-204	ug/l	20	5	110	5	FALSE
KAFB-106073	GW073-204	ug/l	620	10000	190	620	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	370	370	FALSE
KAFB-106073	GW073-204	ug/l	NS	70	36	70	FALSE
KAFB-106073	GW073-204	ug/l	NS	100	68	100	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	140	140	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	140	140	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106073	GW073-204	ug/l	NS	600	300	600	FALSE
KAFB-106073	GW073-204	ug/l	10	5	0.46	5	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	38	38	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106073	GW073-204	ug/l	100	80	2.2	80	FALSE
KAFB-106073	GW073-204	ug/l	10	5	4.6	5	FALSE
KAFB-106073	GW073-204	ug/l	60	200	8000	60	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	190	190	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	8	8	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	83	83	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106073	GW073-204	ug/l	2	2	0.19	2	FALSE
KAFB-106073	GW073-204	ug/l	100	5	110	5	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	810	810	FALSE
KAFB-106073	GW073-204	ug/l	NS	80	33	80	FALSE
KAFB-106073	GW073-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106073	GW073-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106073	GW073-204	ug/l	5	7	280	5	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	200	200	FALSE
KAFB-106073	GW073-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	5600	5600	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106073	GW073-204	ug/l	10	5	2.8	5	FALSE
KAFB-106073	GW073-204	ug/l	100	5	4.9	5	FALSE
KAFB-106073	GW073-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	7	7	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106073	GW073-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	240	240	FALSE
KAFB-106073	GW073-204	ug/l	NS	600	300	600	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	56	56	FALSE
KAFB-106073	GW073-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106073	GW073-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106073	GW073-204	ug/l	NS	NS	690	690	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	450	450	FALSE
KAFB-106073	GW073-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-204	mg/l	600	250	NS	250	FALSE
KAFB-106050	GW050-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-204	mg/l	250	250	NS	250	FALSE
KAFB-106050	GW050-204	mg/l	10	10	NS	10	FALSE
KAFB-106050	GW050-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-204	mg/l	1	NS	NS	1	FALSE
KAFB-106050	GW050-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106050	GW050-204	mg/l	1	NS	NS	1	FALSE
KAFB-106050	GW050-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106050	GW050-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106050	GW050-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106050	GW050-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106050	GW050-204	ug/l	750	700	15	700	FALSE
KAFB-106050	GW050-204	ug/l	NS	100	1200	100	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	660	660	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	250	250	FALSE
KAFB-106050	GW050-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106050	GW050-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106050	GW050-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106050	GW050-204	ug/l	10	5	1.7	5	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106050	GW050-204	ug/l	NS	NS	410	410	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	60	120	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	62	62	FALSE
KAFB-106050	GW050-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106050	GW050-204	ug/l	NS	100	78	100	FALSE
KAFB-106050	GW050-204	ug/l	NS	70	11	70	FALSE
KAFB-106050	GW050-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106050	GW050-204	ug/l	20	5	110	5	FALSE
KAFB-106050	GW050-204	ug/l	620	10000	190	620	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	370	370	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106050	GW050-204	ug/l	NS	70	36	70	FALSE
KAFB-106050	GW050-204	ug/l	NS	100	68	100	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	140	140	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106050	GW050-204	ug/l	NS	600	300	600	FALSE
KAFB-106050	GW050-204	ug/l	10	5	0.46	5	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	38	38	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106050	GW050-204	ug/l	100	80	2.2	80	FALSE
KAFB-106050	GW050-204	ug/l	10	5	4.6	5	FALSE
KAFB-106050	GW050-204	ug/l	60	200	8000	60	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	190	190	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	8	8	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	83	83	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106050	GW050-204	ug/l	2	2	0.19	2	FALSE
KAFB-106050	GW050-204	ug/l	100	5	110	5	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	810	810	FALSE
KAFB-106050	GW050-204	ug/l	NS	80	33	80	FALSE
KAFB-106050	GW050-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106050	GW050-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106050	GW050-204	ug/l	5	7	280	5	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	200	200	FALSE
KAFB-106050	GW050-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106050	GW050-204	ug/l	10	5	2.8	5	FALSE
KAFB-106050	GW050-204	ug/l	100	5	4.9	5	FALSE
KAFB-106050	GW050-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	7	7	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106050	GW050-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	240	240	FALSE
KAFB-106050	GW050-204	ug/l	NS	600	300	600	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	56	56	FALSE
KAFB-106050	GW050-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106050	GW050-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106050	GW050-204	ug/l	NS	NS	690	690	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	450	450	FALSE
KAFB-106050	GW050-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-204	mg/l	600	250	NS	250	FALSE
KAFB-106052	GW052-204	mg/l	250	250	NS	250	FALSE
KAFB-106052	GW052-204	mg/l	10	10	NS	10	FALSE
KAFB-106052	GW052-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106052	GW052-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-204	mg/l	1	NS	NS	1	FALSE
KAFB-106052	GW052-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106052	GW052-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106052	GW052-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106052	GW052-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106052	GW052-204	ug/l	750	700	15	700	FALSE
KAFB-106052	GW052-204	ug/l	NS	100	1200	100	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	660	660	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	250	250	FALSE
KAFB-106052	GW052-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106052	GW052-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106052	GW052-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106052	GW052-204	ug/l	10	5	1.7	5	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106052	GW052-204	ug/l	NS	NS	410	410	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	60	120	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	62	62	FALSE
KAFB-106052	GW052-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106052	GW052-204	ug/l	NS	100	78	100	FALSE
KAFB-106052	GW052-204	ug/l	NS	70	11	70	FALSE
KAFB-106052	GW052-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106052	GW052-204	ug/l	20	5	110	5	FALSE
KAFB-106052	GW052-204	ug/l	620	10000	190	620	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	370	370	FALSE
KAFB-106052	GW052-204	ug/l	NS	70	36	70	FALSE
KAFB-106052	GW052-204	ug/l	NS	100	68	100	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	140	140	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106052	GW052-204	ug/l	NS	600	300	600	FALSE
KAFB-106052	GW052-204	ug/l	10	5	0.46	5	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	38	38	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106052	GW052-204	ug/l	100	80	2.2	80	FALSE
KAFB-106052	GW052-204	ug/l	10	5	4.6	5	FALSE
KAFB-106052	GW052-204	ug/l	60	200	8000	60	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	190	190	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	8	8	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	83	83	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106052	GW052-204	ug/l	2	2	0.19	2	FALSE
KAFB-106052	GW052-204	ug/l	100	5	110	5	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	810	810	FALSE
KAFB-106052	GW052-204	ug/l	NS	80	33	80	FALSE
KAFB-106052	GW052-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106052	GW052-204	ug/l	25	NS	2.8	25	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106052	GW052-204	ug/l	5	7	280	5	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	200	200	FALSE
KAFB-106052	GW052-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106052	GW052-204	ug/l	10	5	2.8	5	FALSE
KAFB-106052	GW052-204	ug/l	100	5	4.9	5	FALSE
KAFB-106052	GW052-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	7	7	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106052	GW052-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	240	240	FALSE
KAFB-106052	GW052-204	ug/l	NS	600	300	600	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	56	56	FALSE
KAFB-106052	GW052-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106052	GW052-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106052	GW052-204	ug/l	NS	NS	690	690	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	450	450	FALSE
KAFB-106052	GW052-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106105	GW105-204	mg/l	600	250	NS	250	FALSE
KAFB-106105	GW105-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106105	GW105-204	mg/l	250	250	NS	250	FALSE
KAFB-106105	GW105-204	mg/l	10	10	NS	10	FALSE
KAFB-106105	GW105-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106105	GW105-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106105	GW105-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106105	GW105-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106105	GW105-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106105	GW105-204	mg/l	1	NS	NS	1	FALSE
KAFB-106105	GW105-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106105	GW105-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106105	GW105-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106105	GW105-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106105	GW105-204	ug/l	750	700	15	700	FALSE
KAFB-106105	GW105-204	ug/l	NS	100	1200	100	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	660	660	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	250	250	FALSE
KAFB-106105	GW105-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106105	GW105-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106105	GW105-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106105	GW105-204	ug/l	10	5	1.7	5	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106105	GW105-204	ug/l	NS	NS	410	410	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	60	120	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	62	62	FALSE
KAFB-106105	GW105-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106105	GW105-204	ug/l	NS	100	78	100	FALSE
KAFB-106105	GW105-204	ug/l	NS	70	11	70	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106105	GW105-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106105	GW105-204	ug/l	20	5	110	5	FALSE
KAFB-106105	GW105-204	ug/l	620	10000	190	620	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	370	370	FALSE
KAFB-106105	GW105-204	ug/l	NS	70	36	70	FALSE
KAFB-106105	GW105-204	ug/l	NS	100	68	100	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	140	140	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106105	GW105-204	ug/l	NS	600	300	600	FALSE
KAFB-106105	GW105-204	ug/l	10	5	0.46	5	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	38	38	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106105	GW105-204	ug/l	100	80	2.2	80	FALSE
KAFB-106105	GW105-204	ug/l	10	5	4.6	5	FALSE
KAFB-106105	GW105-204	ug/l	60	200	8000	60	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	190	190	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	8	8	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	83	83	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106105	GW105-204	ug/l	2	2	0.19	2	FALSE
KAFB-106105	GW105-204	ug/l	100	5	110	5	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	810	810	FALSE
KAFB-106105	GW105-204	ug/l	NS	80	33	80	FALSE
KAFB-106105	GW105-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106105	GW105-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106105	GW105-204	ug/l	5	7	280	5	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	200	200	FALSE
KAFB-106105	GW105-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106105	GW105-204	ug/l	10	5	2.8	5	FALSE
KAFB-106105	GW105-204	ug/l	100	5	4.9	5	FALSE
KAFB-106105	GW105-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	7	7	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106105	GW105-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	240	240	FALSE
KAFB-106105	GW105-204	ug/l	NS	600	300	600	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	56	56	FALSE
KAFB-106105	GW105-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106105	GW105-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106105	GW105-204	ug/l	NS	NS	690	690	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	450	450	FALSE
KAFB-106105	GW105-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-204	mg/l	600	250	NS	250	FALSE
KAFB-106107	GW107-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-204	mg/l	250	250	NS	250	FALSE
KAFB-106107	GW107-204	mg/l	10	10	NS	10	FALSE
KAFB-106107	GW107-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106107	GW107-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-204	mg/l	1	NS	NS	1	FALSE
KAFB-106107	GW107-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106107	GW107-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106107	GW107-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106107	GW107-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106107	GW107-204	ug/l	750	700	15	700	FALSE
KAFB-106107	GW107-204	ug/l	NS	100	1200	100	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	660	660	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	250	250	FALSE
KAFB-106107	GW107-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106107	GW107-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106107	GW107-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106107	GW107-204	ug/l	10	5	1.7	5	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106107	GW107-204	ug/l	NS	NS	410	410	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	60	120	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	62	62	FALSE
KAFB-106107	GW107-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106107	GW107-204	ug/l	NS	100	78	100	FALSE
KAFB-106107	GW107-204	ug/l	NS	70	11	70	FALSE
KAFB-106107	GW107-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106107	GW107-204	ug/l	20	5	110	5	FALSE
KAFB-106107	GW107-204	ug/l	620	10000	190	620	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	370	370	FALSE
KAFB-106107	GW107-204	ug/l	NS	70	36	70	FALSE
KAFB-106107	GW107-204	ug/l	NS	100	68	100	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	140	140	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106107	GW107-204	ug/l	NS	600	300	600	FALSE
KAFB-106107	GW107-204	ug/l	10	5	0.46	5	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	38	38	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106107	GW107-204	ug/l	100	80	2.2	80	FALSE
KAFB-106107	GW107-204	ug/l	10	5	4.6	5	FALSE
KAFB-106107	GW107-204	ug/l	60	200	8000	60	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	190	190	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	8	8	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	83	83	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106107	GW107-204	ug/l	2	2	0.19	2	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106107	GW107-204	ug/l	100	5	110	5	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	810	810	FALSE
KAFB-106107	GW107-204	ug/l	NS	80	33	80	FALSE
KAFB-106107	GW107-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106107	GW107-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106107	GW107-204	ug/l	5	7	280	5	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	200	200	FALSE
KAFB-106107	GW107-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106107	GW107-204	ug/l	10	5	2.8	5	FALSE
KAFB-106107	GW107-204	ug/l	100	5	4.9	5	FALSE
KAFB-106107	GW107-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	7	7	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106107	GW107-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	240	240	FALSE
KAFB-106107	GW107-204	ug/l	NS	600	300	600	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	56	56	FALSE
KAFB-106107	GW107-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106107	GW107-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106107	GW107-204	ug/l	NS	NS	690	690	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	450	450	FALSE
KAFB-106107	GW107-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-204	mg/l	600	250	NS	250	FALSE
KAFB-106206	GW206-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-204	mg/l	250	250	NS	250	FALSE
KAFB-106206	GW206-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-204	mg/l	250	250	NS	250	FALSE
KAFB-106206	GW206-204	mg/l	10	10	NS	10	FALSE
KAFB-106206	GW206-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-204	mg/l	1	NS	NS	1	FALSE
KAFB-106206	GW206-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106206	GW206-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106206	GW206-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106206	GW206-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106206	GW206-204	ug/l	750	700	15	700	FALSE
KAFB-106206	GW206-204	ug/l	NS	100	1200	100	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	660	660	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	250	250	FALSE
KAFB-106206	GW206-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106206	GW206-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106206	GW206-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106206	GW206-204	ug/l	10	5	1.7	5	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106206	GW206-204	ug/l	NS	NS	410	410	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	6300	1200	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106206	GW206-204	ug/l	NS	NS	60	120	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	62	62	FALSE
KAFB-106206	GW206-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106206	GW206-204	ug/l	NS	100	78	100	FALSE
KAFB-106206	GW206-204	ug/l	NS	70	11	70	FALSE
KAFB-106206	GW206-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106206	GW206-204	ug/l	20	5	110	5	FALSE
KAFB-106206	GW206-204	ug/l	620	10000	190	620	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	370	370	FALSE
KAFB-106206	GW206-204	ug/l	NS	70	36	70	FALSE
KAFB-106206	GW206-204	ug/l	NS	100	68	100	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	140	140	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106206	GW206-204	ug/l	NS	600	300	600	FALSE
KAFB-106206	GW206-204	ug/l	10	5	0.46	5	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	38	38	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106206	GW206-204	ug/l	100	80	2.2	80	FALSE
KAFB-106206	GW206-204	ug/l	10	5	4.6	5	FALSE
KAFB-106206	GW206-204	ug/l	60	200	8000	60	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	190	190	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	8	8	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	83	83	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106206	GW206-204	ug/l	2	2	0.19	2	FALSE
KAFB-106206	GW206-204	ug/l	100	5	110	5	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	810	810	FALSE
KAFB-106206	GW206-204	ug/l	NS	80	33	80	FALSE
KAFB-106206	GW206-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106206	GW206-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106206	GW206-204	ug/l	5	7	280	5	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	200	200	FALSE
KAFB-106206	GW206-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106206	GW206-204	ug/l	10	5	2.8	5	FALSE
KAFB-106206	GW206-204	ug/l	100	5	4.9	5	FALSE
KAFB-106206	GW206-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	7	7	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106206	GW206-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	240	240	FALSE
KAFB-106206	GW206-204	ug/l	NS	600	300	600	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	56	56	FALSE
KAFB-106206	GW206-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106206	GW206-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106206	GW206-204	ug/l	NS	NS	690	690	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	450	450	FALSE
KAFB-106206	GW206-204	ug/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106009	GW009-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-204	mg/l	600	250	NS	250	FALSE
KAFB-106009	GW009-204	mg/l	250	250	NS	250	FALSE
KAFB-106009	GW009-204	mg/l	10	10	NS	10	FALSE
KAFB-106009	GW009-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-204	mg/l	1	NS	NS	1	FALSE
KAFB-106009	GW009-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106009	GW009-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106009	GW009-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106009	GW009-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106009	GW009-204	ug/l	750	700	15	700	FALSE
KAFB-106009	GW009-204	ug/l	NS	100	1200	100	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106009	GW009-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106009	GW009-204	ug/l	NS	NS	660	660	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	250	250	FALSE
KAFB-106009	GW009-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106009	GW009-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106009	GW009-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106009	GW009-204	ug/l	10	5	1.7	5	TRUE
KAFB-106009	GW009-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106009	GW009-204	ug/l	NS	NS	410	410	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	60	120	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	62	62	FALSE
KAFB-106009	GW009-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106009	GW009-204	ug/l	NS	100	78	100	FALSE
KAFB-106009	GW009-204	ug/l	NS	70	11	70	FALSE
KAFB-106009	GW009-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106009	GW009-204	ug/l	20	5	110	5	TRUE
KAFB-106009	GW009-204	ug/l	620	10000	190	620	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	370	370	FALSE
KAFB-106009	GW009-204	ug/l	NS	70	36	70	FALSE
KAFB-106009	GW009-204	ug/l	NS	100	68	100	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	140	140	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106009	GW009-204	ug/l	NS	600	300	600	FALSE
KAFB-106009	GW009-204	ug/l	10	5	0.46	5	TRUE
KAFB-106009	GW009-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	38	38	TRUE
KAFB-106009	GW009-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	5.7	5.7	TRUE
KAFB-106009	GW009-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106009	GW009-204	ug/l	100	80	2.2	80	FALSE
KAFB-106009	GW009-204	ug/l	10	5	4.6	5	TRUE
KAFB-106009	GW009-204	ug/l	60	200	8000	60	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	7.5	7.5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106009	GW009-204	ug/l	NS	NS	190	190	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	8	8	TRUE
KAFB-106009	GW009-204	ug/l	NS	NS	83	83	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106009	GW009-204	ug/l	2	2	0.19	2	TRUE
KAFB-106009	GW009-204	ug/l	100	5	110	5	TRUE
KAFB-106009	GW009-204	ug/l	NS	NS	810	810	FALSE
KAFB-106009	GW009-204	ug/l	NS	80	33	80	FALSE
KAFB-106009	GW009-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106009	GW009-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106009	GW009-204	ug/l	5	7	280	5	TRUE
KAFB-106009	GW009-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	200	200	FALSE
KAFB-106009	GW009-204	ug/l	NS	5	8.25	5	TRUE
KAFB-106009	GW009-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106009	GW009-204	ug/l	10	5	2.8	5	TRUE
KAFB-106009	GW009-204	ug/l	100	5	4.9	5	TRUE
KAFB-106009	GW009-204	ug/l	10	NS	0.76	10	TRUE
KAFB-106009	GW009-204	ug/l	NS	NS	7	7	TRUE
KAFB-106009	GW009-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106009	GW009-204	ug/l	30	NS	1.2	30	TRUE
KAFB-106009	GW009-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	240	240	FALSE
KAFB-106009	GW009-204	ug/l	NS	600	300	600	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	56	56	FALSE
KAFB-106009	GW009-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106009	GW009-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106009	GW009-204	ug/l	NS	NS	690	690	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	450	450	FALSE
KAFB-106009	GW009-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-204	mg/l	600	250	NS	250	FALSE
KAFB-106241-428	GW241-428-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-204	mg/l	250	250	NS	250	FALSE
KAFB-106241-428	GW241-428-204	mg/l	10	10	NS	10	FALSE
KAFB-106241-428	GW241-428-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-204	mg/l	1	NS	NS	1	FALSE
KAFB-106241-428	GW241-428-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106241-428	GW241-428-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106241-428	GW241-428-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106241-428	GW241-428-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106241-428	GW241-428-204	ug/l	750	700	15	700	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	100	1200	100	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	660	660	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	250	250	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106241-428	GW241-428-204	ug/l	0.05	0.05	0.075	0.05	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106241-428	GW241-428-204	ug/l	10	5	1.7	5	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	410	410	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	60	120	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	62	62	FALSE
KAFB-106241-428	GW241-428-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	100	78	100	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	70	11	70	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106241-428	GW241-428-204	ug/l	20	5	110	5	FALSE
KAFB-106241-428	GW241-428-204	ug/l	620	10000	190	620	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	370	370	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	70	36	70	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	100	68	100	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	140	140	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	600	300	600	FALSE
KAFB-106241-428	GW241-428-204	ug/l	10	5	0.46	5	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	38	38	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106241-428	GW241-428-204	ug/l	100	80	2.2	80	FALSE
KAFB-106241-428	GW241-428-204	ug/l	10	5	4.6	5	FALSE
KAFB-106241-428	GW241-428-204	ug/l	10	5	4.6	5	FALSE
KAFB-106241-428	GW241-428-204	ug/l	60	200	8000	60	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	190	190	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	8	8	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	83	83	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106241-428	GW241-428-204	ug/l	2	2	0.19	2	FALSE
KAFB-106241-428	GW241-428-204	ug/l	100	5	110	5	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	810	810	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	80	33	80	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106241-428	GW241-428-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106241-428	GW241-428-204	ug/l	5	7	280	5	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	200	200	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106241-428	GW241-428-204	ug/l	10	5	2.8	5	FALSE
KAFB-106241-428	GW241-428-204	ug/l	100	5	4.9	5	FALSE
KAFB-106241-428	GW241-428-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	7	7	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106241-428	GW241-428-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	240	240	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	600	300	600	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	56	56	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106241-428	GW241-428-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	690	690	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	450	450	FALSE
KAFB-106241-428	GW241-428-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-204	mg/l	600	250	NS	250	FALSE
KAFB-106003	GW003-204	mg/l	250	250	NS	250	FALSE
KAFB-106003	GW003-204	mg/l	10	10	NS	10	FALSE
KAFB-106003	GW003-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-204	mg/l	1	NS	NS	1	FALSE
KAFB-106003	GW003-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106003	GW003-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106003	GW003-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106003	GW003-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106003	GW003-204	ug/l	750	700	15	700	FALSE
KAFB-106003	GW003-204	ug/l	NS	100	1200	100	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	660	660	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	250	250	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	250	250	FALSE
KAFB-106003	GW003-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106003	GW003-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106003	GW003-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106003	GW003-204	ug/l	10	5	1.7	5	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106003	GW003-204	ug/l	NS	NS	410	410	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	60	120	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	62	62	FALSE
KAFB-106003	GW003-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106003	GW003-204	ug/l	NS	100	78	100	FALSE
KAFB-106003	GW003-204	ug/l	NS	70	11	70	FALSE
KAFB-106003	GW003-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106003	GW003-204	ug/l	20	5	110	5	FALSE
KAFB-106003	GW003-204	ug/l	620	10000	190	620	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	370	370	FALSE
KAFB-106003	GW003-204	ug/l	NS	70	36	70	FALSE
KAFB-106003	GW003-204	ug/l	NS	100	68	100	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	140	140	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106003	GW003-204	ug/l	NS	600	300	600	FALSE
KAFB-106003	GW003-204	ug/l	10	5	0.46	5	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	38	38	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	5.7	5.7	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106003	GW003-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106003	GW003-204	ug/l	100	80	2.2	80	FALSE
KAFB-106003	GW003-204	ug/l	10	5	4.6	5	FALSE
KAFB-106003	GW003-204	ug/l	60	200	8000	60	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	190	190	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	8	8	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	83	83	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106003	GW003-204	ug/l	2	2	0.19	2	FALSE
KAFB-106003	GW003-204	ug/l	100	5	110	5	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	810	810	FALSE
KAFB-106003	GW003-204	ug/l	NS	80	33	80	FALSE
KAFB-106003	GW003-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106003	GW003-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106003	GW003-204	ug/l	5	7	280	5	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	200	200	FALSE
KAFB-106003	GW003-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106003	GW003-204	ug/l	10	5	2.8	5	FALSE
KAFB-106003	GW003-204	ug/l	100	5	4.9	5	FALSE
KAFB-106003	GW003-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	7	7	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106003	GW003-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	240	240	FALSE
KAFB-106003	GW003-204	ug/l	NS	600	300	600	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	56	56	FALSE
KAFB-106003	GW003-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106003	GW003-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106003	GW003-204	ug/l	NS	NS	690	690	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	450	450	FALSE
KAFB-106003	GW003-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-204	mg/l	600	250	NS	250	FALSE
KAFB-106085	GW085-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-204	mg/l	250	250	NS	250	FALSE
KAFB-106085	GW085-204	mg/l	10	10	NS	10	FALSE
KAFB-106085	GW085-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106085	GW085-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-204	mg/l	1	NS	NS	1	FALSE
KAFB-106085	GW085-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106085	GW085-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106085	GW085-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106085	GW085-204	ug/l	750	700	15	700	FALSE
KAFB-106085	GW085-204	ug/l	NS	100	1200	100	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	4.7	4.7	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106085	GW085-204	ug/l	NS	NS	660	660	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	250	250	FALSE
KAFB-106085	GW085-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106085	GW085-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106085	GW085-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106085	GW085-204	ug/l	10	5	1.7	5	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106085	GW085-204	ug/l	NS	NS	410	410	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	60	120	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	62	62	FALSE
KAFB-106085	GW085-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106085	GW085-204	ug/l	NS	100	78	100	FALSE
KAFB-106085	GW085-204	ug/l	NS	70	11	70	FALSE
KAFB-106085	GW085-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106085	GW085-204	ug/l	20	5	110	5	FALSE
KAFB-106085	GW085-204	ug/l	620	10000	190	620	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	370	370	FALSE
KAFB-106085	GW085-204	ug/l	NS	70	36	70	FALSE
KAFB-106085	GW085-204	ug/l	NS	100	68	100	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	140	140	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106085	GW085-204	ug/l	NS	600	300	600	FALSE
KAFB-106085	GW085-204	ug/l	10	5	0.46	5	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	38	38	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	38	38	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106085	GW085-204	ug/l	100	80	2.2	80	FALSE
KAFB-106085	GW085-204	ug/l	10	5	4.6	5	FALSE
KAFB-106085	GW085-204	ug/l	60	200	8000	60	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	190	190	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	8	8	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	83	83	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106085	GW085-204	ug/l	2	2	0.19	2	FALSE
KAFB-106085	GW085-204	ug/l	100	5	110	5	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	810	810	FALSE
KAFB-106085	GW085-204	ug/l	NS	80	33	80	FALSE
KAFB-106085	GW085-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106085	GW085-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106085	GW085-204	ug/l	5	7	280	5	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	200	200	FALSE
KAFB-106085	GW085-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106085	GW085-204	ug/l	10	5	2.8	5	FALSE
KAFB-106085	GW085-204	ug/l	100	5	4.9	5	FALSE
KAFB-106085	GW085-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	7	7	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	1.4	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106085	GW085-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	240	240	FALSE
KAFB-106085	GW085-204	ug/l	NS	600	300	600	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	56	56	FALSE
KAFB-106085	GW085-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106085	GW085-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106085	GW085-204	ug/l	NS	NS	690	690	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	450	450	FALSE
KAFB-106085	GW085-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-604	mg/l	600	250	NS	250	FALSE
KAFB-106085	GW085-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-604	mg/l	250	250	NS	250	FALSE
KAFB-106085	GW085-604	mg/l	10	10	NS	10	FALSE
KAFB-106085	GW085-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-604	mg/l	1	NS	NS	1	FALSE
KAFB-106085	GW085-604	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106085	GW085-604	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106085	GW085-604	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106085	GW085-604	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106085	GW085-604	ug/l	750	700	15	700	FALSE
KAFB-106085	GW085-604	ug/l	NS	100	1200	100	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	660	660	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	1000	1000	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	250	250	FALSE
KAFB-106085	GW085-604	ug/l	NS	75	4.8	75	FALSE
KAFB-106085	GW085-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106085	GW085-604	ug/l	NS	NS	0.042	100	TRUE
KAFB-106085	GW085-604	ug/l	10	5	1.7	5	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	0.52	20	TRUE
KAFB-106085	GW085-604	ug/l	NS	NS	410	410	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	6300	1200	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	60	120	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	62	62	FALSE
KAFB-106085	GW085-604	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106085	GW085-604	ug/l	NS	100	78	100	FALSE
KAFB-106085	GW085-604	ug/l	NS	70	11	70	FALSE
KAFB-106085	GW085-604	ug/l	NS	80	1.7	80	FALSE
KAFB-106085	GW085-604	ug/l	20	5	110	5	FALSE
KAFB-106085	GW085-604	ug/l	620	10000	190	620	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	2000	2000	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	370	370	FALSE
KAFB-106085	GW085-604	ug/l	NS	70	36	70	FALSE
KAFB-106085	GW085-604	ug/l	NS	100	68	100	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	140	140	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106085	GW085-604	ug/l	NS	600	300	600	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106085	GW085-604	ug/l	10	5	0.46	5	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	38	38	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	14000	14000	FALSE
KAFB-106085	GW085-604	ug/l	100	80	2.2	80	FALSE
KAFB-106085	GW085-604	ug/l	10	5	4.6	5	FALSE
KAFB-106085	GW085-604	ug/l	60	200	8000	60	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	190	190	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	8	8	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	83	83	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106085	GW085-604	ug/l	2	2	0.19	2	FALSE
KAFB-106085	GW085-604	ug/l	100	5	110	5	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	810	810	FALSE
KAFB-106085	GW085-604	ug/l	NS	80	33	80	FALSE
KAFB-106085	GW085-604	ug/l	NS	80	1.3	80	FALSE
KAFB-106085	GW085-604	ug/l	25	NS	2.8	25	FALSE
KAFB-106085	GW085-604	ug/l	5	7	280	5	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	5200	1100	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	200	200	FALSE
KAFB-106085	GW085-604	ug/l	NS	5	8.25	5	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	5600	5600	FALSE
KAFB-106085	GW085-604	ug/l	10	5	2.8	5	FALSE
KAFB-106085	GW085-604	ug/l	100	5	4.9	5	FALSE
KAFB-106085	GW085-604	ug/l	10	NS	0.76	10	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	7	7	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	1.4	5	TRUE
KAFB-106085	GW085-604	ug/l	30	NS	1.2	30	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	240	240	FALSE
KAFB-106085	GW085-604	ug/l	NS	600	300	600	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	56	56	FALSE
KAFB-106085	GW085-604	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106085	GW085-604	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106085	GW085-604	ug/l	NS	NS	690	690	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	450	450	FALSE
KAFB-106085	GW085-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-204	mg/l	600	250	NS	250	FALSE
KAFB-106086	GW086-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-204	mg/l	250	250	NS	250	FALSE
KAFB-106086	GW086-204	mg/l	10	10	NS	10	FALSE
KAFB-106086	GW086-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-204	mg/l	1	NS	NS	1	FALSE
KAFB-106086	GW086-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106086	GW086-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106086	GW086-204	mg/l	0.01	0.01	0.00052	0.01	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106086	GW086-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106086	GW086-204	ug/l	750	700	15	700	FALSE
KAFB-106086	GW086-204	ug/l	NS	100	1200	100	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	660	660	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	250	250	FALSE
KAFB-106086	GW086-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106086	GW086-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106086	GW086-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106086	GW086-204	ug/l	10	5	1.7	5	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106086	GW086-204	ug/l	NS	NS	410	410	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	60	120	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	62	62	FALSE
KAFB-106086	GW086-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106086	GW086-204	ug/l	NS	100	78	100	FALSE
KAFB-106086	GW086-204	ug/l	NS	70	11	70	FALSE
KAFB-106086	GW086-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106086	GW086-204	ug/l	20	5	110	5	FALSE
KAFB-106086	GW086-204	ug/l	620	10000	190	620	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	370	370	FALSE
KAFB-106086	GW086-204	ug/l	NS	70	36	70	FALSE
KAFB-106086	GW086-204	ug/l	NS	100	68	100	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	140	140	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	140	140	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106086	GW086-204	ug/l	NS	600	300	600	FALSE
KAFB-106086	GW086-204	ug/l	10	5	0.46	5	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	38	38	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106086	GW086-204	ug/l	100	80	2.2	80	FALSE
KAFB-106086	GW086-204	ug/l	10	5	4.6	5	FALSE
KAFB-106086	GW086-204	ug/l	60	200	8000	60	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	190	190	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	8	8	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	83	83	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106086	GW086-204	ug/l	2	2	0.19	2	FALSE
KAFB-106086	GW086-204	ug/l	100	5	110	5	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	810	810	FALSE
KAFB-106086	GW086-204	ug/l	NS	80	33	80	FALSE
KAFB-106086	GW086-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106086	GW086-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106086	GW086-204	ug/l	5	7	280	5	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	200	200	FALSE
KAFB-106086	GW086-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	5600	5600	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106086	GW086-204	ug/l	10	5	2.8	5	FALSE
KAFB-106086	GW086-204	ug/l	100	5	4.9	5	FALSE
KAFB-106086	GW086-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	7	7	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106086	GW086-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	240	240	FALSE
KAFB-106086	GW086-204	ug/l	NS	600	300	600	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	56	56	FALSE
KAFB-106086	GW086-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106086	GW086-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106086	GW086-204	ug/l	NS	NS	690	690	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	450	450	FALSE
KAFB-106086	GW086-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-204	mg/l	600	250	NS	250	FALSE
KAFB-106087	GW087-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-204	mg/l	250	250	NS	250	FALSE
KAFB-106087	GW087-204	mg/l	10	10	NS	10	FALSE
KAFB-106087	GW087-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-204	mg/l	1	NS	NS	1	FALSE
KAFB-106087	GW087-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106087	GW087-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106087	GW087-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106087	GW087-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106087	GW087-204	ug/l	750	700	15	700	FALSE
KAFB-106087	GW087-204	ug/l	NS	100	1200	100	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	660	660	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	250	250	FALSE
KAFB-106087	GW087-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106087	GW087-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106087	GW087-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106087	GW087-204	ug/l	10	5	1.7	5	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106087	GW087-204	ug/l	NS	NS	410	410	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	60	120	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	62	62	FALSE
KAFB-106087	GW087-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106087	GW087-204	ug/l	NS	100	78	100	FALSE
KAFB-106087	GW087-204	ug/l	NS	70	11	70	FALSE
KAFB-106087	GW087-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106087	GW087-204	ug/l	20	5	110	5	FALSE
KAFB-106087	GW087-204	ug/l	620	10000	190	620	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	370	370	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106087	GW087-204	ug/l	NS	70	36	70	FALSE
KAFB-106087	GW087-204	ug/l	NS	100	68	100	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	140	140	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106087	GW087-204	ug/l	NS	600	300	600	FALSE
KAFB-106087	GW087-204	ug/l	10	5	0.46	5	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	38	38	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106087	GW087-204	ug/l	100	80	2.2	80	FALSE
KAFB-106087	GW087-204	ug/l	10	5	4.6	5	FALSE
KAFB-106087	GW087-204	ug/l	60	200	8000	60	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	190	190	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	8	8	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	83	83	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106087	GW087-204	ug/l	2	2	0.19	2	FALSE
KAFB-106087	GW087-204	ug/l	100	5	110	5	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	810	810	FALSE
KAFB-106087	GW087-204	ug/l	NS	80	33	80	FALSE
KAFB-106087	GW087-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106087	GW087-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106087	GW087-204	ug/l	5	7	280	5	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	200	200	FALSE
KAFB-106087	GW087-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106087	GW087-204	ug/l	10	5	2.8	5	FALSE
KAFB-106087	GW087-204	ug/l	100	5	4.9	5	FALSE
KAFB-106087	GW087-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	7	7	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106087	GW087-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	240	240	FALSE
KAFB-106087	GW087-204	ug/l	NS	600	300	600	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	56	56	FALSE
KAFB-106087	GW087-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106087	GW087-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106087	GW087-204	ug/l	NS	NS	690	690	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	450	450	FALSE
KAFB-106087	GW087-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106013	GW013-204	mg/l	600	250	NS	250	FALSE
KAFB-106013	GW013-204	mg/l	250	250	NS	250	FALSE
KAFB-106013	GW013-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106013	GW013-204	mg/l	10	10	NS	10	FALSE
KAFB-106013	GW013-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106013	GW013-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106013	GW013-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106013	GW013-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106013	GW013-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106013	GW013-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106013	GW013-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106013	GW013-204	mg/l	1	NS	NS	1	FALSE
KAFB-106013	GW013-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106013	GW013-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106013	GW013-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106013	GW013-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106013	GW013-204	ug/l	750	700	15	700	FALSE
KAFB-106013	GW013-204	ug/l	NS	100	1200	100	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	660	660	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	250	250	FALSE
KAFB-106013	GW013-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106013	GW013-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106013	GW013-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106013	GW013-204	ug/l	10	5	1.7	5	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106013	GW013-204	ug/l	NS	NS	410	410	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	60	120	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	62	62	FALSE
KAFB-106013	GW013-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106013	GW013-204	ug/l	NS	100	78	100	FALSE
KAFB-106013	GW013-204	ug/l	NS	70	11	70	FALSE
KAFB-106013	GW013-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106013	GW013-204	ug/l	20	5	110	5	FALSE
KAFB-106013	GW013-204	ug/l	620	10000	190	620	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	370	370	FALSE
KAFB-106013	GW013-204	ug/l	NS	70	36	70	FALSE
KAFB-106013	GW013-204	ug/l	NS	100	68	100	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	140	140	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106013	GW013-204	ug/l	NS	600	300	600	FALSE
KAFB-106013	GW013-204	ug/l	10	5	0.46	5	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	38	38	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106013	GW013-204	ug/l	100	80	2.2	80	FALSE
KAFB-106013	GW013-204	ug/l	10	5	4.6	5	FALSE
KAFB-106013	GW013-204	ug/l	60	200	8000	60	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	190	190	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	8	8	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	83	83	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106013	GW013-204	ug/l	2	2	0.19	2	FALSE
KAFB-106013	GW013-204	ug/l	100	5	110	5	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	810	810	FALSE
KAFB-106013	GW013-204	ug/l	NS	80	33	80	FALSE
KAFB-106013	GW013-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106013	GW013-204	ug/l	25	NS	2.8	25	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106013	GW013-204	ug/l	5	7	280	5	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	200	200	FALSE
KAFB-106013	GW013-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106013	GW013-204	ug/l	10	5	2.8	5	FALSE
KAFB-106013	GW013-204	ug/l	100	5	4.9	5	FALSE
KAFB-106013	GW013-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	7	7	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106013	GW013-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	240	240	FALSE
KAFB-106013	GW013-204	ug/l	NS	600	300	600	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	56	56	FALSE
KAFB-106013	GW013-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106013	GW013-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106013	GW013-204	ug/l	NS	NS	690	690	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	450	450	FALSE
KAFB-106013	GW013-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-204	mg/l	600	250	NS	250	FALSE
KAFB-106071	GW071-204	mg/l	250	250	NS	250	FALSE
KAFB-106071	GW071-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-204	mg/l	10	10	NS	10	FALSE
KAFB-106071	GW071-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-204	mg/l	1	NS	NS	1	FALSE
KAFB-106071	GW071-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106071	GW071-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106071	GW071-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106071	GW071-204	ug/l	750	700	15	700	FALSE
KAFB-106071	GW071-204	ug/l	NS	100	1200	100	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	660	660	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	250	250	FALSE
KAFB-106071	GW071-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106071	GW071-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106071	GW071-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106071	GW071-204	ug/l	10	5	1.7	5	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106071	GW071-204	ug/l	NS	NS	410	410	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	60	120	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	62	62	FALSE
KAFB-106071	GW071-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106071	GW071-204	ug/l	NS	100	78	100	FALSE
KAFB-106071	GW071-204	ug/l	NS	70	11	70	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106071	GW071-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106071	GW071-204	ug/l	20	5	110	5	FALSE
KAFB-106071	GW071-204	ug/l	620	10000	190	620	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	370	370	FALSE
KAFB-106071	GW071-204	ug/l	NS	70	36	70	FALSE
KAFB-106071	GW071-204	ug/l	NS	100	68	100	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	140	140	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106071	GW071-204	ug/l	NS	600	300	600	FALSE
KAFB-106071	GW071-204	ug/l	10	5	0.46	5	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	38	38	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106071	GW071-204	ug/l	100	80	2.2	80	FALSE
KAFB-106071	GW071-204	ug/l	10	5	4.6	5	FALSE
KAFB-106071	GW071-204	ug/l	60	200	8000	60	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	190	190	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	8	8	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	83	83	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106071	GW071-204	ug/l	2	2	0.19	2	FALSE
KAFB-106071	GW071-204	ug/l	100	5	110	5	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	810	810	FALSE
KAFB-106071	GW071-204	ug/l	NS	80	33	80	FALSE
KAFB-106071	GW071-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106071	GW071-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106071	GW071-204	ug/l	5	7	280	5	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	200	200	FALSE
KAFB-106071	GW071-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106071	GW071-204	ug/l	10	5	2.8	5	FALSE
KAFB-106071	GW071-204	ug/l	100	5	4.9	5	FALSE
KAFB-106071	GW071-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	7	7	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106071	GW071-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	240	240	FALSE
KAFB-106071	GW071-204	ug/l	NS	600	300	600	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	56	56	FALSE
KAFB-106071	GW071-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106071	GW071-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106071	GW071-204	ug/l	NS	NS	690	690	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	450	450	FALSE
KAFB-106071	GW071-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-204	mg/l	600	250	NS	250	FALSE
KAFB-106070	GW070-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-204	mg/l	250	250	NS	250	FALSE
KAFB-106070	GW070-204	mg/l	10	10	NS	10	FALSE
KAFB-106070	GW070-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106070	GW070-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-204	mg/l	1	NS	NS	1	FALSE
KAFB-106070	GW070-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106070	GW070-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106070	GW070-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106070	GW070-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106070	GW070-204	ug/l	750	700	15	700	FALSE
KAFB-106070	GW070-204	ug/l	NS	100	1200	100	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	660	660	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	250	250	FALSE
KAFB-106070	GW070-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106070	GW070-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106070	GW070-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106070	GW070-204	ug/l	10	5	1.7	5	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106070	GW070-204	ug/l	NS	NS	410	410	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	60	120	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	62	62	FALSE
KAFB-106070	GW070-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106070	GW070-204	ug/l	NS	100	78	100	FALSE
KAFB-106070	GW070-204	ug/l	NS	70	11	70	FALSE
KAFB-106070	GW070-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106070	GW070-204	ug/l	20	5	110	5	FALSE
KAFB-106070	GW070-204	ug/l	620	10000	190	620	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	370	370	FALSE
KAFB-106070	GW070-204	ug/l	NS	70	36	70	FALSE
KAFB-106070	GW070-204	ug/l	NS	100	68	100	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	140	140	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106070	GW070-204	ug/l	NS	600	300	600	FALSE
KAFB-106070	GW070-204	ug/l	10	5	0.46	5	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	38	38	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106070	GW070-204	ug/l	100	80	2.2	80	FALSE
KAFB-106070	GW070-204	ug/l	10	5	4.6	5	FALSE
KAFB-106070	GW070-204	ug/l	60	200	8000	60	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	190	190	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	8	8	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	83	83	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106070	GW070-204	ug/l	2	2	0.19	2	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106070	GW070-204	ug/l	100	5	110	5	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	810	810	FALSE
KAFB-106070	GW070-204	ug/l	NS	80	33	80	FALSE
KAFB-106070	GW070-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106070	GW070-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106070	GW070-204	ug/l	5	7	280	5	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	200	200	FALSE
KAFB-106070	GW070-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106070	GW070-204	ug/l	10	5	2.8	5	FALSE
KAFB-106070	GW070-204	ug/l	100	5	4.9	5	FALSE
KAFB-106070	GW070-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	7	7	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106070	GW070-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	240	240	FALSE
KAFB-106070	GW070-204	ug/l	NS	600	300	600	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	56	56	FALSE
KAFB-106070	GW070-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106070	GW070-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106070	GW070-204	ug/l	NS	NS	690	690	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	450	450	FALSE
KAFB-106070	GW070-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-604	mg/l	600	250	NS	250	FALSE
KAFB-106070	GW070-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-604	mg/l	250	250	NS	250	FALSE
KAFB-106070	GW070-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-604	mg/l	250	250	NS	250	FALSE
KAFB-106070	GW070-604	mg/l	10	10	NS	10	FALSE
KAFB-106070	GW070-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-604	mg/l	1	NS	NS	1	FALSE
KAFB-106070	GW070-604	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106070	GW070-604	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106070	GW070-604	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106070	GW070-604	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106070	GW070-604	ug/l	750	700	15	700	FALSE
KAFB-106070	GW070-604	ug/l	NS	100	1200	100	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	660	660	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	1000	1000	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	250	250	FALSE
KAFB-106070	GW070-604	ug/l	NS	75	4.8	75	FALSE
KAFB-106070	GW070-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106070	GW070-604	ug/l	NS	NS	0.042	100	TRUE
KAFB-106070	GW070-604	ug/l	10	5	1.7	5	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	0.52	20	TRUE
KAFB-106070	GW070-604	ug/l	NS	NS	410	410	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	6300	1200	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106070	GW070-604	ug/l	NS	NS	60	120	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	62	62	FALSE
KAFB-106070	GW070-604	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106070	GW070-604	ug/l	NS	100	78	100	FALSE
KAFB-106070	GW070-604	ug/l	NS	70	11	70	FALSE
KAFB-106070	GW070-604	ug/l	NS	80	1.7	80	FALSE
KAFB-106070	GW070-604	ug/l	20	5	110	5	FALSE
KAFB-106070	GW070-604	ug/l	620	10000	190	620	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	2000	2000	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	370	370	FALSE
KAFB-106070	GW070-604	ug/l	NS	70	36	70	FALSE
KAFB-106070	GW070-604	ug/l	NS	100	68	100	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	140	140	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106070	GW070-604	ug/l	NS	600	300	600	FALSE
KAFB-106070	GW070-604	ug/l	10	5	0.46	5	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	38	38	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	14000	14000	FALSE
KAFB-106070	GW070-604	ug/l	100	80	2.2	80	FALSE
KAFB-106070	GW070-604	ug/l	10	5	4.6	5	FALSE
KAFB-106070	GW070-604	ug/l	60	200	8000	60	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	190	190	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	8	8	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	83	83	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106070	GW070-604	ug/l	2	2	0.19	2	FALSE
KAFB-106070	GW070-604	ug/l	100	5	110	5	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	810	810	FALSE
KAFB-106070	GW070-604	ug/l	NS	80	33	80	FALSE
KAFB-106070	GW070-604	ug/l	NS	80	1.3	80	FALSE
KAFB-106070	GW070-604	ug/l	25	NS	2.8	25	FALSE
KAFB-106070	GW070-604	ug/l	5	7	280	5	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	5200	1100	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	200	200	FALSE
KAFB-106070	GW070-604	ug/l	NS	5	8.25	5	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	5600	5600	FALSE
KAFB-106070	GW070-604	ug/l	10	5	2.8	5	FALSE
KAFB-106070	GW070-604	ug/l	100	5	4.9	5	FALSE
KAFB-106070	GW070-604	ug/l	10	NS	0.76	10	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	7	7	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	1.4	5	TRUE
KAFB-106070	GW070-604	ug/l	30	NS	1.2	30	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	240	240	FALSE
KAFB-106070	GW070-604	ug/l	NS	600	300	600	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	56	56	FALSE
KAFB-106070	GW070-604	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106070	GW070-604	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106070	GW070-604	ug/l	NS	NS	690	690	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	450	450	FALSE
KAFB-106070	GW070-604	ug/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106243-425	GW243-425-204	mg/l	600	250	NS	250	FALSE
KAFB-106243-425	GW243-425-204	mg/l	250	250	NS	250	FALSE
KAFB-106243-425	GW243-425-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-204	mg/l	10	10	NS	10	FALSE
KAFB-106243-425	GW243-425-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-204	mg/l	1	NS	NS	1	FALSE
KAFB-106243-425	GW243-425-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106243-425	GW243-425-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106243-425	GW243-425-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106243-425	GW243-425-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106243-425	GW243-425-204	ug/l	750	700	15	700	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	100	1200	100	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	660	660	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	250	250	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106243-425	GW243-425-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106243-425	GW243-425-204	ug/l	10	5	1.7	5	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	410	410	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	60	120	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	62	62	FALSE
KAFB-106243-425	GW243-425-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	100	78	100	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	70	11	70	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106243-425	GW243-425-204	ug/l	20	5	110	5	FALSE
KAFB-106243-425	GW243-425-204	ug/l	620	10000	190	620	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	370	370	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	70	36	70	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	100	68	100	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	140	140	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	600	300	600	FALSE
KAFB-106243-425	GW243-425-204	ug/l	10	5	0.46	5	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	38	38	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106243-425	GW243-425-204	ug/l	100	80	2.2	80	FALSE
KAFB-106243-425	GW243-425-204	ug/l	10	5	4.6	5	FALSE
KAFB-106243-425	GW243-425-204	ug/l	60	200	8000	60	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	7.5	7.5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	190	190	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	8	8	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	83	83	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106243-425	GW243-425-204	ug/l	2	2	0.19	2	FALSE
KAFB-106243-425	GW243-425-204	ug/l	100	5	110	5	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	810	810	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	80	33	80	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106243-425	GW243-425-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106243-425	GW243-425-204	ug/l	5	7	280	5	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	200	200	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106243-425	GW243-425-204	ug/l	10	5	2.8	5	FALSE
KAFB-106243-425	GW243-425-204	ug/l	100	5	4.9	5	FALSE
KAFB-106243-425	GW243-425-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	7	7	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106243-425	GW243-425-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	240	240	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	600	300	600	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	56	56	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	690	690	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	450	450	FALSE
KAFB-106243-425	GW243-425-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-204	mg/l	600	250	NS	250	FALSE
KAFB-106090	GW090-204	mg/l	250	250	NS	250	FALSE
KAFB-106090	GW090-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-204	mg/l	10	10	NS	10	FALSE
KAFB-106090	GW090-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-204	mg/l	1	NS	NS	1	FALSE
KAFB-106090	GW090-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106090	GW090-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106090	GW090-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106090	GW090-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106090	GW090-204	ug/l	750	700	15	700	FALSE
KAFB-106090	GW090-204	ug/l	NS	100	1200	100	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	660	660	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	250	250	FALSE
KAFB-106090	GW090-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106090	GW090-204	ug/l	0.05	0.05	0.075	0.05	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106090	GW090-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106090	GW090-204	ug/l	10	5	1.7	5	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106090	GW090-204	ug/l	NS	NS	410	410	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	60	120	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	62	62	FALSE
KAFB-106090	GW090-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106090	GW090-204	ug/l	NS	100	78	100	FALSE
KAFB-106090	GW090-204	ug/l	NS	70	11	70	FALSE
KAFB-106090	GW090-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106090	GW090-204	ug/l	20	5	110	5	FALSE
KAFB-106090	GW090-204	ug/l	620	10000	190	620	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	370	370	FALSE
KAFB-106090	GW090-204	ug/l	NS	70	36	70	FALSE
KAFB-106090	GW090-204	ug/l	NS	100	68	100	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	140	140	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106090	GW090-204	ug/l	NS	600	300	600	FALSE
KAFB-106090	GW090-204	ug/l	10	5	0.46	5	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	38	38	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106090	GW090-204	ug/l	100	80	2.2	80	FALSE
KAFB-106090	GW090-204	ug/l	10	5	4.6	5	FALSE
KAFB-106090	GW090-204	ug/l	60	200	8000	60	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	190	190	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	8	8	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	83	83	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106090	GW090-204	ug/l	2	2	0.19	2	FALSE
KAFB-106090	GW090-204	ug/l	100	5	110	5	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	810	810	FALSE
KAFB-106090	GW090-204	ug/l	NS	80	33	80	FALSE
KAFB-106090	GW090-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106090	GW090-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106090	GW090-204	ug/l	5	7	280	5	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	200	200	FALSE
KAFB-106090	GW090-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106090	GW090-204	ug/l	10	5	2.8	5	FALSE
KAFB-106090	GW090-204	ug/l	100	5	4.9	5	FALSE
KAFB-106090	GW090-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	7	7	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106090	GW090-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	240	240	FALSE
KAFB-106090	GW090-204	ug/l	NS	600	300	600	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	56	56	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106090	GW090-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106090	GW090-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106090	GW090-204	ug/l	NS	NS	690	690	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	450	450	FALSE
KAFB-106090	GW090-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-204	mg/l	600	250	NS	250	FALSE
KAFB-106098	GW098-204	mg/l	250	250	NS	250	FALSE
KAFB-106098	GW098-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-204	mg/l	10	10	NS	10	FALSE
KAFB-106098	GW098-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-204	mg/l	1	NS	NS	1	FALSE
KAFB-106098	GW098-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106098	GW098-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106098	GW098-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106098	GW098-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106098	GW098-204	ug/l	750	700	15	700	FALSE
KAFB-106098	GW098-204	ug/l	NS	100	1200	100	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	660	660	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	250	250	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	250	250	FALSE
KAFB-106098	GW098-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106098	GW098-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106098	GW098-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106098	GW098-204	ug/l	10	5	1.7	5	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106098	GW098-204	ug/l	NS	NS	410	410	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	60	120	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	62	62	FALSE
KAFB-106098	GW098-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106098	GW098-204	ug/l	NS	100	78	100	FALSE
KAFB-106098	GW098-204	ug/l	NS	70	11	70	FALSE
KAFB-106098	GW098-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106098	GW098-204	ug/l	20	5	110	5	FALSE
KAFB-106098	GW098-204	ug/l	620	10000	190	620	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	370	370	FALSE
KAFB-106098	GW098-204	ug/l	NS	70	36	70	FALSE
KAFB-106098	GW098-204	ug/l	NS	100	68	100	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	140	140	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106098	GW098-204	ug/l	NS	600	300	600	FALSE
KAFB-106098	GW098-204	ug/l	10	5	0.46	5	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	38	38	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	5.7	5.7	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106098	GW098-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106098	GW098-204	ug/l	100	80	2.2	80	FALSE
KAFB-106098	GW098-204	ug/l	10	5	4.6	5	FALSE
KAFB-106098	GW098-204	ug/l	60	200	8000	60	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	190	190	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	8	8	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	83	83	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106098	GW098-204	ug/l	2	2	0.19	2	FALSE
KAFB-106098	GW098-204	ug/l	100	5	110	5	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	810	810	FALSE
KAFB-106098	GW098-204	ug/l	NS	80	33	80	FALSE
KAFB-106098	GW098-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106098	GW098-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106098	GW098-204	ug/l	5	7	280	5	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	200	200	FALSE
KAFB-106098	GW098-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106098	GW098-204	ug/l	10	5	2.8	5	FALSE
KAFB-106098	GW098-204	ug/l	100	5	4.9	5	FALSE
KAFB-106098	GW098-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	7	7	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106098	GW098-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	240	240	FALSE
KAFB-106098	GW098-204	ug/l	NS	600	300	600	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	56	56	FALSE
KAFB-106098	GW098-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106098	GW098-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106098	GW098-204	ug/l	NS	NS	690	690	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	450	450	FALSE
KAFB-106098	GW098-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106089	GW089-204	mg/l	600	250	NS	250	FALSE
KAFB-106089	GW089-204	mg/l	250	250	NS	250	FALSE
KAFB-106089	GW089-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106089	GW089-204	mg/l	10	10	NS	10	FALSE
KAFB-106089	GW089-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106089	GW089-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106089	GW089-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106089	GW089-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106089	GW089-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106089	GW089-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106089	GW089-204	mg/l	1	NS	NS	1	FALSE
KAFB-106089	GW089-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106089	GW089-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106089	GW089-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106089	GW089-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106089	GW089-204	ug/l	750	700	15	700	FALSE
KAFB-106089	GW089-204	ug/l	NS	100	1200	100	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	4.7	4.7	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106089	GW089-204	ug/l	NS	NS	660	660	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	250	250	FALSE
KAFB-106089	GW089-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106089	GW089-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106089	GW089-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106089	GW089-204	ug/l	10	5	1.7	5	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106089	GW089-204	ug/l	NS	NS	410	410	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	60	120	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	62	62	FALSE
KAFB-106089	GW089-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106089	GW089-204	ug/l	NS	100	78	100	FALSE
KAFB-106089	GW089-204	ug/l	NS	70	11	70	FALSE
KAFB-106089	GW089-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106089	GW089-204	ug/l	20	5	110	5	FALSE
KAFB-106089	GW089-204	ug/l	620	10000	190	620	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	370	370	FALSE
KAFB-106089	GW089-204	ug/l	NS	70	36	70	FALSE
KAFB-106089	GW089-204	ug/l	NS	100	68	100	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	140	140	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106089	GW089-204	ug/l	NS	600	300	600	FALSE
KAFB-106089	GW089-204	ug/l	10	5	0.46	5	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	38	38	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	38	38	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106089	GW089-204	ug/l	100	80	2.2	80	FALSE
KAFB-106089	GW089-204	ug/l	10	5	4.6	5	FALSE
KAFB-106089	GW089-204	ug/l	60	200	8000	60	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	190	190	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	8	8	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	83	83	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106089	GW089-204	ug/l	2	2	0.19	2	FALSE
KAFB-106089	GW089-204	ug/l	100	5	110	5	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	810	810	FALSE
KAFB-106089	GW089-204	ug/l	NS	80	33	80	FALSE
KAFB-106089	GW089-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106089	GW089-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106089	GW089-204	ug/l	5	7	280	5	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	200	200	FALSE
KAFB-106089	GW089-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106089	GW089-204	ug/l	10	5	2.8	5	FALSE
KAFB-106089	GW089-204	ug/l	100	5	4.9	5	FALSE
KAFB-106089	GW089-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	7	7	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	1.4	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106089	GW089-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	240	240	FALSE
KAFB-106089	GW089-204	ug/l	NS	600	300	600	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	56	56	FALSE
KAFB-106089	GW089-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106089	GW089-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106089	GW089-204	ug/l	NS	NS	690	690	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	450	450	FALSE
KAFB-106089	GW089-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-204	mg/l	600	250	NS	250	FALSE
KAFB-106023	GW023-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-204	mg/l	250	250	NS	250	FALSE
KAFB-106023	GW023-204	mg/l	10	10	NS	10	FALSE
KAFB-106023	GW023-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-204	mg/l	1	NS	NS	1	FALSE
KAFB-106023	GW023-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106023	GW023-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106023	GW023-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106023	GW023-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106023	GW023-204	ug/l	750	700	15	700	FALSE
KAFB-106023	GW023-204	ug/l	NS	100	1200	100	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	660	660	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	250	250	FALSE
KAFB-106023	GW023-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106023	GW023-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106023	GW023-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106023	GW023-204	ug/l	10	5	1.7	5	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106023	GW023-204	ug/l	NS	NS	410	410	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	60	120	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	62	62	FALSE
KAFB-106023	GW023-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106023	GW023-204	ug/l	NS	100	78	100	FALSE
KAFB-106023	GW023-204	ug/l	NS	70	11	70	FALSE
KAFB-106023	GW023-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106023	GW023-204	ug/l	20	5	110	5	FALSE
KAFB-106023	GW023-204	ug/l	620	10000	190	620	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	370	370	FALSE
KAFB-106023	GW023-204	ug/l	NS	70	36	70	FALSE
KAFB-106023	GW023-204	ug/l	NS	100	68	100	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	140	140	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106023	GW023-204	ug/l	NS	600	300	600	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106023	GW023-204	ug/l	10	5	0.46	5	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	38	38	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106023	GW023-204	ug/l	100	80	2.2	80	FALSE
KAFB-106023	GW023-204	ug/l	10	5	4.6	5	FALSE
KAFB-106023	GW023-204	ug/l	60	200	8000	60	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	190	190	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	8	8	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	83	83	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106023	GW023-204	ug/l	2	2	0.19	2	FALSE
KAFB-106023	GW023-204	ug/l	100	5	110	5	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	810	810	FALSE
KAFB-106023	GW023-204	ug/l	NS	80	33	80	FALSE
KAFB-106023	GW023-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106023	GW023-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106023	GW023-204	ug/l	5	7	280	5	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	200	200	FALSE
KAFB-106023	GW023-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106023	GW023-204	ug/l	10	5	2.8	5	FALSE
KAFB-106023	GW023-204	ug/l	100	5	4.9	5	FALSE
KAFB-106023	GW023-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	7	7	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106023	GW023-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	240	240	FALSE
KAFB-106023	GW023-204	ug/l	NS	600	300	600	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	56	56	FALSE
KAFB-106023	GW023-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106023	GW023-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106023	GW023-204	ug/l	NS	NS	690	690	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	450	450	FALSE
KAFB-106023	GW023-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106103	GW103-204	mg/l	600	250	NS	250	FALSE
KAFB-106103	GW103-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106103	GW103-204	mg/l	250	250	NS	250	FALSE
KAFB-106103	GW103-204	mg/l	10	10	NS	10	FALSE
KAFB-106103	GW103-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106103	GW103-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106103	GW103-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106103	GW103-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106103	GW103-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106103	GW103-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106103	GW103-204	mg/l	1	NS	NS	1	FALSE
KAFB-106103	GW103-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106103	GW103-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106103	GW103-204	mg/l	0.01	0.01	0.00052	0.01	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106103	GW103-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106103	GW103-204	ug/l	750	700	15	700	FALSE
KAFB-106103	GW103-204	ug/l	NS	100	1200	100	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	660	660	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	250	250	FALSE
KAFB-106103	GW103-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106103	GW103-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106103	GW103-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106103	GW103-204	ug/l	10	5	1.7	5	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106103	GW103-204	ug/l	NS	NS	410	410	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	60	120	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	62	62	FALSE
KAFB-106103	GW103-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106103	GW103-204	ug/l	NS	100	78	100	FALSE
KAFB-106103	GW103-204	ug/l	NS	70	11	70	FALSE
KAFB-106103	GW103-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106103	GW103-204	ug/l	20	5	110	5	FALSE
KAFB-106103	GW103-204	ug/l	620	10000	190	620	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	370	370	FALSE
KAFB-106103	GW103-204	ug/l	NS	70	36	70	FALSE
KAFB-106103	GW103-204	ug/l	NS	100	68	100	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	140	140	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	140	140	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106103	GW103-204	ug/l	NS	600	300	600	FALSE
KAFB-106103	GW103-204	ug/l	10	5	0.46	5	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	38	38	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106103	GW103-204	ug/l	100	80	2.2	80	FALSE
KAFB-106103	GW103-204	ug/l	10	5	4.6	5	FALSE
KAFB-106103	GW103-204	ug/l	60	200	8000	60	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	190	190	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	8	8	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	83	83	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106103	GW103-204	ug/l	2	2	0.19	2	FALSE
KAFB-106103	GW103-204	ug/l	100	5	110	5	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	810	810	FALSE
KAFB-106103	GW103-204	ug/l	NS	80	33	80	FALSE
KAFB-106103	GW103-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106103	GW103-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106103	GW103-204	ug/l	5	7	280	5	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	200	200	FALSE
KAFB-106103	GW103-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	5600	5600	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106103	GW103-204	ug/l	10	5	2.8	5	FALSE
KAFB-106103	GW103-204	ug/l	100	5	4.9	5	FALSE
KAFB-106103	GW103-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	7	7	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106103	GW103-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	240	240	FALSE
KAFB-106103	GW103-204	ug/l	NS	600	300	600	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	56	56	FALSE
KAFB-106103	GW103-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106103	GW103-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106103	GW103-204	ug/l	NS	NS	690	690	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	450	450	FALSE
KAFB-106103	GW103-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-204	mg/l	600	250	NS	250	FALSE
KAFB-106104	GW104-204	mg/l	250	250	NS	250	FALSE
KAFB-106104	GW104-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-204	mg/l	10	10	NS	10	FALSE
KAFB-106104	GW104-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-204	mg/l	1	NS	NS	1	FALSE
KAFB-106104	GW104-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106104	GW104-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106104	GW104-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106104	GW104-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106104	GW104-204	ug/l	750	700	15	700	FALSE
KAFB-106104	GW104-204	ug/l	NS	100	1200	100	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	660	660	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	250	250	FALSE
KAFB-106104	GW104-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106104	GW104-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106104	GW104-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106104	GW104-204	ug/l	10	5	1.7	5	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106104	GW104-204	ug/l	NS	NS	410	410	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	60	120	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	62	62	FALSE
KAFB-106104	GW104-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106104	GW104-204	ug/l	NS	100	78	100	FALSE
KAFB-106104	GW104-204	ug/l	NS	70	11	70	FALSE
KAFB-106104	GW104-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106104	GW104-204	ug/l	20	5	110	5	FALSE
KAFB-106104	GW104-204	ug/l	620	10000	190	620	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	370	370	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106104	GW104-204	ug/l	NS	70	36	70	FALSE
KAFB-106104	GW104-204	ug/l	NS	100	68	100	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	140	140	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106104	GW104-204	ug/l	NS	600	300	600	FALSE
KAFB-106104	GW104-204	ug/l	10	5	0.46	5	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	38	38	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106104	GW104-204	ug/l	100	80	2.2	80	FALSE
KAFB-106104	GW104-204	ug/l	10	5	4.6	5	FALSE
KAFB-106104	GW104-204	ug/l	60	200	8000	60	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	190	190	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	8	8	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	83	83	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106104	GW104-204	ug/l	2	2	0.19	2	FALSE
KAFB-106104	GW104-204	ug/l	100	5	110	5	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	810	810	FALSE
KAFB-106104	GW104-204	ug/l	NS	80	33	80	FALSE
KAFB-106104	GW104-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106104	GW104-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106104	GW104-204	ug/l	5	7	280	5	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	200	200	FALSE
KAFB-106104	GW104-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106104	GW104-204	ug/l	10	5	2.8	5	FALSE
KAFB-106104	GW104-204	ug/l	100	5	4.9	5	FALSE
KAFB-106104	GW104-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	7	7	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106104	GW104-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	240	240	FALSE
KAFB-106104	GW104-204	ug/l	NS	600	300	600	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	56	56	FALSE
KAFB-106104	GW104-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106104	GW104-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106104	GW104-204	ug/l	NS	NS	690	690	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	450	450	FALSE
KAFB-106104	GW104-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-204	mg/l	600	250	NS	250	FALSE
KAFB-106097	GW097-204	mg/l	250	250	NS	250	FALSE
KAFB-106097	GW097-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-204	mg/l	10	10	NS	10	FALSE
KAFB-106097	GW097-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106097	GW097-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-204	mg/l	1	NS	NS	1	FALSE
KAFB-106097	GW097-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106097	GW097-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106097	GW097-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106097	GW097-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106097	GW097-204	ug/l	750	700	15	700	FALSE
KAFB-106097	GW097-204	ug/l	NS	100	1200	100	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	660	660	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	250	250	FALSE
KAFB-106097	GW097-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106097	GW097-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106097	GW097-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106097	GW097-204	ug/l	10	5	1.7	5	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106097	GW097-204	ug/l	NS	NS	410	410	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	60	120	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	62	62	FALSE
KAFB-106097	GW097-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106097	GW097-204	ug/l	NS	100	78	100	FALSE
KAFB-106097	GW097-204	ug/l	NS	70	11	70	FALSE
KAFB-106097	GW097-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106097	GW097-204	ug/l	20	5	110	5	FALSE
KAFB-106097	GW097-204	ug/l	620	10000	190	620	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	370	370	FALSE
KAFB-106097	GW097-204	ug/l	NS	70	36	70	FALSE
KAFB-106097	GW097-204	ug/l	NS	100	68	100	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	140	140	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106097	GW097-204	ug/l	NS	600	300	600	FALSE
KAFB-106097	GW097-204	ug/l	10	5	0.46	5	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	38	38	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106097	GW097-204	ug/l	100	80	2.2	80	FALSE
KAFB-106097	GW097-204	ug/l	10	5	4.6	5	FALSE
KAFB-106097	GW097-204	ug/l	60	200	8000	60	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	190	190	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	8	8	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	83	83	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106097	GW097-204	ug/l	2	2	0.19	2	FALSE
KAFB-106097	GW097-204	ug/l	100	5	110	5	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	810	810	FALSE
KAFB-106097	GW097-204	ug/l	NS	80	33	80	FALSE
KAFB-106097	GW097-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106097	GW097-204	ug/l	25	NS	2.8	25	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106097	GW097-204	ug/l	5	7	280	5	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	200	200	FALSE
KAFB-106097	GW097-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106097	GW097-204	ug/l	10	5	2.8	5	FALSE
KAFB-106097	GW097-204	ug/l	100	5	4.9	5	FALSE
KAFB-106097	GW097-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	7	7	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106097	GW097-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	240	240	FALSE
KAFB-106097	GW097-204	ug/l	NS	600	300	600	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	56	56	FALSE
KAFB-106097	GW097-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106097	GW097-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106097	GW097-204	ug/l	NS	NS	690	690	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	450	450	FALSE
KAFB-106097	GW097-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-204	mg/l	600	250	NS	250	FALSE
KAFB-106015	GW015-204	mg/l	250	250	NS	250	FALSE
KAFB-106015	GW015-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-204	mg/l	10	10	NS	10	FALSE
KAFB-106015	GW015-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-204	mg/l	1	NS	NS	1	FALSE
KAFB-106015	GW015-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-204	mg/l	1	NS	NS	1	FALSE
KAFB-106015	GW015-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-204	mg/l	1	NS	NS	1	FALSE
KAFB-106015	GW015-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106015	GW015-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106015	GW015-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106015	GW015-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106015	GW015-204	ug/l	750	700	15	700	FALSE
KAFB-106015	GW015-204	ug/l	NS	100	1200	100	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	660	660	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	250	250	FALSE
KAFB-106015	GW015-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106015	GW015-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106015	GW015-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106015	GW015-204	ug/l	10	5	1.7	5	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106015	GW015-204	ug/l	NS	NS	410	410	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	60	120	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	62	62	FALSE
KAFB-106015	GW015-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106015	GW015-204	ug/l	NS	100	78	100	FALSE
KAFB-106015	GW015-204	ug/l	NS	70	11	70	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106015	GW015-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106015	GW015-204	ug/l	20	5	110	5	FALSE
KAFB-106015	GW015-204	ug/l	620	10000	190	620	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	370	370	FALSE
KAFB-106015	GW015-204	ug/l	NS	70	36	70	FALSE
KAFB-106015	GW015-204	ug/l	NS	100	68	100	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	140	140	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106015	GW015-204	ug/l	NS	600	300	600	FALSE
KAFB-106015	GW015-204	ug/l	10	5	0.46	5	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	38	38	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106015	GW015-204	ug/l	100	80	2.2	80	FALSE
KAFB-106015	GW015-204	ug/l	10	5	4.6	5	FALSE
KAFB-106015	GW015-204	ug/l	60	200	8000	60	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	190	190	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	8	8	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	83	83	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106015	GW015-204	ug/l	2	2	0.19	2	FALSE
KAFB-106015	GW015-204	ug/l	100	5	110	5	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	810	810	FALSE
KAFB-106015	GW015-204	ug/l	NS	80	33	80	FALSE
KAFB-106015	GW015-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106015	GW015-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106015	GW015-204	ug/l	5	7	280	5	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	200	200	FALSE
KAFB-106015	GW015-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106015	GW015-204	ug/l	10	5	2.8	5	FALSE
KAFB-106015	GW015-204	ug/l	100	5	4.9	5	FALSE
KAFB-106015	GW015-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	7	7	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106015	GW015-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	240	240	FALSE
KAFB-106015	GW015-204	ug/l	NS	600	300	600	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	56	56	FALSE
KAFB-106015	GW015-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106015	GW015-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106015	GW015-204	ug/l	NS	NS	690	690	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	450	450	FALSE
KAFB-106015	GW015-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-204	mg/l	600	250	NS	250	FALSE
KAFB-106244-445	GW244-445-204	mg/l	250	250	NS	250	FALSE
KAFB-106244-445	GW244-445-204	mg/l	10	10	NS	10	FALSE
KAFB-106244-445	GW244-445-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106244-445	GW244-445-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-204	mg/l	1	NS	NS	1	FALSE
KAFB-106244-445	GW244-445-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106244-445	GW244-445-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106244-445	GW244-445-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106244-445	GW244-445-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106244-445	GW244-445-204	ug/l	750	700	15	700	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	100	1200	100	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	660	660	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	250	250	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106244-445	GW244-445-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106244-445	GW244-445-204	ug/l	10	5	1.7	5	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	410	410	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	60	120	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	62	62	FALSE
KAFB-106244-445	GW244-445-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	100	78	100	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	70	11	70	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106244-445	GW244-445-204	ug/l	20	5	110	5	FALSE
KAFB-106244-445	GW244-445-204	ug/l	620	10000	190	620	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	370	370	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	70	36	70	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	100	68	100	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	140	140	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	600	300	600	FALSE
KAFB-106244-445	GW244-445-204	ug/l	10	5	0.46	5	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	38	38	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106244-445	GW244-445-204	ug/l	100	80	2.2	80	FALSE
KAFB-106244-445	GW244-445-204	ug/l	10	5	4.6	5	FALSE
KAFB-106244-445	GW244-445-204	ug/l	60	200	8000	60	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	190	190	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	8	8	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	83	83	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106244-445	GW244-445-204	ug/l	2	2	0.19	2	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106244-445	GW244-445-204	ug/l	100	5	110	5	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	810	810	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	80	33	80	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106244-445	GW244-445-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106244-445	GW244-445-204	ug/l	5	7	280	5	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	200	200	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106244-445	GW244-445-204	ug/l	10	5	2.8	5	FALSE
KAFB-106244-445	GW244-445-204	ug/l	100	5	4.9	5	FALSE
KAFB-106244-445	GW244-445-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	7	7	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106244-445	GW244-445-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	240	240	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	600	300	600	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	56	56	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	690	690	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	450	450	FALSE
KAFB-106244-445	GW244-445-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-204	mg/l	600	250	NS	250	FALSE
KAFB-106099	GW099-204	mg/l	250	250	NS	250	FALSE
KAFB-106099	GW099-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-204	mg/l	250	250	NS	250	FALSE
KAFB-106099	GW099-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-204	mg/l	10	10	NS	10	FALSE
KAFB-106099	GW099-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-204	mg/l	1	NS	NS	1	FALSE
KAFB-106099	GW099-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106099	GW099-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106099	GW099-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106099	GW099-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106099	GW099-204	ug/l	750	700	15	700	FALSE
KAFB-106099	GW099-204	ug/l	NS	100	1200	100	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	660	660	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	250	250	FALSE
KAFB-106099	GW099-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106099	GW099-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106099	GW099-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106099	GW099-204	ug/l	10	5	1.7	5	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106099	GW099-204	ug/l	NS	NS	410	410	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	6300	1200	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106099	GW099-204	ug/l	NS	NS	60	120	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	62	62	FALSE
KAFB-106099	GW099-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106099	GW099-204	ug/l	NS	100	78	100	FALSE
KAFB-106099	GW099-204	ug/l	NS	70	11	70	FALSE
KAFB-106099	GW099-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106099	GW099-204	ug/l	20	5	110	5	FALSE
KAFB-106099	GW099-204	ug/l	620	10000	190	620	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	370	370	FALSE
KAFB-106099	GW099-204	ug/l	NS	70	36	70	FALSE
KAFB-106099	GW099-204	ug/l	NS	100	68	100	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	140	140	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106099	GW099-204	ug/l	NS	600	300	600	FALSE
KAFB-106099	GW099-204	ug/l	10	5	0.46	5	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	38	38	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106099	GW099-204	ug/l	100	80	2.2	80	FALSE
KAFB-106099	GW099-204	ug/l	10	5	4.6	5	FALSE
KAFB-106099	GW099-204	ug/l	60	200	8000	60	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	190	190	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	8	8	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	83	83	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106099	GW099-204	ug/l	2	2	0.19	2	FALSE
KAFB-106099	GW099-204	ug/l	100	5	110	5	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	810	810	FALSE
KAFB-106099	GW099-204	ug/l	NS	80	33	80	FALSE
KAFB-106099	GW099-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106099	GW099-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106099	GW099-204	ug/l	5	7	280	5	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	200	200	FALSE
KAFB-106099	GW099-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106099	GW099-204	ug/l	10	5	2.8	5	FALSE
KAFB-106099	GW099-204	ug/l	100	5	4.9	5	FALSE
KAFB-106099	GW099-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	7	7	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106099	GW099-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	240	240	FALSE
KAFB-106099	GW099-204	ug/l	NS	600	300	600	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	56	56	FALSE
KAFB-106099	GW099-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106099	GW099-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106099	GW099-204	ug/l	NS	NS	690	690	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	450	450	FALSE
KAFB-106099	GW099-204	ug/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106064	GW064-204	mg/l	600	250	NS	250	FALSE
KAFB-106064	GW064-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-204	mg/l	250	250	NS	250	FALSE
KAFB-106064	GW064-204	mg/l	10	10	NS	10	FALSE
KAFB-106064	GW064-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-204	mg/l	1	NS	NS	1	FALSE
KAFB-106064	GW064-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106064	GW064-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106064	GW064-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106064	GW064-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106064	GW064-204	ug/l	750	700	15	700	FALSE
KAFB-106064	GW064-204	ug/l	NS	100	1200	100	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106064	GW064-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106064	GW064-204	ug/l	NS	NS	660	660	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	250	250	FALSE
KAFB-106064	GW064-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106064	GW064-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106064	GW064-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106064	GW064-204	ug/l	10	5	1.7	5	TRUE
KAFB-106064	GW064-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106064	GW064-204	ug/l	NS	NS	410	410	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	60	120	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	62	62	FALSE
KAFB-106064	GW064-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106064	GW064-204	ug/l	NS	100	78	100	FALSE
KAFB-106064	GW064-204	ug/l	NS	70	11	70	FALSE
KAFB-106064	GW064-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106064	GW064-204	ug/l	20	5	110	5	TRUE
KAFB-106064	GW064-204	ug/l	620	10000	190	620	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	370	370	FALSE
KAFB-106064	GW064-204	ug/l	NS	70	36	70	FALSE
KAFB-106064	GW064-204	ug/l	NS	100	68	100	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	140	140	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106064	GW064-204	ug/l	NS	600	300	600	FALSE
KAFB-106064	GW064-204	ug/l	10	5	0.46	5	TRUE
KAFB-106064	GW064-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	38	38	TRUE
KAFB-106064	GW064-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106064	GW064-204	ug/l	100	80	2.2	80	FALSE
KAFB-106064	GW064-204	ug/l	60	200	8000	60	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	190	190	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106064	GW064-204	ug/l	NS	NS	8	8	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	83	83	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106064	GW064-204	ug/l	2	2	0.19	2	TRUE
KAFB-106064	GW064-204	ug/l	100	5	110	5	TRUE
KAFB-106064	GW064-204	ug/l	NS	NS	810	810	FALSE
KAFB-106064	GW064-204	ug/l	NS	80	33	80	FALSE
KAFB-106064	GW064-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106064	GW064-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106064	GW064-204	ug/l	5	7	280	5	TRUE
KAFB-106064	GW064-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	200	200	FALSE
KAFB-106064	GW064-204	ug/l	NS	5	8.25	5	TRUE
KAFB-106064	GW064-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106064	GW064-204	ug/l	10	5	2.8	5	TRUE
KAFB-106064	GW064-204	ug/l	100	5	4.9	5	TRUE
KAFB-106064	GW064-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	7	7	TRUE
KAFB-106064	GW064-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106064	GW064-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	240	240	FALSE
KAFB-106064	GW064-204	ug/l	NS	600	300	600	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	56	56	FALSE
KAFB-106064	GW064-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106064	GW064-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106064	GW064-204	ug/l	NS	NS	690	690	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	450	450	FALSE
KAFB-106064	GW064-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106064	GW064-204	ug/l	10	5	4.6	5	TRUE
KAFB-106063	GW063-204	mg/l	600	250	NS	250	FALSE
KAFB-106063	GW063-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-204	mg/l	250	250	NS	250	FALSE
KAFB-106063	GW063-204	mg/l	10	10	NS	10	FALSE
KAFB-106063	GW063-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-204	mg/l	1	NS	NS	1	FALSE
KAFB-106063	GW063-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106063	GW063-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106063	GW063-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106063	GW063-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106063	GW063-204	ug/l	750	700	15	700	FALSE
KAFB-106063	GW063-204	ug/l	NS	100	1200	100	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106063	GW063-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106063	GW063-204	ug/l	NS	NS	660	660	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	250	250	FALSE
KAFB-106063	GW063-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106063	GW063-204	ug/l	0.05	0.05	0.075	0.05	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106063	GW063-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106063	GW063-204	ug/l	10	5	1.7	5	TRUE
KAFB-106063	GW063-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106063	GW063-204	ug/l	NS	NS	410	410	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	60	120	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	62	62	FALSE
KAFB-106063	GW063-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106063	GW063-204	ug/l	NS	100	78	100	FALSE
KAFB-106063	GW063-204	ug/l	NS	70	11	70	FALSE
KAFB-106063	GW063-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106063	GW063-204	ug/l	20	5	110	5	TRUE
KAFB-106063	GW063-204	ug/l	620	10000	190	620	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	370	370	FALSE
KAFB-106063	GW063-204	ug/l	NS	70	36	70	FALSE
KAFB-106063	GW063-204	ug/l	NS	100	68	100	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	140	140	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106063	GW063-204	ug/l	NS	600	300	600	FALSE
KAFB-106063	GW063-204	ug/l	10	5	0.46	5	TRUE
KAFB-106063	GW063-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	38	38	TRUE
KAFB-106063	GW063-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	5.7	5.7	TRUE
KAFB-106063	GW063-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106063	GW063-204	ug/l	100	80	2.2	80	FALSE
KAFB-106063	GW063-204	ug/l	60	200	8000	60	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	7.5	7.5	TRUE
KAFB-106063	GW063-204	ug/l	NS	NS	190	190	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	8	8	TRUE
KAFB-106063	GW063-204	ug/l	NS	NS	83	83	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106063	GW063-204	ug/l	2	2	0.19	2	TRUE
KAFB-106063	GW063-204	ug/l	100	5	110	5	TRUE
KAFB-106063	GW063-204	ug/l	NS	NS	810	810	FALSE
KAFB-106063	GW063-204	ug/l	NS	80	33	80	FALSE
KAFB-106063	GW063-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106063	GW063-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106063	GW063-204	ug/l	5	7	280	5	TRUE
KAFB-106063	GW063-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	200	200	FALSE
KAFB-106063	GW063-204	ug/l	NS	5	8.25	5	TRUE
KAFB-106063	GW063-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106063	GW063-204	ug/l	10	5	2.8	5	TRUE
KAFB-106063	GW063-204	ug/l	100	5	4.9	5	TRUE
KAFB-106063	GW063-204	ug/l	10	NS	0.76	10	TRUE
KAFB-106063	GW063-204	ug/l	NS	NS	7	7	TRUE
KAFB-106063	GW063-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106063	GW063-204	ug/l	30	NS	1.2	30	TRUE
KAFB-106063	GW063-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	240	240	FALSE
KAFB-106063	GW063-204	ug/l	NS	600	300	600	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	56	56	FALSE
KAFB-106063	GW063-204	ug/l	NS	0.2	0.0033	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106063	GW063-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106063	GW063-204	ug/l	NS	NS	690	690	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	450	450	FALSE
KAFB-106063	GW063-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106063	GW063-204	ug/l	10	5	4.6	5	TRUE
KAFB-106004	GW004-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	7	7	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106004	GW004-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	240	240	FALSE
KAFB-106004	GW004-204	ug/l	NS	600	300	600	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	56	56	FALSE
KAFB-106004	GW004-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106004	GW004-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106004	GW004-204	ug/l	NS	NS	690	690	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	450	450	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-204	mg/l	600	250	NS	250	FALSE
KAFB-106004	GW004-204	mg/l	250	250	NS	250	FALSE
KAFB-106004	GW004-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-204	mg/l	10	10	NS	10	FALSE
KAFB-106004	GW004-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-204	mg/l	1	NS	NS	1	FALSE
KAFB-106004	GW004-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106004	GW004-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106004	GW004-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106004	GW004-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106004	GW004-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106004	GW004-204	ug/l	750	700	15	700	FALSE
KAFB-106004	GW004-204	ug/l	NS	100	1200	100	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	660	660	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	250	250	FALSE
KAFB-106004	GW004-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106004	GW004-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106004	GW004-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106004	GW004-204	ug/l	10	5	1.7	5	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106004	GW004-204	ug/l	NS	NS	410	410	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	60	120	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	62	62	FALSE
KAFB-106004	GW004-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106004	GW004-204	ug/l	NS	100	78	100	FALSE
KAFB-106004	GW004-204	ug/l	NS	70	11	70	FALSE
KAFB-106004	GW004-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106004	GW004-204	ug/l	20	5	110	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106004	GW004-204	ug/l	620	10000	190	620	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	370	370	FALSE
KAFB-106004	GW004-204	ug/l	NS	70	36	70	FALSE
KAFB-106004	GW004-204	ug/l	NS	100	68	100	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	140	140	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106004	GW004-204	ug/l	NS	600	300	600	FALSE
KAFB-106004	GW004-204	ug/l	10	5	0.46	5	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	38	38	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106004	GW004-204	ug/l	100	80	2.2	80	FALSE
KAFB-106004	GW004-204	ug/l	10	5	4.6	5	FALSE
KAFB-106004	GW004-204	ug/l	60	200	8000	60	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	190	190	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	8	8	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	83	83	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106004	GW004-204	ug/l	2	2	0.19	2	FALSE
KAFB-106004	GW004-204	ug/l	100	5	110	5	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	810	810	FALSE
KAFB-106004	GW004-204	ug/l	NS	80	33	80	FALSE
KAFB-106004	GW004-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106004	GW004-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106004	GW004-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106004	GW004-204	ug/l	5	7	280	5	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	200	200	FALSE
KAFB-106004	GW004-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106004	GW004-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106004	GW004-204	ug/l	10	5	2.8	5	FALSE
KAFB-106004	GW004-204	ug/l	100	5	4.9	5	FALSE
KAFB-106245-460	GW245-460-204	mg/l	600	250	NS	250	FALSE
KAFB-106245-460	GW245-460-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-204	mg/l	250	250	NS	250	FALSE
KAFB-106245-460	GW245-460-204	mg/l	10	10	NS	10	FALSE
KAFB-106245-460	GW245-460-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-204	mg/l	1	NS	NS	1	FALSE
KAFB-106245-460	GW245-460-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106245-460	GW245-460-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106245-460	GW245-460-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106245-460	GW245-460-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106245-460	GW245-460-204	ug/l	750	700	15	700	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	100	1200	100	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	4.7	4.7	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	660	660	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	250	250	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106245-460	GW245-460-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106245-460	GW245-460-204	ug/l	10	5	1.7	5	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	410	410	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	60	120	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	62	62	FALSE
KAFB-106245-460	GW245-460-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	100	78	100	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	70	11	70	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106245-460	GW245-460-204	ug/l	20	5	110	5	FALSE
KAFB-106245-460	GW245-460-204	ug/l	620	10000	190	620	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	370	370	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	70	36	70	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	100	68	100	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	140	140	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	600	300	600	FALSE
KAFB-106245-460	GW245-460-204	ug/l	10	5	0.46	5	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	38	38	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	38	38	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106245-460	GW245-460-204	ug/l	100	80	2.2	80	FALSE
KAFB-106245-460	GW245-460-204	ug/l	10	5	4.6	5	FALSE
KAFB-106245-460	GW245-460-204	ug/l	60	200	8000	60	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	190	190	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	8	8	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	83	83	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106245-460	GW245-460-204	ug/l	2	2	0.19	2	FALSE
KAFB-106245-460	GW245-460-204	ug/l	100	5	110	5	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	810	810	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	80	33	80	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106245-460	GW245-460-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106245-460	GW245-460-204	ug/l	5	7	280	5	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	200	200	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106245-460	GW245-460-204	ug/l	10	5	2.8	5	FALSE
KAFB-106245-460	GW245-460-204	ug/l	100	5	4.9	5	FALSE
KAFB-106245-460	GW245-460-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	7	7	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	1.4	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106245-460	GW245-460-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	240	240	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	600	300	600	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	56	56	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	690	690	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	450	450	FALSE
KAFB-106245-460	GW245-460-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-204	mg/l	600	250	NS	250	FALSE
KAFB-106247-450	GW247-450-204	mg/l	250	250	NS	250	FALSE
KAFB-106247-450	GW247-450-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-204	mg/l	10	10	NS	10	FALSE
KAFB-106247-450	GW247-450-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-204	mg/l	1	NS	NS	1	FALSE
KAFB-106247-450	GW247-450-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106247-450	GW247-450-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106247-450	GW247-450-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106247-450	GW247-450-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106247-450	GW247-450-204	ug/l	750	700	15	700	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	100	1200	100	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	660	660	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	250	250	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106247-450	GW247-450-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106247-450	GW247-450-204	ug/l	10	5	1.7	5	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	410	410	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	60	120	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	62	62	FALSE
KAFB-106247-450	GW247-450-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	100	78	100	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	70	11	70	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106247-450	GW247-450-204	ug/l	20	5	110	5	FALSE
KAFB-106247-450	GW247-450-204	ug/l	620	10000	190	620	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	370	370	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	70	36	70	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	100	68	100	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	140	140	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	600	300	600	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106247-450	GW247-450-204	ug/l	10	5	0.46	5	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	38	38	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106247-450	GW247-450-204	ug/l	100	80	2.2	80	FALSE
KAFB-106247-450	GW247-450-204	ug/l	10	5	4.6	5	FALSE
KAFB-106247-450	GW247-450-204	ug/l	60	200	8000	60	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	190	190	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	8	8	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	83	83	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106247-450	GW247-450-204	ug/l	2	2	0.19	2	FALSE
KAFB-106247-450	GW247-450-204	ug/l	100	5	110	5	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	810	810	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	80	33	80	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106247-450	GW247-450-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106247-450	GW247-450-204	ug/l	5	7	280	5	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	200	200	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106247-450	GW247-450-204	ug/l	10	5	2.8	5	FALSE
KAFB-106247-450	GW247-450-204	ug/l	100	5	4.9	5	FALSE
KAFB-106247-450	GW247-450-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	7	7	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106247-450	GW247-450-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	240	240	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	600	300	600	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	56	56	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	690	690	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	450	450	FALSE
KAFB-106247-450	GW247-450-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-204	mg/l	600	250	NS	250	FALSE
KAFB-106100	GW100-204	mg/l	250	250	NS	250	FALSE
KAFB-106100	GW100-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-204	mg/l	10	10	NS	10	FALSE
KAFB-106100	GW100-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-204	mg/l	1	NS	NS	1	FALSE
KAFB-106100	GW100-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106100	GW100-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106100	GW100-204	mg/l	0.01	0.01	0.00052	0.01	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106100	GW100-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106100	GW100-204	ug/l	750	700	15	700	FALSE
KAFB-106100	GW100-204	ug/l	NS	100	1200	100	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	660	660	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	250	250	FALSE
KAFB-106100	GW100-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106100	GW100-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106100	GW100-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106100	GW100-204	ug/l	10	5	1.7	5	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106100	GW100-204	ug/l	NS	NS	410	410	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	60	120	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	62	62	FALSE
KAFB-106100	GW100-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106100	GW100-204	ug/l	NS	100	78	100	FALSE
KAFB-106100	GW100-204	ug/l	NS	70	11	70	FALSE
KAFB-106100	GW100-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106100	GW100-204	ug/l	20	5	110	5	FALSE
KAFB-106100	GW100-204	ug/l	620	10000	190	620	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	370	370	FALSE
KAFB-106100	GW100-204	ug/l	NS	70	36	70	FALSE
KAFB-106100	GW100-204	ug/l	NS	100	68	100	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	140	140	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	140	140	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106100	GW100-204	ug/l	NS	600	300	600	FALSE
KAFB-106100	GW100-204	ug/l	10	5	0.46	5	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	38	38	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106100	GW100-204	ug/l	100	80	2.2	80	FALSE
KAFB-106100	GW100-204	ug/l	10	5	4.6	5	FALSE
KAFB-106100	GW100-204	ug/l	60	200	8000	60	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	190	190	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	8	8	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	83	83	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106100	GW100-204	ug/l	2	2	0.19	2	FALSE
KAFB-106100	GW100-204	ug/l	100	5	110	5	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	810	810	FALSE
KAFB-106100	GW100-204	ug/l	NS	80	33	80	FALSE
KAFB-106100	GW100-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106100	GW100-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106100	GW100-204	ug/l	5	7	280	5	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	200	200	FALSE
KAFB-106100	GW100-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	5600	5600	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106100	GW100-204	ug/l	10	5	2.8	5	FALSE
KAFB-106100	GW100-204	ug/l	100	5	4.9	5	FALSE
KAFB-106100	GW100-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	7	7	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106100	GW100-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	240	240	FALSE
KAFB-106100	GW100-204	ug/l	NS	600	300	600	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	56	56	FALSE
KAFB-106100	GW100-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106100	GW100-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106100	GW100-204	ug/l	NS	NS	690	690	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	450	450	FALSE
KAFB-106100	GW100-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-204	mg/l	600	250	NS	250	FALSE
KAFB-106215	GW215-204	mg/l	250	250	NS	250	FALSE
KAFB-106215	GW215-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-204	mg/l	10	10	NS	10	FALSE
KAFB-106215	GW215-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-204	mg/l	1	NS	NS	1	FALSE
KAFB-106215	GW215-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106215	GW215-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106215	GW215-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106215	GW215-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106215	GW215-204	ug/l	750	700	15	700	FALSE
KAFB-106215	GW215-204	ug/l	NS	100	1200	100	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	660	660	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	250	250	FALSE
KAFB-106215	GW215-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106215	GW215-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106215	GW215-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106215	GW215-204	ug/l	10	5	1.7	5	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106215	GW215-204	ug/l	NS	NS	410	410	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	60	120	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	62	62	FALSE
KAFB-106215	GW215-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106215	GW215-204	ug/l	NS	100	78	100	FALSE
KAFB-106215	GW215-204	ug/l	NS	70	11	70	FALSE
KAFB-106215	GW215-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106215	GW215-204	ug/l	20	5	110	5	FALSE
KAFB-106215	GW215-204	ug/l	620	10000	190	620	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	370	370	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106215	GW215-204	ug/l	NS	70	36	70	FALSE
KAFB-106215	GW215-204	ug/l	NS	100	68	100	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	140	140	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106215	GW215-204	ug/l	NS	600	300	600	FALSE
KAFB-106215	GW215-204	ug/l	10	5	0.46	5	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	38	38	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106215	GW215-204	ug/l	100	80	2.2	80	FALSE
KAFB-106215	GW215-204	ug/l	10	5	4.6	5	FALSE
KAFB-106215	GW215-204	ug/l	60	200	8000	60	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	190	190	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	8	8	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	83	83	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106215	GW215-204	ug/l	2	2	0.19	2	FALSE
KAFB-106215	GW215-204	ug/l	100	5	110	5	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	810	810	FALSE
KAFB-106215	GW215-204	ug/l	NS	80	33	80	FALSE
KAFB-106215	GW215-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106215	GW215-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106215	GW215-204	ug/l	5	7	280	5	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	200	200	FALSE
KAFB-106215	GW215-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106215	GW215-204	ug/l	10	5	2.8	5	FALSE
KAFB-106215	GW215-204	ug/l	100	5	4.9	5	FALSE
KAFB-106215	GW215-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	7	7	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106215	GW215-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	240	240	FALSE
KAFB-106215	GW215-204	ug/l	NS	600	300	600	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	56	56	FALSE
KAFB-106215	GW215-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106215	GW215-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106215	GW215-204	ug/l	NS	NS	690	690	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	450	450	FALSE
KAFB-106215	GW215-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-204	mg/l	600	250	NS	250	FALSE
KAFB-106214	GW214-204	mg/l	250	250	NS	250	FALSE
KAFB-106214	GW214-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-204	mg/l	10	10	NS	10	FALSE
KAFB-106214	GW214-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-204	mg/l	1	NS	NS	1	FALSE
KAFB-106214	GW214-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106214	GW214-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106214	GW214-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106214	GW214-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106214	GW214-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106214	GW214-204	ug/l	750	700	15	700	FALSE
KAFB-106214	GW214-204	ug/l	NS	100	1200	100	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	660	660	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	250	250	FALSE
KAFB-106214	GW214-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106214	GW214-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106214	GW214-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106214	GW214-204	ug/l	10	5	1.7	5	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106214	GW214-204	ug/l	NS	NS	410	410	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	60	120	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	62	62	FALSE
KAFB-106214	GW214-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106214	GW214-204	ug/l	NS	100	78	100	FALSE
KAFB-106214	GW214-204	ug/l	NS	70	11	70	FALSE
KAFB-106214	GW214-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106214	GW214-204	ug/l	20	5	110	5	FALSE
KAFB-106214	GW214-204	ug/l	620	10000	190	620	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	370	370	FALSE
KAFB-106214	GW214-204	ug/l	NS	70	36	70	FALSE
KAFB-106214	GW214-204	ug/l	NS	100	68	100	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	140	140	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106214	GW214-204	ug/l	NS	600	300	600	FALSE
KAFB-106214	GW214-204	ug/l	10	5	0.46	5	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	38	38	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106214	GW214-204	ug/l	100	80	2.2	80	FALSE
KAFB-106214	GW214-204	ug/l	10	5	4.6	5	FALSE
KAFB-106214	GW214-204	ug/l	60	200	8000	60	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	190	190	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	8	8	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	83	83	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106214	GW214-204	ug/l	2	2	0.19	2	FALSE
KAFB-106214	GW214-204	ug/l	100	5	110	5	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	810	810	FALSE
KAFB-106214	GW214-204	ug/l	NS	80	33	80	FALSE
KAFB-106214	GW214-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106214	GW214-204	ug/l	25	NS	2.8	25	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106214	GW214-204	ug/l	5	7	280	5	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	200	200	FALSE
KAFB-106214	GW214-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106214	GW214-204	ug/l	10	5	2.8	5	FALSE
KAFB-106214	GW214-204	ug/l	100	5	4.9	5	FALSE
KAFB-106214	GW214-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	7	7	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106214	GW214-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	240	240	FALSE
KAFB-106214	GW214-204	ug/l	NS	600	300	600	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	56	56	FALSE
KAFB-106214	GW214-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106214	GW214-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106214	GW214-204	ug/l	NS	NS	690	690	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	450	450	FALSE
KAFB-106214	GW214-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106213	GW213-204	mg/l	600	250	NS	250	FALSE
KAFB-106213	GW213-204	mg/l	250	250	NS	250	FALSE
KAFB-106213	GW213-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106213	GW213-204	mg/l	10	10	NS	10	FALSE
KAFB-106213	GW213-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106213	GW213-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106213	GW213-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106213	GW213-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106213	GW213-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106213	GW213-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106213	GW213-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106213	GW213-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106213	GW213-204	ug/l	750	700	15	700	FALSE
KAFB-106213	GW213-204	ug/l	NS	100	1200	100	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	660	660	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	250	250	FALSE
KAFB-106213	GW213-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106213	GW213-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106213	GW213-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106213	GW213-204	ug/l	10	5	1.7	5	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106213	GW213-204	ug/l	NS	NS	410	410	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	60	120	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	62	62	FALSE
KAFB-106213	GW213-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106213	GW213-204	ug/l	NS	100	78	100	FALSE
KAFB-106213	GW213-204	ug/l	NS	70	11	70	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106213	GW213-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106213	GW213-204	ug/l	20	5	110	5	FALSE
KAFB-106213	GW213-204	ug/l	620	10000	190	620	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	370	370	FALSE
KAFB-106213	GW213-204	ug/l	NS	70	36	70	FALSE
KAFB-106213	GW213-204	ug/l	NS	100	68	100	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	140	140	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106213	GW213-204	ug/l	NS	600	300	600	FALSE
KAFB-106213	GW213-204	ug/l	10	5	0.46	5	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	38	38	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106213	GW213-204	ug/l	100	80	2.2	80	FALSE
KAFB-106213	GW213-204	ug/l	10	5	4.6	5	FALSE
KAFB-106213	GW213-204	ug/l	60	200	8000	60	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	190	190	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	8	8	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	83	83	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106213	GW213-204	ug/l	2	2	0.19	2	FALSE
KAFB-106213	GW213-204	ug/l	100	5	110	5	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	810	810	FALSE
KAFB-106213	GW213-204	ug/l	NS	80	33	80	FALSE
KAFB-106213	GW213-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106213	GW213-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106213	GW213-204	ug/l	5	7	280	5	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	200	200	FALSE
KAFB-106213	GW213-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106213	GW213-204	ug/l	10	5	2.8	5	FALSE
KAFB-106213	GW213-204	ug/l	100	5	4.9	5	FALSE
KAFB-106213	GW213-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	7	7	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106213	GW213-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	240	240	FALSE
KAFB-106213	GW213-204	ug/l	NS	600	300	600	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	56	56	FALSE
KAFB-106213	GW213-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106213	GW213-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106213	GW213-204	ug/l	NS	NS	690	690	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	450	450	FALSE
KAFB-106213	GW213-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-204	mg/l	600	250	NS	250	FALSE
KAFB-106224	GW224-204	mg/l	250	250	NS	250	FALSE
KAFB-106224	GW224-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-204	mg/l	10	10	NS	10	FALSE
KAFB-106224	GW224-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106224	GW224-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-204	mg/l	1	NS	NS	1	FALSE
KAFB-106224	GW224-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106224	GW224-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106224	GW224-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106224	GW224-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106224	GW224-204	ug/l	750	700	15	700	FALSE
KAFB-106224	GW224-204	ug/l	NS	100	1200	100	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	660	660	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	250	250	FALSE
KAFB-106224	GW224-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106224	GW224-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106224	GW224-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106224	GW224-204	ug/l	10	5	1.7	5	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106224	GW224-204	ug/l	NS	NS	410	410	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	60	120	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	62	62	FALSE
KAFB-106224	GW224-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106224	GW224-204	ug/l	NS	100	78	100	FALSE
KAFB-106224	GW224-204	ug/l	NS	70	11	70	FALSE
KAFB-106224	GW224-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106224	GW224-204	ug/l	20	5	110	5	FALSE
KAFB-106224	GW224-204	ug/l	620	10000	190	620	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	370	370	FALSE
KAFB-106224	GW224-204	ug/l	NS	70	36	70	FALSE
KAFB-106224	GW224-204	ug/l	NS	100	68	100	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	140	140	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106224	GW224-204	ug/l	NS	600	300	600	FALSE
KAFB-106224	GW224-204	ug/l	10	5	0.46	5	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	38	38	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106224	GW224-204	ug/l	100	80	2.2	80	FALSE
KAFB-106224	GW224-204	ug/l	10	5	4.6	5	FALSE
KAFB-106224	GW224-204	ug/l	60	200	8000	60	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	190	190	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	8	8	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	83	83	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106224	GW224-204	ug/l	2	2	0.19	2	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106224	GW224-204	ug/l	100	5	110	5	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	810	810	FALSE
KAFB-106224	GW224-204	ug/l	NS	80	33	80	FALSE
KAFB-106224	GW224-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106224	GW224-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106224	GW224-204	ug/l	5	7	280	5	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	200	200	FALSE
KAFB-106224	GW224-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106224	GW224-204	ug/l	10	5	2.8	5	FALSE
KAFB-106224	GW224-204	ug/l	100	5	4.9	5	FALSE
KAFB-106224	GW224-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	7	7	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106224	GW224-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	240	240	FALSE
KAFB-106224	GW224-204	ug/l	NS	600	300	600	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	56	56	FALSE
KAFB-106224	GW224-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106224	GW224-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106224	GW224-204	ug/l	NS	NS	690	690	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	450	450	FALSE
KAFB-106224	GW224-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-204	mg/l	600	250	NS	250	FALSE
KAFB-106223	GW223-204	mg/l	250	250	NS	250	FALSE
KAFB-106223	GW223-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-204	mg/l	250	250	NS	250	FALSE
KAFB-106223	GW223-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-204	mg/l	10	10	NS	10	FALSE
KAFB-106223	GW223-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-204	mg/l	1	NS	NS	1	FALSE
KAFB-106223	GW223-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106223	GW223-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106223	GW223-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106223	GW223-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106223	GW223-204	ug/l	750	700	15	700	FALSE
KAFB-106223	GW223-204	ug/l	NS	100	1200	100	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	660	660	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	250	250	FALSE
KAFB-106223	GW223-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106223	GW223-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106223	GW223-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106223	GW223-204	ug/l	10	5	1.7	5	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106223	GW223-204	ug/l	NS	NS	410	410	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	6300	1200	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106223	GW223-204	ug/l	NS	NS	60	120	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	62	62	FALSE
KAFB-106223	GW223-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106223	GW223-204	ug/l	NS	100	78	100	FALSE
KAFB-106223	GW223-204	ug/l	NS	70	11	70	FALSE
KAFB-106223	GW223-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106223	GW223-204	ug/l	20	5	110	5	FALSE
KAFB-106223	GW223-204	ug/l	620	10000	190	620	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	370	370	FALSE
KAFB-106223	GW223-204	ug/l	NS	70	36	70	FALSE
KAFB-106223	GW223-204	ug/l	NS	100	68	100	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	140	140	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106223	GW223-204	ug/l	NS	600	300	600	FALSE
KAFB-106223	GW223-204	ug/l	10	5	0.46	5	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	38	38	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106223	GW223-204	ug/l	100	80	2.2	80	FALSE
KAFB-106223	GW223-204	ug/l	10	5	4.6	5	FALSE
KAFB-106223	GW223-204	ug/l	60	200	8000	60	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	190	190	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	8	8	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	83	83	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106223	GW223-204	ug/l	2	2	0.19	2	FALSE
KAFB-106223	GW223-204	ug/l	100	5	110	5	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	810	810	FALSE
KAFB-106223	GW223-204	ug/l	NS	80	33	80	FALSE
KAFB-106223	GW223-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106223	GW223-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106223	GW223-204	ug/l	5	7	280	5	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	200	200	FALSE
KAFB-106223	GW223-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106223	GW223-204	ug/l	10	5	2.8	5	FALSE
KAFB-106223	GW223-204	ug/l	100	5	4.9	5	FALSE
KAFB-106223	GW223-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	7	7	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106223	GW223-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	240	240	FALSE
KAFB-106223	GW223-204	ug/l	NS	600	300	600	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	56	56	FALSE
KAFB-106223	GW223-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106223	GW223-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106223	GW223-204	ug/l	NS	NS	690	690	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	450	450	FALSE
KAFB-106223	GW223-204	ug/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106101	GW101-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106101	GW101-204	mg/l	600	250	NS	250	FALSE
KAFB-106101	GW101-204	mg/l	250	250	NS	250	FALSE
KAFB-106101	GW101-204	mg/l	10	10	NS	10	FALSE
KAFB-106101	GW101-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106101	GW101-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106101	GW101-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106101	GW101-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106101	GW101-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106101	GW101-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106101	GW101-204	mg/l	1	NS	NS	1	FALSE
KAFB-106101	GW101-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106101	GW101-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106101	GW101-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106101	GW101-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106101	GW101-204	ug/l	750	700	15	700	FALSE
KAFB-106101	GW101-204	ug/l	NS	100	1200	100	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	660	660	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	250	250	FALSE
KAFB-106101	GW101-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106101	GW101-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106101	GW101-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106101	GW101-204	ug/l	10	5	1.7	5	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106101	GW101-204	ug/l	NS	NS	410	410	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	60	120	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	62	62	FALSE
KAFB-106101	GW101-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106101	GW101-204	ug/l	NS	100	78	100	FALSE
KAFB-106101	GW101-204	ug/l	NS	70	11	70	FALSE
KAFB-106101	GW101-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106101	GW101-204	ug/l	20	5	110	5	FALSE
KAFB-106101	GW101-204	ug/l	620	10000	190	620	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	370	370	FALSE
KAFB-106101	GW101-204	ug/l	NS	70	36	70	FALSE
KAFB-106101	GW101-204	ug/l	NS	100	68	100	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	140	140	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106101	GW101-204	ug/l	NS	600	300	600	FALSE
KAFB-106101	GW101-204	ug/l	10	5	0.46	5	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	38	38	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106101	GW101-204	ug/l	100	80	2.2	80	FALSE
KAFB-106101	GW101-204	ug/l	10	5	4.6	5	FALSE
KAFB-106101	GW101-204	ug/l	60	200	8000	60	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	7.5	7.5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106101	GW101-204	ug/l	NS	NS	190	190	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	8	8	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	83	83	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106101	GW101-204	ug/l	2	2	0.19	2	FALSE
KAFB-106101	GW101-204	ug/l	100	5	110	5	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	810	810	FALSE
KAFB-106101	GW101-204	ug/l	NS	80	33	80	FALSE
KAFB-106101	GW101-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106101	GW101-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106101	GW101-204	ug/l	5	7	280	5	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	200	200	FALSE
KAFB-106101	GW101-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106101	GW101-204	ug/l	10	5	2.8	5	FALSE
KAFB-106101	GW101-204	ug/l	100	5	4.9	5	FALSE
KAFB-106101	GW101-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	7	7	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106101	GW101-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	240	240	FALSE
KAFB-106101	GW101-204	ug/l	NS	600	300	600	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	56	56	FALSE
KAFB-106101	GW101-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106101	GW101-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106101	GW101-204	ug/l	NS	NS	690	690	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	450	450	FALSE
KAFB-106101	GW101-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-204	mg/l	600	250	NS	250	FALSE
KAFB-106222	GW222-204	mg/l	250	250	NS	250	FALSE
KAFB-106222	GW222-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-204	mg/l	10	10	NS	10	FALSE
KAFB-106222	GW222-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-204	mg/l	1	NS	NS	1	FALSE
KAFB-106222	GW222-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106222	GW222-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106222	GW222-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106222	GW222-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106222	GW222-204	ug/l	750	700	15	700	FALSE
KAFB-106222	GW222-204	ug/l	NS	100	1200	100	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	660	660	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	250	250	FALSE
KAFB-106222	GW222-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106222	GW222-204	ug/l	0.05	0.05	0.075	0.05	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106222	GW222-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106222	GW222-204	ug/l	10	5	1.7	5	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106222	GW222-204	ug/l	NS	NS	410	410	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	60	120	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	62	62	FALSE
KAFB-106222	GW222-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106222	GW222-204	ug/l	NS	100	78	100	FALSE
KAFB-106222	GW222-204	ug/l	NS	70	11	70	FALSE
KAFB-106222	GW222-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106222	GW222-204	ug/l	20	5	110	5	FALSE
KAFB-106222	GW222-204	ug/l	620	10000	190	620	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	370	370	FALSE
KAFB-106222	GW222-204	ug/l	NS	70	36	70	FALSE
KAFB-106222	GW222-204	ug/l	NS	100	68	100	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	140	140	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106222	GW222-204	ug/l	NS	600	300	600	FALSE
KAFB-106222	GW222-204	ug/l	10	5	0.46	5	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	38	38	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106222	GW222-204	ug/l	100	80	2.2	80	FALSE
KAFB-106222	GW222-204	ug/l	10	5	4.6	5	FALSE
KAFB-106222	GW222-204	ug/l	60	200	8000	60	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	190	190	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	8	8	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	83	83	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106222	GW222-204	ug/l	2	2	0.19	2	FALSE
KAFB-106222	GW222-204	ug/l	100	5	110	5	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	810	810	FALSE
KAFB-106222	GW222-204	ug/l	NS	80	33	80	FALSE
KAFB-106222	GW222-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106222	GW222-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106222	GW222-204	ug/l	5	7	280	5	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	200	200	FALSE
KAFB-106222	GW222-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106222	GW222-204	ug/l	10	5	2.8	5	FALSE
KAFB-106222	GW222-204	ug/l	100	5	4.9	5	FALSE
KAFB-106222	GW222-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	7	7	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106222	GW222-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	240	240	FALSE
KAFB-106222	GW222-204	ug/l	NS	600	300	600	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	56	56	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106222	GW222-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106222	GW222-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106222	GW222-204	ug/l	NS	NS	690	690	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	450	450	FALSE
KAFB-106222	GW222-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-204	mg/l	600	250	NS	250	FALSE
KAFB-106240-449	GW240-449-204	mg/l	250	250	NS	250	FALSE
KAFB-106240-449	GW240-449-204	mg/l	10	10	NS	10	FALSE
KAFB-106240-449	GW240-449-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-204	mg/l	1	NS	NS	1	FALSE
KAFB-106240-449	GW240-449-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106240-449	GW240-449-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106240-449	GW240-449-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106240-449	GW240-449-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106240-449	GW240-449-204	ug/l	750	700	15	700	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	100	1200	100	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	660	660	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	250	250	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	250	250	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106240-449	GW240-449-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106240-449	GW240-449-204	ug/l	10	5	1.7	5	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	410	410	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	60	120	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	62	62	FALSE
KAFB-106240-449	GW240-449-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	100	78	100	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	70	11	70	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106240-449	GW240-449-204	ug/l	20	5	110	5	FALSE
KAFB-106240-449	GW240-449-204	ug/l	620	10000	190	620	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	370	370	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	70	36	70	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	100	68	100	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	140	140	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	600	300	600	FALSE
KAFB-106240-449	GW240-449-204	ug/l	10	5	0.46	5	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	38	38	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	5.7	5.7	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106240-449	GW240-449-204	ug/l	100	80	2.2	80	FALSE
KAFB-106240-449	GW240-449-204	ug/l	10	5	4.6	5	FALSE
KAFB-106240-449	GW240-449-204	ug/l	60	200	8000	60	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	190	190	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	8	8	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	83	83	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106240-449	GW240-449-204	ug/l	2	2	0.19	2	FALSE
KAFB-106240-449	GW240-449-204	ug/l	100	5	110	5	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	810	810	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	80	33	80	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106240-449	GW240-449-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106240-449	GW240-449-204	ug/l	5	7	280	5	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	200	200	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106240-449	GW240-449-204	ug/l	10	5	2.8	5	FALSE
KAFB-106240-449	GW240-449-204	ug/l	100	5	4.9	5	FALSE
KAFB-106240-449	GW240-449-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	7	7	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106240-449	GW240-449-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	240	240	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	600	300	600	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	56	56	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	690	690	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	450	450	FALSE
KAFB-106240-449	GW240-449-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-204	mg/l	600	250	NS	250	FALSE
KAFB-106102	GW102-204	mg/l	250	250	NS	250	FALSE
KAFB-106102	GW102-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-204	mg/l	10	10	NS	10	FALSE
KAFB-106102	GW102-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-204	mg/l	1	NS	NS	1	FALSE
KAFB-106102	GW102-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106102	GW102-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106102	GW102-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106102	GW102-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106102	GW102-204	ug/l	750	700	15	700	FALSE
KAFB-106102	GW102-204	ug/l	NS	100	1200	100	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	4.7	4.7	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106102	GW102-204	ug/l	NS	NS	660	660	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	250	250	FALSE
KAFB-106102	GW102-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106102	GW102-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106102	GW102-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106102	GW102-204	ug/l	10	5	1.7	5	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106102	GW102-204	ug/l	NS	NS	410	410	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	60	120	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	62	62	FALSE
KAFB-106102	GW102-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106102	GW102-204	ug/l	NS	100	78	100	FALSE
KAFB-106102	GW102-204	ug/l	NS	70	11	70	FALSE
KAFB-106102	GW102-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106102	GW102-204	ug/l	20	5	110	5	FALSE
KAFB-106102	GW102-204	ug/l	620	10000	190	620	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	370	370	FALSE
KAFB-106102	GW102-204	ug/l	NS	70	36	70	FALSE
KAFB-106102	GW102-204	ug/l	NS	100	68	100	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	140	140	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106102	GW102-204	ug/l	NS	600	300	600	FALSE
KAFB-106102	GW102-204	ug/l	10	5	0.46	5	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	38	38	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	38	38	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106102	GW102-204	ug/l	100	80	2.2	80	FALSE
KAFB-106102	GW102-204	ug/l	10	5	4.6	5	FALSE
KAFB-106102	GW102-204	ug/l	60	200	8000	60	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	190	190	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	8	8	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	83	83	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106102	GW102-204	ug/l	2	2	0.19	2	FALSE
KAFB-106102	GW102-204	ug/l	100	5	110	5	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	810	810	FALSE
KAFB-106102	GW102-204	ug/l	NS	80	33	80	FALSE
KAFB-106102	GW102-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106102	GW102-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106102	GW102-204	ug/l	5	7	280	5	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	200	200	FALSE
KAFB-106102	GW102-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106102	GW102-204	ug/l	10	5	2.8	5	FALSE
KAFB-106102	GW102-204	ug/l	100	5	4.9	5	FALSE
KAFB-106102	GW102-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	7	7	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	1.4	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106102	GW102-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	240	240	FALSE
KAFB-106102	GW102-204	ug/l	NS	600	300	600	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	56	56	FALSE
KAFB-106102	GW102-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106102	GW102-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106102	GW102-204	ug/l	NS	NS	690	690	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	450	450	FALSE
KAFB-106102	GW102-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-204	mg/l	600	250	NS	250	FALSE
KAFB-106051	GW051-204	mg/l	250	250	NS	250	FALSE
KAFB-106051	GW051-204	mg/l	10	10	NS	10	FALSE
KAFB-106051	GW051-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-204	mg/l	1	NS	NS	1	FALSE
KAFB-106051	GW051-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106051	GW051-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106051	GW051-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106051	GW051-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106051	GW051-204	ug/l	750	700	15	700	FALSE
KAFB-106051	GW051-204	ug/l	NS	100	1200	100	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	660	660	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	250	250	FALSE
KAFB-106051	GW051-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106051	GW051-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106051	GW051-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106051	GW051-204	ug/l	10	5	1.7	5	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106051	GW051-204	ug/l	NS	NS	410	410	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	60	120	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	62	62	FALSE
KAFB-106051	GW051-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106051	GW051-204	ug/l	NS	100	78	100	FALSE
KAFB-106051	GW051-204	ug/l	NS	70	11	70	FALSE
KAFB-106051	GW051-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106051	GW051-204	ug/l	20	5	110	5	FALSE
KAFB-106051	GW051-204	ug/l	620	10000	190	620	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	370	370	FALSE
KAFB-106051	GW051-204	ug/l	NS	70	36	70	FALSE
KAFB-106051	GW051-204	ug/l	NS	100	68	100	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	140	140	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106051	GW051-204	ug/l	NS	600	300	600	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106051	GW051-204	ug/l	10	5	0.46	5	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	38	38	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106051	GW051-204	ug/l	100	80	2.2	80	FALSE
KAFB-106051	GW051-204	ug/l	10	5	4.6	5	FALSE
KAFB-106051	GW051-204	ug/l	60	200	8000	60	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	190	190	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	8	8	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	83	83	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106051	GW051-204	ug/l	2	2	0.19	2	FALSE
KAFB-106051	GW051-204	ug/l	100	5	110	5	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	810	810	FALSE
KAFB-106051	GW051-204	ug/l	NS	80	33	80	FALSE
KAFB-106051	GW051-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106051	GW051-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106051	GW051-204	ug/l	5	7	280	5	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	200	200	FALSE
KAFB-106051	GW051-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106051	GW051-204	ug/l	10	5	2.8	5	FALSE
KAFB-106051	GW051-204	ug/l	100	5	4.9	5	FALSE
KAFB-106051	GW051-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	7	7	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106051	GW051-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	240	240	FALSE
KAFB-106051	GW051-204	ug/l	NS	600	300	600	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	56	56	FALSE
KAFB-106051	GW051-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106051	GW051-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106051	GW051-204	ug/l	NS	NS	690	690	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	450	450	FALSE
KAFB-106051	GW051-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-604	mg/l	600	250	NS	250	FALSE
KAFB-106051	GW051-604	mg/l	250	250	NS	250	FALSE
KAFB-106051	GW051-604	mg/l	10	10	NS	10	FALSE
KAFB-106051	GW051-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-604	mg/l	1	NS	NS	1	FALSE
KAFB-106051	GW051-604	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106051	GW051-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-604	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106051	GW051-604	mg/l	0.01	0.01	0.00052	0.01	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106051	GW051-604	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106051	GW051-604	ug/l	750	700	15	700	FALSE
KAFB-106051	GW051-604	ug/l	NS	100	1200	100	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	660	660	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	1000	1000	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	250	250	FALSE
KAFB-106051	GW051-604	ug/l	NS	75	4.8	75	FALSE
KAFB-106051	GW051-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106051	GW051-604	ug/l	NS	NS	0.042	100	TRUE
KAFB-106051	GW051-604	ug/l	10	5	1.7	5	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	0.52	20	TRUE
KAFB-106051	GW051-604	ug/l	NS	NS	410	410	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	6300	1200	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	60	120	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	62	62	FALSE
KAFB-106051	GW051-604	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106051	GW051-604	ug/l	NS	100	78	100	FALSE
KAFB-106051	GW051-604	ug/l	NS	70	11	70	FALSE
KAFB-106051	GW051-604	ug/l	NS	80	1.7	80	FALSE
KAFB-106051	GW051-604	ug/l	20	5	110	5	FALSE
KAFB-106051	GW051-604	ug/l	620	10000	190	620	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	2000	2000	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	370	370	FALSE
KAFB-106051	GW051-604	ug/l	NS	70	36	70	FALSE
KAFB-106051	GW051-604	ug/l	NS	100	68	100	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	140	140	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	140	140	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106051	GW051-604	ug/l	NS	600	300	600	FALSE
KAFB-106051	GW051-604	ug/l	10	5	0.46	5	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	38	38	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	14000	14000	FALSE
KAFB-106051	GW051-604	ug/l	100	80	2.2	80	FALSE
KAFB-106051	GW051-604	ug/l	10	5	4.6	5	FALSE
KAFB-106051	GW051-604	ug/l	60	200	8000	60	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	190	190	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	8	8	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	83	83	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106051	GW051-604	ug/l	2	2	0.19	2	FALSE
KAFB-106051	GW051-604	ug/l	100	5	110	5	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	810	810	FALSE
KAFB-106051	GW051-604	ug/l	NS	80	33	80	FALSE
KAFB-106051	GW051-604	ug/l	NS	80	1.3	80	FALSE
KAFB-106051	GW051-604	ug/l	25	NS	2.8	25	FALSE
KAFB-106051	GW051-604	ug/l	5	7	280	5	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	5200	1100	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	200	200	FALSE
KAFB-106051	GW051-604	ug/l	NS	5	8.25	5	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	5600	5600	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106051	GW051-604	ug/l	10	5	2.8	5	FALSE
KAFB-106051	GW051-604	ug/l	100	5	4.9	5	FALSE
KAFB-106051	GW051-604	ug/l	10	NS	0.76	10	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	7	7	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	1.4	5	TRUE
KAFB-106051	GW051-604	ug/l	30	NS	1.2	30	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	240	240	FALSE
KAFB-106051	GW051-604	ug/l	NS	600	300	600	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	56	56	FALSE
KAFB-106051	GW051-604	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106051	GW051-604	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106051	GW051-604	ug/l	NS	NS	690	690	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	450	450	FALSE
KAFB-106051	GW051-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-204	mg/l	600	250	NS	250	FALSE
KAFB-106025	GW025-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-204	mg/l	250	250	NS	250	FALSE
KAFB-106025	GW025-204	mg/l	10	10	NS	10	FALSE
KAFB-106025	GW025-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-204	mg/l	1	NS	NS	1	FALSE
KAFB-106025	GW025-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106025	GW025-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106025	GW025-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106025	GW025-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106025	GW025-204	ug/l	750	700	15	700	FALSE
KAFB-106025	GW025-204	ug/l	NS	100	1200	100	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	660	660	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	250	250	FALSE
KAFB-106025	GW025-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106025	GW025-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106025	GW025-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106025	GW025-204	ug/l	10	5	1.7	5	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106025	GW025-204	ug/l	NS	NS	410	410	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	60	120	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	62	62	FALSE
KAFB-106025	GW025-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106025	GW025-204	ug/l	NS	100	78	100	FALSE
KAFB-106025	GW025-204	ug/l	NS	70	11	70	FALSE
KAFB-106025	GW025-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106025	GW025-204	ug/l	20	5	110	5	FALSE
KAFB-106025	GW025-204	ug/l	620	10000	190	620	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	370	370	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106025	GW025-204	ug/l	NS	70	36	70	FALSE
KAFB-106025	GW025-204	ug/l	NS	100	68	100	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	140	140	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106025	GW025-204	ug/l	NS	600	300	600	FALSE
KAFB-106025	GW025-204	ug/l	10	5	0.46	5	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	38	38	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106025	GW025-204	ug/l	100	80	2.2	80	FALSE
KAFB-106025	GW025-204	ug/l	10	5	4.6	5	FALSE
KAFB-106025	GW025-204	ug/l	60	200	8000	60	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	190	190	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	8	8	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	83	83	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106025	GW025-204	ug/l	2	2	0.19	2	FALSE
KAFB-106025	GW025-204	ug/l	100	5	110	5	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	810	810	FALSE
KAFB-106025	GW025-204	ug/l	NS	80	33	80	FALSE
KAFB-106025	GW025-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106025	GW025-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106025	GW025-204	ug/l	5	7	280	5	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	200	200	FALSE
KAFB-106025	GW025-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106025	GW025-204	ug/l	10	5	2.8	5	FALSE
KAFB-106025	GW025-204	ug/l	100	5	4.9	5	FALSE
KAFB-106025	GW025-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	7	7	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106025	GW025-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	240	240	FALSE
KAFB-106025	GW025-204	ug/l	NS	600	300	600	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	56	56	FALSE
KAFB-106025	GW025-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106025	GW025-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106025	GW025-204	ug/l	NS	NS	690	690	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	450	450	FALSE
KAFB-106025	GW025-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-204	mg/l	600	250	NS	250	FALSE
KAFB-106088	GW088-204	mg/l	250	250	NS	250	FALSE
KAFB-106088	GW088-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-204	mg/l	10	10	NS	10	FALSE
KAFB-106088	GW088-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106088	GW088-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-204	mg/l	1	NS	NS	1	FALSE
KAFB-106088	GW088-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106088	GW088-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106088	GW088-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106088	GW088-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106088	GW088-204	ug/l	750	700	15	700	FALSE
KAFB-106088	GW088-204	ug/l	NS	100	1200	100	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	660	660	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	250	250	FALSE
KAFB-106088	GW088-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106088	GW088-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106088	GW088-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106088	GW088-204	ug/l	10	5	1.7	5	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106088	GW088-204	ug/l	NS	NS	410	410	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	60	120	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	62	62	FALSE
KAFB-106088	GW088-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106088	GW088-204	ug/l	NS	100	78	100	FALSE
KAFB-106088	GW088-204	ug/l	NS	70	11	70	FALSE
KAFB-106088	GW088-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106088	GW088-204	ug/l	20	5	110	5	FALSE
KAFB-106088	GW088-204	ug/l	620	10000	190	620	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	370	370	FALSE
KAFB-106088	GW088-204	ug/l	NS	70	36	70	FALSE
KAFB-106088	GW088-204	ug/l	NS	100	68	100	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	140	140	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106088	GW088-204	ug/l	NS	600	300	600	FALSE
KAFB-106088	GW088-204	ug/l	10	5	0.46	5	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	38	38	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106088	GW088-204	ug/l	100	80	2.2	80	FALSE
KAFB-106088	GW088-204	ug/l	10	5	4.6	5	FALSE
KAFB-106088	GW088-204	ug/l	60	200	8000	60	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	190	190	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	8	8	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	83	83	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106088	GW088-204	ug/l	2	2	0.19	2	FALSE
KAFB-106088	GW088-204	ug/l	100	5	110	5	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	810	810	FALSE
KAFB-106088	GW088-204	ug/l	NS	80	33	80	FALSE
KAFB-106088	GW088-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106088	GW088-204	ug/l	25	NS	2.8	25	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106088	GW088-204	ug/l	5	7	280	5	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	200	200	FALSE
KAFB-106088	GW088-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106088	GW088-204	ug/l	10	5	2.8	5	FALSE
KAFB-106088	GW088-204	ug/l	100	5	4.9	5	FALSE
KAFB-106088	GW088-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	7	7	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106088	GW088-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	240	240	FALSE
KAFB-106088	GW088-204	ug/l	NS	600	300	600	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	56	56	FALSE
KAFB-106088	GW088-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106088	GW088-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106088	GW088-204	ug/l	NS	NS	690	690	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	450	450	FALSE
KAFB-106088	GW088-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-204	mg/l	600	250	NS	250	FALSE
KAFB-106048	GW048-204	mg/l	250	250	NS	250	FALSE
KAFB-106048	GW048-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-204	mg/l	10	10	NS	10	FALSE
KAFB-106048	GW048-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-204	mg/l	1	NS	NS	1	FALSE
KAFB-106048	GW048-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106048	GW048-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106048	GW048-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106048	GW048-204	ug/l	750	700	15	700	FALSE
KAFB-106048	GW048-204	ug/l	NS	100	1200	100	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	660	660	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	250	250	FALSE
KAFB-106048	GW048-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106048	GW048-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106048	GW048-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106048	GW048-204	ug/l	10	5	1.7	5	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106048	GW048-204	ug/l	NS	NS	410	410	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	60	120	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	62	62	FALSE
KAFB-106048	GW048-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106048	GW048-204	ug/l	NS	100	78	100	FALSE
KAFB-106048	GW048-204	ug/l	NS	70	11	70	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106048	GW048-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106048	GW048-204	ug/l	20	5	110	5	FALSE
KAFB-106048	GW048-204	ug/l	620	10000	190	620	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	370	370	FALSE
KAFB-106048	GW048-204	ug/l	NS	70	36	70	FALSE
KAFB-106048	GW048-204	ug/l	NS	100	68	100	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	140	140	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106048	GW048-204	ug/l	NS	600	300	600	FALSE
KAFB-106048	GW048-204	ug/l	10	5	0.46	5	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	38	38	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106048	GW048-204	ug/l	100	80	2.2	80	FALSE
KAFB-106048	GW048-204	ug/l	10	5	4.6	5	FALSE
KAFB-106048	GW048-204	ug/l	60	200	8000	60	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	190	190	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	8	8	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	83	83	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106048	GW048-204	ug/l	2	2	0.19	2	FALSE
KAFB-106048	GW048-204	ug/l	100	5	110	5	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	810	810	FALSE
KAFB-106048	GW048-204	ug/l	NS	80	33	80	FALSE
KAFB-106048	GW048-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106048	GW048-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106048	GW048-204	ug/l	5	7	280	5	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	200	200	FALSE
KAFB-106048	GW048-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106048	GW048-204	ug/l	10	5	2.8	5	FALSE
KAFB-106048	GW048-204	ug/l	100	5	4.9	5	FALSE
KAFB-106048	GW048-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	7	7	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106048	GW048-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	240	240	FALSE
KAFB-106048	GW048-204	ug/l	NS	600	300	600	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	56	56	FALSE
KAFB-106048	GW048-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106048	GW048-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106048	GW048-204	ug/l	NS	NS	690	690	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	450	450	FALSE
KAFB-106048	GW048-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-204	mg/l	600	250	NS	250	FALSE
KAFB-106072	GW072-204	mg/l	250	250	NS	250	FALSE
KAFB-106072	GW072-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-204	mg/l	10	10	NS	10	FALSE
KAFB-106072	GW072-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106072	GW072-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-204	mg/l	1	NS	NS	1	FALSE
KAFB-106072	GW072-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106072	GW072-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106072	GW072-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106072	GW072-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106072	GW072-204	ug/l	750	700	15	700	FALSE
KAFB-106072	GW072-204	ug/l	NS	100	1200	100	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	660	660	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	250	250	FALSE
KAFB-106072	GW072-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106072	GW072-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106072	GW072-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106072	GW072-204	ug/l	10	5	1.7	5	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106072	GW072-204	ug/l	NS	NS	410	410	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	60	120	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	62	62	FALSE
KAFB-106072	GW072-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106072	GW072-204	ug/l	NS	100	78	100	FALSE
KAFB-106072	GW072-204	ug/l	NS	70	11	70	FALSE
KAFB-106072	GW072-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106072	GW072-204	ug/l	20	5	110	5	FALSE
KAFB-106072	GW072-204	ug/l	620	10000	190	620	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	370	370	FALSE
KAFB-106072	GW072-204	ug/l	NS	70	36	70	FALSE
KAFB-106072	GW072-204	ug/l	NS	100	68	100	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	140	140	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106072	GW072-204	ug/l	NS	600	300	600	FALSE
KAFB-106072	GW072-204	ug/l	10	5	0.46	5	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	38	38	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106072	GW072-204	ug/l	100	80	2.2	80	FALSE
KAFB-106072	GW072-204	ug/l	10	5	4.6	5	FALSE
KAFB-106072	GW072-204	ug/l	60	200	8000	60	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	190	190	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	8	8	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	83	83	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106072	GW072-204	ug/l	2	2	0.19	2	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106072	GW072-204	ug/l	100	5	110	5	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	810	810	FALSE
KAFB-106072	GW072-204	ug/l	NS	80	33	80	FALSE
KAFB-106072	GW072-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106072	GW072-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106072	GW072-204	ug/l	5	7	280	5	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	200	200	FALSE
KAFB-106072	GW072-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106072	GW072-204	ug/l	10	5	2.8	5	FALSE
KAFB-106072	GW072-204	ug/l	100	5	4.9	5	FALSE
KAFB-106072	GW072-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	7	7	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106072	GW072-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	240	240	FALSE
KAFB-106072	GW072-204	ug/l	NS	600	300	600	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	56	56	FALSE
KAFB-106072	GW072-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106072	GW072-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106072	GW072-204	ug/l	NS	NS	690	690	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	450	450	FALSE
KAFB-106072	GW072-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-204	mg/l	600	250	NS	250	FALSE
KAFB-106081	GW081-204	mg/l	250	250	NS	250	FALSE
KAFB-106081	GW081-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-204	mg/l	10	10	NS	10	FALSE
KAFB-106081	GW081-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-204	mg/l	1	NS	NS	1	FALSE
KAFB-106081	GW081-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106081	GW081-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106081	GW081-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106081	GW081-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106081	GW081-204	ug/l	750	700	15	700	FALSE
KAFB-106081	GW081-204	ug/l	NS	100	1200	100	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	660	660	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	250	250	FALSE
KAFB-106081	GW081-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106081	GW081-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106081	GW081-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106081	GW081-204	ug/l	10	5	1.7	5	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106081	GW081-204	ug/l	NS	NS	410	410	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	6300	1200	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106081	GW081-204	ug/l	NS	NS	60	120	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	62	62	FALSE
KAFB-106081	GW081-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106081	GW081-204	ug/l	NS	100	78	100	FALSE
KAFB-106081	GW081-204	ug/l	NS	70	11	70	FALSE
KAFB-106081	GW081-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106081	GW081-204	ug/l	20	5	110	5	FALSE
KAFB-106081	GW081-204	ug/l	620	10000	190	620	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	370	370	FALSE
KAFB-106081	GW081-204	ug/l	NS	70	36	70	FALSE
KAFB-106081	GW081-204	ug/l	NS	100	68	100	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	140	140	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106081	GW081-204	ug/l	NS	600	300	600	FALSE
KAFB-106081	GW081-204	ug/l	10	5	0.46	5	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	38	38	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106081	GW081-204	ug/l	100	80	2.2	80	FALSE
KAFB-106081	GW081-204	ug/l	10	5	4.6	5	FALSE
KAFB-106081	GW081-204	ug/l	60	200	8000	60	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	190	190	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	8	8	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	83	83	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106081	GW081-204	ug/l	2	2	0.19	2	FALSE
KAFB-106081	GW081-204	ug/l	100	5	110	5	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	810	810	FALSE
KAFB-106081	GW081-204	ug/l	NS	80	33	80	FALSE
KAFB-106081	GW081-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106081	GW081-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106081	GW081-204	ug/l	5	7	280	5	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	200	200	FALSE
KAFB-106081	GW081-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106081	GW081-204	ug/l	10	5	2.8	5	FALSE
KAFB-106081	GW081-204	ug/l	100	5	4.9	5	FALSE
KAFB-106081	GW081-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	7	7	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106081	GW081-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	240	240	FALSE
KAFB-106081	GW081-204	ug/l	NS	600	300	600	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	56	56	FALSE
KAFB-106081	GW081-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106081	GW081-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106081	GW081-204	ug/l	NS	NS	690	690	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	450	450	FALSE
KAFB-106081	GW081-204	ug/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106061	GW061-204	mg/l	600	250	NS	250	FALSE
KAFB-106061	GW061-204	mg/l	250	250	NS	250	FALSE
KAFB-106061	GW061-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-204	mg/l	10	10	NS	10	FALSE
KAFB-106061	GW061-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-204	mg/l	1	NS	NS	1	FALSE
KAFB-106061	GW061-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106061	GW061-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106061	GW061-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106061	GW061-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106061	GW061-204	ug/l	750	700	15	700	FALSE
KAFB-106061	GW061-204	ug/l	NS	100	1200	100	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	660	660	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	250	250	FALSE
KAFB-106061	GW061-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106061	GW061-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106061	GW061-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106061	GW061-204	ug/l	10	5	1.7	5	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106061	GW061-204	ug/l	NS	NS	410	410	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	60	120	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	62	62	FALSE
KAFB-106061	GW061-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106061	GW061-204	ug/l	NS	100	78	100	FALSE
KAFB-106061	GW061-204	ug/l	NS	70	11	70	FALSE
KAFB-106061	GW061-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106061	GW061-204	ug/l	20	5	110	5	FALSE
KAFB-106061	GW061-204	ug/l	620	10000	190	620	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	370	370	FALSE
KAFB-106061	GW061-204	ug/l	NS	70	36	70	FALSE
KAFB-106061	GW061-204	ug/l	NS	100	68	100	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	140	140	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106061	GW061-204	ug/l	NS	600	300	600	FALSE
KAFB-106061	GW061-204	ug/l	10	5	0.46	5	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	38	38	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106061	GW061-204	ug/l	100	80	2.2	80	FALSE
KAFB-106061	GW061-204	ug/l	10	5	4.6	5	FALSE
KAFB-106061	GW061-204	ug/l	60	200	8000	60	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	7.5	7.5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106061	GW061-204	ug/l	NS	NS	190	190	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	8	8	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	83	83	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106061	GW061-204	ug/l	2	2	0.19	2	FALSE
KAFB-106061	GW061-204	ug/l	100	5	110	5	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	810	810	FALSE
KAFB-106061	GW061-204	ug/l	NS	80	33	80	FALSE
KAFB-106061	GW061-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106061	GW061-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106061	GW061-204	ug/l	5	7	280	5	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	200	200	FALSE
KAFB-106061	GW061-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106061	GW061-204	ug/l	10	5	2.8	5	FALSE
KAFB-106061	GW061-204	ug/l	100	5	4.9	5	FALSE
KAFB-106061	GW061-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	7	7	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106061	GW061-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	240	240	FALSE
KAFB-106061	GW061-204	ug/l	NS	600	300	600	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	56	56	FALSE
KAFB-106061	GW061-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106061	GW061-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106061	GW061-204	ug/l	NS	NS	690	690	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	450	450	FALSE
KAFB-106061	GW061-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-204	mg/l	600	250	NS	250	FALSE
KAFB-106069	GW069-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-204	mg/l	250	250	NS	250	FALSE
KAFB-106069	GW069-204	mg/l	10	10	NS	10	FALSE
KAFB-106069	GW069-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-204	mg/l	1	NS	NS	1	FALSE
KAFB-106069	GW069-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106069	GW069-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106069	GW069-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106069	GW069-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106069	GW069-204	ug/l	750	700	15	700	FALSE
KAFB-106069	GW069-204	ug/l	NS	100	1200	100	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	660	660	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	250	250	FALSE
KAFB-106069	GW069-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106069	GW069-204	ug/l	0.05	0.05	0.075	0.05	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106069	GW069-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106069	GW069-204	ug/l	10	5	1.7	5	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106069	GW069-204	ug/l	NS	NS	410	410	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	60	120	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	62	62	FALSE
KAFB-106069	GW069-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106069	GW069-204	ug/l	NS	100	78	100	FALSE
KAFB-106069	GW069-204	ug/l	NS	70	11	70	FALSE
KAFB-106069	GW069-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106069	GW069-204	ug/l	20	5	110	5	FALSE
KAFB-106069	GW069-204	ug/l	620	10000	190	620	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	370	370	FALSE
KAFB-106069	GW069-204	ug/l	NS	70	36	70	FALSE
KAFB-106069	GW069-204	ug/l	NS	100	68	100	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	140	140	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106069	GW069-204	ug/l	NS	600	300	600	FALSE
KAFB-106069	GW069-204	ug/l	10	5	0.46	5	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	38	38	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106069	GW069-204	ug/l	100	80	2.2	80	FALSE
KAFB-106069	GW069-204	ug/l	10	5	4.6	5	FALSE
KAFB-106069	GW069-204	ug/l	60	200	8000	60	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	190	190	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	8	8	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	83	83	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106069	GW069-204	ug/l	2	2	0.19	2	FALSE
KAFB-106069	GW069-204	ug/l	100	5	110	5	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	810	810	FALSE
KAFB-106069	GW069-204	ug/l	NS	80	33	80	FALSE
KAFB-106069	GW069-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106069	GW069-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106069	GW069-204	ug/l	5	7	280	5	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	200	200	FALSE
KAFB-106069	GW069-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106069	GW069-204	ug/l	10	5	2.8	5	FALSE
KAFB-106069	GW069-204	ug/l	100	5	4.9	5	FALSE
KAFB-106069	GW069-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	7	7	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106069	GW069-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	240	240	FALSE
KAFB-106069	GW069-204	ug/l	NS	600	300	600	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	56	56	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106069	GW069-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106069	GW069-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106069	GW069-204	ug/l	NS	NS	690	690	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	450	450	FALSE
KAFB-106069	GW069-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-204	mg/l	600	250	NS	250	FALSE
KAFB-106068	GW068-204	mg/l	250	250	NS	250	FALSE
KAFB-106068	GW068-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-204	mg/l	10	10	NS	10	FALSE
KAFB-106068	GW068-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-204	mg/l	1	NS	NS	1	FALSE
KAFB-106068	GW068-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106068	GW068-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106068	GW068-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106068	GW068-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106068	GW068-204	ug/l	750	700	15	700	FALSE
KAFB-106068	GW068-204	ug/l	NS	100	1200	100	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	660	660	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	250	250	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	250	250	FALSE
KAFB-106068	GW068-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106068	GW068-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106068	GW068-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106068	GW068-204	ug/l	10	5	1.7	5	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106068	GW068-204	ug/l	NS	NS	410	410	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	60	120	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	62	62	FALSE
KAFB-106068	GW068-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106068	GW068-204	ug/l	NS	100	78	100	FALSE
KAFB-106068	GW068-204	ug/l	NS	70	11	70	FALSE
KAFB-106068	GW068-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106068	GW068-204	ug/l	20	5	110	5	FALSE
KAFB-106068	GW068-204	ug/l	620	10000	190	620	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	370	370	FALSE
KAFB-106068	GW068-204	ug/l	NS	70	36	70	FALSE
KAFB-106068	GW068-204	ug/l	NS	100	68	100	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	140	140	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106068	GW068-204	ug/l	NS	600	300	600	FALSE
KAFB-106068	GW068-204	ug/l	10	5	0.46	5	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	38	38	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	5.7	5.7	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106068	GW068-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106068	GW068-204	ug/l	100	80	2.2	80	FALSE
KAFB-106068	GW068-204	ug/l	10	5	4.6	5	FALSE
KAFB-106068	GW068-204	ug/l	60	200	8000	60	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	190	190	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	8	8	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	83	83	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106068	GW068-204	ug/l	2	2	0.19	2	FALSE
KAFB-106068	GW068-204	ug/l	100	5	110	5	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	810	810	FALSE
KAFB-106068	GW068-204	ug/l	NS	80	33	80	FALSE
KAFB-106068	GW068-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106068	GW068-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106068	GW068-204	ug/l	5	7	280	5	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	200	200	FALSE
KAFB-106068	GW068-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106068	GW068-204	ug/l	10	5	2.8	5	FALSE
KAFB-106068	GW068-204	ug/l	100	5	4.9	5	FALSE
KAFB-106068	GW068-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	7	7	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106068	GW068-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	240	240	FALSE
KAFB-106068	GW068-204	ug/l	NS	600	300	600	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	56	56	FALSE
KAFB-106068	GW068-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106068	GW068-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106068	GW068-204	ug/l	NS	NS	690	690	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	450	450	FALSE
KAFB-106068	GW068-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-204	mg/l	600	250	NS	250	FALSE
KAFB-106066	GW066-204	mg/l	250	250	NS	250	FALSE
KAFB-106066	GW066-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-204	mg/l	10	10	NS	10	FALSE
KAFB-106066	GW066-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-204	mg/l	1	NS	NS	1	FALSE
KAFB-106066	GW066-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106066	GW066-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106066	GW066-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106066	GW066-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106066	GW066-204	ug/l	750	700	15	700	FALSE
KAFB-106066	GW066-204	ug/l	NS	100	1200	100	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	4.7	4.7	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106066	GW066-204	ug/l	NS	NS	660	660	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	250	250	FALSE
KAFB-106066	GW066-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106066	GW066-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106066	GW066-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106066	GW066-204	ug/l	10	5	1.7	5	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106066	GW066-204	ug/l	NS	NS	410	410	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	60	120	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	62	62	FALSE
KAFB-106066	GW066-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106066	GW066-204	ug/l	NS	100	78	100	FALSE
KAFB-106066	GW066-204	ug/l	NS	70	11	70	FALSE
KAFB-106066	GW066-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106066	GW066-204	ug/l	20	5	110	5	FALSE
KAFB-106066	GW066-204	ug/l	620	10000	190	620	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	370	370	FALSE
KAFB-106066	GW066-204	ug/l	NS	70	36	70	FALSE
KAFB-106066	GW066-204	ug/l	NS	100	68	100	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	140	140	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106066	GW066-204	ug/l	NS	600	300	600	FALSE
KAFB-106066	GW066-204	ug/l	10	5	0.46	5	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	38	38	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106066	GW066-204	ug/l	100	80	2.2	80	FALSE
KAFB-106066	GW066-204	ug/l	10	5	4.6	5	FALSE
KAFB-106066	GW066-204	ug/l	60	200	8000	60	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	190	190	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	8	8	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	83	83	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106066	GW066-204	ug/l	2	2	0.19	2	FALSE
KAFB-106066	GW066-204	ug/l	100	5	110	5	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	810	810	FALSE
KAFB-106066	GW066-204	ug/l	NS	80	33	80	FALSE
KAFB-106066	GW066-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106066	GW066-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106066	GW066-204	ug/l	5	7	280	5	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	200	200	FALSE
KAFB-106066	GW066-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106066	GW066-204	ug/l	10	5	2.8	5	FALSE
KAFB-106066	GW066-204	ug/l	100	5	4.9	5	FALSE
KAFB-106066	GW066-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	7	7	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	1.4	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106066	GW066-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	240	240	FALSE
KAFB-106066	GW066-204	ug/l	NS	600	300	600	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	56	56	FALSE
KAFB-106066	GW066-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106066	GW066-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106066	GW066-204	ug/l	NS	NS	690	690	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	450	450	FALSE
KAFB-106066	GW066-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-204	mg/l	600	250	NS	250	FALSE
KAFB-106017	GW017-204	mg/l	250	250	NS	250	FALSE
KAFB-106017	GW017-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-204	mg/l	10	10	NS	10	FALSE
KAFB-106017	GW017-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-204	mg/l	1	NS	NS	1	FALSE
KAFB-106017	GW017-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106017	GW017-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106017	GW017-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106017	GW017-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106017	GW017-204	ug/l	750	700	15	700	FALSE
KAFB-106017	GW017-204	ug/l	NS	100	1200	100	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	660	660	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	250	250	FALSE
KAFB-106017	GW017-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106017	GW017-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106017	GW017-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106017	GW017-204	ug/l	10	5	1.7	5	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106017	GW017-204	ug/l	NS	NS	410	410	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	60	120	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	62	62	FALSE
KAFB-106017	GW017-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106017	GW017-204	ug/l	NS	100	78	100	FALSE
KAFB-106017	GW017-204	ug/l	NS	70	11	70	FALSE
KAFB-106017	GW017-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106017	GW017-204	ug/l	20	5	110	5	FALSE
KAFB-106017	GW017-204	ug/l	620	10000	190	620	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	370	370	FALSE
KAFB-106017	GW017-204	ug/l	NS	70	36	70	FALSE
KAFB-106017	GW017-204	ug/l	NS	100	68	100	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	140	140	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106017	GW017-204	ug/l	NS	600	300	600	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106017	GW017-204	ug/l	10	5	0.46	5	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	38	38	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106017	GW017-204	ug/l	100	80	2.2	80	FALSE
KAFB-106017	GW017-204	ug/l	10	5	4.6	5	FALSE
KAFB-106017	GW017-204	ug/l	60	200	8000	60	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	190	190	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	8	8	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	83	83	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106017	GW017-204	ug/l	2	2	0.19	2	FALSE
KAFB-106017	GW017-204	ug/l	100	5	110	5	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	810	810	FALSE
KAFB-106017	GW017-204	ug/l	NS	80	33	80	FALSE
KAFB-106017	GW017-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106017	GW017-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106017	GW017-204	ug/l	5	7	280	5	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	200	200	FALSE
KAFB-106017	GW017-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106017	GW017-204	ug/l	10	5	2.8	5	FALSE
KAFB-106017	GW017-204	ug/l	100	5	4.9	5	FALSE
KAFB-106017	GW017-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	7	7	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106017	GW017-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	240	240	FALSE
KAFB-106017	GW017-204	ug/l	NS	600	300	600	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	56	56	FALSE
KAFB-106017	GW017-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106017	GW017-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106017	GW017-204	ug/l	NS	NS	690	690	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	450	450	FALSE
KAFB-106017	GW017-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-604	mg/l	600	250	NS	250	FALSE
KAFB-106017	GW017-604	mg/l	250	250	NS	250	FALSE
KAFB-106017	GW017-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-604	mg/l	10	10	NS	10	FALSE
KAFB-106017	GW017-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-604	mg/l	1	NS	NS	1	FALSE
KAFB-106017	GW017-604	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106017	GW017-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-604	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106017	GW017-604	mg/l	0.01	0.01	0.00052	0.01	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106017	GW017-604	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106017	GW017-604	ug/l	750	700	15	700	FALSE
KAFB-106017	GW017-604	ug/l	NS	100	1200	100	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	660	660	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	1000	1000	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	250	250	FALSE
KAFB-106017	GW017-604	ug/l	NS	75	4.8	75	FALSE
KAFB-106017	GW017-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106017	GW017-604	ug/l	NS	NS	0.042	100	TRUE
KAFB-106017	GW017-604	ug/l	10	5	1.7	5	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	0.52	20	TRUE
KAFB-106017	GW017-604	ug/l	NS	NS	410	410	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	6300	1200	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	60	120	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	62	62	FALSE
KAFB-106017	GW017-604	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106017	GW017-604	ug/l	NS	100	78	100	FALSE
KAFB-106017	GW017-604	ug/l	NS	70	11	70	FALSE
KAFB-106017	GW017-604	ug/l	NS	80	1.7	80	FALSE
KAFB-106017	GW017-604	ug/l	20	5	110	5	FALSE
KAFB-106017	GW017-604	ug/l	620	10000	190	620	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	2000	2000	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	370	370	FALSE
KAFB-106017	GW017-604	ug/l	NS	70	36	70	FALSE
KAFB-106017	GW017-604	ug/l	NS	100	68	100	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	140	140	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	140	140	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106017	GW017-604	ug/l	NS	600	300	600	FALSE
KAFB-106017	GW017-604	ug/l	10	5	0.46	5	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	38	38	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	14000	14000	FALSE
KAFB-106017	GW017-604	ug/l	100	80	2.2	80	FALSE
KAFB-106017	GW017-604	ug/l	10	5	4.6	5	FALSE
KAFB-106017	GW017-604	ug/l	60	200	8000	60	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	190	190	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	8	8	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	83	83	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106017	GW017-604	ug/l	2	2	0.19	2	FALSE
KAFB-106017	GW017-604	ug/l	100	5	110	5	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	810	810	FALSE
KAFB-106017	GW017-604	ug/l	NS	80	33	80	FALSE
KAFB-106017	GW017-604	ug/l	NS	80	1.3	80	FALSE
KAFB-106017	GW017-604	ug/l	25	NS	2.8	25	FALSE
KAFB-106017	GW017-604	ug/l	5	7	280	5	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	5200	1100	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	200	200	FALSE
KAFB-106017	GW017-604	ug/l	NS	5	8.25	5	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	5600	5600	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106017	GW017-604	ug/l	10	5	2.8	5	FALSE
KAFB-106017	GW017-604	ug/l	100	5	4.9	5	FALSE
KAFB-106017	GW017-604	ug/l	10	NS	0.76	10	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	7	7	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	1.4	5	TRUE
KAFB-106017	GW017-604	ug/l	30	NS	1.2	30	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	240	240	FALSE
KAFB-106017	GW017-604	ug/l	NS	600	300	600	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	56	56	FALSE
KAFB-106017	GW017-604	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106017	GW017-604	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106017	GW017-604	ug/l	NS	NS	690	690	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	450	450	FALSE
KAFB-106017	GW017-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-204	mg/l	600	250	NS	250	FALSE
KAFB-106067	GW067-204	mg/l	250	250	NS	250	FALSE
KAFB-106067	GW067-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-204	mg/l	10	10	NS	10	FALSE
KAFB-106067	GW067-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-204	mg/l	1	NS	NS	1	FALSE
KAFB-106067	GW067-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106067	GW067-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106067	GW067-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106067	GW067-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106067	GW067-204	ug/l	750	700	15	700	FALSE
KAFB-106067	GW067-204	ug/l	NS	100	1200	100	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	660	660	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	250	250	FALSE
KAFB-106067	GW067-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106067	GW067-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106067	GW067-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106067	GW067-204	ug/l	10	5	1.7	5	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106067	GW067-204	ug/l	NS	NS	410	410	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	60	120	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	62	62	FALSE
KAFB-106067	GW067-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106067	GW067-204	ug/l	NS	100	78	100	FALSE
KAFB-106067	GW067-204	ug/l	NS	70	11	70	FALSE
KAFB-106067	GW067-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106067	GW067-204	ug/l	20	5	110	5	FALSE
KAFB-106067	GW067-204	ug/l	620	10000	190	620	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	370	370	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106067	GW067-204	ug/l	NS	70	36	70	FALSE
KAFB-106067	GW067-204	ug/l	NS	100	68	100	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	140	140	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106067	GW067-204	ug/l	NS	600	300	600	FALSE
KAFB-106067	GW067-204	ug/l	10	5	0.46	5	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	38	38	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106067	GW067-204	ug/l	100	80	2.2	80	FALSE
KAFB-106067	GW067-204	ug/l	10	5	4.6	5	FALSE
KAFB-106067	GW067-204	ug/l	60	200	8000	60	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	190	190	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	8	8	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	83	83	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106067	GW067-204	ug/l	2	2	0.19	2	TRUE
KAFB-106067	GW067-204	ug/l	100	5	110	5	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	810	810	FALSE
KAFB-106067	GW067-204	ug/l	NS	80	33	80	FALSE
KAFB-106067	GW067-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106067	GW067-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106067	GW067-204	ug/l	5	7	280	5	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	200	200	FALSE
KAFB-106067	GW067-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106067	GW067-204	ug/l	10	5	2.8	5	FALSE
KAFB-106067	GW067-204	ug/l	100	5	4.9	5	FALSE
KAFB-106067	GW067-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	7	7	TRUE
KAFB-106067	GW067-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106067	GW067-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	240	240	FALSE
KAFB-106067	GW067-204	ug/l	NS	600	300	600	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	56	56	FALSE
KAFB-106067	GW067-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106067	GW067-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106067	GW067-204	ug/l	NS	NS	690	690	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	450	450	FALSE
KAFB-106067	GW067-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-204	mg/l	600	250	NS	250	FALSE
KAFB-106094	GW094-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-204	mg/l	250	250	NS	250	FALSE
KAFB-106094	GW094-204	mg/l	10	10	NS	10	FALSE
KAFB-106094	GW094-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-204	mg/l	1	NS	NS	1	FALSE
KAFB-106094	GW094-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106094	GW094-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106094	GW094-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106094	GW094-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106094	GW094-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106094	GW094-204	ug/l	750	700	15	700	FALSE
KAFB-106094	GW094-204	ug/l	NS	100	1200	100	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	660	660	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	250	250	FALSE
KAFB-106094	GW094-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106094	GW094-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106094	GW094-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106094	GW094-204	ug/l	10	5	1.7	5	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106094	GW094-204	ug/l	NS	NS	410	410	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	60	120	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	62	62	FALSE
KAFB-106094	GW094-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106094	GW094-204	ug/l	NS	100	78	100	FALSE
KAFB-106094	GW094-204	ug/l	NS	70	11	70	FALSE
KAFB-106094	GW094-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106094	GW094-204	ug/l	20	5	110	5	FALSE
KAFB-106094	GW094-204	ug/l	620	10000	190	620	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	370	370	FALSE
KAFB-106094	GW094-204	ug/l	NS	70	36	70	FALSE
KAFB-106094	GW094-204	ug/l	NS	100	68	100	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	140	140	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106094	GW094-204	ug/l	NS	600	300	600	FALSE
KAFB-106094	GW094-204	ug/l	10	5	0.46	5	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	38	38	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106094	GW094-204	ug/l	100	80	2.2	80	FALSE
KAFB-106094	GW094-204	ug/l	10	5	4.6	5	FALSE
KAFB-106094	GW094-204	ug/l	60	200	8000	60	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	190	190	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	8	8	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	83	83	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106094	GW094-204	ug/l	2	2	0.19	2	FALSE
KAFB-106094	GW094-204	ug/l	100	5	110	5	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	810	810	FALSE
KAFB-106094	GW094-204	ug/l	NS	80	33	80	FALSE
KAFB-106094	GW094-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106094	GW094-204	ug/l	25	NS	2.8	25	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106094	GW094-204	ug/l	5	7	280	5	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	200	200	FALSE
KAFB-106094	GW094-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106094	GW094-204	ug/l	10	5	2.8	5	FALSE
KAFB-106094	GW094-204	ug/l	100	5	4.9	5	FALSE
KAFB-106094	GW094-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	7	7	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106094	GW094-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	240	240	FALSE
KAFB-106094	GW094-204	ug/l	NS	600	300	600	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	56	56	FALSE
KAFB-106094	GW094-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106094	GW094-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106094	GW094-204	ug/l	NS	NS	690	690	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	450	450	FALSE
KAFB-106094	GW094-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-204	mg/l	600	250	NS	250	FALSE
KAFB-106065	GW065-204	mg/l	250	250	NS	250	FALSE
KAFB-106065	GW065-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-204	mg/l	10	10	NS	10	FALSE
KAFB-106065	GW065-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-204	mg/l	1	NS	NS	1	FALSE
KAFB-106065	GW065-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-204	mg/l	1	NS	NS	1	FALSE
KAFB-106065	GW065-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-204	mg/l	1	NS	NS	1	FALSE
KAFB-106065	GW065-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106065	GW065-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106065	GW065-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106065	GW065-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106065	GW065-204	ug/l	750	700	15	700	FALSE
KAFB-106065	GW065-204	ug/l	NS	100	1200	100	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	660	660	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	250	250	FALSE
KAFB-106065	GW065-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106065	GW065-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106065	GW065-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106065	GW065-204	ug/l	10	5	1.7	5	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106065	GW065-204	ug/l	NS	NS	410	410	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	60	120	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	62	62	FALSE
KAFB-106065	GW065-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106065	GW065-204	ug/l	NS	100	78	100	FALSE
KAFB-106065	GW065-204	ug/l	NS	70	11	70	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106065	GW065-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106065	GW065-204	ug/l	20	5	110	5	FALSE
KAFB-106065	GW065-204	ug/l	620	10000	190	620	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	370	370	FALSE
KAFB-106065	GW065-204	ug/l	NS	70	36	70	FALSE
KAFB-106065	GW065-204	ug/l	NS	100	68	100	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	140	140	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106065	GW065-204	ug/l	NS	600	300	600	FALSE
KAFB-106065	GW065-204	ug/l	10	5	0.46	5	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	38	38	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106065	GW065-204	ug/l	100	80	2.2	80	FALSE
KAFB-106065	GW065-204	ug/l	10	5	4.6	5	FALSE
KAFB-106065	GW065-204	ug/l	60	200	8000	60	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	190	190	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	8	8	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	83	83	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106065	GW065-204	ug/l	2	2	0.19	2	FALSE
KAFB-106065	GW065-204	ug/l	100	5	110	5	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	810	810	FALSE
KAFB-106065	GW065-204	ug/l	NS	80	33	80	FALSE
KAFB-106065	GW065-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106065	GW065-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106065	GW065-204	ug/l	5	7	280	5	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	200	200	FALSE
KAFB-106065	GW065-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106065	GW065-204	ug/l	10	5	2.8	5	FALSE
KAFB-106065	GW065-204	ug/l	100	5	4.9	5	FALSE
KAFB-106065	GW065-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	7	7	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106065	GW065-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	240	240	FALSE
KAFB-106065	GW065-204	ug/l	NS	600	300	600	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	56	56	FALSE
KAFB-106065	GW065-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106065	GW065-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106065	GW065-204	ug/l	NS	NS	690	690	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	450	450	FALSE
KAFB-106065	GW065-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-204	mg/l	600	250	NS	250	FALSE
KAFB-106047	GW047-204	mg/l	250	250	NS	250	FALSE
KAFB-106047	GW047-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-204	mg/l	10	10	NS	10	FALSE
KAFB-106047	GW047-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106047	GW047-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-204	mg/l	1	NS	NS	1	FALSE
KAFB-106047	GW047-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106047	GW047-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106047	GW047-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106047	GW047-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106047	GW047-204	ug/l	750	700	15	700	FALSE
KAFB-106047	GW047-204	ug/l	NS	100	1200	100	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	660	660	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	250	250	FALSE
KAFB-106047	GW047-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106047	GW047-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106047	GW047-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106047	GW047-204	ug/l	10	5	1.7	5	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106047	GW047-204	ug/l	NS	NS	410	410	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	60	120	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	62	62	FALSE
KAFB-106047	GW047-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106047	GW047-204	ug/l	NS	100	78	100	FALSE
KAFB-106047	GW047-204	ug/l	NS	70	11	70	FALSE
KAFB-106047	GW047-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106047	GW047-204	ug/l	20	5	110	5	FALSE
KAFB-106047	GW047-204	ug/l	620	10000	190	620	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	370	370	FALSE
KAFB-106047	GW047-204	ug/l	NS	70	36	70	FALSE
KAFB-106047	GW047-204	ug/l	NS	100	68	100	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	140	140	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106047	GW047-204	ug/l	NS	600	300	600	FALSE
KAFB-106047	GW047-204	ug/l	10	5	0.46	5	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	38	38	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106047	GW047-204	ug/l	100	80	2.2	80	FALSE
KAFB-106047	GW047-204	ug/l	10	5	4.6	5	FALSE
KAFB-106047	GW047-204	ug/l	60	200	8000	60	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	190	190	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	8	8	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	83	83	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106047	GW047-204	ug/l	2	2	0.19	2	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106047	GW047-204	ug/l	100	5	110	5	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	810	810	FALSE
KAFB-106047	GW047-204	ug/l	NS	80	33	80	FALSE
KAFB-106047	GW047-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106047	GW047-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106047	GW047-204	ug/l	5	7	280	5	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	200	200	FALSE
KAFB-106047	GW047-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106047	GW047-204	ug/l	10	5	2.8	5	FALSE
KAFB-106047	GW047-204	ug/l	100	5	4.9	5	FALSE
KAFB-106047	GW047-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	7	7	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106047	GW047-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	240	240	FALSE
KAFB-106047	GW047-204	ug/l	NS	600	300	600	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	56	56	FALSE
KAFB-106047	GW047-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106047	GW047-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106047	GW047-204	ug/l	NS	NS	690	690	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	450	450	FALSE
KAFB-106047	GW047-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-204	mg/l	600	250	NS	250	FALSE
KAFB-106046	GW046-204	mg/l	250	250	NS	250	FALSE
KAFB-106046	GW046-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-204	mg/l	250	250	NS	250	FALSE
KAFB-106046	GW046-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-204	mg/l	10	10	NS	10	FALSE
KAFB-106046	GW046-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-204	mg/l	1	NS	NS	1	FALSE
KAFB-106046	GW046-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106046	GW046-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106046	GW046-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106046	GW046-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106046	GW046-204	ug/l	750	700	15	700	FALSE
KAFB-106046	GW046-204	ug/l	NS	100	1200	100	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	660	660	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	250	250	FALSE
KAFB-106046	GW046-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106046	GW046-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106046	GW046-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106046	GW046-204	ug/l	10	5	1.7	5	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106046	GW046-204	ug/l	NS	NS	410	410	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	6300	1200	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106046	GW046-204	ug/l	NS	NS	60	120	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	62	62	FALSE
KAFB-106046	GW046-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106046	GW046-204	ug/l	NS	100	78	100	FALSE
KAFB-106046	GW046-204	ug/l	NS	70	11	70	FALSE
KAFB-106046	GW046-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106046	GW046-204	ug/l	20	5	110	5	FALSE
KAFB-106046	GW046-204	ug/l	620	10000	190	620	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	370	370	FALSE
KAFB-106046	GW046-204	ug/l	NS	70	36	70	FALSE
KAFB-106046	GW046-204	ug/l	NS	100	68	100	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	140	140	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106046	GW046-204	ug/l	NS	600	300	600	FALSE
KAFB-106046	GW046-204	ug/l	10	5	0.46	5	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	38	38	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106046	GW046-204	ug/l	100	80	2.2	80	FALSE
KAFB-106046	GW046-204	ug/l	10	5	4.6	5	FALSE
KAFB-106046	GW046-204	ug/l	60	200	8000	60	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	190	190	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	8	8	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	83	83	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106046	GW046-204	ug/l	2	2	0.19	2	FALSE
KAFB-106046	GW046-204	ug/l	100	5	110	5	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	810	810	FALSE
KAFB-106046	GW046-204	ug/l	NS	80	33	80	FALSE
KAFB-106046	GW046-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106046	GW046-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106046	GW046-204	ug/l	5	7	280	5	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	200	200	FALSE
KAFB-106046	GW046-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106046	GW046-204	ug/l	10	5	2.8	5	FALSE
KAFB-106046	GW046-204	ug/l	100	5	4.9	5	FALSE
KAFB-106046	GW046-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	7	7	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106046	GW046-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	240	240	FALSE
KAFB-106046	GW046-204	ug/l	NS	600	300	600	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	56	56	FALSE
KAFB-106046	GW046-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106046	GW046-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106046	GW046-204	ug/l	NS	NS	690	690	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	450	450	FALSE
KAFB-106046	GW046-204	ug/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106062	GW062-204	mg/l	600	250	NS	250	FALSE
KAFB-106062	GW062-204	mg/l	250	250	NS	250	FALSE
KAFB-106062	GW062-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-204	mg/l	10	10	NS	10	FALSE
KAFB-106062	GW062-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-204	mg/l	1	NS	NS	1	FALSE
KAFB-106062	GW062-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106062	GW062-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106062	GW062-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106062	GW062-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106062	GW062-204	ug/l	750	700	15	700	FALSE
KAFB-106062	GW062-204	ug/l	NS	100	1200	100	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	660	660	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	250	250	FALSE
KAFB-106062	GW062-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106062	GW062-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106062	GW062-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106062	GW062-204	ug/l	10	5	1.7	5	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106062	GW062-204	ug/l	NS	NS	410	410	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	60	120	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	62	62	FALSE
KAFB-106062	GW062-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106062	GW062-204	ug/l	NS	100	78	100	FALSE
KAFB-106062	GW062-204	ug/l	NS	70	11	70	FALSE
KAFB-106062	GW062-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106062	GW062-204	ug/l	20	5	110	5	FALSE
KAFB-106062	GW062-204	ug/l	620	10000	190	620	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	370	370	FALSE
KAFB-106062	GW062-204	ug/l	NS	70	36	70	FALSE
KAFB-106062	GW062-204	ug/l	NS	100	68	100	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	140	140	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106062	GW062-204	ug/l	NS	600	300	600	FALSE
KAFB-106062	GW062-204	ug/l	10	5	0.46	5	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	38	38	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106062	GW062-204	ug/l	100	80	2.2	80	FALSE
KAFB-106062	GW062-204	ug/l	10	5	4.6	5	FALSE
KAFB-106062	GW062-204	ug/l	60	200	8000	60	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	7.5	7.5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106062	GW062-204	ug/l	NS	NS	190	190	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	8	8	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	83	83	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106062	GW062-204	ug/l	2	2	0.19	2	FALSE
KAFB-106062	GW062-204	ug/l	100	5	110	5	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	810	810	FALSE
KAFB-106062	GW062-204	ug/l	NS	80	33	80	FALSE
KAFB-106062	GW062-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106062	GW062-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106062	GW062-204	ug/l	5	7	280	5	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	200	200	FALSE
KAFB-106062	GW062-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106062	GW062-204	ug/l	10	5	2.8	5	FALSE
KAFB-106062	GW062-204	ug/l	100	5	4.9	5	FALSE
KAFB-106062	GW062-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	7	7	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106062	GW062-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	240	240	FALSE
KAFB-106062	GW062-204	ug/l	NS	600	300	600	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	56	56	FALSE
KAFB-106062	GW062-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106062	GW062-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106062	GW062-204	ug/l	NS	NS	690	690	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	450	450	FALSE
KAFB-106062	GW062-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-204	mg/l	600	250	NS	250	FALSE
KAFB-106078	GW078-204	mg/l	250	250	NS	250	FALSE
KAFB-106078	GW078-204	mg/l	10	10	NS	10	FALSE
KAFB-106078	GW078-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-204	mg/l	1	NS	NS	1	FALSE
KAFB-106078	GW078-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106078	GW078-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106078	GW078-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106078	GW078-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106078	GW078-204	ug/l	750	700	15	700	FALSE
KAFB-106078	GW078-204	ug/l	NS	100	1200	100	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	660	660	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	250	250	FALSE
KAFB-106078	GW078-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106078	GW078-204	ug/l	0.05	0.05	0.075	0.05	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106078	GW078-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106078	GW078-204	ug/l	10	5	1.7	5	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106078	GW078-204	ug/l	NS	NS	410	410	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	60	120	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	62	62	FALSE
KAFB-106078	GW078-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106078	GW078-204	ug/l	NS	100	78	100	FALSE
KAFB-106078	GW078-204	ug/l	NS	70	11	70	FALSE
KAFB-106078	GW078-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106078	GW078-204	ug/l	20	5	110	5	FALSE
KAFB-106078	GW078-204	ug/l	620	10000	190	620	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	370	370	FALSE
KAFB-106078	GW078-204	ug/l	NS	70	36	70	FALSE
KAFB-106078	GW078-204	ug/l	NS	100	68	100	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	140	140	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106078	GW078-204	ug/l	NS	600	300	600	FALSE
KAFB-106078	GW078-204	ug/l	10	5	0.46	5	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	38	38	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106078	GW078-204	ug/l	100	80	2.2	80	FALSE
KAFB-106078	GW078-204	ug/l	10	5	4.6	5	FALSE
KAFB-106078	GW078-204	ug/l	60	200	8000	60	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	190	190	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	8	8	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	83	83	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106078	GW078-204	ug/l	2	2	0.19	2	FALSE
KAFB-106078	GW078-204	ug/l	100	5	110	5	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	810	810	FALSE
KAFB-106078	GW078-204	ug/l	NS	80	33	80	FALSE
KAFB-106078	GW078-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106078	GW078-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106078	GW078-204	ug/l	5	7	280	5	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	200	200	FALSE
KAFB-106078	GW078-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106078	GW078-204	ug/l	10	5	2.8	5	FALSE
KAFB-106078	GW078-204	ug/l	100	5	4.9	5	FALSE
KAFB-106078	GW078-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	7	7	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106078	GW078-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	240	240	FALSE
KAFB-106078	GW078-204	ug/l	NS	600	300	600	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	56	56	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106078	GW078-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106078	GW078-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106078	GW078-204	ug/l	NS	NS	690	690	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	450	450	FALSE
KAFB-106078	GW078-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-204	mg/l	250	250	NS	250	FALSE
KAFB-106002	GW002-204	mg/l	600	250	NS	250	FALSE
KAFB-106002	GW002-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-204	mg/l	10	10	NS	10	FALSE
KAFB-106002	GW002-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-204	mg/l	1	NS	NS	1	FALSE
KAFB-106002	GW002-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106002	GW002-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106002	GW002-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106002	GW002-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106002	GW002-204	ug/l	750	700	15	700	FALSE
KAFB-106002	GW002-204	ug/l	NS	100	1200	100	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	660	660	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	250	250	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	250	250	FALSE
KAFB-106002	GW002-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106002	GW002-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106002	GW002-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106002	GW002-204	ug/l	10	5	1.7	5	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106002	GW002-204	ug/l	NS	NS	410	410	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	60	120	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	62	62	FALSE
KAFB-106002	GW002-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106002	GW002-204	ug/l	NS	100	78	100	FALSE
KAFB-106002	GW002-204	ug/l	NS	70	11	70	FALSE
KAFB-106002	GW002-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106002	GW002-204	ug/l	20	5	110	5	FALSE
KAFB-106002	GW002-204	ug/l	620	10000	190	620	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	370	370	FALSE
KAFB-106002	GW002-204	ug/l	NS	70	36	70	FALSE
KAFB-106002	GW002-204	ug/l	NS	100	68	100	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	140	140	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106002	GW002-204	ug/l	NS	600	300	600	FALSE
KAFB-106002	GW002-204	ug/l	10	5	0.46	5	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	38	38	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	5.7	5.7	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106002	GW002-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106002	GW002-204	ug/l	100	80	2.2	80	FALSE
KAFB-106002	GW002-204	ug/l	10	5	4.6	5	FALSE
KAFB-106002	GW002-204	ug/l	60	200	8000	60	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	190	190	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	8	8	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	83	83	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106002	GW002-204	ug/l	2	2	0.19	2	FALSE
KAFB-106002	GW002-204	ug/l	100	5	110	5	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	810	810	FALSE
KAFB-106002	GW002-204	ug/l	NS	80	33	80	FALSE
KAFB-106002	GW002-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106002	GW002-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106002	GW002-204	ug/l	5	7	280	5	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	200	200	FALSE
KAFB-106002	GW002-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106002	GW002-204	ug/l	10	5	2.8	5	FALSE
KAFB-106002	GW002-204	ug/l	100	5	4.9	5	FALSE
KAFB-106002	GW002-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	7	7	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106002	GW002-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	240	240	FALSE
KAFB-106002	GW002-204	ug/l	NS	600	300	600	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	56	56	FALSE
KAFB-106002	GW002-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106002	GW002-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106002	GW002-204	ug/l	NS	NS	690	690	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	450	450	FALSE
KAFB-106002	GW002-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-204	mg/l	600	250	NS	250	FALSE
KAFB-106060	GW060-204	mg/l	250	250	NS	250	FALSE
KAFB-106060	GW060-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-204	mg/l	10	10	NS	10	FALSE
KAFB-106060	GW060-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-204	mg/l	1	NS	NS	1	FALSE
KAFB-106060	GW060-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106060	GW060-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106060	GW060-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106060	GW060-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106060	GW060-204	ug/l	750	700	15	700	FALSE
KAFB-106060	GW060-204	ug/l	NS	100	1200	100	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	4.7	4.7	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106060	GW060-204	ug/l	NS	NS	660	660	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	250	250	FALSE
KAFB-106060	GW060-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106060	GW060-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106060	GW060-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106060	GW060-204	ug/l	10	5	1.7	5	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106060	GW060-204	ug/l	NS	NS	410	410	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	60	120	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	62	62	FALSE
KAFB-106060	GW060-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106060	GW060-204	ug/l	NS	100	78	100	FALSE
KAFB-106060	GW060-204	ug/l	NS	70	11	70	FALSE
KAFB-106060	GW060-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106060	GW060-204	ug/l	20	5	110	5	FALSE
KAFB-106060	GW060-204	ug/l	620	10000	190	620	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	370	370	FALSE
KAFB-106060	GW060-204	ug/l	NS	70	36	70	FALSE
KAFB-106060	GW060-204	ug/l	NS	100	68	100	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	140	140	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106060	GW060-204	ug/l	NS	600	300	600	FALSE
KAFB-106060	GW060-204	ug/l	10	5	0.46	5	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	38	38	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	38	38	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106060	GW060-204	ug/l	100	80	2.2	80	FALSE
KAFB-106060	GW060-204	ug/l	10	5	4.6	5	FALSE
KAFB-106060	GW060-204	ug/l	60	200	8000	60	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	190	190	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	8	8	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	83	83	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106060	GW060-204	ug/l	2	2	0.19	2	FALSE
KAFB-106060	GW060-204	ug/l	100	5	110	5	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	810	810	FALSE
KAFB-106060	GW060-204	ug/l	NS	80	33	80	FALSE
KAFB-106060	GW060-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106060	GW060-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106060	GW060-204	ug/l	5	7	280	5	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	200	200	FALSE
KAFB-106060	GW060-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106060	GW060-204	ug/l	10	5	2.8	5	FALSE
KAFB-106060	GW060-204	ug/l	100	5	4.9	5	FALSE
KAFB-106060	GW060-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	7	7	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	1.4	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106060	GW060-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	240	240	FALSE
KAFB-106060	GW060-204	ug/l	NS	600	300	600	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	56	56	FALSE
KAFB-106060	GW060-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106060	GW060-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106060	GW060-204	ug/l	NS	NS	690	690	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	450	450	FALSE
KAFB-106060	GW060-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-204	mg/l	600	250	NS	250	FALSE
KAFB-106149-484	GW149-484-204	mg/l	250	250	NS	250	FALSE
KAFB-106149-484	GW149-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-204	mg/l	10	10	NS	10	FALSE
KAFB-106149-484	GW149-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-204	mg/l	1	NS	NS	1	FALSE
KAFB-106149-484	GW149-484-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106149-484	GW149-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106149-484	GW149-484-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106149-484	GW149-484-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106149-484	GW149-484-204	ug/l	750	700	15	700	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	100	1200	100	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	660	660	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	250	250	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106149-484	GW149-484-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106149-484	GW149-484-204	ug/l	10	5	1.7	5	TRUE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	410	410	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	60	120	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	62	62	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	100	78	100	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	70	11	70	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106149-484	GW149-484-204	ug/l	20	5	110	5	TRUE
KAFB-106149-484	GW149-484-204	ug/l	620	10000	190	620	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	370	370	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	70	36	70	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	100	68	100	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	140	140	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	600	300	600	FALSE
KAFB-106149-484	GW149-484-204	ug/l	10	5	0.46	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	38	38	TRUE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106149-484	GW149-484-204	ug/l	100	80	2.2	80	FALSE
KAFB-106149-484	GW149-484-204	ug/l	10	5	4.6	5	TRUE
KAFB-106149-484	GW149-484-204	ug/l	60	200	8000	60	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	190	190	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	8	8	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	83	83	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106149-484	GW149-484-204	ug/l	2	2	0.19	2	TRUE
KAFB-106149-484	GW149-484-204	ug/l	100	5	110	5	TRUE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	810	810	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	80	33	80	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106149-484	GW149-484-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106149-484	GW149-484-204	ug/l	5	7	280	5	TRUE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	200	200	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	5	8.25	5	TRUE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106149-484	GW149-484-204	ug/l	10	5	2.8	5	TRUE
KAFB-106149-484	GW149-484-204	ug/l	100	5	4.9	5	TRUE
KAFB-106149-484	GW149-484-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	7	7	TRUE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106149-484	GW149-484-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	240	240	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	600	300	600	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	56	56	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	690	690	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	450	450	FALSE
KAFB-106149-484	GW149-484-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106151-484	GW151-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-204	mg/l	600	250	NS	250	FALSE
KAFB-106151-484	GW151-484-204	mg/l	250	250	NS	250	FALSE
KAFB-106151-484	GW151-484-204	mg/l	10	10	NS	10	FALSE
KAFB-106151-484	GW151-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-204	mg/l	1	NS	NS	1	FALSE
KAFB-106151-484	GW151-484-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106151-484	GW151-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106151-484	GW151-484-204	mg/l	0.01	0.01	0.00052	0.01	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106151-484	GW151-484-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106151-484	GW151-484-204	ug/l	750	700	15	700	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	100	1200	100	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	660	660	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	250	250	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106151-484	GW151-484-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106151-484	GW151-484-204	ug/l	10	5	1.7	5	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	410	410	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	60	120	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	62	62	FALSE
KAFB-106151-484	GW151-484-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	100	78	100	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	70	11	70	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106151-484	GW151-484-204	ug/l	20	5	110	5	FALSE
KAFB-106151-484	GW151-484-204	ug/l	620	10000	190	620	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	370	370	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	70	36	70	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	100	68	100	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	140	140	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	140	140	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	600	300	600	FALSE
KAFB-106151-484	GW151-484-204	ug/l	10	5	0.46	5	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	38	38	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106151-484	GW151-484-204	ug/l	100	80	2.2	80	FALSE
KAFB-106151-484	GW151-484-204	ug/l	10	5	4.6	5	FALSE
KAFB-106151-484	GW151-484-204	ug/l	60	200	8000	60	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	190	190	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	8	8	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	83	83	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106151-484	GW151-484-204	ug/l	2	2	0.19	2	FALSE
KAFB-106151-484	GW151-484-204	ug/l	100	5	110	5	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	810	810	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	80	33	80	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106151-484	GW151-484-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106151-484	GW151-484-204	ug/l	5	7	280	5	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	200	200	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	5600	5600	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106151-484	GW151-484-204	ug/l	10	5	2.8	5	FALSE
KAFB-106151-484	GW151-484-204	ug/l	100	5	4.9	5	FALSE
KAFB-106151-484	GW151-484-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	7	7	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106151-484	GW151-484-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	240	240	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	600	300	600	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	56	56	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	690	690	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	450	450	FALSE
KAFB-106151-484	GW151-484-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-604	mg/l	600	250	NS	250	FALSE
KAFB-106151-484	GW151-484-604	mg/l	250	250	NS	250	FALSE
KAFB-106151-484	GW151-484-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-604	mg/l	10	10	NS	10	FALSE
KAFB-106151-484	GW151-484-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-604	mg/l	1	NS	NS	1	FALSE
KAFB-106151-484	GW151-484-604	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106151-484	GW151-484-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-604	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106151-484	GW151-484-604	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106151-484	GW151-484-604	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106151-484	GW151-484-604	ug/l	750	700	15	700	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	100	1200	100	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	660	660	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	1000	1000	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	250	250	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	75	4.8	75	FALSE
KAFB-106151-484	GW151-484-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	0.042	100	TRUE
KAFB-106151-484	GW151-484-604	ug/l	10	5	1.7	5	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	0.52	20	TRUE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	410	410	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	6300	1200	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	60	120	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	62	62	FALSE
KAFB-106151-484	GW151-484-604	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	100	78	100	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	70	11	70	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	80	1.7	80	FALSE
KAFB-106151-484	GW151-484-604	ug/l	20	5	110	5	FALSE
KAFB-106151-484	GW151-484-604	ug/l	620	10000	190	620	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	2000	2000	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	370	370	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106151-484	GW151-484-604	ug/l	NS	70	36	70	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	100	68	100	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	140	140	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	600	300	600	FALSE
KAFB-106151-484	GW151-484-604	ug/l	10	5	0.46	5	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	38	38	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	14000	14000	FALSE
KAFB-106151-484	GW151-484-604	ug/l	100	80	2.2	80	FALSE
KAFB-106151-484	GW151-484-604	ug/l	10	5	4.6	5	FALSE
KAFB-106151-484	GW151-484-604	ug/l	60	200	8000	60	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	190	190	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	8	8	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	83	83	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106151-484	GW151-484-604	ug/l	2	2	0.19	2	FALSE
KAFB-106151-484	GW151-484-604	ug/l	100	5	110	5	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	810	810	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	80	33	80	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	80	1.3	80	FALSE
KAFB-106151-484	GW151-484-604	ug/l	25	NS	2.8	25	FALSE
KAFB-106151-484	GW151-484-604	ug/l	5	7	280	5	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	5200	1100	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	200	200	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	5	8.25	5	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	5600	5600	FALSE
KAFB-106151-484	GW151-484-604	ug/l	10	5	2.8	5	FALSE
KAFB-106151-484	GW151-484-604	ug/l	100	5	4.9	5	FALSE
KAFB-106151-484	GW151-484-604	ug/l	10	NS	0.76	10	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	7	7	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	1.4	5	TRUE
KAFB-106151-484	GW151-484-604	ug/l	30	NS	1.2	30	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	240	240	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	600	300	600	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	56	56	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	690	690	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	450	450	FALSE
KAFB-106151-484	GW151-484-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-204	mg/l	600	250	NS	250	FALSE
KAFB-106S1-447	GWS1-447-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-204	mg/l	250	250	NS	250	FALSE
KAFB-106S1-447	GWS1-447-204	mg/l	10	10	NS	10	FALSE
KAFB-106S1-447	GWS1-447-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S1-447	GWS1-447-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-204	mg/l	1	NS	NS	1	FALSE
KAFB-106S1-447	GWS1-447-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S1-447	GWS1-447-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S1-447	GWS1-447-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	750	700	15	700	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	100	1200	100	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	660	660	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	250	250	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	75	4.8	75	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	10	5	1.7	5	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	410	410	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	60	120	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	62	62	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	100	78	100	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	70	11	70	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	80	1.7	80	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	20	5	110	5	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	620	10000	190	620	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	370	370	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	70	36	70	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	100	68	100	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	140	140	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	600	300	600	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	10	5	0.46	5	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	38	38	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	5.7	5.7	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	100	80	2.2	80	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	10	5	4.6	5	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	60	200	8000	60	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	7.5	7.5	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	190	190	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	8	8	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	83	83	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	2	2	0.19	2	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	100	5	110	5	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	810	810	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	80	33	80	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	80	1.3	80	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	25	NS	2.8	25	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S1-447	GWS1-447-204	ug/l	5	7	280	5	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	200	200	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	5	8.25	5	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	10	5	2.8	5	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	100	5	4.9	5	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	10	NS	0.76	10	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	7	7	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	30	NS	1.2	30	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	240	240	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	600	300	600	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	56	56	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	690	690	FALSE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	450	450	TRUE
KAFB-106S1-447	GWS1-447-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-204	mg/l	600	250	NS	250	FALSE
KAFB-106153-484	GW153-484-204	mg/l	250	250	NS	250	FALSE
KAFB-106153-484	GW153-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-204	mg/l	10	10	NS	10	FALSE
KAFB-106153-484	GW153-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-204	mg/l	1	NS	NS	1	FALSE
KAFB-106153-484	GW153-484-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106153-484	GW153-484-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106153-484	GW153-484-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106153-484	GW153-484-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106153-484	GW153-484-204	ug/l	750	700	15	700	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	100	1200	100	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	660	660	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	250	250	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	75	4.8	75	TRUE
KAFB-106153-484	GW153-484-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106153-484	GW153-484-204	ug/l	10	5	1.7	5	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	410	410	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	60	120	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	62	62	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	100	78	100	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	70	11	70	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	80	1.7	80	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106153-484	GW153-484-204	ug/l	20	5	110	5	TRUE
KAFB-106153-484	GW153-484-204	ug/l	620	10000	190	620	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	370	370	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	70	36	70	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	100	68	100	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	140	140	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	600	300	600	FALSE
KAFB-106153-484	GW153-484-204	ug/l	10	5	0.46	5	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	38	38	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	5.7	5.7	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106153-484	GW153-484-204	ug/l	100	80	2.2	80	FALSE
KAFB-106153-484	GW153-484-204	ug/l	60	200	8000	60	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	7.5	7.5	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	190	190	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	8	8	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	83	83	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106153-484	GW153-484-204	ug/l	2	2	0.19	2	TRUE
KAFB-106153-484	GW153-484-204	ug/l	100	5	110	5	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	810	810	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	80	33	80	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106153-484	GW153-484-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106153-484	GW153-484-204	ug/l	5	7	280	5	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	200	200	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	5	8.25	5	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106153-484	GW153-484-204	ug/l	10	5	2.8	5	TRUE
KAFB-106153-484	GW153-484-204	ug/l	100	5	4.9	5	TRUE
KAFB-106153-484	GW153-484-204	ug/l	10	NS	0.76	10	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	7	7	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106153-484	GW153-484-204	ug/l	30	NS	1.2	30	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	240	240	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	600	300	600	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	56	56	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	690	690	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	450	450	FALSE
KAFB-106153-484	GW153-484-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106153-484	GW153-484-204	ug/l	10	5	4.6	5	TRUE
KAFB-106S8-451	GWS8-451-204	mg/l	600	250	NS	250	FALSE
KAFB-106S8-451	GWS8-451-204	mg/l	250	250	NS	250	FALSE
KAFB-106S8-451	GWS8-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-204	mg/l	10	10	NS	10	FALSE
KAFB-106S8-451	GWS8-451-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S8-451	GWS8-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-204	mg/l	1	NS	NS	1	FALSE
KAFB-106S8-451	GWS8-451-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S8-451	GWS8-451-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S8-451	GWS8-451-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	750	700	15	700	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	100	1200	100	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	660	660	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	250	250	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	10	5	1.7	5	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	410	410	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	60	120	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	62	62	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	62	62	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	100	78	100	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	70	11	70	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	20	5	110	5	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	620	10000	190	620	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	370	370	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	70	36	70	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	100	68	100	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	140	140	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	600	300	600	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	10	5	0.46	5	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	38	38	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	100	80	2.2	80	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	10	5	4.6	5	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	60	200	8000	60	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	190	190	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	8	8	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	83	83	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	2	2	0.19	2	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S8-451	GWS8-451-204	ug/l	100	5	110	5	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	810	810	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	80	33	80	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	5	7	280	5	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	200	200	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	5	8.25	5	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	10	5	2.8	5	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	100	5	4.9	5	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	7	7	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	240	240	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	600	300	600	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	56	56	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	690	690	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	450	450	FALSE
KAFB-106S8-451	GWS8-451-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-204	mg/l	600	250	NS	250	FALSE
KAFB-106152-484	GW152-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-204	mg/l	250	250	NS	250	FALSE
KAFB-106152-484	GW152-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-204	mg/l	250	250	NS	250	FALSE
KAFB-106152-484	GW152-484-204	mg/l	10	10	NS	10	FALSE
KAFB-106152-484	GW152-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-204	mg/l	1	NS	NS	1	FALSE
KAFB-106152-484	GW152-484-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106152-484	GW152-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106152-484	GW152-484-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106152-484	GW152-484-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106152-484	GW152-484-204	ug/l	750	700	15	700	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	100	1200	100	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	660	660	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	250	250	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106152-484	GW152-484-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106152-484	GW152-484-204	ug/l	10	5	1.7	5	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	410	410	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	6300	1200	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	60	120	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	62	62	FALSE
KAFB-106152-484	GW152-484-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	100	78	100	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	70	11	70	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106152-484	GW152-484-204	ug/l	20	5	110	5	FALSE
KAFB-106152-484	GW152-484-204	ug/l	620	10000	190	620	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	370	370	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	70	36	70	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	100	68	100	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	140	140	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	600	300	600	FALSE
KAFB-106152-484	GW152-484-204	ug/l	10	5	0.46	5	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	38	38	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106152-484	GW152-484-204	ug/l	100	80	2.2	80	FALSE
KAFB-106152-484	GW152-484-204	ug/l	10	5	4.6	5	FALSE
KAFB-106152-484	GW152-484-204	ug/l	60	200	8000	60	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	190	190	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	8	8	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	83	83	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	8	8	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	83	83	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106152-484	GW152-484-204	ug/l	2	2	0.19	2	FALSE
KAFB-106152-484	GW152-484-204	ug/l	100	5	110	5	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	810	810	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	80	33	80	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106152-484	GW152-484-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106152-484	GW152-484-204	ug/l	5	7	280	5	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	200	200	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106152-484	GW152-484-204	ug/l	10	5	2.8	5	FALSE
KAFB-106152-484	GW152-484-204	ug/l	100	5	4.9	5	FALSE
KAFB-106152-484	GW152-484-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	7	7	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106152-484	GW152-484-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	240	240	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	600	300	600	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	56	56	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	690	690	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	450	450	FALSE
KAFB-106152-484	GW152-484-204	ug/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106024	GW024-204	mg/l	600	250	NS	250	FALSE
KAFB-106024	GW024-204	mg/l	250	250	NS	250	FALSE
KAFB-106024	GW024-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106024	GW024-204	mg/l	10	10	NS	10	FALSE
KAFB-106024	GW024-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106024	GW024-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106024	GW024-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106024	GW024-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106024	GW024-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106024	GW024-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106024	GW024-204	mg/l	1	NS	NS	1	FALSE
KAFB-106024	GW024-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106024	GW024-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106024	GW024-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106024	GW024-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106024	GW024-204	ug/l	750	700	15	700	FALSE
KAFB-106024	GW024-204	ug/l	NS	100	1200	100	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	660	660	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	250	250	FALSE
KAFB-106024	GW024-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106024	GW024-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106024	GW024-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106024	GW024-204	ug/l	10	5	1.7	5	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106024	GW024-204	ug/l	NS	NS	410	410	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	60	120	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	62	62	FALSE
KAFB-106024	GW024-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106024	GW024-204	ug/l	NS	100	78	100	FALSE
KAFB-106024	GW024-204	ug/l	NS	70	11	70	FALSE
KAFB-106024	GW024-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106024	GW024-204	ug/l	20	5	110	5	FALSE
KAFB-106024	GW024-204	ug/l	620	10000	190	620	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	370	370	FALSE
KAFB-106024	GW024-204	ug/l	NS	70	36	70	FALSE
KAFB-106024	GW024-204	ug/l	NS	100	68	100	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	140	140	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106024	GW024-204	ug/l	NS	600	300	600	FALSE
KAFB-106024	GW024-204	ug/l	10	5	0.46	5	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	38	38	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106024	GW024-204	ug/l	100	80	2.2	80	FALSE
KAFB-106024	GW024-204	ug/l	10	5	4.6	5	FALSE
KAFB-106024	GW024-204	ug/l	60	200	8000	60	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	7.5	7.5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106024	GW024-204	ug/l	NS	NS	190	190	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	8	8	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	83	83	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106024	GW024-204	ug/l	2	2	0.19	2	FALSE
KAFB-106024	GW024-204	ug/l	100	5	110	5	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	810	810	FALSE
KAFB-106024	GW024-204	ug/l	NS	80	33	80	FALSE
KAFB-106024	GW024-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106024	GW024-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106024	GW024-204	ug/l	5	7	280	5	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	200	200	FALSE
KAFB-106024	GW024-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106024	GW024-204	ug/l	10	5	2.8	5	FALSE
KAFB-106024	GW024-204	ug/l	100	5	4.9	5	FALSE
KAFB-106024	GW024-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	7	7	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106024	GW024-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	240	240	FALSE
KAFB-106024	GW024-204	ug/l	NS	600	300	600	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	56	56	FALSE
KAFB-106024	GW024-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106024	GW024-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106024	GW024-204	ug/l	NS	NS	690	690	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	450	450	FALSE
KAFB-106024	GW024-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-204	mg/l	600	250	NS	250	FALSE
KAFB-106S9-447	GWS9-447-204	mg/l	250	250	NS	250	FALSE
KAFB-106S9-447	GWS9-447-204	mg/l	10	10	NS	10	FALSE
KAFB-106S9-447	GWS9-447-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-204	mg/l	1	NS	NS	1	FALSE
KAFB-106S9-447	GWS9-447-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S9-447	GWS9-447-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S9-447	GWS9-447-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	750	700	15	700	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	100	1200	100	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	660	660	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	250	250	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	0.05	0.05	0.075	0.05	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106S9-447	GWS9-447-204	ug/l	10	5	1.7	5	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	410	410	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	60	120	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	62	62	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	100	78	100	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	70	11	70	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	20	5	110	5	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	620	10000	190	620	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	370	370	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	70	36	70	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	100	68	100	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	140	140	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	600	300	600	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	10	5	0.46	5	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	38	38	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	100	80	2.2	80	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	10	5	4.6	5	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	10	5	4.6	5	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	60	200	8000	60	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	190	190	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	8	8	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	83	83	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	2	2	0.19	2	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	100	5	110	5	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	810	810	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	80	33	80	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	5	7	280	5	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	200	200	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	10	5	2.8	5	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	100	5	4.9	5	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	7	7	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106S9-447	GWS9-447-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	240	240	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	600	300	600	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	56	56	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S9-447	GWS9-447-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	690	690	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	450	450	FALSE
KAFB-106S9-447	GWS9-447-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	200	200	FALSE
KAFB-106008	GW008-204	ug/l	NS	5	8.25	5	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106008	GW008-204	ug/l	10	5	2.8	5	TRUE
KAFB-106008	GW008-204	ug/l	100	5	4.9	5	TRUE
KAFB-106008	GW008-204	ug/l	10	NS	0.76	10	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	7	7	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106008	GW008-204	ug/l	30	NS	1.2	30	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	240	240	FALSE
KAFB-106008	GW008-204	ug/l	NS	600	300	600	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	56	56	TRUE
KAFB-106008	GW008-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	690	690	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	450	450	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-204	ug/l	10	5	4.6	5	TRUE
KAFB-106008	GW008-604	mg/l	600	250	NS	250	FALSE
KAFB-106008	GW008-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-604	mg/l	250	250	NS	250	FALSE
KAFB-106008	GW008-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-604	mg/l	250	250	NS	250	FALSE
KAFB-106008	GW008-604	mg/l	10	10	NS	10	FALSE
KAFB-106008	GW008-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-604	mg/l	1	NS	NS	1	FALSE
KAFB-106008	GW008-604	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106008	GW008-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-204	mg/l	600	250	NS	250	FALSE
KAFB-106008	GW008-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-204	mg/l	250	250	NS	250	FALSE
KAFB-106008	GW008-204	mg/l	10	10	NS	10	FALSE
KAFB-106008	GW008-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-204	mg/l	1	NS	NS	1	FALSE
KAFB-106008	GW008-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106008	GW008-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106008	GW008-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106008	GW008-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106008	GW008-204	ug/l	750	700	15	700	FALSE
KAFB-106008	GW008-204	ug/l	NS	100	1200	100	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	4.7	4.7	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106008	GW008-204	ug/l	NS	NS	660	660	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	250	250	FALSE
KAFB-106008	GW008-204	ug/l	NS	75	4.8	75	TRUE
KAFB-106008	GW008-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106008	GW008-204	ug/l	10	5	1.7	5	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	410	410	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	60	120	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	62	62	TRUE
KAFB-106008	GW008-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106008	GW008-204	ug/l	NS	100	78	100	FALSE
KAFB-106008	GW008-204	ug/l	NS	70	11	70	TRUE
KAFB-106008	GW008-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106008	GW008-204	ug/l	20	5	110	5	TRUE
KAFB-106008	GW008-204	ug/l	620	10000	190	620	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	370	370	FALSE
KAFB-106008	GW008-204	ug/l	NS	70	36	70	FALSE
KAFB-106008	GW008-204	ug/l	NS	100	68	100	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	140	140	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106008	GW008-204	ug/l	NS	600	300	600	FALSE
KAFB-106008	GW008-204	ug/l	10	5	0.46	5	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	38	38	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	5.7	5.7	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106008	GW008-204	ug/l	100	80	2.2	80	FALSE
KAFB-106008	GW008-204	ug/l	60	200	8000	60	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	7.5	7.5	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	190	190	FALSE
KAFB-106008	GW008-204	ug/l	NS	NS	8	8	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	83	83	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106008	GW008-204	ug/l	2	2	0.19	2	TRUE
KAFB-106008	GW008-204	ug/l	100	5	110	5	TRUE
KAFB-106008	GW008-204	ug/l	NS	NS	810	810	FALSE
KAFB-106008	GW008-204	ug/l	NS	80	33	80	TRUE
KAFB-106008	GW008-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106008	GW008-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106008	GW008-204	ug/l	5	7	280	5	TRUE
KAFB-106008	GW008-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-604	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106008	GW008-604	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106008	GW008-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106008	GW008-604	ug/l	750	700	15	700	FALSE
KAFB-106008	GW008-604	ug/l	NS	100	1200	100	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	4.7	4.7	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106008	GW008-604	ug/l	NS	NS	660	660	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	1000	1000	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	250	250	FALSE
KAFB-106008	GW008-604	ug/l	NS	75	4.8	75	TRUE
KAFB-106008	GW008-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	0.042	100	TRUE
KAFB-106008	GW008-604	ug/l	10	5	1.7	5	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	0.52	20	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	410	410	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	6300	1200	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	60	120	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	62	62	TRUE
KAFB-106008	GW008-604	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106008	GW008-604	ug/l	NS	100	78	100	FALSE
KAFB-106008	GW008-604	ug/l	NS	70	11	70	TRUE
KAFB-106008	GW008-604	ug/l	NS	80	1.7	80	FALSE
KAFB-106008	GW008-604	ug/l	20	5	110	5	TRUE
KAFB-106008	GW008-604	ug/l	620	10000	190	620	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	2000	2000	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	370	370	FALSE
KAFB-106008	GW008-604	ug/l	NS	70	36	70	FALSE
KAFB-106008	GW008-604	ug/l	NS	100	68	100	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	140	140	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106008	GW008-604	ug/l	NS	600	300	600	FALSE
KAFB-106008	GW008-604	ug/l	10	5	0.46	5	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	38	38	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	5.7	5.7	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	14000	14000	FALSE
KAFB-106008	GW008-604	ug/l	100	80	2.2	80	FALSE
KAFB-106008	GW008-604	ug/l	60	200	8000	60	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	7.5	7.5	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	190	190	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	8	8	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	83	83	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106008	GW008-604	ug/l	2	2	0.19	2	TRUE
KAFB-106008	GW008-604	ug/l	100	5	110	5	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	810	810	FALSE
KAFB-106008	GW008-604	ug/l	NS	80	33	80	TRUE
KAFB-106008	GW008-604	ug/l	NS	80	1.3	80	FALSE
KAFB-106008	GW008-604	ug/l	25	NS	2.8	25	FALSE
KAFB-106008	GW008-604	ug/l	5	7	280	5	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	5200	1100	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	200	200	FALSE
KAFB-106008	GW008-604	ug/l	NS	5	8.25	5	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	5600	5600	FALSE
KAFB-106008	GW008-604	ug/l	10	5	2.8	5	TRUE
KAFB-106008	GW008-604	ug/l	100	5	4.9	5	TRUE
KAFB-106008	GW008-604	ug/l	10	NS	0.76	10	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	7	7	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	1.4	5	TRUE
KAFB-106008	GW008-604	ug/l	30	NS	1.2	30	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106008	GW008-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	240	240	FALSE
KAFB-106008	GW008-604	ug/l	NS	600	300	600	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	56	56	TRUE
KAFB-106008	GW008-604	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106008	GW008-604	ug/l	NS	NS	690	690	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	450	450	FALSE
KAFB-106008	GW008-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106008	GW008-604	ug/l	10	5	4.6	5	TRUE
KAFB-106S4-446	GWS4-446-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-204	mg/l	600	250	NS	250	TRUE
KAFB-106S4-446	GWS4-446-204	mg/l	250	250	NS	250	FALSE
KAFB-106S4-446	GWS4-446-204	mg/l	10	10	NS	10	FALSE
KAFB-106S4-446	GWS4-446-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-204	mg/l	1	NS	NS	1	FALSE
KAFB-106S4-446	GWS4-446-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S4-446	GWS4-446-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S4-446	GWS4-446-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	750	700	15	700	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	100	1200	100	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	660	660	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	250	250	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106S4-446	GWS4-446-204	ug/l	10	5	1.7	5	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	410	410	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	60	120	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	62	62	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	100	78	100	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	70	11	70	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	20	5	110	5	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	620	10000	190	620	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	370	370	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	70	36	70	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	100	68	100	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	140	140	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	600	300	600	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S4-446	GWS4-446-204	ug/l	10	5	0.46	5	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	38	38	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	100	80	2.2	80	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	10	5	4.6	5	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	60	200	8000	60	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	190	190	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	8	8	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	83	83	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	2	2	0.19	2	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	100	5	110	5	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	810	810	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	80	33	80	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	5	7	280	5	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	200	200	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	10	5	2.8	5	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	100	5	4.9	5	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	7	7	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106S4-446	GWS4-446-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	240	240	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	600	300	600	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	56	56	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	690	690	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	450	450	FALSE
KAFB-106S4-446	GWS4-446-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-204	mg/l	600	250	NS	250	FALSE
KAFB-106S3-449	GWS3-449-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-204	mg/l	250	250	NS	250	FALSE
KAFB-106S3-449	GWS3-449-204	mg/l	10	10	NS	10	FALSE
KAFB-106S3-449	GWS3-449-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-204	mg/l	1	NS	NS	1	FALSE
KAFB-106S3-449	GWS3-449-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S3-449	GWS3-449-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S3-449	GWS3-449-204	mg/l	0.01	0.01	0.00052	0.01	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S3-449	GWS3-449-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S3-449	GWS3-449-204	ug/l	750	700	15	700	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	100	1200	100	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	660	660	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	250	250	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106S3-449	GWS3-449-204	ug/l	10	5	1.7	5	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	410	410	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	60	120	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	62	62	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	100	78	100	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	70	11	70	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	20	5	110	5	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	370	370	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	70	36	70	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	100	68	100	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	140	140	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	600	300	600	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	10	5	0.46	5	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	38	38	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	100	80	2.2	80	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	10	5	4.6	5	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	60	200	8000	60	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	190	190	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	8	8	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	83	83	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	2	2	0.19	2	TRUE
KAFB-106S3-449	GWS3-449-204	ug/l	100	5	110	5	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	810	810	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	80	33	80	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	5	7	280	5	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	200	200	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	10	5	2.8	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S3-449	GWS3-449-204	ug/l	100	5	4.9	5	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	7	7	TRUE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106S3-449	GWS3-449-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	240	240	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	600	300	600	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	56	56	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	690	690	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	450	450	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	620	10000	190	620	FALSE
KAFB-106S3-449	GWS3-449-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106S2-451	GWS2-451-204	mg/l	600	250	NS	250	FALSE
KAFB-106S2-451	GWS2-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-204	mg/l	250	250	NS	250	FALSE
KAFB-106S2-451	GWS2-451-204	mg/l	10	10	NS	10	FALSE
KAFB-106S2-451	GWS2-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-204	mg/l	1	NS	NS	1	FALSE
KAFB-106S2-451	GWS2-451-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S2-451	GWS2-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S2-451	GWS2-451-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	750	700	15	700	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	100	1200	100	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	660	660	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	250	250	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	10	5	1.7	5	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	410	410	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	60	120	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	62	62	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	100	78	100	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	70	11	70	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	20	5	110	5	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	620	10000	190	620	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	370	370	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S2-451	GWS2-451-204	ug/l	NS	70	36	70	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	100	68	100	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	140	140	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	600	300	600	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	10	5	0.46	5	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	38	38	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	100	80	2.2	80	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	10	5	4.6	5	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	60	200	8000	60	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	190	190	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	8	8	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	83	83	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	2	2	0.19	2	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	100	5	110	5	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	810	810	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	80	33	80	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	5	7	280	5	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	200	200	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	5	8.25	5	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	10	5	2.8	5	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	100	5	4.9	5	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	7	7	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	240	240	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	600	300	600	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	56	56	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	690	690	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	450	450	FALSE
KAFB-106S2-451	GWS2-451-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-204	mg/l	250	250	NS	250	FALSE
KAFB-106S7-451	GWS7-451-204	mg/l	600	250	NS	250	FALSE
KAFB-106S7-451	GWS7-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-204	mg/l	10	10	NS	10	FALSE
KAFB-106S7-451	GWS7-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-204	mg/l	1	NS	NS	1	FALSE
KAFB-106S7-451	GWS7-451-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S7-451	GWS7-451-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S7-451	GWS7-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S7-451	GWS7-451-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	750	700	15	700	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	100	1200	100	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	660	660	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	250	250	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	10	5	1.7	5	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	410	410	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	60	120	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	62	62	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	100	78	100	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	70	11	70	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	20	5	110	5	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	620	10000	190	620	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	370	370	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	70	36	70	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	100	68	100	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	140	140	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	600	300	600	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	10	5	0.46	5	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	38	38	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	100	80	2.2	80	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	10	5	4.6	5	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	60	200	8000	60	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	190	190	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	8	8	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	83	83	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	2	2	0.19	2	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	100	5	110	5	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	810	810	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	80	33	80	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	5	7	280	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	200	200	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	5	8.25	5	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	10	5	2.8	5	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	100	5	4.9	5	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	7	7	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	240	240	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	600	300	600	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	56	56	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	690	690	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	450	450	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	190	190	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	8	8	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	83	83	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106010	GW010-604	ug/l	2	2	0.19	2	TRUE
KAFB-106010	GW010-604	ug/l	100	5	110	5	TRUE
KAFB-106010	GW010-604	ug/l	NS	NS	810	810	FALSE
KAFB-106010	GW010-604	ug/l	NS	80	33	80	FALSE
KAFB-106010	GW010-604	ug/l	NS	80	1.3	80	FALSE
KAFB-106010	GW010-604	ug/l	25	NS	2.8	25	FALSE
KAFB-106010	GW010-604	ug/l	5	7	280	5	TRUE
KAFB-106010	GW010-604	ug/l	NS	NS	5200	1100	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	200	200	FALSE
KAFB-106010	GW010-604	ug/l	NS	5	8.25	5	TRUE
KAFB-106010	GW010-604	ug/l	NS	NS	5600	5600	FALSE
KAFB-106010	GW010-604	ug/l	10	5	2.8	5	TRUE
KAFB-106010	GW010-604	ug/l	100	5	4.9	5	TRUE
KAFB-106010	GW010-604	ug/l	10	NS	0.76	10	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	7	7	TRUE
KAFB-106010	GW010-604	ug/l	NS	NS	1.4	5	TRUE
KAFB-106010	GW010-604	ug/l	30	NS	1.2	30	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	240	240	FALSE
KAFB-106010	GW010-604	ug/l	NS	600	300	600	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	56	56	FALSE
KAFB-106010	GW010-604	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106010	GW010-604	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106010	GW010-604	ug/l	NS	NS	690	690	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	450	450	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-604	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106010	GW010-204	mg/l	600	250	NS	250	FALSE
KAFB-106010	GW010-204	mg/l	250	250	NS	250	FALSE
KAFB-106010	GW010-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-204	mg/l	10	10	NS	10	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106010	GW010-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-204	mg/l	1	NS	NS	1	FALSE
KAFB-106010	GW010-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106010	GW010-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106010	GW010-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106010	GW010-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106010	GW010-204	ug/l	750	700	15	700	FALSE
KAFB-106010	GW010-204	ug/l	NS	100	1200	100	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	660	660	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	250	250	FALSE
KAFB-106010	GW010-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106010	GW010-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106010	GW010-204	ug/l	10	5	1.7	5	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	410	410	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	60	120	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	62	62	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	60	120	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	62	62	FALSE
KAFB-106010	GW010-204	ug/l	NS	100	78	100	FALSE
KAFB-106010	GW010-204	ug/l	NS	70	11	70	FALSE
KAFB-106010	GW010-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106010	GW010-204	ug/l	20	5	110	5	TRUE
KAFB-106010	GW010-204	ug/l	620	10000	190	620	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	370	370	FALSE
KAFB-106010	GW010-204	ug/l	NS	70	36	70	FALSE
KAFB-106010	GW010-204	ug/l	NS	100	68	100	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	140	140	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106010	GW010-204	ug/l	NS	600	300	600	FALSE
KAFB-106010	GW010-204	ug/l	10	5	0.46	5	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	38	38	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	5.7	5.7	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106010	GW010-204	ug/l	100	80	2.2	80	FALSE
KAFB-106010	GW010-204	ug/l	10	5	4.6	5	TRUE
KAFB-106010	GW010-204	ug/l	60	200	8000	60	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	7.5	7.5	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	190	190	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	8	8	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	83	83	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106010	GW010-204	ug/l	2	2	0.19	2	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106010	GW010-204	ug/l	100	5	110	5	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	810	810	FALSE
KAFB-106010	GW010-204	ug/l	NS	80	33	80	FALSE
KAFB-106010	GW010-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106010	GW010-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106010	GW010-204	ug/l	5	7	280	5	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	200	200	FALSE
KAFB-106010	GW010-204	ug/l	NS	5	8.25	5	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106010	GW010-204	ug/l	10	5	2.8	5	TRUE
KAFB-106010	GW010-204	ug/l	100	5	4.9	5	TRUE
KAFB-106010	GW010-204	ug/l	10	NS	0.76	10	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	7	7	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106010	GW010-204	ug/l	30	NS	1.2	30	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	240	240	FALSE
KAFB-106010	GW010-204	ug/l	NS	600	300	600	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	56	56	FALSE
KAFB-106010	GW010-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106010	GW010-204	ug/l	NS	NS	690	690	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	450	450	FALSE
KAFB-106010	GW010-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106010	GW010-604	mg/l	600	250	NS	250	FALSE
KAFB-106010	GW010-604	mg/l	250	250	NS	250	FALSE
KAFB-106010	GW010-604	mg/l	600	250	NS	250	FALSE
KAFB-106010	GW010-604	mg/l	250	250	NS	250	FALSE
KAFB-106010	GW010-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-604	mg/l	10	10	NS	10	FALSE
KAFB-106010	GW010-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-604	mg/l	1	NS	NS	1	FALSE
KAFB-106010	GW010-604	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106010	GW010-604	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106010	GW010-604	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106010	GW010-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106010	GW010-604	ug/l	750	700	15	700	FALSE
KAFB-106010	GW010-604	ug/l	NS	100	1200	100	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106010	GW010-604	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106010	GW010-604	ug/l	NS	NS	660	660	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	1000	1000	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	250	250	FALSE
KAFB-106010	GW010-604	ug/l	NS	75	4.8	75	FALSE
KAFB-106010	GW010-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106010	GW010-604	ug/l	NS	NS	0.042	100	TRUE
KAFB-106010	GW010-604	ug/l	10	5	1.7	5	TRUE
KAFB-106010	GW010-604	ug/l	NS	NS	0.52	20	TRUE
KAFB-106010	GW010-604	ug/l	NS	NS	410	410	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106010	GW010-604	ug/l	NS	NS	6300	1200	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	60	120	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	62	62	FALSE
KAFB-106010	GW010-604	ug/l	NS	100	78	100	FALSE
KAFB-106010	GW010-604	ug/l	NS	70	11	70	FALSE
KAFB-106010	GW010-604	ug/l	NS	80	1.7	80	FALSE
KAFB-106010	GW010-604	ug/l	20	5	110	5	TRUE
KAFB-106010	GW010-604	ug/l	620	10000	190	620	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	2000	2000	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	370	370	FALSE
KAFB-106010	GW010-604	ug/l	NS	70	36	70	FALSE
KAFB-106010	GW010-604	ug/l	NS	100	68	100	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	140	140	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106010	GW010-604	ug/l	NS	600	300	600	FALSE
KAFB-106010	GW010-604	ug/l	10	5	0.46	5	TRUE
KAFB-106010	GW010-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	38	38	TRUE
KAFB-106010	GW010-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	14000	14000	FALSE
KAFB-106010	GW010-604	ug/l	100	80	2.2	80	FALSE
KAFB-106010	GW010-604	ug/l	10	5	4.6	5	TRUE
KAFB-106010	GW010-604	ug/l	60	200	8000	60	FALSE
KAFB-106010	GW010-604	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106S5-446	GWS5-446-204	mg/l	600	250	NS	250	FALSE
KAFB-106S5-446	GWS5-446-204	mg/l	250	250	NS	250	FALSE
KAFB-106S5-446	GWS5-446-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-204	mg/l	10	10	NS	10	FALSE
KAFB-106S5-446	GWS5-446-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-204	mg/l	1	NS	NS	1	FALSE
KAFB-106S5-446	GWS5-446-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S5-446	GWS5-446-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S5-446	GWS5-446-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	750	700	15	700	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	100	1200	100	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	660	660	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	250	250	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	10	5	1.7	5	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	410	410	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	6300	1200	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	60	120	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	62	62	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	100	78	100	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	70	11	70	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	20	5	110	5	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	620	10000	190	620	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	370	370	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	70	36	70	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	100	68	100	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	140	140	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	600	300	600	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	10	5	0.46	5	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	38	38	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	5.7	5.7	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	100	80	2.2	80	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	10	5	4.6	5	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	60	200	8000	60	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	7.5	7.5	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	190	190	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	8	8	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	83	83	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	83	83	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	2	2	0.19	2	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	100	5	110	5	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	810	810	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	80	33	80	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	5	7	280	5	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	200	200	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	5	8.25	5	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	10	5	2.8	5	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	100	5	4.9	5	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	10	NS	0.76	10	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	7	7	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	30	NS	1.2	30	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	240	240	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	600	300	600	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	56	56	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	690	690	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	450	450	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-204	ug/l	1,000	1000	1100	1,000	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S5-446	GWS5-446-604	mg/l	600	250	NS	250	FALSE
KAFB-106S5-446	GWS5-446-604	mg/l	250	250	NS	250	FALSE
KAFB-106S5-446	GWS5-446-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-604	mg/l	10	10	NS	10	FALSE
KAFB-106S5-446	GWS5-446-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-604	mg/l	1	NS	NS	1	FALSE
KAFB-106S5-446	GWS5-446-604	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S5-446	GWS5-446-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-604	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S5-446	GWS5-446-604	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	750	700	15	700	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	100	1200	100	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	660	660	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	1000	1000	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	250	250	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	75	4.8	75	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	0.042	100	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	10	5	1.7	5	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	0.52	20	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	410	410	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	6300	1200	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	60	120	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	62	62	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	100	78	100	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	70	11	70	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	80	1.7	80	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	20	5	110	5	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	620	10000	190	620	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	2000	2000	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	370	370	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	70	36	70	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	100	68	100	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	140	140	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	600	300	600	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	10	5	0.46	5	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	38	38	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	5.7	5.7	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	14000	14000	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	100	80	2.2	80	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	10	5	4.6	5	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	60	200	8000	60	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	7.5	7.5	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	190	190	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	8	8	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	83	83	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	2	2	0.19	2	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	100	5	110	5	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	810	810	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	80	33	80	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	80	1.3	80	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	25	NS	2.8	25	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	5	7	280	5	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	5200	1100	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	200	200	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	5	8.25	5	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	5600	5600	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	10	5	2.8	5	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	100	5	4.9	5	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	10	NS	0.76	10	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	7	7	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	1.4	5	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	30	NS	1.2	30	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	240	240	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	600	300	600	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	56	56	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	690	690	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	450	450	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-604	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106028	GW028-204	mg/l	600	250	NS	250	FALSE
KAFB-106028	GW028-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-204	mg/l	250	250	NS	250	FALSE
KAFB-106028	GW028-204	mg/l	10	10	NS	10	FALSE
KAFB-106028	GW028-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-204	mg/l	1	NS	NS	1	FALSE
KAFB-106028	GW028-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106028	GW028-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106028	GW028-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106028	GW028-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106028	GW028-204	ug/l	750	700	15	700	FALSE
KAFB-106028	GW028-204	ug/l	NS	100	1200	100	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106028	GW028-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106028	GW028-204	ug/l	NS	NS	660	660	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	250	250	FALSE
KAFB-106028	GW028-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106028	GW028-204	ug/l	0.05	0.05	0.075	0.05	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106028	GW028-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106028	GW028-204	ug/l	10	5	1.7	5	TRUE
KAFB-106028	GW028-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106028	GW028-204	ug/l	NS	NS	410	410	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	60	120	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	62	62	FALSE
KAFB-106028	GW028-204	ug/l	NS	100	78	100	FALSE
KAFB-106028	GW028-204	ug/l	NS	70	11	70	FALSE
KAFB-106028	GW028-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106028	GW028-204	ug/l	20	5	110	5	TRUE
KAFB-106028	GW028-204	ug/l	620	10000	190	620	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	370	370	FALSE
KAFB-106028	GW028-204	ug/l	NS	70	36	70	FALSE
KAFB-106028	GW028-204	ug/l	NS	100	68	100	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	140	140	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106028	GW028-204	ug/l	NS	600	300	600	FALSE
KAFB-106028	GW028-204	ug/l	10	5	0.46	5	TRUE
KAFB-106028	GW028-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	38	38	TRUE
KAFB-106028	GW028-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	5.7	5.7	TRUE
KAFB-106028	GW028-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106028	GW028-204	ug/l	100	80	2.2	80	FALSE
KAFB-106028	GW028-204	ug/l	60	200	8000	60	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	7.5	7.5	TRUE
KAFB-106028	GW028-204	ug/l	NS	NS	190	190	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	8	8	TRUE
KAFB-106028	GW028-204	ug/l	NS	NS	83	83	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106028	GW028-204	ug/l	2	2	0.19	2	TRUE
KAFB-106028	GW028-204	ug/l	100	5	110	5	TRUE
KAFB-106028	GW028-204	ug/l	NS	NS	810	810	FALSE
KAFB-106028	GW028-204	ug/l	NS	80	33	80	FALSE
KAFB-106028	GW028-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106028	GW028-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106028	GW028-204	ug/l	5	7	280	5	TRUE
KAFB-106028	GW028-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	200	200	FALSE
KAFB-106028	GW028-204	ug/l	NS	5	8.25	5	TRUE
KAFB-106028	GW028-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106028	GW028-204	ug/l	10	5	2.8	5	TRUE
KAFB-106028	GW028-204	ug/l	100	5	4.9	5	TRUE
KAFB-106028	GW028-204	ug/l	10	NS	0.76	10	TRUE
KAFB-106028	GW028-204	ug/l	NS	NS	7	7	TRUE
KAFB-106028	GW028-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106028	GW028-204	ug/l	30	NS	1.2	30	TRUE
KAFB-106028	GW028-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	240	240	FALSE
KAFB-106028	GW028-204	ug/l	NS	600	300	600	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	56	56	FALSE
KAFB-106028	GW028-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106028	GW028-204	ug/l	NS	NS	0.0075	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106028	GW028-204	ug/l	NS	NS	690	690	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	450	450	FALSE
KAFB-106028	GW028-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106028	GW028-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106028	GW028-204	ug/l	10	5	4.6	5	TRUE
KAFB-106075	GW075-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-204	mg/l	600	250	NS	250	FALSE
KAFB-106075	GW075-204	mg/l	250	250	NS	250	FALSE
KAFB-106075	GW075-204	mg/l	10	10	NS	10	FALSE
KAFB-106075	GW075-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-204	mg/l	1	NS	NS	1	FALSE
KAFB-106075	GW075-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106075	GW075-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106075	GW075-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106075	GW075-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106075	GW075-204	ug/l	750	700	15	700	FALSE
KAFB-106075	GW075-204	ug/l	NS	100	1200	100	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	660	660	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	250	250	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	250	250	FALSE
KAFB-106075	GW075-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106075	GW075-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106075	GW075-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106075	GW075-204	ug/l	10	5	1.7	5	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106075	GW075-204	ug/l	NS	NS	410	410	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	60	120	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	62	62	FALSE
KAFB-106075	GW075-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106075	GW075-204	ug/l	NS	100	78	100	FALSE
KAFB-106075	GW075-204	ug/l	NS	70	11	70	FALSE
KAFB-106075	GW075-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106075	GW075-204	ug/l	20	5	110	5	FALSE
KAFB-106075	GW075-204	ug/l	620	10000	190	620	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	370	370	FALSE
KAFB-106075	GW075-204	ug/l	NS	70	36	70	FALSE
KAFB-106075	GW075-204	ug/l	NS	100	68	100	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	140	140	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106075	GW075-204	ug/l	NS	600	300	600	FALSE
KAFB-106075	GW075-204	ug/l	10	5	0.46	5	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	38	38	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	5.7	5.7	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106075	GW075-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106075	GW075-204	ug/l	100	80	2.2	80	FALSE
KAFB-106075	GW075-204	ug/l	10	5	4.6	5	FALSE
KAFB-106075	GW075-204	ug/l	60	200	8000	60	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	190	190	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	8	8	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	83	83	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106075	GW075-204	ug/l	2	2	0.19	2	FALSE
KAFB-106075	GW075-204	ug/l	100	5	110	5	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	810	810	FALSE
KAFB-106075	GW075-204	ug/l	NS	80	33	80	FALSE
KAFB-106075	GW075-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106075	GW075-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106075	GW075-204	ug/l	5	7	280	5	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	200	200	FALSE
KAFB-106075	GW075-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106075	GW075-204	ug/l	10	5	2.8	5	FALSE
KAFB-106075	GW075-204	ug/l	100	5	4.9	5	FALSE
KAFB-106075	GW075-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	7	7	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106075	GW075-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	240	240	FALSE
KAFB-106075	GW075-204	ug/l	NS	600	300	600	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	56	56	FALSE
KAFB-106075	GW075-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106075	GW075-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106075	GW075-204	ug/l	NS	NS	690	690	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	450	450	FALSE
KAFB-106075	GW075-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-204	mg/l	600	250	NS	250	FALSE
KAFB-106005	GW005-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-204	mg/l	250	250	NS	250	FALSE
KAFB-106005	GW005-204	mg/l	10	10	NS	10	FALSE
KAFB-106005	GW005-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-204	mg/l	1	NS	NS	1	FALSE
KAFB-106005	GW005-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106005	GW005-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106005	GW005-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106005	GW005-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106005	GW005-204	ug/l	750	700	15	700	FALSE
KAFB-106005	GW005-204	ug/l	NS	100	1200	100	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106005	GW005-204	ug/l	NS	NS	4.7	4.7	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106005	GW005-204	ug/l	NS	NS	660	660	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	250	250	FALSE
KAFB-106005	GW005-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106005	GW005-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106005	GW005-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106005	GW005-204	ug/l	10	5	1.7	5	TRUE
KAFB-106005	GW005-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106005	GW005-204	ug/l	NS	NS	410	410	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	60	120	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	62	62	FALSE
KAFB-106005	GW005-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106005	GW005-204	ug/l	NS	100	78	100	FALSE
KAFB-106005	GW005-204	ug/l	NS	70	11	70	FALSE
KAFB-106005	GW005-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106005	GW005-204	ug/l	20	5	110	5	TRUE
KAFB-106005	GW005-204	ug/l	620	10000	190	620	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	370	370	FALSE
KAFB-106005	GW005-204	ug/l	NS	70	36	70	FALSE
KAFB-106005	GW005-204	ug/l	NS	100	68	100	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	140	140	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106005	GW005-204	ug/l	NS	600	300	600	FALSE
KAFB-106005	GW005-204	ug/l	10	5	0.46	5	TRUE
KAFB-106005	GW005-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	38	38	TRUE
KAFB-106005	GW005-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106005	GW005-204	ug/l	100	80	2.2	80	FALSE
KAFB-106005	GW005-204	ug/l	10	5	4.6	5	TRUE
KAFB-106005	GW005-204	ug/l	60	200	8000	60	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	190	190	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	8	8	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	83	83	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106005	GW005-204	ug/l	2	2	0.19	2	TRUE
KAFB-106005	GW005-204	ug/l	100	5	110	5	TRUE
KAFB-106005	GW005-204	ug/l	NS	NS	810	810	FALSE
KAFB-106005	GW005-204	ug/l	NS	80	33	80	FALSE
KAFB-106005	GW005-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106005	GW005-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106005	GW005-204	ug/l	5	7	280	5	TRUE
KAFB-106005	GW005-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	200	200	FALSE
KAFB-106005	GW005-204	ug/l	NS	5	8.25	5	TRUE
KAFB-106005	GW005-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106005	GW005-204	ug/l	10	5	2.8	5	TRUE
KAFB-106005	GW005-204	ug/l	100	5	4.9	5	TRUE
KAFB-106005	GW005-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	7	7	TRUE
KAFB-106005	GW005-204	ug/l	NS	NS	1.4	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106005	GW005-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	240	240	FALSE
KAFB-106005	GW005-204	ug/l	NS	600	300	600	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	56	56	FALSE
KAFB-106005	GW005-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106005	GW005-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106005	GW005-204	ug/l	NS	NS	690	690	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	450	450	FALSE
KAFB-106005	GW005-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-204	mg/l	600	250	NS	250	FALSE
KAFB-106059	GW059-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-204	mg/l	250	250	NS	250	FALSE
KAFB-106059	GW059-204	mg/l	10	10	NS	10	FALSE
KAFB-106059	GW059-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-204	mg/l	1	NS	NS	1	FALSE
KAFB-106059	GW059-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106059	GW059-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106059	GW059-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106059	GW059-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106059	GW059-204	ug/l	750	700	15	700	FALSE
KAFB-106059	GW059-204	ug/l	NS	100	1200	100	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	660	660	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	250	250	FALSE
KAFB-106059	GW059-204	ug/l	NS	75	4.8	75	TRUE
KAFB-106059	GW059-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106059	GW059-204	ug/l	10	5	1.7	5	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	410	410	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	60	120	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	62	62	TRUE
KAFB-106059	GW059-204	ug/l	NS	100	78	100	FALSE
KAFB-106059	GW059-204	ug/l	NS	70	11	70	TRUE
KAFB-106059	GW059-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106059	GW059-204	ug/l	20	5	110	5	TRUE
KAFB-106059	GW059-204	ug/l	620	10000	190	620	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	370	370	FALSE
KAFB-106059	GW059-204	ug/l	NS	70	36	70	FALSE
KAFB-106059	GW059-204	ug/l	NS	100	68	100	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	140	140	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106059	GW059-204	ug/l	NS	600	300	600	FALSE
KAFB-106059	GW059-204	ug/l	10	5	0.46	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106059	GW059-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	38	38	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	5.7	5.7	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106059	GW059-204	ug/l	100	80	2.2	80	FALSE
KAFB-106059	GW059-204	ug/l	60	200	8000	60	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	7.5	7.5	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	190	190	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	8	8	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	83	83	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106059	GW059-204	ug/l	2	2	0.19	2	TRUE
KAFB-106059	GW059-204	ug/l	100	5	110	5	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	810	810	FALSE
KAFB-106059	GW059-204	ug/l	NS	80	33	80	TRUE
KAFB-106059	GW059-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106059	GW059-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106059	GW059-204	ug/l	5	7	280	5	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	200	200	FALSE
KAFB-106059	GW059-204	ug/l	NS	5	8.25	5	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106059	GW059-204	ug/l	10	5	2.8	5	TRUE
KAFB-106059	GW059-204	ug/l	100	5	4.9	5	TRUE
KAFB-106059	GW059-204	ug/l	10	NS	0.76	10	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	7	7	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	1.2	30	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	240	240	FALSE
KAFB-106059	GW059-204	ug/l	NS	600	300	600	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	56	56	TRUE
KAFB-106059	GW059-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106059	GW059-204	ug/l	NS	NS	690	690	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	450	450	FALSE
KAFB-106059	GW059-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106059	GW059-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106059	GW059-204	ug/l	10	5	4.6	5	TRUE
KAFB-106018	GW018-204	mg/l	600	250	NS	250	FALSE
KAFB-106018	GW018-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-204	mg/l	250	250	NS	250	FALSE
KAFB-106018	GW018-204	mg/l	10	10	NS	10	FALSE
KAFB-106018	GW018-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-204	mg/l	1	NS	NS	1	FALSE
KAFB-106018	GW018-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106018	GW018-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106018	GW018-204	mg/l	0.01	0.01	0.00052	0.01	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106018	GW018-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106018	GW018-204	ug/l	750	700	15	700	FALSE
KAFB-106018	GW018-204	ug/l	NS	100	1200	100	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	660	660	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	250	250	FALSE
KAFB-106018	GW018-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106018	GW018-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106018	GW018-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106018	GW018-204	ug/l	10	5	1.7	5	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106018	GW018-204	ug/l	NS	NS	410	410	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	60	120	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	62	62	FALSE
KAFB-106018	GW018-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106018	GW018-204	ug/l	NS	100	78	100	FALSE
KAFB-106018	GW018-204	ug/l	NS	70	11	70	FALSE
KAFB-106018	GW018-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106018	GW018-204	ug/l	20	5	110	5	FALSE
KAFB-106018	GW018-204	ug/l	620	10000	190	620	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	370	370	FALSE
KAFB-106018	GW018-204	ug/l	NS	70	36	70	FALSE
KAFB-106018	GW018-204	ug/l	NS	100	68	100	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	140	140	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	140	140	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106018	GW018-204	ug/l	NS	600	300	600	FALSE
KAFB-106018	GW018-204	ug/l	10	5	0.46	5	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	38	38	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106018	GW018-204	ug/l	100	80	2.2	80	FALSE
KAFB-106018	GW018-204	ug/l	10	5	4.6	5	FALSE
KAFB-106018	GW018-204	ug/l	60	200	8000	60	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	190	190	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	8	8	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	83	83	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106018	GW018-204	ug/l	2	2	0.19	2	FALSE
KAFB-106018	GW018-204	ug/l	100	5	110	5	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	810	810	FALSE
KAFB-106018	GW018-204	ug/l	NS	80	33	80	FALSE
KAFB-106018	GW018-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106018	GW018-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106018	GW018-204	ug/l	5	7	280	5	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	200	200	FALSE
KAFB-106018	GW018-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	5600	5600	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106018	GW018-204	ug/l	10	5	2.8	5	FALSE
KAFB-106018	GW018-204	ug/l	100	5	4.9	5	FALSE
KAFB-106018	GW018-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	7	7	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106018	GW018-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	240	240	FALSE
KAFB-106018	GW018-204	ug/l	NS	600	300	600	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	56	56	FALSE
KAFB-106018	GW018-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106018	GW018-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106018	GW018-204	ug/l	NS	NS	690	690	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	450	450	FALSE
KAFB-106018	GW018-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-204	mg/l	600	250	NS	250	FALSE
KAFB-106020	GW020-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-204	mg/l	250	250	NS	250	FALSE
KAFB-106020	GW020-204	mg/l	10	10	NS	10	FALSE
KAFB-106020	GW020-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-204	mg/l	1	NS	NS	1	FALSE
KAFB-106020	GW020-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106020	GW020-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106020	GW020-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106020	GW020-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106020	GW020-204	ug/l	750	700	15	700	FALSE
KAFB-106020	GW020-204	ug/l	NS	100	1200	100	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	660	660	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	250	250	FALSE
KAFB-106020	GW020-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106020	GW020-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106020	GW020-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106020	GW020-204	ug/l	10	5	1.7	5	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106020	GW020-204	ug/l	NS	NS	410	410	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	60	120	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	62	62	FALSE
KAFB-106020	GW020-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106020	GW020-204	ug/l	NS	100	78	100	FALSE
KAFB-106020	GW020-204	ug/l	NS	70	11	70	FALSE
KAFB-106020	GW020-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106020	GW020-204	ug/l	20	5	110	5	FALSE
KAFB-106020	GW020-204	ug/l	620	10000	190	620	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	370	370	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106020	GW020-204	ug/l	NS	70	36	70	FALSE
KAFB-106020	GW020-204	ug/l	NS	100	68	100	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	140	140	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106020	GW020-204	ug/l	NS	600	300	600	FALSE
KAFB-106020	GW020-204	ug/l	10	5	0.46	5	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	38	38	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106020	GW020-204	ug/l	100	80	2.2	80	FALSE
KAFB-106020	GW020-204	ug/l	10	5	4.6	5	FALSE
KAFB-106020	GW020-204	ug/l	60	200	8000	60	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	190	190	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	8	8	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	83	83	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106020	GW020-204	ug/l	2	2	0.19	2	FALSE
KAFB-106020	GW020-204	ug/l	100	5	110	5	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	810	810	FALSE
KAFB-106020	GW020-204	ug/l	NS	80	33	80	FALSE
KAFB-106020	GW020-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106020	GW020-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106020	GW020-204	ug/l	5	7	280	5	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	200	200	FALSE
KAFB-106020	GW020-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106020	GW020-204	ug/l	10	5	2.8	5	FALSE
KAFB-106020	GW020-204	ug/l	100	5	4.9	5	FALSE
KAFB-106020	GW020-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	7	7	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106020	GW020-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	240	240	FALSE
KAFB-106020	GW020-204	ug/l	NS	600	300	600	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	56	56	FALSE
KAFB-106020	GW020-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106020	GW020-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106020	GW020-204	ug/l	NS	NS	690	690	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	450	450	FALSE
KAFB-106020	GW020-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-204	mg/l	600	250	NS	250	FALSE
KAFB-106014	GW014-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-204	mg/l	250	250	NS	250	FALSE
KAFB-106014	GW014-204	mg/l	10	10	NS	10	FALSE
KAFB-106014	GW014-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106014	GW014-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-204	mg/l	1	NS	NS	1	FALSE
KAFB-106014	GW014-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106014	GW014-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106014	GW014-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106014	GW014-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106014	GW014-204	ug/l	750	700	15	700	FALSE
KAFB-106014	GW014-204	ug/l	NS	100	1200	100	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	660	660	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	250	250	FALSE
KAFB-106014	GW014-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106014	GW014-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106014	GW014-204	ug/l	10	5	1.7	5	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	410	410	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	60	120	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	62	62	FALSE
KAFB-106014	GW014-204	ug/l	NS	100	78	100	FALSE
KAFB-106014	GW014-204	ug/l	NS	70	11	70	FALSE
KAFB-106014	GW014-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106014	GW014-204	ug/l	20	5	110	5	TRUE
KAFB-106014	GW014-204	ug/l	620	10000	190	620	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	370	370	FALSE
KAFB-106014	GW014-204	ug/l	NS	70	36	70	FALSE
KAFB-106014	GW014-204	ug/l	NS	100	68	100	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	140	140	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106014	GW014-204	ug/l	NS	600	300	600	FALSE
KAFB-106014	GW014-204	ug/l	10	5	0.46	5	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	38	38	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	5.7	5.7	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106014	GW014-204	ug/l	100	80	2.2	80	FALSE
KAFB-106014	GW014-204	ug/l	60	200	8000	60	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	7.5	7.5	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	190	190	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	8	8	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	83	83	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106014	GW014-204	ug/l	2	2	0.19	2	TRUE
KAFB-106014	GW014-204	ug/l	100	5	110	5	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	810	810	FALSE
KAFB-106014	GW014-204	ug/l	NS	80	33	80	FALSE
KAFB-106014	GW014-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106014	GW014-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106014	GW014-204	ug/l	5	7	280	5	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	5200	1100	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106014	GW014-204	ug/l	NS	NS	200	200	FALSE
KAFB-106014	GW014-204	ug/l	NS	5	8.25	5	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106014	GW014-204	ug/l	10	5	2.8	5	TRUE
KAFB-106014	GW014-204	ug/l	100	5	4.9	5	TRUE
KAFB-106014	GW014-204	ug/l	10	NS	0.76	10	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	7	7	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106014	GW014-204	ug/l	30	NS	1.2	30	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	240	240	FALSE
KAFB-106014	GW014-204	ug/l	NS	600	300	600	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	56	56	FALSE
KAFB-106014	GW014-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106014	GW014-204	ug/l	NS	NS	690	690	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	450	450	FALSE
KAFB-106014	GW014-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106014	GW014-204	ug/l	10	5	4.6	5	TRUE
KAFB-106014	GW014-604	mg/l	600	250	NS	250	FALSE
KAFB-106014	GW014-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-604	mg/l	250	250	NS	250	FALSE
KAFB-106014	GW014-604	mg/l	10	10	NS	10	FALSE
KAFB-106014	GW014-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-604	mg/l	1	NS	NS	1	FALSE
KAFB-106014	GW014-604	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106014	GW014-604	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106014	GW014-604	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106014	GW014-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106014	GW014-604	ug/l	750	700	15	700	FALSE
KAFB-106014	GW014-604	ug/l	NS	100	1200	100	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	660	660	FALSE
KAFB-106014	GW014-604	ug/l	NS	NS	1000	1000	FALSE
KAFB-106014	GW014-604	ug/l	NS	NS	250	250	TRUE
KAFB-106014	GW014-604	ug/l	NS	75	4.8	75	TRUE
KAFB-106014	GW014-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	0.042	100	TRUE
KAFB-106014	GW014-604	ug/l	10	5	1.7	5	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	0.52	20	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	410	410	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	6300	1200	FALSE
KAFB-106014	GW014-604	ug/l	NS	NS	60	120	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	62	62	TRUE
KAFB-106014	GW014-604	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106014	GW014-604	ug/l	NS	100	78	100	FALSE
KAFB-106014	GW014-604	ug/l	NS	70	11	70	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106014	GW014-604	ug/l	NS	80	1.7	80	FALSE
KAFB-106014	GW014-604	ug/l	20	5	110	5	TRUE
KAFB-106014	GW014-604	ug/l	620	10000	190	620	FALSE
KAFB-106014	GW014-604	ug/l	NS	NS	2000	2000	FALSE
KAFB-106014	GW014-604	ug/l	NS	NS	370	370	FALSE
KAFB-106014	GW014-604	ug/l	NS	70	36	70	FALSE
KAFB-106014	GW014-604	ug/l	NS	100	68	100	FALSE
KAFB-106014	GW014-604	ug/l	NS	NS	140	140	FALSE
KAFB-106014	GW014-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106014	GW014-604	ug/l	NS	600	300	600	FALSE
KAFB-106014	GW014-604	ug/l	10	5	0.46	5	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-604	ug/l	NS	NS	38	38	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106014	GW014-604	ug/l	NS	NS	5.7	5.7	TRUE
KAFB-106014	GW014-604	ug/l	100	80	2.2	80	FALSE
KAFB-106014	GW014-604	ug/l	10	5	4.6	5	TRUE
KAFB-106014	GW014-604	ug/l	60	200	8000	60	FALSE
KAFB-106014	GW014-604	ug/l	NS	NS	7.5	7.5	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	190	190	FALSE
KAFB-106014	GW014-604	ug/l	NS	NS	8	8	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	83	83	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106014	GW014-604	ug/l	2	2	0.19	2	TRUE
KAFB-106014	GW014-604	ug/l	100	5	110	5	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	810	810	FALSE
KAFB-106014	GW014-604	ug/l	NS	80	33	80	TRUE
KAFB-106014	GW014-604	ug/l	NS	80	1.3	80	FALSE
KAFB-106014	GW014-604	ug/l	25	NS	2.8	25	TRUE
KAFB-106014	GW014-604	ug/l	5	7	280	5	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	5200	1100	FALSE
KAFB-106014	GW014-604	ug/l	NS	NS	200	200	FALSE
KAFB-106014	GW014-604	ug/l	NS	5	8.25	5	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	5600	5600	FALSE
KAFB-106014	GW014-604	ug/l	10	5	2.8	5	TRUE
KAFB-106014	GW014-604	ug/l	100	5	4.9	5	TRUE
KAFB-106014	GW014-604	ug/l	10	NS	0.76	10	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	7	7	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	1.4	5	TRUE
KAFB-106014	GW014-604	ug/l	30	NS	1.2	30	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106014	GW014-604	ug/l	NS	NS	240	240	TRUE
KAFB-106014	GW014-604	ug/l	NS	600	300	600	FALSE
KAFB-106014	GW014-604	ug/l	NS	NS	56	56	TRUE
KAFB-106014	GW014-604	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106014	GW014-604	ug/l	NS	NS	690	690	FALSE
KAFB-106014	GW014-604	ug/l	NS	NS	450	450	FALSE
KAFB-106014	GW014-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-204	mg/l	600	250	NS	250	FALSE
KAFB-106006	GW006-204	mg/l	250	250	NS	250	FALSE
KAFB-106006	GW006-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-204	mg/l	10	10	NS	10	FALSE
KAFB-106006	GW006-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-204	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106006	GW006-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-204	mg/l	1	NS	NS	1	FALSE
KAFB-106006	GW006-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106006	GW006-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106006	GW006-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106006	GW006-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106006	GW006-204	ug/l	750	700	15	700	FALSE
KAFB-106006	GW006-204	ug/l	NS	100	1200	100	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	660	660	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	250	250	FALSE
KAFB-106006	GW006-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106006	GW006-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106006	GW006-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106006	GW006-204	ug/l	10	5	1.7	5	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106006	GW006-204	ug/l	NS	NS	410	410	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	60	120	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	62	62	FALSE
KAFB-106006	GW006-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106006	GW006-204	ug/l	NS	100	78	100	FALSE
KAFB-106006	GW006-204	ug/l	NS	70	11	70	FALSE
KAFB-106006	GW006-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106006	GW006-204	ug/l	20	5	110	5	FALSE
KAFB-106006	GW006-204	ug/l	620	10000	190	620	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	370	370	FALSE
KAFB-106006	GW006-204	ug/l	NS	70	36	70	FALSE
KAFB-106006	GW006-204	ug/l	NS	100	68	100	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	140	140	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106006	GW006-204	ug/l	NS	600	300	600	FALSE
KAFB-106006	GW006-204	ug/l	10	5	0.46	5	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	38	38	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106006	GW006-204	ug/l	100	80	2.2	80	FALSE
KAFB-106006	GW006-204	ug/l	10	5	4.6	5	FALSE
KAFB-106006	GW006-204	ug/l	60	200	8000	60	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	190	190	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	8	8	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	83	83	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106006	GW006-204	ug/l	2	2	0.19	2	FALSE
KAFB-106006	GW006-204	ug/l	100	5	110	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106006	GW006-204	ug/l	NS	NS	810	810	FALSE
KAFB-106006	GW006-204	ug/l	NS	80	33	80	FALSE
KAFB-106006	GW006-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106006	GW006-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106006	GW006-204	ug/l	5	7	280	5	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	200	200	FALSE
KAFB-106006	GW006-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106006	GW006-204	ug/l	10	5	2.8	5	FALSE
KAFB-106006	GW006-204	ug/l	100	5	4.9	5	FALSE
KAFB-106006	GW006-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	7	7	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106006	GW006-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	240	240	FALSE
KAFB-106006	GW006-204	ug/l	NS	600	300	600	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	56	56	FALSE
KAFB-106006	GW006-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106006	GW006-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106006	GW006-204	ug/l	NS	NS	690	690	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	450	450	FALSE
KAFB-106006	GW006-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-204	mg/l	600	250	NS	250	FALSE
KAFB-106076	GW076-204	mg/l	250	250	NS	250	FALSE
KAFB-106076	GW076-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-204	mg/l	10	10	NS	10	FALSE
KAFB-106076	GW076-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-204	mg/l	1	NS	NS	1	FALSE
KAFB-106076	GW076-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106076	GW076-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106076	GW076-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106076	GW076-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106076	GW076-204	ug/l	750	700	15	700	FALSE
KAFB-106076	GW076-204	ug/l	NS	100	1200	100	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	660	660	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	250	250	FALSE
KAFB-106076	GW076-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106076	GW076-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106076	GW076-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106076	GW076-204	ug/l	10	5	1.7	5	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106076	GW076-204	ug/l	NS	NS	410	410	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	60	120	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106076	GW076-204	ug/l	NS	NS	62	62	FALSE
KAFB-106076	GW076-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106076	GW076-204	ug/l	NS	100	78	100	FALSE
KAFB-106076	GW076-204	ug/l	NS	70	11	70	FALSE
KAFB-106076	GW076-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106076	GW076-204	ug/l	20	5	110	5	FALSE
KAFB-106076	GW076-204	ug/l	620	10000	190	620	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	370	370	FALSE
KAFB-106076	GW076-204	ug/l	NS	70	36	70	FALSE
KAFB-106076	GW076-204	ug/l	NS	100	68	100	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	140	140	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106076	GW076-204	ug/l	NS	600	300	600	FALSE
KAFB-106076	GW076-204	ug/l	10	5	0.46	5	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	38	38	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106076	GW076-204	ug/l	100	80	2.2	80	FALSE
KAFB-106076	GW076-204	ug/l	10	5	4.6	5	FALSE
KAFB-106076	GW076-204	ug/l	60	200	8000	60	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	190	190	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	8	8	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	83	83	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	83	83	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106076	GW076-204	ug/l	2	2	0.19	2	FALSE
KAFB-106076	GW076-204	ug/l	100	5	110	5	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	810	810	FALSE
KAFB-106076	GW076-204	ug/l	NS	80	33	80	FALSE
KAFB-106076	GW076-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106076	GW076-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106076	GW076-204	ug/l	5	7	280	5	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	200	200	FALSE
KAFB-106076	GW076-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106076	GW076-204	ug/l	10	5	2.8	5	FALSE
KAFB-106076	GW076-204	ug/l	100	5	4.9	5	FALSE
KAFB-106076	GW076-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	7	7	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106076	GW076-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	240	240	FALSE
KAFB-106076	GW076-204	ug/l	NS	600	300	600	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	56	56	FALSE
KAFB-106076	GW076-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106076	GW076-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106076	GW076-204	ug/l	NS	NS	690	690	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	450	450	FALSE
KAFB-106076	GW076-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-604	mg/l	600	250	NS	250	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106076	GW076-604	mg/l	250	250	NS	250	FALSE
KAFB-106076	GW076-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-604	mg/l	10	10	NS	10	FALSE
KAFB-106076	GW076-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-604	mg/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-604	mg/l	1	NS	NS	1	FALSE
KAFB-106076	GW076-604	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106076	GW076-604	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106076	GW076-604	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106076	GW076-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106076	GW076-604	ug/l	750	700	15	700	FALSE
KAFB-106076	GW076-604	ug/l	NS	100	1200	100	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	660	660	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	1000	1000	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	250	250	FALSE
KAFB-106076	GW076-604	ug/l	NS	75	4.8	75	FALSE
KAFB-106076	GW076-604	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106076	GW076-604	ug/l	NS	NS	0.042	100	TRUE
KAFB-106076	GW076-604	ug/l	10	5	1.7	5	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	0.52	20	TRUE
KAFB-106076	GW076-604	ug/l	NS	NS	410	410	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	6300	1200	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	60	120	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	62	62	FALSE
KAFB-106076	GW076-604	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106076	GW076-604	ug/l	NS	100	78	100	FALSE
KAFB-106076	GW076-604	ug/l	NS	70	11	70	FALSE
KAFB-106076	GW076-604	ug/l	NS	80	1.7	80	FALSE
KAFB-106076	GW076-604	ug/l	20	5	110	5	FALSE
KAFB-106076	GW076-604	ug/l	620	10000	190	620	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	2000	2000	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	370	370	FALSE
KAFB-106076	GW076-604	ug/l	NS	70	36	70	FALSE
KAFB-106076	GW076-604	ug/l	NS	100	68	100	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	140	140	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106076	GW076-604	ug/l	NS	600	300	600	FALSE
KAFB-106076	GW076-604	ug/l	10	5	0.46	5	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	38	38	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	14000	14000	FALSE
KAFB-106076	GW076-604	ug/l	100	80	2.2	80	FALSE
KAFB-106076	GW076-604	ug/l	10	5	4.6	5	FALSE
KAFB-106076	GW076-604	ug/l	60	200	8000	60	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	190	190	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106076	GW076-604	ug/l	NS	NS	8	8	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	83	83	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	21000	21000	FALSE
KAFB-106076	GW076-604	ug/l	2	2	0.19	2	FALSE
KAFB-106076	GW076-604	ug/l	100	5	110	5	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	810	810	FALSE
KAFB-106076	GW076-604	ug/l	NS	80	33	80	FALSE
KAFB-106076	GW076-604	ug/l	NS	80	1.3	80	FALSE
KAFB-106076	GW076-604	ug/l	25	NS	2.8	25	FALSE
KAFB-106076	GW076-604	ug/l	5	7	280	5	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	5200	1100	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	200	200	FALSE
KAFB-106076	GW076-604	ug/l	NS	5	8.25	5	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	5600	5600	FALSE
KAFB-106076	GW076-604	ug/l	10	5	2.8	5	FALSE
KAFB-106076	GW076-604	ug/l	100	5	4.9	5	FALSE
KAFB-106076	GW076-604	ug/l	10	NS	0.76	10	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	7	7	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	1.4	5	TRUE
KAFB-106076	GW076-604	ug/l	30	NS	1.2	30	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	190	10000	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	240	240	FALSE
KAFB-106076	GW076-604	ug/l	NS	600	300	600	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	56	56	FALSE
KAFB-106076	GW076-604	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106076	GW076-604	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106076	GW076-604	ug/l	NS	NS	690	690	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	450	450	FALSE
KAFB-106076	GW076-604	ug/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-204	mg/l	600	250	NS	250	FALSE
KAFB-106001	GW001-204	mg/l	250	250	NS	250	FALSE
KAFB-106001	GW001-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-204	mg/l	10	10	NS	10	FALSE
KAFB-106001	GW001-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-204	mg/l	1	NS	NS	1	FALSE
KAFB-106001	GW001-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106001	GW001-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106001	GW001-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106001	GW001-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106001	GW001-204	ug/l	750	700	15	700	FALSE
KAFB-106001	GW001-204	ug/l	NS	100	1200	100	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	660	660	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	250	250	FALSE
KAFB-106001	GW001-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106001	GW001-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106001	GW001-204	ug/l	NS	NS	0.042	100	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106001	GW001-204	ug/l	10	5	1.7	5	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106001	GW001-204	ug/l	NS	NS	410	410	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	60	120	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	62	62	FALSE
KAFB-106001	GW001-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106001	GW001-204	ug/l	NS	100	78	100	FALSE
KAFB-106001	GW001-204	ug/l	NS	70	11	70	FALSE
KAFB-106001	GW001-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106001	GW001-204	ug/l	20	5	110	5	FALSE
KAFB-106001	GW001-204	ug/l	620	10000	190	620	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	370	370	FALSE
KAFB-106001	GW001-204	ug/l	NS	70	36	70	FALSE
KAFB-106001	GW001-204	ug/l	NS	100	68	100	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	140	140	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106001	GW001-204	ug/l	NS	600	300	600	FALSE
KAFB-106001	GW001-204	ug/l	10	5	0.46	5	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	38	38	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106001	GW001-204	ug/l	100	80	2.2	80	FALSE
KAFB-106001	GW001-204	ug/l	10	5	4.6	5	FALSE
KAFB-106001	GW001-204	ug/l	60	200	8000	60	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	190	190	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	8	8	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	83	83	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106001	GW001-204	ug/l	2	2	0.19	2	FALSE
KAFB-106001	GW001-204	ug/l	100	5	110	5	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	810	810	FALSE
KAFB-106001	GW001-204	ug/l	NS	80	33	80	FALSE
KAFB-106001	GW001-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106001	GW001-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106001	GW001-204	ug/l	5	7	280	5	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	200	200	FALSE
KAFB-106001	GW001-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106001	GW001-204	ug/l	10	5	2.8	5	FALSE
KAFB-106001	GW001-204	ug/l	100	5	4.9	5	FALSE
KAFB-106001	GW001-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	7	7	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106001	GW001-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	240	240	FALSE
KAFB-106001	GW001-204	ug/l	NS	600	300	600	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	56	56	FALSE
KAFB-106001	GW001-204	ug/l	NS	0.2	0.0033	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106001	GW001-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106001	GW001-204	ug/l	NS	NS	690	690	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	450	450	FALSE
KAFB-106001	GW001-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-204	mg/l	600	250	NS	250	FALSE
KAFB-106079	GW079-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-204	mg/l	250	250	NS	250	FALSE
KAFB-106079	GW079-204	mg/l	10	10	NS	10	FALSE
KAFB-106079	GW079-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-204	mg/l	1	NS	NS	1	FALSE
KAFB-106079	GW079-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106079	GW079-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106079	GW079-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106079	GW079-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106079	GW079-204	ug/l	750	700	15	700	FALSE
KAFB-106079	GW079-204	ug/l	NS	100	1200	100	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106079	GW079-204	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106079	GW079-204	ug/l	NS	NS	660	660	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	250	250	FALSE
KAFB-106079	GW079-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	250	250	FALSE
KAFB-106079	GW079-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106079	GW079-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106079	GW079-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106079	GW079-204	ug/l	10	5	1.7	5	TRUE
KAFB-106079	GW079-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106079	GW079-204	ug/l	NS	NS	410	410	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	60	120	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	62	62	FALSE
KAFB-106079	GW079-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106079	GW079-204	ug/l	NS	100	78	100	FALSE
KAFB-106079	GW079-204	ug/l	NS	70	11	70	FALSE
KAFB-106079	GW079-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106079	GW079-204	ug/l	20	5	110	5	TRUE
KAFB-106079	GW079-204	ug/l	620	10000	190	620	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	370	370	FALSE
KAFB-106079	GW079-204	ug/l	NS	70	36	70	FALSE
KAFB-106079	GW079-204	ug/l	NS	100	68	100	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	140	140	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106079	GW079-204	ug/l	NS	600	300	600	FALSE
KAFB-106079	GW079-204	ug/l	10	5	0.46	5	TRUE
KAFB-106079	GW079-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	38	38	TRUE
KAFB-106079	GW079-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	14000	14000	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106079	GW079-204	ug/l	100	80	2.2	80	FALSE
KAFB-106079	GW079-204	ug/l	60	200	8000	60	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	190	190	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	8	8	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	83	83	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106079	GW079-204	ug/l	2	2	0.19	2	TRUE
KAFB-106079	GW079-204	ug/l	100	5	110	5	TRUE
KAFB-106079	GW079-204	ug/l	NS	NS	810	810	FALSE
KAFB-106079	GW079-204	ug/l	NS	80	33	80	FALSE
KAFB-106079	GW079-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106079	GW079-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106079	GW079-204	ug/l	5	7	280	5	TRUE
KAFB-106079	GW079-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	200	200	FALSE
KAFB-106079	GW079-204	ug/l	NS	5	8.25	5	TRUE
KAFB-106079	GW079-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106079	GW079-204	ug/l	10	5	2.8	5	TRUE
KAFB-106079	GW079-204	ug/l	100	5	4.9	5	TRUE
KAFB-106079	GW079-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	7	7	TRUE
KAFB-106079	GW079-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106079	GW079-204	ug/l	30	NS	1.2	30	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	240	240	FALSE
KAFB-106079	GW079-204	ug/l	NS	600	300	600	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	56	56	FALSE
KAFB-106079	GW079-204	ug/l	NS	600	300	600	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	56	56	FALSE
KAFB-106079	GW079-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106079	GW079-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106079	GW079-204	ug/l	NS	NS	690	690	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	450	450	FALSE
KAFB-106079	GW079-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106079	GW079-204	ug/l	10	5	4.6	5	TRUE
KAFB-106080	GW080-204	mg/l	600	250	NS	250	FALSE
KAFB-106080	GW080-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-204	mg/l	250	250	NS	250	FALSE
KAFB-106080	GW080-204	mg/l	10	10	NS	10	FALSE
KAFB-106080	GW080-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-204	mg/l	1	NS	NS	1	FALSE
KAFB-106080	GW080-204	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106080	GW080-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-204	mg/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-204	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106080	GW080-204	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106080	GW080-204	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106080	GW080-204	ug/l	750	700	15	700	FALSE
KAFB-106080	GW080-204	ug/l	NS	100	1200	100	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	4.7	4.7	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	660	660	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106080	GW080-204	ug/l	NS	NS	1000	1000	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	250	250	FALSE
KAFB-106080	GW080-204	ug/l	NS	75	4.8	75	FALSE
KAFB-106080	GW080-204	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106080	GW080-204	ug/l	NS	NS	0.042	100	TRUE
KAFB-106080	GW080-204	ug/l	10	5	1.7	5	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	0.52	20	TRUE
KAFB-106080	GW080-204	ug/l	NS	NS	410	410	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	6300	1200	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	60	120	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	62	62	FALSE
KAFB-106080	GW080-204	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106080	GW080-204	ug/l	NS	100	78	100	FALSE
KAFB-106080	GW080-204	ug/l	NS	70	11	70	FALSE
KAFB-106080	GW080-204	ug/l	NS	80	1.7	80	FALSE
KAFB-106080	GW080-204	ug/l	20	5	110	5	FALSE
KAFB-106080	GW080-204	ug/l	620	10000	190	620	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	2000	2000	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	370	370	FALSE
KAFB-106080	GW080-204	ug/l	NS	70	36	70	FALSE
KAFB-106080	GW080-204	ug/l	NS	100	68	100	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	140	140	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106080	GW080-204	ug/l	NS	600	300	600	FALSE
KAFB-106080	GW080-204	ug/l	10	5	0.46	5	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	38	38	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	14000	14000	FALSE
KAFB-106080	GW080-204	ug/l	100	80	2.2	80	FALSE
KAFB-106080	GW080-204	ug/l	10	5	4.6	5	FALSE
KAFB-106080	GW080-204	ug/l	60	200	8000	60	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	190	190	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	8	8	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	83	83	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	21000	21000	FALSE
KAFB-106080	GW080-204	ug/l	2	2	0.19	2	FALSE
KAFB-106080	GW080-204	ug/l	100	5	110	5	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	810	810	FALSE
KAFB-106080	GW080-204	ug/l	NS	80	33	80	FALSE
KAFB-106080	GW080-204	ug/l	NS	80	1.3	80	FALSE
KAFB-106080	GW080-204	ug/l	25	NS	2.8	25	FALSE
KAFB-106080	GW080-204	ug/l	5	7	280	5	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	5200	1100	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	200	200	FALSE
KAFB-106080	GW080-204	ug/l	NS	5	8.25	5	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	5600	5600	FALSE
KAFB-106080	GW080-204	ug/l	10	5	2.8	5	FALSE
KAFB-106080	GW080-204	ug/l	100	5	4.9	5	FALSE
KAFB-106080	GW080-204	ug/l	10	NS	0.76	10	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	7	7	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	1.4	5	TRUE
KAFB-106080	GW080-204	ug/l	30	NS	1.2	30	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106080	GW080-204	ug/l	NS	NS	190	10000	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	240	240	FALSE
KAFB-106080	GW080-204	ug/l	NS	600	300	600	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	56	56	FALSE
KAFB-106080	GW080-204	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106080	GW080-204	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106080	GW080-204	ug/l	NS	NS	690	690	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	450	450	FALSE
KAFB-106080	GW080-204	ug/l	NS	NS	NS	NS	FALSE
KAFB-106218	GW218-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106218	GW218-611	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106217	GW217-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106216	GW216-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106224	GW224-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106223	GW223-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106222	GW222-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106207	GW207-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106208	GW208-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106209	GW209-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106205	GW205-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106204	GW204-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106204	GW204-611	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106242-418	GW242-418-211	mg/l	600	250	NS	250	FALSE
KAFB-106242-418	GW242-418-211	mg/l	250	250	NS	250	FALSE
KAFB-106242-418	GW242-418-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-211	mg/l	10	10	NS	10	FALSE
KAFB-106242-418	GW242-418-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-211	mg/l	1	NS	NS	1	FALSE
KAFB-106242-418	GW242-418-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106242-418	GW242-418-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106242-418	GW242-418-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106242-418	GW242-418-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106242-418	GW242-418-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106031	GW031-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106030	GW030-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106029	GW029-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106232	GW232-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106231	GW231-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106206	GW206-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106236-436	GW236-436-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106236-436	GW236-436-611	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106236-470	GW236-470-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106236-499	GW236-499-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106235-438	GW235-438-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106235-472	GW235-472-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106235-501	GW235-501-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106203	GW203-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106202	GW202-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106201	GW201-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106033	GW033-211	ug/l	0.05	0.05	0.075	0.05	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106034	GW034-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106032	GW032-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106049	GW049-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106051	GW051-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106050	GW050-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106041	GW041-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-211	mg/l	600	250	NS	250	FALSE
KAFB-106041	GW041-211	mg/l	250	250	NS	250	FALSE
KAFB-106041	GW041-211	mg/l	10	10	NS	10	FALSE
KAFB-106041	GW041-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-211	mg/l	1	NS	NS	1	FALSE
KAFB-106041	GW041-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106041	GW041-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106041	GW041-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106041	GW041-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106041	GW041-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106230	GW230-211	mg/l	600	250	NS	250	FALSE
KAFB-106230	GW230-211	mg/l	250	250	NS	250	FALSE
KAFB-106230	GW230-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	mg/l	10	10	NS	10	FALSE
KAFB-106230	GW230-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	mg/l	1	NS	NS	1	FALSE
KAFB-106230	GW230-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106230	GW230-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106230	GW230-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106230	GW230-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106230	GW230-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106241-428	GW241-428-211	mg/l	600	250	NS	250	FALSE
KAFB-106241-428	GW241-428-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-211	mg/l	250	250	NS	250	FALSE
KAFB-106241-428	GW241-428-211	mg/l	10	10	NS	10	FALSE
KAFB-106241-428	GW241-428-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-211	mg/l	1	NS	NS	1	FALSE
KAFB-106241-428	GW241-428-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106241-428	GW241-428-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106241-428	GW241-428-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106241-428	GW241-428-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106241-428	GW241-428-611	mg/l	600	250	NS	250	FALSE
KAFB-106241-428	GW241-428-611	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106241-428	GW241-428-611	mg/l	250	250	NS	250	FALSE
KAFB-106241-428	GW241-428-611	mg/l	10	10	NS	10	FALSE
KAFB-106241-428	GW241-428-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-611	mg/l	1	NS	NS	1	FALSE
KAFB-106241-428	GW241-428-611	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106241-428	GW241-428-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106241-428	GW241-428-611	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106241-428	GW241-428-611	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106241-428	GW241-428-611	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106240-449	GW240-449-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-211	mg/l	600	250	NS	250	FALSE
KAFB-106240-449	GW240-449-211	mg/l	250	250	NS	250	FALSE
KAFB-106240-449	GW240-449-211	mg/l	10	10	NS	10	FALSE
KAFB-106240-449	GW240-449-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-211	mg/l	1	NS	NS	1	FALSE
KAFB-106240-449	GW240-449-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106240-449	GW240-449-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106240-449	GW240-449-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106240-449	GW240-449-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106240-449	GW240-449-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106240-449	GW240-449-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106240-449	GW240-449-211	ug/l	750	700	15	700	FALSE
KAFB-106240-449	GW240-449-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106240-449	GW240-449-211	ug/l	620	10000	190	620	FALSE
KAFB-106240-449	GW240-449-211	ug/l	10	5	4.6	5	FALSE
KAFB-106244-445	GW244-445-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-211	mg/l	600	250	NS	250	FALSE
KAFB-106244-445	GW244-445-211	mg/l	250	250	NS	250	FALSE
KAFB-106244-445	GW244-445-211	mg/l	10	10	NS	10	FALSE
KAFB-106244-445	GW244-445-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-211	mg/l	1	NS	NS	1	FALSE
KAFB-106244-445	GW244-445-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106244-445	GW244-445-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106244-445	GW244-445-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106244-445	GW244-445-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106244-445	GW244-445-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106244-445	GW244-445-211	ug/l	750	700	15	700	FALSE
KAFB-106244-445	GW244-445-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106244-445	GW244-445-211	ug/l	620	10000	190	620	FALSE
KAFB-106244-445	GW244-445-211	ug/l	10	5	4.6	5	FALSE
KAFB-106243-425	GW243-425-211	mg/l	600	250	NS	250	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106243-425	GW243-425-211	mg/l	250	250	NS	250	FALSE
KAFB-106243-425	GW243-425-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-211	mg/l	10	10	NS	10	FALSE
KAFB-106243-425	GW243-425-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106243-425	GW243-425-211	mg/l	1	NS	NS	1	FALSE
KAFB-106243-425	GW243-425-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106243-425	GW243-425-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106243-425	GW243-425-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106243-425	GW243-425-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106245-460	GW245-460-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-211	mg/l	600	250	NS	250	FALSE
KAFB-106245-460	GW245-460-211	mg/l	250	250	NS	250	FALSE
KAFB-106245-460	GW245-460-211	mg/l	10	10	NS	10	FALSE
KAFB-106245-460	GW245-460-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-211	mg/l	1	NS	NS	1	FALSE
KAFB-106245-460	GW245-460-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106245-460	GW245-460-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106245-460	GW245-460-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106245-460	GW245-460-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106245-460	GW245-460-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106245-460	GW245-460-211	ug/l	750	700	15	700	FALSE
KAFB-106245-460	GW245-460-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106245-460	GW245-460-211	ug/l	620	10000	190	620	FALSE
KAFB-106245-460	GW245-460-211	ug/l	10	5	4.6	5	FALSE
KAFB-106S4-446	GWS4-446-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-211	mg/l	600	250	NS	250	FALSE
KAFB-106S4-446	GWS4-446-211	mg/l	250	250	NS	250	FALSE
KAFB-106S4-446	GWS4-446-211	mg/l	10	10	NS	10	FALSE
KAFB-106S4-446	GWS4-446-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S4-446	GWS4-446-211	mg/l	1	NS	NS	1	FALSE
KAFB-106S4-446	GWS4-446-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S4-446	GWS4-446-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S4-446	GWS4-446-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S4-446	GWS4-446-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106S4-446	GWS4-446-211	ug/l	750	700	15	700	FALSE
KAFB-106S4-446	GWS4-446-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S4-446	GWS4-446-211	ug/l	620	10000	190	620	FALSE
KAFB-106S4-446	GWS4-446-211	ug/l	10	5	4.6	5	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106247-450	GW247-450-211	mg/l	600	250	NS	250	FALSE
KAFB-106247-450	GW247-450-211	mg/l	250	250	NS	250	FALSE
KAFB-106247-450	GW247-450-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-211	mg/l	10	10	NS	10	FALSE
KAFB-106247-450	GW247-450-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-211	mg/l	1	NS	NS	1	FALSE
KAFB-106247-450	GW247-450-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106247-450	GW247-450-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106247-450	GW247-450-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106247-450	GW247-450-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106247-450	GW247-450-211	ug/l	750	700	15	700	FALSE
KAFB-106247-450	GW247-450-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106247-450	GW247-450-211	ug/l	620	10000	190	620	FALSE
KAFB-106247-450	GW247-450-211	ug/l	10	5	4.6	5	FALSE
KAFB-106247-450	GW247-450-611	mg/l	600	250	NS	250	FALSE
KAFB-106247-450	GW247-450-611	mg/l	250	250	NS	250	FALSE
KAFB-106247-450	GW247-450-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	mg/l	10	10	NS	10	FALSE
KAFB-106247-450	GW247-450-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	mg/l	1	NS	NS	1	FALSE
KAFB-106247-450	GW247-450-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	mg/l	1	NS	NS	1	FALSE
KAFB-106247-450	GW247-450-611	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106247-450	GW247-450-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106247-450	GW247-450-611	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106247-450	GW247-450-611	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106247-450	GW247-450-611	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106247-450	GW247-450-611	ug/l	750	700	15	700	FALSE
KAFB-106247-450	GW247-450-611	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106247-450	GW247-450-611	ug/l	620	10000	190	620	FALSE
KAFB-106247-450	GW247-450-611	ug/l	10	5	4.6	5	FALSE
KAFB-106S8-451	GWS8-451-211	mg/l	600	250	NS	250	FALSE
KAFB-106S8-451	GWS8-451-211	mg/l	250	250	NS	250	FALSE
KAFB-106S8-451	GWS8-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-211	mg/l	10	10	NS	10	FALSE
KAFB-106S8-451	GWS8-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-211	mg/l	1	NS	NS	1	FALSE
KAFB-106S8-451	GWS8-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S8-451	GWS8-451-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S8-451	GWS8-451-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S8-451	GWS8-451-211	mg/l	0.01	0.01	0.00052	0.01	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S8-451	GWS8-451-211	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S8-451	GWS8-451-211	ug/l	750	700	15	700	FALSE
KAFB-106S8-451	GWS8-451-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S8-451	GWS8-451-211	ug/l	620	10000	190	620	FALSE
KAFB-106S8-451	GWS8-451-211	ug/l	10	5	4.6	5	TRUE
KAFB-106153-484	GW153-484-211	mg/l	600	250	NS	250	FALSE
KAFB-106153-484	GW153-484-211	mg/l	250	250	NS	250	FALSE
KAFB-106153-484	GW153-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-211	mg/l	10	10	NS	10	FALSE
KAFB-106153-484	GW153-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106153-484	GW153-484-211	mg/l	1	NS	NS	1	FALSE
KAFB-106153-484	GW153-484-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106153-484	GW153-484-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106153-484	GW153-484-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106153-484	GW153-484-211	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106149-484	GW149-484-211	mg/l	600	250	NS	250	FALSE
KAFB-106149-484	GW149-484-211	mg/l	250	250	NS	250	FALSE
KAFB-106149-484	GW149-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-211	mg/l	10	10	NS	10	FALSE
KAFB-106149-484	GW149-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106149-484	GW149-484-211	mg/l	1	NS	NS	1	FALSE
KAFB-106149-484	GW149-484-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106149-484	GW149-484-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106149-484	GW149-484-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106149-484	GW149-484-211	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S1-447	GWS1-447-211	mg/l	600	250	NS	250	FALSE
KAFB-106S1-447	GWS1-447-211	mg/l	250	250	NS	250	FALSE
KAFB-106S1-447	GWS1-447-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-211	mg/l	10	10	NS	10	FALSE
KAFB-106S1-447	GWS1-447-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-211	mg/l	1	NS	NS	1	FALSE
KAFB-106S1-447	GWS1-447-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S1-447	GWS1-447-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S1-447	GWS1-447-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S1-447	GWS1-447-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S1-447	GWS1-447-211	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S1-447	GWS1-447-211	ug/l	750	700	15	700	FALSE
KAFB-106S1-447	GWS1-447-211	ug/l	620	10000	190	620	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S1-447	GWS1-447-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S1-447	GWS1-447-211	ug/l	10	5	4.6	5	TRUE
KAFB-106S2-451	GWS2-451-211	mg/l	600	250	NS	250	FALSE
KAFB-106S2-451	GWS2-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-211	mg/l	250	250	NS	250	FALSE
KAFB-106S2-451	GWS2-451-211	mg/l	10	10	NS	10	FALSE
KAFB-106S2-451	GWS2-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-211	mg/l	1	NS	NS	1	FALSE
KAFB-106S2-451	GWS2-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S2-451	GWS2-451-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S2-451	GWS2-451-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S2-451	GWS2-451-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S2-451	GWS2-451-211	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S2-451	GWS2-451-211	ug/l	750	700	15	700	FALSE
KAFB-106S2-451	GWS2-451-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S2-451	GWS2-451-211	ug/l	620	10000	190	620	FALSE
KAFB-106S2-451	GWS2-451-211	ug/l	10	5	4.6	5	TRUE
KAFB-106S5-446	GWS5-446-211	mg/l	600	250	NS	250	FALSE
KAFB-106S5-446	GWS5-446-211	mg/l	250	250	NS	250	FALSE
KAFB-106S5-446	GWS5-446-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-211	mg/l	10	10	NS	10	FALSE
KAFB-106S5-446	GWS5-446-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S5-446	GWS5-446-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S5-446	GWS5-446-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S5-446	GWS5-446-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S5-446	GWS5-446-211	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S5-446	GWS5-446-211	ug/l	750	700	15	700	FALSE
KAFB-106S5-446	GWS5-446-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S5-446	GWS5-446-211	ug/l	620	10000	190	620	FALSE
KAFB-106S5-446	GWS5-446-211	ug/l	10	5	4.6	5	TRUE
KAFB-106S7-451	GWS7-451-211	mg/l	600	250	NS	250	FALSE
KAFB-106S7-451	GWS7-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-211	mg/l	250	250	NS	250	FALSE
KAFB-106S7-451	GWS7-451-211	mg/l	10	10	NS	10	FALSE
KAFB-106S7-451	GWS7-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-211	mg/l	1	NS	NS	1	FALSE
KAFB-106S7-451	GWS7-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S7-451	GWS7-451-211	mg/l	0.2	NS	NS	0.2	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S7-451	GWS7-451-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S7-451	GWS7-451-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S7-451	GWS7-451-211	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S7-451	GWS7-451-211	ug/l	10	5	4.6	5	FALSE
KAFB-106S7-451	GWS7-451-211	ug/l	750	700	15	700	FALSE
KAFB-106S7-451	GWS7-451-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S7-451	GWS7-451-211	ug/l	620	10000	190	620	FALSE
KAFB-106S3-449	GWS3-449-211	mg/l	600	250	NS	250	FALSE
KAFB-106S3-449	GWS3-449-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-211	mg/l	250	250	NS	250	FALSE
KAFB-106S3-449	GWS3-449-211	mg/l	10	10	NS	10	FALSE
KAFB-106S3-449	GWS3-449-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-211	mg/l	1	NS	NS	1	FALSE
KAFB-106S3-449	GWS3-449-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S3-449	GWS3-449-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S3-449	GWS3-449-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S3-449	GWS3-449-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S3-449	GWS3-449-211	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S3-449	GWS3-449-211	ug/l	750	700	15	700	FALSE
KAFB-106S3-449	GWS3-449-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S3-449	GWS3-449-211	ug/l	620	10000	190	620	FALSE
KAFB-106S3-449	GWS3-449-211	ug/l	10	5	4.6	5	TRUE
KAFB-106152-484	GW152-484-211	mg/l	600	250	NS	250	FALSE
KAFB-106152-484	GW152-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-211	mg/l	250	250	NS	250	FALSE
KAFB-106152-484	GW152-484-211	mg/l	10	10	NS	10	FALSE
KAFB-106152-484	GW152-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-211	mg/l	1	NS	NS	1	FALSE
KAFB-106152-484	GW152-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106152-484	GW152-484-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106152-484	GW152-484-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106152-484	GW152-484-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106152-484	GW152-484-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106S9-447	GWS9-447-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-211	mg/l	600	250	NS	250	FALSE
KAFB-106S9-447	GWS9-447-211	mg/l	250	250	NS	250	FALSE
KAFB-106S9-447	GWS9-447-211	mg/l	10	10	NS	10	FALSE
KAFB-106S9-447	GWS9-447-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-211	mg/l	1	NS	NS	1	FALSE
KAFB-106S9-447	GWS9-447-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S9-447	GWS9-447-211	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S9-447	GWS9-447-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S9-447	GWS9-447-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S9-447	GWS9-447-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S9-447	GWS9-447-211	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S9-447	GWS9-447-211	ug/l	750	700	15	700	FALSE
KAFB-106S9-447	GWS9-447-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106S9-447	GWS9-447-211	ug/l	620	10000	190	620	FALSE
KAFB-106S9-447	GWS9-447-211	ug/l	10	5	4.6	5	TRUE
KAFB-106151-484	GW151-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-211	mg/l	600	250	NS	250	FALSE
KAFB-106151-484	GW151-484-211	mg/l	250	250	NS	250	FALSE
KAFB-106151-484	GW151-484-211	mg/l	10	10	NS	10	FALSE
KAFB-106151-484	GW151-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-211	mg/l	1	NS	NS	1	FALSE
KAFB-106151-484	GW151-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106151-484	GW151-484-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106151-484	GW151-484-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106151-484	GW151-484-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106151-484	GW151-484-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106012R	GW012R-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	mg/l	600	250	NS	250	FALSE
KAFB-106012R	GW012R-211	mg/l	250	250	NS	250	FALSE
KAFB-106012R	GW012R-211	mg/l	10	10	NS	10	FALSE
KAFB-106012R	GW012R-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106012R	GW012R-211	mg/l	1	NS	NS	1	FALSE
KAFB-106012R	GW012R-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106012R	GW012R-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106012R	GW012R-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106012R	GW012R-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106012R	GW012R-211	ug/l	750	700	15	700	FALSE
KAFB-106012R	GW012R-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106012R	GW012R-211	ug/l	620	10000	190	620	FALSE
KAFB-106012R	GW012R-211	ug/l	10	5	4.6	5	FALSE
KAFB-106009	GW009-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-211	mg/l	600	250	NS	250	FALSE
KAFB-106009	GW009-211	mg/l	250	250	NS	250	FALSE
KAFB-106009	GW009-211	mg/l	10	10	NS	10	FALSE
KAFB-106009	GW009-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-211	mg/l	NS	NS	NS	NS	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106009	GW009-211	mg/l	1	NS	NS	1	FALSE
KAFB-106009	GW009-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106009	GW009-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106009	GW009-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106009	GW009-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106009	GW009-211	ug/l	750	700	15	700	FALSE
KAFB-106009	GW009-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106009	GW009-211	ug/l	620	10000	190	620	FALSE
KAFB-106009	GW009-211	ug/l	10	5	4.6	5	FALSE
KAFB-106009	GW009-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-611	mg/l	600	250	NS	250	FALSE
KAFB-106009	GW009-611	mg/l	250	250	NS	250	FALSE
KAFB-106009	GW009-611	mg/l	10	10	NS	10	FALSE
KAFB-106009	GW009-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106009	GW009-611	mg/l	1	NS	NS	1	FALSE
KAFB-106009	GW009-611	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106009	GW009-611	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106009	GW009-611	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106009	GW009-611	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106009	GW009-611	ug/l	750	700	15	700	FALSE
KAFB-106009	GW009-611	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106009	GW009-611	ug/l	620	10000	190	620	FALSE
KAFB-106009	GW009-611	ug/l	10	5	4.6	5	FALSE
KAFB-106013	GW013-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106013	GW013-211	ug/l	750	700	15	700	FALSE
KAFB-106013	GW013-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106013	GW013-211	ug/l	620	10000	190	620	FALSE
KAFB-106013	GW013-211	ug/l	10	5	4.6	5	FALSE
KAFB-106098	GW098-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106098	GW098-211	ug/l	750	700	15	700	FALSE
KAFB-106098	GW098-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106098	GW098-211	ug/l	620	10000	190	620	FALSE
KAFB-106098	GW098-211	ug/l	10	5	4.6	5	FALSE
KAFB-106097	GW097-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106097	GW097-211	ug/l	750	700	15	700	FALSE
KAFB-106097	GW097-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106097	GW097-211	ug/l	620	10000	190	620	FALSE
KAFB-106097	GW097-211	ug/l	10	5	4.6	5	FALSE
KAFB-106004	GW004-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106004	GW004-211	ug/l	750	700	15	700	FALSE
KAFB-106004	GW004-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106004	GW004-211	ug/l	620	10000	190	620	FALSE
KAFB-106004	GW004-211	ug/l	10	5	4.6	5	FALSE
KAFB-106100	GW100-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106100	GW100-211	ug/l	750	700	15	700	FALSE
KAFB-106100	GW100-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106100	GW100-211	ug/l	620	10000	190	620	FALSE
KAFB-106100	GW100-211	ug/l	10	5	4.6	5	FALSE
KAFB-106099	GW099-211	ug/l	0.05	0.05	0.075	0.05	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106099	GW099-211	ug/l	750	700	15	700	FALSE
KAFB-106099	GW099-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106099	GW099-211	ug/l	620	10000	190	620	FALSE
KAFB-106099	GW099-211	ug/l	10	5	4.6	5	FALSE
KAFB-106101	GW101-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106101	GW101-211	ug/l	750	700	15	700	FALSE
KAFB-106101	GW101-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106101	GW101-211	ug/l	620	10000	190	620	FALSE
KAFB-106101	GW101-211	ug/l	10	5	4.6	5	FALSE
KAFB-106101	GW101-611	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106101	GW101-611	ug/l	750	700	15	700	FALSE
KAFB-106101	GW101-611	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106101	GW101-611	ug/l	620	10000	190	620	FALSE
KAFB-106101	GW101-611	ug/l	10	5	4.6	5	FALSE
KAFB-106102	GW102-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106102	GW102-211	ug/l	750	700	15	700	FALSE
KAFB-106102	GW102-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106102	GW102-211	ug/l	620	10000	190	620	FALSE
KAFB-106102	GW102-211	ug/l	10	5	4.6	5	FALSE
KAFB-106003	GW003-211	ug/l	0.05	0.05	0.075	0.05	FALSE
KAFB-106003	GW003-211	ug/l	750	700	15	700	FALSE
KAFB-106003	GW003-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106003	GW003-211	ug/l	620	10000	190	620	FALSE
KAFB-106003	GW003-211	ug/l	10	5	4.6	5	FALSE
KAFB-106S10-443	GWS10-443-211	mg/l	600	250	NS	250	FALSE
KAFB-106S10-443	GWS10-443-211	mg/l	250	250	NS	250	FALSE
KAFB-106S10-443	GWS10-443-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	mg/l	10	10	NS	10	FALSE
KAFB-106S10-443	GWS10-443-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106S10-443	GWS10-443-211	mg/l	1	NS	NS	1	FALSE
KAFB-106S10-443	GWS10-443-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106S10-443	GWS10-443-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l					TRUE
KAFB-106S10-443	GWS10-443-211	ug/l					TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	750	700	15	700	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	100	1200	100	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	4.7	4.7	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	660	660	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	1000	1000	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	250	250	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	75	4.8	75	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	0.042	100	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	10	5	1.7	5	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	0.52	20	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	410	410	FALSE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	6300	1200	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	60	120	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	62	62	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	100	78	100	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	70	11	70	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	80	1.7	80	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	20	5	110	5	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	620	10000	190	620	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	2000	2000	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	370	370	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	70	36	70	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	100	68	100	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	140	140	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	190	10000	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	600	300	600	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	10	5	0.46	5	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	38	38	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	5.7	5.7	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	14000	14000	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	100	80	2.2	80	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	60	200	8000	60	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	7.5	7.5	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	190	190	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	8	8	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	83	83	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	21000	21000	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	21000	21000	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	2	2	0.19	2	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	100	5	110	5	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	810	810	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	80	33	80	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	80	1.3	80	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	25	NS	2.8	25	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	5	7	280	5	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	5200	1100	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	200	200	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	5	8.25	5	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	5600	5600	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	10	5	2.8	5	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	100	5	4.9	5	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	10	NS	0.76	10	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	7	7	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	1.4	5	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	30	NS	1.2	30	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	190	10000	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	240	240	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	600	300	600	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	56	56	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	0.2	0.0033	5	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	0.0075	5	TRUE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	690	690	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	450	450	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	NS	NS	NS	NS	FALSE
KAFB-106S10-443	GWS10-443-211	ug/l	10	5	4.6	5	TRUE

Table D-1-2
Historical Groundwater Analytical Data from the Current and Previous Three Quarters

well_location	sample_name	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]	LOQ/PQL Exceeds the PSL
KAFB-106S10-443	GWS10-443-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106005	GW005-211	mg/l	600	250	NS	250	FALSE
KAFB-106005	GW005-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-211	mg/l	250	250	NS	250	FALSE
KAFB-106005	GW005-211	mg/l	10	10	NS	10	FALSE
KAFB-106005	GW005-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-211	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106005	GW005-211	mg/l	1	NS	NS	1	FALSE
KAFB-106005	GW005-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-211	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-211	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106005	GW005-211	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106005	GW005-211	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106005	GW005-211	ug/l	750	700	15	700	FALSE
KAFB-106005	GW005-211	ug/l	620	10000	190	620	FALSE
KAFB-106005	GW005-211	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106005	GW005-211	ug/l	10	5	4.6	5	TRUE
KAFB-106005	GW005-611	mg/l	600	250	NS	250	FALSE
KAFB-106005	GW005-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	mg/l	250	250	NS	250	FALSE
KAFB-106005	GW005-611	mg/l	10	10	NS	10	FALSE
KAFB-106005	GW005-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	mg/l	0.2	NS	NS	0.2	FALSE
KAFB-106005	GW005-611	mg/l	1	NS	NS	1	FALSE
KAFB-106005	GW005-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	mg/l	NS	NS	NS	NS	FALSE
KAFB-106005	GW005-611	mg/l	0.015	0.015	0.015	0.015	FALSE
KAFB-106005	GW005-611	mg/l	0.01	0.01	0.00052	0.01	FALSE
KAFB-106005	GW005-611	ug/l	0.05	0.05	0.075	0.05	TRUE
KAFB-106005	GW005-611	ug/l	750	700	15	700	FALSE
KAFB-106005	GW005-611	ug/l	620	10000	190	620	FALSE
KAFB-106005	GW005-611	ug/l	1,000	1000	1100	1,000	FALSE
KAFB-106005	GW005-611	ug/l	10	5	4.6	5	TRUE

Appendix D-1
Footnotes to Tables D-1-1 and D-1-2

[a] Lab reports for Q3 2020 data are porvided in Appendix D-2. Each report is bookmarked in the PDF using the lab report title referred to in this column.
[b] See individual lab reports for a description of lab qualifiers.
[c] The EPA MDL is equivalent to the DoD DL.
[d] The EPA RDL is equivalent to the DoD LOD.
[e] The EPA PQL is equivalent to the DoD LOQ.
[f] NM WQCC numeric standards per the NMAC Title 20.6.2.3101A, Standards for Ground Water of 10,000 mg/L Total Dissolved Solids Concentration or Less (NMAC 2018). For metals, the NM WQCC numeric standard applies to dissolved metals.
[g] EPA National Primary Drinking Water Regulations, MCLs and Secondary MCLs, Title 40CFR Part 141, 143 (May 2018).
[h] EPA Region 6 RSL for Tapwater (November 2020) for hazard index = 1.0 for noncarcinogens and a 10-5 cancer risk level for carcinogens.
[i] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NM WQCC numeric standard or (2) EPA MCL. If no NM WQCC standard or MCL exists for any analyte, then the project screening level will be the EPA RSL.
< = less than
1Q2021 = first quarter, 2021
2Q2020 = second quarter, 2020
3Q2020 = third quarter, 2020
4Q2020 = fourth quarter, 2020
cas_rn = Chemical Abstract Service registry number
D = dissolved
DL = detection lmit
DoD = Department of Defense
EPA = U.S. Environmental Protection Agency
FD = field duplicate
ft = foot/feet
ID = identification
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
LOD = limit of detetion
LOQ = limit of quantitation
MCL = maximum contaminant level
MDL = method detection limit
mg/l = milligrams per liter
mgcaco3/l = milligrams of calcium carbonate per liter
N (in "detect_flag" column) = no
N (in "fraction" column) = not applicable
N (in "sample_type_code" column)= normal
NM = New Mexico
NMAC = New Mexico Administrative Code
NS = not specificed
PQL = practical quantitation limit
PSL = project screening level
RDL = report detection limit
RSL = regional screening level
T = total
U = Qualifier denotes the analyte was analyzed but not detected above the detection limit. The value associated with the U-qualifier is the LOD.
ug/l = micrograms per liter
WQCC = Water Quality Control Commission
WG = groundwater
Y = yes

Gray shaded values exceed the project screening level.

APPENDIX D-2

DATA QUALITY EVALUATION REPORT – GROUNDWATER SAMPLES (JANUARY–MARCH 2021)

LIST OF ACRONYMS AND ABBREVIATIONS

%	percent
AFB	Air Force Base
BTEX	benzene, toluene, ethylbenzene, total xylenes
BFF	Bulk Fuels Facility
CCV	continuing calibration verification
DL	detection limit
DoD	Department of Defense
DRO	diesel range organic
EB	equipment rinse blank
EDB	ethylene dibromide
ELLE	Eurofins Lancaster Laboratories Environmental, LLC
EPA	U.S. Environmental Protection Agency
GRO	gasoline range organic
GWM	groundwater monitoring
ICP	inductively coupled plasma
ICS	interference check sample
IS	internal standard
LCS	laboratory control sample
LCSD	laboratory control sample duplicate
LOD	limit of detection
LOQ	limit of quantification
MS	matrix spike
MSD	matrix spike duplicate
Q1	first quarter of the year (January 1 through March 31)
QAPP	Quality Assurance Project Plan (2020)
QC	quality control
QSM	Quality Systems Manual
RL	reporting limit
RPD	relative percent different
SDG	sample delivery group
SM	Standard Method
SW	Solid Waste
SWMU	Solid Waste Management Unit
TPH	total petroleum hydrocarbon

VOA	volatile organic analysis
VOC	volatile organic compound

D-2.1 DATA QUALITY EVALUATION REPORT GROUNDWATER SAMPLES (JANUARY–MARCH 2021)

D-2.1.1 Laboratory Data Quality Summary

This Data Quality Evaluation Report describes the findings of the data validation performed for the first quarter (Q1) 2021 groundwater monitoring (GWM) chemical analytical data collected in support of the Work Plan, Bulk Fuels Facility (BFF) Expansion of the Dissolved-Phase Plume Groundwater Treatment System Design Revision 2, Solid Waste Management Unit (SWMU) ST-106/SS-111, Kirtland Air Force Base (AFB), New Mexico (Kirtland AFB, 2017a), and the Work Plan for Installation of Data Gap Monitoring Wells (Kirtland AFB, 2017b). Sampling and analysis for the Q1 2021 GWM were conducted in accordance with the procedures and overall quality control (QC) and quality assurance protocols presented in the Work Plans and Quality Assurance Project Plan QAPP for Groundwater Monitoring and Interim Remedial Operations, BFF, SWMU ST106/SS-111, Kirtland AFB, New Mexico (Kirtland AFB, 2020).

Samples were collected from 66 GWM sample locations between January 4 through 15, 2021 from the BFF monitoring well network and newly installed wells under the data gap monitoring well and vadose zone coring programs. The Q1 wells were sampled using dual membrane passive samplers or low-flow methodology.

The following field QC samples were associated with the Q1 well sampling: 8 field duplicates, two equipment rinse blanks (EBs), 29 trip blanks, and two source water blanks for equipment rinse water. Groundwater samples were shipped to Eurofins Lancaster Laboratories Environmental, LLC (ELLE), Lancaster, Pennsylvania, for analysis. ELLE maintains a current Department of Defense (DoD) Environmental Laboratory Accreditation Program certification to perform the analyses required for this project. Sample analyses were performed in accordance with the following guidance documents:

- DoD Quality Systems Manual (QSM), Version 5.3 (DoD, 2019)
- U.S. Environmental Protection Agency (EPA) Test Methods for Evaluating Solid Waste (SW) 846, Third Edition and Updates, 1986
- Standard Methods (SM) for the Examination of Water and Wastewater, 22nd Edition (American Public Health Association, 2005)
- EPA Methods for Chemical Analysis of Water and Waste, EPA-600/4-79-020 (1983).

Q1 2021 groundwater samples were analyzed for a varying suite of analyses as shown in Appendix D-2 – Table 1. The following is a list of parameters and methods, as required per well:

- ***Volatile Organic Compounds (VOCs)—***Method SW8260C.
- ***Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)—***Method SW8260C.
- ***Ethylene Dibromide (EDB)***—Method SW8011.
- ***Total Arsenic and Lead***—Method SW6020A.

- ***Total Calcium, Magnesium, Potassium, and Sodium; Dissolved Iron; and Manganese—*** Method SW6010C.

- ***Anions (Bromide, Chloride, and Sulfate)***—Method EPA 300.0A.

- ***Nitrate/Nitrite Nitrogen***—Method EPA 353.2.

- ***Total Alkalinity (Bicarbonate and Carbonate)—***Method SM2320B.

- ***Total Petroleum Hydrocarbons (TPH) (Gasoline Range Organics [GRO] and Diesel Range Organics [DRO])—***Method SW8015D.

Chemical analytical data for Q1 2021 were reported by ELLE in 10 sample delivery groups (SDGs). Appendix D-2 – Table 1 summarizes samples collected from monitoring wells and the associated field QC samples, collection date, laboratory SDG, and analytical parameters for the Q1 monitoring program.

A third-party subcontractor, Validata Chemical Services, Duluth, Georgia, conducted EPA Stage 2B data validation on 100 percent (%) of the Q1 2021 sample data associated with the BFF monitoring network.

Analytical data validation was performed using the quality criteria specified in the following analytical guidelines and methods as applicable:

- Work Plan (Kirtland AFB, 2017a)

- Work Plan (Kirtland AFB, 2017b)

- QAPP (Kirtland AFB, 2020)

- DoD QSM for Environmental Laboratories, Version 5.3 (DoD, 2019)

- EPA Test Methods for Evaluating Solids Waste, Physical/Chemical Methods (SW 846, Third Edition and updates) (1986)

- American Public Health Association, Standard Methods for the Examination of Water and Wastewater, 22nd Edition (2005)

- EPA Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020 (1983)

- EPA Contract Laboratory Program, National Functional Guidelines for Superfund Organic Methods Data Review (EPA, 2017a)

- EPA Contract Laboratory Program, National Functional Guidelines for Inorganic Superfund Data Review (EPA, 2017b).

The following QC criteria were included in the EPA Stage 2B validation per the QAPP, as applicable to the analytical method:

- Sample preservation and extraction and analysis holding times
- Laboratory method blank contamination
- Surrogate spike and internal standard (IS) recoveries (organic analyses)

- Laboratory control sample (LCS) and LCS duplicate (LCSD) recoveries
- Matrix spike (MS) and matrix spike duplicate (MSD) sample recoveries
- Relative percent difference (RPD)
- Initial and continuing calibrations
- Inductively coupled plasma (ICP) interference check samples (metals)
- ICP serial dilutions (metals)
- Second column confirmation (for EDB only)
- Trip, EB, field blank, and source water blank results
- Field duplicate sample precision.

Analytical data were reviewed to evaluate precision, accuracy (bias), representativeness, comparability, completeness, and sensitivity as defined below:

- *Precision* is expressed as the RPD between the results of replicate sample analyses: sample duplicates, LCSDs, and MSDs. When analyte RPDs exceed the acceptance criteria, the data are qualified accordingly.

- *Accuracy (bias*) is demonstrated by recovery of target analytes from fortified blank and sample matrices, LCS/LCSD, and MS/MSD, respectively. For organic methods, bias is also demonstrated through recovery of surrogates from each field and QC sample. A comparison was made from the recovery of target analytes from fortified samples to the acceptance criteria defined in the QAPP (Kirtland AFB, 2020) and DoD QSM (2019). When the acceptance criteria are not available in the QAPPs or DoD QSM, results are compared with the laboratory in-house control limits. When these criteria are not met, the data are qualified accordingly. Bias may be indicated as high or low.

- *Representativeness* of the samples submitted for analysis is ensured by adherence to standard sampling techniques and standard analytical method protocols.

- *Comparability* of sample results is ensured through the use of approved sampling and analysis methods and comparison of sample results to historical sample data.

- *Completeness* of data is evaluated based on contractual, analytical, and technical criteria for data analysis. Technical completeness of data is used to assess overall project data completeness and is expressed as a percentage of the ratio of the number of usable data results to the total number of analytical data results. Only rejected data (R-qualified) are considered not usable to achieve project objectives.

- *Sensitivity* is determined by the ability to achieve the established method-specific reporting limits (RLs) in accordance with DoD QSM requirements and includes establishing the detection limit (DL), limit of detection (LOD), and limit of quantitation (LOQ). The DoD DL is commonly associated with the EPA method detection limit (MDL), the lowest concentration that an analyte can be detected per the analytical method. The DoD LOD is commonly associated with the EPA sample-specific reporting limit (RL), the limit at which the detected analyte is reported with 99 percent confidence. The DoD LOQ is associated with the EPA practical quantitation limit (PQL), the limit an analyte can be reported at 100 percent confidence and within method precision and accuracy. Per DoD QSM reporting requirements, sample results below the LOQ and above the DL are reported with a "J" qualifier, signifying estimated data. Non-detect sample results are reported with a "U" qualifier at the LOD. Sensitivity is evaluated based on comparison of the sample RLs to the project screening levels.

The following sections present the EPA Stage 2B data validation findings. The discussion summarizes data quality exceedances and their potential impact on the quality and usability of analytical results.

Appendix D-2 – Table 2 presents the definitions of data qualification and the reasons why these codes were applied to the analytical results. Appendix D-2 – Table 3 summarizes the qualified analytical data for Q1 2021 based on data validation findings.

D-2.2 DATA QUALITY FINDINGS

D-2.2.1 Sample Preservation and Sample Extraction and Analysis Holding Times (Reason Code HT)

The sample coolers and samples contained within the coolers were received intact at the laboratory at ≤6 degrees Celsius, per EPA guidelines. All samples were preserved appropriately per the requirements of EPA methods and SM with no exceptions. Sample holding times were evaluated by comparing (1) the sample collection date to the sample extraction date, and (2) the extraction date to the analysis date to determine if the method-specified holding times were exceeded. Q1 2021 sample extraction and analysis holding times were met for all reported sample data.

D-2.2.2 Laboratory Method Blanks (Reason Code MB)

The field sample results were evaluated with respect to the laboratory method blank prepared and analyzed for each analytical batch and each analytical method. Based on the DoD QSM requirements (2019), laboratory method blank concentrations are considered acceptable when contaminant levels in the blank are less than one-half the LOQ for target analytes and less than the LOQ for common laboratory contaminants. Low-level detections of iron, bromide and sulfate were reported in the method blank samples in SDG 410-25683-1 (bromide), and 410-25906-1 (bromide, sulfate, iron). Associated sample results were qualified "U" signifying non-detect results. There were no other analyte detections in Q1 2021 method blank samples that resulted in qualified data. Qualified Q1 2021 sample data based on method blank detections are presented in Appendix D-2 – Table 3.

D-2.2.3 Initial and Continuing Calibration Blanks (Reason Code CB/CCB)

Initial and continuing calibration blank criteria were reviewed to ensure that the instruments were free of contamination prior to sample analysis. Based on the DoD QSM requirements (2018, 2019), calibration blank concentrations are considered acceptable when contaminant levels in the blank are less than one-half the LOQ for target analytes and less than the LOQ for common laboratory contaminants. Initial and continuing calibration blank data were within control criteria for the Q1 2021 sample analyses with exception of low-level detections of bromide and sulfate in the CCB for SDG 410-25906-1. Associated sample results were qualified "U" signifying non-detect results. Qualified Q1 2021 sample data based on CCB detections are presented in Appendix D-2 – Table 3.

D-2.2.4 Surrogate and Internal Standard Recoveries (Reason Code SURR/IS)

Surrogate and internal compounds are added to field and laboratory QC samples for organic analysis to evaluate the matrix effect and method performance on an individual sample basis. Surrogate and IS recoveries for the Q1 2021 sample data were within method control criteria for all samples or did not result in qualified data since recoveries were above the control limit and results were non-detect.

D-2.2.5 Laboratory Control Sample/Laboratory Control Sample Duplicate Recoveries and Precision (Reason Codes LCS/RPD)

The LCS is an aliquot of an analyte-free matrix spiked with target analytes that are prepared with each analytical batch for each analytical method. The recovery of target analytes from the LCS analysis is a measurement of method performance in an interference-free sample matrix. LCS recoveries for the Q1 2021 data were within method control limits with the exception of one LCS for manganese in SDG 410-25765-1. Associated sample results were qualified "J". Qualified Q1 2021 sample data based on LCS recoveries are presented in Appendix D-2 – Table 3.

D-2.2.6 Matrix Spike/Matrix Spike Duplicate Recoveries and Laboratory Duplicate Sample Precision (Reason Codes MS/MSD and RPD)

The MS and MSD samples are a portion of a field sample spiked with target analytes that are prepared with each analytical batch and method as appropriate. The MS/MSD results are used to evaluate any bias introduced to the method due to matrix interference, and to measure bias and precision for each analytical batch. For some analytical parameters (inorganic and general chemistry), standard reference materials were also analyzed to determine analytical method precision and accuracy. Also discussed in this section are laboratory duplicate samples analyzed by the laboratory to assess method precision for metals analysis.

In accordance with the QAPP requirements, the additional volume for MS/MSD samples was collected at a rate of one per 20 groundwater samples. During the Q1 2021 sampling event, four MS/MSD samples were collected associated with the 66 monitoring well samples and analyzed for the well-specific analytical parameters as identified in Appendix D-2 – Table 1. Additional MS/MSD samples were analyzed by the laboratory as necessary to meet method and analytical batch requirements.

Sample-specific MS/MSD analyte recoveries exceeded control criteria for VOCs (toluene and ethylbenzene), and chloride in SDG 410-,25765-1 and chloride in SDG 410-25683-1. Associated sample results were qualified "J." There were MS/MSD exceedances for other analytes however the sample concentration was four times the spike amount so data were not qualified. Sample results qualified based on MS/MSD recoveries are presented in Appendix D-2 – Table 3.

Laboratory duplicate/replicate samples were analyzed by the laboratory to meet metals method requirements to assess method precision. Sample results were within method control limits for the Q1 laboratory duplicate/replicate QC sample recoveries.

D-2.2.7 Initial and Continuing Calibration Verification (Reason Code CCV)

Instrument calibration is performed for all analyses in accordance with method requirements. The linear analytical range is established for each method by analysis of calibration standards prepared at increasing concentrations that cover the expected sample concentration range. The acceptability of the initial calibration is determined by calculation of a percent relative standard deviation or coefficient. Routinely during sample analysis, the stability of the analytical system is monitored by analysis of continuing calibration standards at concentrations near the mid-point of the instrument calibration range. The percent difference values between the relative response factor in the initial calibration and the relative response factor in the continuing calibration are reviewed to ensure instrument calibration criteria are within method control limits. Initial and continuing calibration verification (CCV) met the method-specific control criteria for the Q1 2021 analytical data with exception of dichlorodifluoromethane in SDG 410-26694-1, chloride in SDG 410-25683-1, and EDB in several SDGs where the CCV for the second column exceeded the control criteria however, the sample results were reported from the primary column.

Associated sample results were qualified "J and UJ". Qualified Q1 2021 sample data based on CCV exceedances are presented in Appendix D-2 – Table 3.

D-2.2.8 Interference Check Sample (Reason Code ICS)

The interference check sample (ICS) verifies the inter-element and background correction factors for metals analysis using ICP instrumentation. The ICSs were analyzed at the required frequencies, and all ICS results are within the established control criteria for the ICP analytical methods for the Q1 2021 analytical data.

D-2.2.9 Inductively Coupled Plasma Serial Dilution (Reason Code SD)

The ICP serial dilution determines whether significant physical or chemical interferences exist due to sample matrix. When the concentration of an analyte exceeds 50 and 100 times the DL for ICP and ICP mass spectrometry analysis, respectively, the ICP serial dilution is performed and the results between the original analysis and the diluted analysis are compared. The results of the ICP serial dilution are deemed acceptable when a percent difference between the original analysis and the diluted analysis is less than or equal to 10%. An ICP serial dilution was performed based on the above criteria for the Q1 samples as deemed appropriate. ICP serial dilution results were within control criteria for all samples and analytes for Q1 2021 data. No data were qualified based on serial dilution criteria.

D-2.2.10 Sample Confirmation (Reason Code RPD)

As required by DoD and EPA analytical method guidance, sample detections for EDB require confirmation using a second column analysis. EDB samples for Q1 2021 were analyzed by EPA Method SW8011, confirmed by a second column analysis, and reported from the primary column. Any detection of EDB on the second column is considered confirmation unless it appears to be associated with matrix interferences. There were no data reporting issues associated with EDB detections however as noted in section D-2.2.7, there were exceedances of the confirmation column CCV, but data were reported from the primary column.

D-2.2.11 Field Blanks for Volatile Organic Compounds (Reason Code FB)

Field blanks serve as a check for possible VOCs in air associated with a sampling location. The field blanks are prepared in the field during sampling by pouring ultra-pure water into EPA-certified clean sample containers and exposing the container to the environment at a particular sample location that may be associated with airborne VOCs.

Field blank samples are collected as deemed necessary at the time of sampling based on site conditions and potential for airborne VOC contamination. During the Q1 2021 GWM event, field blank samples were not deemed necessary for collection.

D-2.2.12 Trip Blanks (Reason Code TB)

Trip blanks were prepared by the laboratory and are stored with the containers to be used for collection of aqueous samples to be analyzed for VOCs, EDB, and TPH-GRO. As samples are collected for volatile-type analyses, trip blanks are placed in the cooler with the sample containers; therefore, they are exposed to any potential contamination along with the field samples. In accordance with the QAPP requirements, trip blank samples are to be included at a rate of one per cooler when collecting water samples for volatile organic-type analyses. A total of 29 trip blank samples were shipped during Q1 accompanying samples for VOCs, EDB, or TPH-GRO analysis. No detections were reported in Q1 trip blank samples. Appendix D-2 – Table 4 summarizes the results for trip blank samples for the Q1 2021 sampling event.

D-2.2.13 Equipment Rinse Blanks (Reason Code EB)

EBs are collected in the field to assess potential contamination from sampling equipment. Results for the EB samples are used to evaluate the efficiency of equipment decontamination procedures in the field. Two EB samples and two source water blank samples were collected during the Q1 sampling event. The EB samples were prepared by rinsing the decontaminated sampling equipment with water provided by Environmental Sampling Supply (source water) or Crystal Springs water, and then collecting the final rinse water into appropriate sample containers for analysis. The EB samples associated with the Q1 sampling event were analyzed for VOCs, BTEX, EDB, metals, and TPH-GRO/DRO. The source water samples were also collected and analyzed for EDB, BTEX and metals. Low-level detections of toluene, TPH-DRO, lead, calcium, and sodium were detected in EB samples. Only potassium was detected in the source water blank samples. Associated sample detects for lead only in SDG 410-26001-1 and 410-26694-1 were qualified "U," signifying non-detect data. There were no detects of the other analytes in the associated samples that resulted in data qualification. The rinse blank and source water blank sample results were acceptable to demonstrate the equipment decontamination procedures for the Q1 2021 sampling event achieved project objectives. Qualified Q1 2021 sample data based on EB detections are presented in Appendix D-2 – Table 3. Appendix D-2 – Table 4 presents the results of the Q1 2021 EB and source water blank samples.

D-2.2.14 Field Duplicate Samples

In accordance with the project QAPP requirements (Kirtland AFB, 2020), field duplicate samples are collected at a frequency of 10% of the total number of groundwater samples for the Q1 event. Eight field duplicate samples were collected for a total of 66 groundwater samples for the Q1 event. The 10% frequency for field duplicate samples was achieved at 12% for Q1 2021 sampling.

Field duplicate RPD is evaluated by calculating the RPD between the parent sample and the duplicate sample. The RPD was calculated using the following equation:

$$RPD = |(S-D)/[(S+D)/2]| \times 100$$

where

S = Sample result.
D = Duplicate result.

Acceptable precision control criteria are established at less than or equal to 35% for water samples. The RPD was calculated between pairs of field duplicate samples when both results are reported at or above the LOQ. Field duplicate sample results exceeded the RPD for bromide in GW009-211 parent sample and GW009-611 duplicate sample resulting in "J" qualified bromide results. All other field duplicate samples achieved the acceptable precision control criterion for the Q1 sampling event. Qualified Q1 2021 sample data based on field duplicate precision are presented in Appendix D-2 – Table 3. The results for the field duplicate samples collected during Q1 2021 are presented on Appendix D-2 – Table 5. The field duplicate results demonstrate acceptable overall field sampling procedures and analytical method precision.

D-2.2.15 Estimated Sample Data Above Project Screening Levels

During Q1 2021 detections above the project screening level for EDB in six samples and manganese in three samples were "J" qualified as a result of data validation and exceedance of data quality criteria for EDB CCV and manganese LCS. Appendix D-2 – Table 6 presents the results for the samples with "J"

qualified results above the project screening level. Data validation guidelines determine these data to be usable and achieve project data quality objectives.

D-2.2.16 Groundwater Results with LOQ/PQL Exceeding the Project Screening Level

During Q1 2021, 33 detect and non-detect sample results were reported with LOQ/PQLs that exceeded the project screening level. Twenty-three detections of EDB, benzene, and TPH-GRO above the project screening level exhibited elevated LOQ/PQLs as a result of the high concentration of these analytes in the sample and therefore, requiring sample dilution during analysis. Ten VOC analytes exhibited elevated LOQ/PQLs due to the high concentrations of EDB and benzene in the samples. Elevated concentrations of target analytes in a sample results in sample dilution during analysis in order to meet DoD QSM and EPA analytical method criteria. When samples require dilution, all analyte reporting limits become elevated by the amount of the dilution and thus resulting in the exceedances listed in Appendix D-2─Table 7. Data validation guidelines determine these data to be usable and achieve project data quality objectives.

D-2.2.17 Professional Judgement

Professional judgement may be applied by a third-party data validation subcontractor or the project chemist during the data review process to apply validation qualifiers based on site-specific knowledge, historical data, comparability of data, and analytical expertise. For Q1 no professional judgement was used to add or revise data qualifiers that were applied by the validation subcontractor.

D-2.2.18 Analytical Deviations

No analytical deviations were noted for the Q1 2021 GWM event. As stated in Section D-2.1.1, samples were analyzed for the required parameters and analytes and per the appropriate analytical methods and requirements.

D-2.3 COMPLETENESS

The following sections present a discussion of contractual, analytical, and technical completeness for the Q1 2021 analytical data. Completeness calculations were performed for the samples that are used for project decisions. Completeness results are presented in the following sections.

D-2.3.1 Contractual Completeness

Contractual completeness is a quantitative determination of the number of unqualified results compared to the total number of sample results expressed as a percentage, based on data qualified for QC outliers related to analytical method performance. These include data qualified for calibration or method blank contamination, missed holding times, LCS recovery, and/or precision. The contractual completeness goal is 95%. Contractual completeness was calculated as follows:

$$\text{Percent Contractual Completeness} = \frac{\text{Number of Unqualified Results}}{\text{Total Number of Results}} \times 100$$

Fourteen analytes were “U” and “J” qualified based on calibration or method blank contamination and LCS recovery, out of a total of 693 analyte results. Groundwater sample contractual completeness for Q1 is 98%. The 95% contractual completeness objective was achieved for all of the methods for the Q1 2021 sampling event.

D-2.3.2 Analytical Completeness

Analytical completeness is a quantitative measure of the number of unqualified data results compared to the total number of results expressed as a percentage, based on the target analytes qualified for exceedances of QC requirements associated with calibration, LCS, MS/MSD, surrogate, method precision, blank contamination, and field duplicate RPD. The analytical completeness goal is 90% for the project. Analytical completeness was calculated as follows:

$$\text{Percent Analytical Completeness} = \frac{\text{Number of Unqualified Results}}{\text{Total Number of Results}} \times 100$$

A total of 65 analytes were qualified "U," "J," and "UJ" based on lab/field blank contamination, CCV, LCS, MS/MSD, and field duplicate RPD out of a total number of 693 analyte results, for an analytical completeness of 90.6%. Analytical completeness achieved the 90% completeness objective for the Q1 2021 sampling event.

Estimated data (J and UJ-qualified) achieve data quality objectives and are usable to achieve project objectives. No analytical data for GWM samples were rejected (R-qualified) and qualified unusable based on analytical completeness for the Q1 2021 sampling event.

D-2.3.3 Technical Completeness

Technical completeness is a quantitative measure of the data usability based on the number of rejected data compared to the total number of sample results. The technical completeness goal for each quarterly event is equal to or greater than 95%. The technical completeness calculation considers all data that are not rejected (R-qualified) usable data to achieve project objectives. The technical completeness was calculated as follows:

$$\text{Percent Technical Completeness} = \frac{\text{Number of Usable Results}}{\text{Total Number of Results}} \times 100$$

The project data quality objectives were achieved for all methods for the Q1 sampling event. No data were rejected, and the technical completeness for the Q1 2021 groundwater data is 100% for all parameters and is provided in Appendix D-2 – Table 8.

D-2.3.4 Data Analysis Completeness

As a part of the data review process, chain-of-custody forms and project data deliverables are reviewed against Table 4-5 – Groundwater Monitoring Wells Sampled in Q1 2021 from the main report to ensure compliance with the sampling plans, and that analytical results were reported for all planned methods and samples.

Data deliverable completeness for Q1 data deliverables was determined to be 100% complete as received from the laboratory. Level II analytical data packages for Q1 2021 groundwater data are provided in Appendix D-3. Level IV data packages are available upon request.

D-2.4 REPRESENTATIVENESS AND COMPARABILITY

Q1 2021 BFF well network and vadose zone well sampling was conducted in accordance with the sampling and analysis protocols and standard operating procedures documented in the Work Plans

(Kirtland AFB, 2017a, 2017b). Approved procedures were used to collect, preserve, document, and ship samples to ELLE, thus ensuring the samples collected for the Q1 2021 sampling event were representative of the project site and conditions.

Groundwater samples for VOCs, EDB, and TPH-GRO analyses were collected in 40-milliliter volatile organic analysis (VOA) vials preserved with hydrochloric acid and shipped to ELLE at ≤6 degrees Celsius. Samples received in VOA vials were inspected to evaluate the presence of any headspace (estimated in millimeters) and documented as sample condition on the laboratory sample receipt report. Following EPA guidance and laboratory standard operating procedure, the laboratory analyzed the VOC, EDB, and TPH-GRO VOA vials without headspace, if available, to ensure that the reported data were representative. The presence of bubbles in the vials could be attributed to imperfections of the septa seal and/or septa expansion and contraction due to temperature changes during shipping samples from the field to the laboratory. To minimize VOC losses and possible low-biased data reported from the laboratory, samplers performed a visual inspection of the VOA vials prior to sample shipping to avoid shipping any VOA vials with headspace to the laboratory. If large bubbles appeared in the vials upon closing the lid over the sample container, the samples were re-collected; containers were never topped off with additional volume. Analysts at the laboratory also performed a visual inspection of VOA vials prior to analysis to ensure analysis of sample vials without headspace, if available. All Q1 groundwater samples were analyzed from VOA vials without headspace.

The project laboratory (ELLE) maintains current DoD Environmental Laboratory Accreditation Program certification and adhered to the analytical methods documented in the project QAPP and DoD QSM requirements to prepare and analyze samples and report the data. This certification ensures the comparability of the analytical results between different samples and different sampling events. For the Q1 2021 groundwater data, an EPA Stage 2B data review was performed on 100% of the analytical data to verify that the laboratory complied with the DoD QSM, the project QAPP, and method requirements. QC results that exceeded method control criteria resulted in data qualification as presented in the previous sections. Based on a review of the completed sample collection logs, chain-of-custody forms, sample receipt forms, and laboratory data packages, the analytical data reported for the Q1 2021 monitoring event achieved the project data representativeness and comparability requirements.

D-2.5 SENSITIVITY

Data sensitivity for Q1 2021 was achieved by complying with the analytical method guidelines and RLs specified in the project QAPP. The analytical methods used for groundwater analysis achieved the project screening levels for the monitoring well samples: EPA National Drinking Water Regulations, Maximum Contaminant Levels (EPA, 2018); New Mexico Administrative Code Title 20 Chapter 6 Part 2.3103, Standards for Ground Water of 10,000 Milligrams per Liter Total Dissolved Solids Concentration or Less (New Mexico Administrative Code, 2018); and EPA Region 6 Regional Screening Levels for Tapwater (EPA, 2019), as applicable. Project screening levels for groundwater samples are presented in the QAPP Worksheet 15, Table 15-1 (Kirtland AFB, 2020).

Elevated sample RLs are associated with elevated concentrations of target analytes in the samples requiring dilution or due to sample matrix interference. Samples that require dilution during analysis in order to bring elevated concentrations into the calibration range, are valid data and deemed usable and meet project data quality objectives. For the analytical results, detections of target compounds reported below the LOQ are "J"-flagged as estimated values. Non-detect analytes are reported at the LOD per the DoD QSM requirements unless as noted above.

D-2.6 CONCLUSIONS

The analytical data reported for the Q1 2021 GWM event have been reviewed for precision, accuracy (bias), representativeness, comparability, completeness, and sensitivity. Data quality exceedances that resulted in data qualification include the following criteria exceedances: (1) method blank, calibration blank, and EB contamination, (2) CCV, (3) LCS recoveries, (4) MS/MSD recoveries, and (5) field duplicate RPD. Analytical data are qualified as estimated detect and non-detect data results. Estimated sample data are usable to achieve project objectives. The 95% technical completeness goal was achieved for the Q1 2021 sampling event. Data are usable to achieve the project data quality objectives as qualified based on validation.

D-2.7 REFERENCES

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TABLES

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Table D-2-8 Technical Data Completeness – Groundwater, Q1 2021

Table D-2-1
Groundwater Sample Collection Summary, Q1 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Delivery Group	Analytical Parameter[a]	Comments
KAFB-106003	GW003-211	1/14/2021	410-26637-1	BTEX, EDB	—
KAFB-106004	GW004-211	1/13/2021	410-26381-1	BTEX, EDB	—
KAFB-106005	GW005-211	1/15/2021	410-26694-1	BTEX, EDB, metals, anions, alkalinity	—
KAFB-106005	GW005-611	1/15/2021	410-26694-1	BTEX, EDB, metals, anions, alkalinity	Field Duplicate
KAFB-106009	GW009-211	1/11/2021	410-26001-1	BTEX, EDB, metals, anions, alkalinity	—
KAFB-106009	GW009-611	1/11/2021	410-26001-1	BTEX, EDB, metals, anions, alkalinity	Field Duplicate
KAFB-106012R	GW012R-211	1/11/2021	410-26001-1	BTEX, EDB, metals, anions, alkalinity	MS/MSD
KAFB-106013	GW013-211	1/12/2021	410-26145-1	BTEX, EDB	—
KAFB-106029	GW029-211	1/5/2021	410-25516-1	EDB	—
KAFB-106030	GW030-211	1/5/2021	410-25516-1	EDB	—
KAFB-106031	GW031-211	1/5/2021	410-25516-1	EDB	—
KAFB-106032	GW032-211	1/6/2021	410-25683-1	EDB	—
KAFB-106033	GW033-211	1/6/2021	410-25683-1	EDB	—
KAFB-106034	GW034-211	1/6/2021	410-25683-1	EDB	—
KAFB-106041	GW041-211	1/6/2021	410-25683-1	EDB, metals, anions, alkalinity	—
KAFB-106049	GW049-211	1/6/2021	410-25683-1	EDB	—
KAFB-106050	GW050-211	1/6/2021	410-25683-1	EDB	—
KAFB-106051	GW051-211	1/6/2021	410-25683-1	EDB	—
KAFB-106097	GW097-211	1/12/2021	410-26145-1	BTEX, EDB	—
KAFB-106098	GW098-211	1/12/2021	410-26145-1	BTEX, EDB	—
KAFB-106099	GW099-211	1/13/2021	410-26381-1	BTEX, EDB	—
KAFB-106100	GW100-211	1/13/2021	410-26381-1	BTEX, EDB	—
KAFB-106101	GW101-211	1/13/2021	410-26381-1	BTEX, EDB	—
KAFB-106101	GW101-611	1/13/2021	410-26381-1	BTEX, EDB	Field Duplicate
KAFB-106102	GW102-211	1/14/2021	410-26637-1	BTEX, EDB	—
KAFB-106149-484	GW149-484-211	1/7/2021	410-25765-1	EDB, metals, anions, alkalinity	—
KAFB-106151-484	GW151-484-211	1/8/2021	410-25906-1	EDB, metals, anions, alkalinity	—
KAFB-106152-484	GW152-484-211	1/8/2021	410-25906-1	EDB, metals, anions, alkalinity	—
KAFB-106153-484	GW153-484-211	1/7/2021	410-25765-1	EDB, metals, anions, alkalinity	—
KAFB-106201	GW201-211	1/6/2021	410-25683-1	EDB	—
KAFB-106202	GW202-211	1/6/2021	410-25683-1	EDB	—
KAFB-106203	GW203-211	1/6/2021	410-25683-1	EDB	—
KAFB-106204	GW204-211	1/4/2021	410-25437-1	EDB	—
KAFB-106204	GW204-611	1/4/2021	410-25437-1	EDB	Field Duplicate
KAFB-106205	GW205-211	1/4/2021	410-25437-1	EDB	—
KAFB-106206	GW206-211	1/5/2021	410-25516-1	EDB	—
KAFB-106207	GW207-211	1/4/2021	410-25437-1	EDB	—
KAFB-106208	GW208-211	1/4/2021	410-25437-1	EDB	—
KAFB-106209	GW209-211	1/4/2021	410-25437-1	EDB	—
KAFB-106216	GW216-211	1/4/2021	410-25437-1	EDB	—

Table D-2-1
Groundwater Sample Collection Summary, Q1 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Delivery Group	Analytical Parameter[a]	Comments
KAFB-106217	GW217-211	1/4/2021	410-25437-1	EDB	—
KAFB-106218	GW218-211	1/4/2021	410-25437-1	EDB	—
KAFB-106218	GW218-611	1/4/2021	410-25437-1	EDB	Field Duplicate
KAFB-106222	GW222-211	1/4/2021	410-25437-1	EDB	—
KAFB-106223	GW223-211	1/4/2021	410-25437-1	EDB	—
KAFB-106224	GW224-211	1/4/2021	410-25437-1	EDB	—
KAFB-106230	GW230-211	1/6/2021	410-25683-1	EDB, metals, anions, alkalinity	—
KAFB-106231	GW231-211	1/5/2021	410-25516-1	EDB	—
KAFB-106232	GW232-211	1/5/2021	410-25516-1	EDB	—
KAFB-106235-438	GW235-438-211	1/5/2021	410-25516-1	EDB	—
KAFB-106235-472	GW235-472-211	1/5/2021	410-25516-1	EDB	MS/MSD
KAFB-106235-501	GW235-501-211	1/5/2021	410-25516-1	EDB	—
KAFB-106236-436	GW236-436-211	1/5/2021	410-25516-1	EDB	—
KAFB-106236-436	GW236-436-611	1/5/2021	410-25516-1	EDB	Field Duplicate
KAFB-106236-470	GW236-470-211	1/5/2021	410-25516-1	EDB	—
KAFB-106236-499	GW236-499-211	1/5/2021	410-25516-1	EDB	—
KAFB-106240-449	GW240-449-211	1/7/2021	410-25765-1	BTEX, EDB, metals, anions, alkalinity	—
KAFB-106241-428	GW241-428-211	1/6/2021	410-25683-1	EDB, metals, anions, alkalinity	—
KAFB-106241-428	GW241-428-611	1/6/2021	410-25683-1	EDB, metals, anions, alkalinity	Field Duplicate
KAFB-106242-418	GW242-418-211	1/5/2021	410-25516-1	EDB, metals, anions, alkalinity	—
KAFB-106243-425	GW243-425-211	1/7/2021	410-25765-1	EDB, metals, anions, alkalinity	MS/MSD
KAFB-106244-445	GW244-445-211	1/7/2021	410-25765-1	BTEX, EDB, metals, anions, alkalinity	—
KAFB-106245-460	GW245-460-211	1/7/2021	410-25765-1	BTEX, EDB, metals, anions, alkalinity	—
KAFB-106247-450	GW247-450-211	1/7/2021	410-25765-1	BTEX, EDB, metals, anions, alkalinity	—
KAFB-106247-450	GW247-450-611	1/7/2021	410-25765-1	BTEX, EDB, metals, anions, alkalinity	Field Duplicate
KAFB-106S1-447	GWS1-447-211	1/7/2021	410-25765-1	BTEX, EDB, metals, anions, alkalinity	—
KAFB-106S2-451	GWS2-451-211	1/7/2021	410-25765-1	BTEX, EDB, metals, anions, alkalinity	MS/MSD
KAFB-106S3-449	GWS3-449-211	1/8/2021	410-25906-1	BTEX, EDB, metals, anions, alkalinity	—
KAFB-106S4-446	GWS4-446-211	1/7/2021	410-25765-1	BTEX, EDB, metals, anions, alkalinity	—
KAFB-106S5-446	GWS5-446-211	1/8/2021	410-25906-1	BTEX, EDB, metals, anions, alkalinity	—
KAFB-106S7-451	GWS7-451-211	1/8/2021	410-25906-1	BTEX, EDB, metals, anions, alkalinity	—
KAFB-106S8-451	GWS8-451-211	1/7/2021	410-25765-1	BTEX, EDB, metals, anions, alkalinity	—
KAFB-106S9-447	GWS9-447-211	1/8/2021	410-25906-1	BTEX, EDB, metals, anions, alkalinity	—
KAFB-106S10-443	GWS10-443-211	1/15/2021	410-26694-1	EDB, VOCs, TPH-GRO, TPH-DRO, metals, anions, alkalinity	—
Equipment Blank	ER211-01	1/11/2021	410-26001-1	EDB, BTEX, metals	—
Equipment Blank	ER211-02	1/15/2021	410-26694-1	EDB, VOCs, TPH-GRO, TPH-DRO, metals	—
Source Water Blank	SWB211-01	1/14/2021	410-26637-1	EDB, BTEX, metals	—
Source Water Blank	SWB211-02	1/14/2021	410-26637-1	EDB, BTEX, metals	—
Trip Blank	TB211-01	1/4/2021	410-25437-1	EDB	—
Trip Blank	TB211-02	1/4/2021	410-25437-1	EDB	—

Table D-2-1
Groundwater Sample Collection Summary, Q1 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Delivery Group	Analytical Parameter[a]	Comments
Trip Blank	TB211-03	1/4/2021	410-25437-1	EDB	—
Trip Blank	TB211-04	1/4/2021	410-25437-1	EDB	—
Trip Blank	TB211-05	1/5/2021	410-25516-1	EDB	—
Trip Blank	TB211-06	1/5/2021	410-25516-1	EDB	—
Trip Blank	TB211-07	1/5/2021	410-25516-1	EDB	—
Trip Blank	TB211-08	1/5/2021	410-25516-1	EDB	—
Trip Blank	TB211-09	1/5/2021	410-25516-1	EDB	—
Trip Blank	TB211-10	1/6/2021	410-25683-1	EDB	—
Trip Blank	TB211-11	1/6/2021	410-25683-1	EDB	—
Trip Blank	TB211-12	1/6/2021	410-25683-1	EDB	—
Trip Blank	TB211-13	1/6/2021	410-25683-1	EDB	—
Trip Blank	TB211-14	1/7/2021	410-25765-1	BTEX, EDB	—
Trip Blank	TB211-15	1/7/2021	410-25765-1	BTEX, EDB	—
Trip Blank	TB211-16	1/7/2021	410-25765-1	BTEX, EDB	—
Trip Blank	TB211-17	1/7/2021	410-25765-1	BTEX, EDB	—
Trip Blank	TB211-18	1/7/2021	410-25765-1	BTEX, EDB	—
Trip Blank	TB211-19	1/7/2021	410-25765-1	BTEX, EDB	—
Trip Blank	TB211-20	1/8/2021	410-25906-1	BTEX, EDB	—
Trip Blank	TB211-21	1/8/2021	410-25906-1	BTEX, EDB	—
Trip Blank	TB211-22	1/11/2021	410-26001-1	BTEX, EDB	—
Trip Blank	TB211-23	1/11/2021	410-26001-1	BTEX, EDB	—
Trip Blank	TB211-24	1/12/2021	410-26145-1	BTEX, EDB	—
Trip Blank	TB211-25	1/13/2021	410-26381-1	BTEX, EDB	—
Trip Blank	TB211-26	1/13/2021	410-26381-1	BTEX, EDB	—
Trip Blank	TB211-27	1/14/2021	410-26637-1	BTEX, EDB	—
Trip Blank	TB211-28	1/15/2021	410-26694-1	EDB, BTEX	—
Trip Blank	TB211-29	1/15/2021	410-26694-1	EDB, VOCs, TPH-GRO	—

Table D-2-1
Groundwater Sample Collection Summary, Q1 2021

[a]Analytical methods include: Method SW8260C for VOCs; Method SW8011 for EDB; Methods SW6010C/6020A for total metals (calcium, potassium, magnesium, sodium /arsenic and lead); Method SW6010C for dissolved iron and manganese. Anion analyses include Method E300.0A for bromide, chloride and sulfate; Method E353.2 for nitrate/nitrite. Alkalinity is analyzed by Method SM2320B. TPH-DRO and TPH-GRO were analayzed by Method SW8015D.

— = no comments
EDB = 1,2-dibromoethane (ethylene dibromide)
ID = identification
MS = matrix spike
MSD = matrix spike duplicate
Q1 = first quarter
TPH-DRO = Total Petroleum Hydrocarbons – Diesel Range Organics
TPH-GRO = Total Petroleum Hydrocarbons – Gasoline Range Organics
VOCs = volatile organic compounds

Table D-2-2
Data Qualification Flags and Reason Codes

Data Qualifier Definitions for Data Validation

Qualifier	Definition
	No Qualifier indicates that the data are acceptable both qualitatively and quantitatively.
U	The analyte was analyzed for but was not detected above the detection limit. The value associated with the U-qualifier is the limit of detection.
J	The analyte was analyzed for and was positively identified, but the reported numerical value may not be consistent with the amount actually present in the environmental sample. Results are estimated, although the data are considered usable and may be used as appropriate to meet project objectives. Results are qualitatively acceptable and quantitatively uncertain.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The analyte was analyzed for, but the presence or absence of the analyte has not been verified. Re-sampling and re-analysis may be necessary to confirm or deny the presence of the analyte. Results are rejected, and data are unusable for any purposes.
X	The sample results were affected by serious deficiencies in the ability to analyze the sample and to meet published method and project QC criteria. The presence or absence of the analyte cannot be substantiated by the data provided. Acceptance or rejection of the data should be decided by the project team (includes project chemist).

Reason Codes for Data Validation

Reason Code	Description
CB/CCB	Calibration blank or continuing calibration blank outside of control limits
CCV	Calibration verification outside of control limits
EB	Equipment rinse blank contamination
FB	Field blank contamination
FD	Field duplicate sample results out of control criteria
HT	Holding time exceedance
ICS	Interference check sample
LCS	Laboratory control sample recovery out of control criteria
MB	Method blank contamination
MS/MSD	Matrix spike/ matrix spike duplicate recovery outside of control criteria
RPD	Relative percent difference outside of control limits
SD	Inductively Coupled Plasma serial dilution out of control criteria
SURR	Surrogate recovery outside of control limits
TB	Trip blank contamination

Table D-2-3
Qualified Sample Results, Q1 2021

Well Location ID	Sample Name	Sample Delivery Group	Collection Method	Sample Type	Analyte	Data Qualifier	Validation Reason Code
KAFB-106003	GW003-211	410-26637-1	LF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106009	GW009-211	410-26001-1	LF	N	Bromide	J	Field Duplicate RPD
KAFB-106009	GW009-211	410-26001-1	LF	N	Lead	U	Equipment Blank[a]
KAFB-106009	GW009-611	410-26001-1	LF	FD	Bromide	J	Field Duplicate RPD
KAFB-106013	GW013-211	410-26145-1	LF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106029	GW029-211	410-25516-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106030	GW030-211	410-25516-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106031	GW031-211	410-25516-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106032	GW032-211	410-25683-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106033	GW033-211	410-25683-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106034	GW034-211	410-25683-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106041	GW041-211	410-25683-1	DF	N	Bromide	U	Method Blank[a]
KAFB-106041	GW041-211	410-25683-1	DF	N	Chloride	J	Continuing Calibration Verification
KAFB-106041	GW041-211	410-25683-1	DF	N	1,2-Dibromoethane	J	Continuing Calibration Verification
KAFB-106049	GW049-211	410-25683-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106050	GW050-211	410-25683-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106051	GW051-211	410-25683-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106097	GW097-211	410-26145-1	LF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106098	GW098-211	410-26145-1	LF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106101	GW101-211	410-26381-1	LF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106101	GW101-611	410-26381-1	LF	FD	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106102	GW102-211	410-26637-1	LF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106151-484	GW151-484-211	410-25906-1	DF	N	Iron	U	Method Blank[a]
KAFB-106151-484	GW151-484-211	410-25906-1	DF	N	1,2-Dibromoethane	J	Continuing Calibration Verification
KAFB-106152-484	GW152-484-211	410-25906-1	DF	N	Sulfate	U	Continuing Calibration Blank[a]
KAFB-106152-484	GW152-484-211	410-25906-1	DF	N	Bromide	U	Continuing Calibration Blank, Method Blank[a]
KAFB-106152-484	GW152-484-211	410-25906-1	DF	N	1,2-Dibromoethane	J	Continuing Calibration Verification
KAFB-106205	GW205-211	410-25437-1	DF	N	1,2-Dibromoethane	J	Continuing Calibration Verification
KAFB-106206	GW206-211	410-25516-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106222	GW222-211	410-25437-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106223	GW223-211	410-25437-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification

Table D-2-3
Qualified Sample Results, Q1 2021

Well Location ID	Sample Name	Sample Delivery Group	Collection Method	Sample Type	Analyte	Data Qualifier	Validation Reason Code
KAFB-106230	GW230-211	410-25683-1	DF	N	Chloride	J	Continuing Calibration Verification
KAFB-106230	GW230-211	410-25683-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106231	GW231-211	410-25516-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106232	GW232-211	410-25516-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106235-501	GW235-501-211	410-25516-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106236-436	GW236-436-211	410-25516-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106236-436	GW236-436-611	410-25516-1	DF	FD	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106236-470	GW236-470-211	410-25516-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106236-499	GW236-499-211	410-25516-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106241-428	GW241-428-211	410-25683-1	DF	N	Bromide	U	Method Blank[a]
KAFB-106241-428	GW241-428-211	410-25683-1	DF	N	Chloride	J	Continuing Calibration Verification, MS/MSD recovery
KAFB-106241-428	GW241-428-211	410-25683-1	DF	N	1,2-Dibromoethane	J	Continuing Calibration Verification
KAFB-106241-428	GW241-428-611	410-25683-1	DF	FD	Bromide	U	Method Blank[a]
KAFB-106241-428	GW241-428-611	410-25683-1	DF	FD	Chloride	J	Continuing Calibration Verification
KAFB-106241-428	GW241-428-611	410-25683-1	DF	FD	1,2-Dibromoethane	J	Continuing Calibration Verification
KAFB-106242-418	GW242-418-211	410-25516-1	DF	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
KAFB-106247-450	GW247-450-211	410-25765-1	DF	N	Chloride	J	MS/MSD Recovery
KAFB-106247-450	GW247-450-611	410-25765-1	DF	FD	Chloride	J	MS/MSD Recovery
KAFB-106S1-447	GWS1-447-211	410-25765-1	DF	N	Manganese	J	Laboratory Control Spike
KAFB-106S2-451	GWS2-451-211	410-25765-1	DF	N	Manganese	J	Laboratory Control Spike
KAFB-106S2-451	GWS2-451-211	410-25765-1	DF	N	Ethylbenzene	J	MS/MSD Recovery
KAFB-106S2-451	GWS2-451-211	410-25765-1	DF	N	Toluene	J	MS/MSD Recovery
KAFB-106S3-449	GWS3-449-211	410-25906-1	DF	N	Sulfate	U	Continuing Calibration Blank, Method Blank[a]
KAFB-106S3-449	GWS3-449-211	410-25906-1	DF	N	1,2-Dibromoethane	J	Continuing Calibration Verification
KAFB-106S5-446	GWS5-446-211	410-25906-1	DF	N	Sulfate	U	Continuing Calibration Blank, Method Blank[a]
KAFB-106S5-446	GWS5-446-211	410-25906-1	DF	N	Bromide	U	Continuing Calibration Blank, Method Blank[a]
KAFB-106S5-446	GWS5-446-211	410-25906-1	DF	N	1,2-Dibromoethane	J	Continuing Calibration Verification
KAFB-106S7-451	GWS7-451-211	410-25906-1	DF	N	1,2-Dibromoethane	J	Continuing Calibration Verification
KAFB-106S8-451	GWS8-451-211	410-25765-1	DF	N	Manganese	J	Laboratory Control Spike

Table D-2-3
Qualified Sample Results, Q1 2021

Well Location ID	Sample Name	Sample Delivery Group	Collection Method	Sample Type	Analyte	Data Qualifier	Validation Reason Code
KAFB-106S9-447	GWS9-447-211	410-25906-1	DF	N	Bromide	U	Continuing Calibration Blank, Method Blank[a]
KAFB-106S9-447	GWS9-447-211	410-25906-1	DF	N	Iron	U	Method Blank[a]
KAFB-106S9-447	GWS9-447-211	410-25906-1	DF	N	1,2-Dibromoethane	J	Continuing Calibration Verification
KAFB-106S10-443	GWS10-443-211	410-26694-1	LF	N	Lead	U	Equipment Blank[a]
KAFB-106S10-443	GWS10-443-211	410-26694-1	LF	N	Dichlorodifluoromethane	UJ	Continuing Calibration Verification

[a] The limit of detection was raised to the limit of quantitation

DF = diffusion bag sampler

FD = Field duplicate

ID = identification

LF = low flow sampling

MS/MSD = matrix spike/matrix spike duplicate

N = normal field sample

Q1 = first quarter

RPD = relative percent difference

Data Qualifiers:

J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.

U = Qualifier denotes the analyte was analyzed for but was not detected above the detection limit.

Table D-2-4
Field Quality Control Sample Results, Q1 2021

		Field Sample ID:	ER211-01			ER211-02			SWB211-01			SWB211-02			TB211-01			TB211-02		
		Sample Date:	1/11/2021			1/15/2021			1/14/2021			1/14/2021			1/4/2021			1/4/2021		
		Sample Type:	EB			EB			SWB			SWB			TB			TB		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	ND	U	0.019	ND	U	0.019	ND	UJ	0.019	ND	UJ	0.019	ND	U	0.019	ND	UJ	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-Tetrachloroethane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		1,1,1-Trichloroethane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		1,1,2,2-Tetrachloroethane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		1,1,2-Trichloroethane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		1,1-Dichloroethane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		1,1-Dichloroethene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		1,1-Dichloropropene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,3-Trichlorobenzene	—	—	—	ND	U	1.0	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,3-Trichloropropane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,4-Trichlorobenzene	—	—	—	ND	U	1.0	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,4-Trimethylbenzene	—	—	—	ND	U	2.0	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dibromo-3-chloropropane	—	—	—	ND	U	1.0	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dibromoethane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dichlorobenzene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dichloroethane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dichloropropane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		1,3,5-Trimethylbenzene	—	—	—	ND	U	1.0	—	—	—	—	—	—	—	—	—	—	—	—
		1,3-Dichlorobenzene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		1,3-Dichloropropane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		1,4-Dichlorobenzene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		2,2-Dichloropropane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		2-Butanone	—	—	—	ND	U	1.0	—	—	—	—	—	—	—	—	—	—	—	—
		2-Chlorotoluene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		2-Hexanone	—	—	—	ND	U	1.0	—	—	—	—	—	—	—	—	—	—	—	—
		4-Chlorotoluene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		4-Isopropyltoluene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		4-Methyl-2-pentanone	—	—	—	ND	U	1.0	—	—	—	—	—	—	—	—	—	—	—	—
		Acetone	—	—	—	ND	U	2.0	—	—	—	—	—	—	—	—	—	—	—	—
		Acrolein	—	—	—	ND	U	5.0	—	—	—	—	—	—	—	—	—	—	—	—
		Acrylonitrile	—	—	—	ND	U	1.0	—	—	—	—	—	—	—	—	—	—	—	—
		Benzene	ND	U	0.50	ND	U	0.50	ND	U	0.50	ND	U	0.50	—	—	—	—	—	—
		Bromobenzene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Bromochloromethane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Bromodichloromethane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Bromoform	—	—	—	ND	U	2.0	—	—	—	—	—	—	—	—	—	—	—	—
		Bromomethane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Carbon disulfide	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Carbon tetrachloride	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Chlorobenzene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Chloroethane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Chloroform	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Chloromethane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Cis-1,2-Dichloroethene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Cis-1,3-dichloropropene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Dibromochloromethane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Dibromomethane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Dichlorodifluoromethane	—	—	—	ND	UJ	0.50	—	—	—	—	—	—	—	—	—	—	—	—

Table D-2-4
Field Quality Control Sample Results, Q1 2021

		Field Sample ID:	ER211-01			ER211-02			SWB211-01			SWB211-02			TB211-01			TB211-02		
		Sample Date:	1/11/2021			1/15/2021			1/14/2021			1/14/2021			1/4/2021			1/4/2021		
		Sample Type:	EB			EB			SWB			SWB			TB			TB		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs	Method SW8260C (µg/L)	Ethylbenzene	ND	U	0.80	ND	U	0.80	ND	U	0.80	ND	U	0.80	—	—	—	—	—	—
		Hexachloro-1,3-butadiene	—	—	—	ND	U	4.0	—	—	—	—	—	—	—	—	—	—	—	—
		Isopropylbenzene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		m- & p-Xylenes	—	—	—	ND	U	2.0	—	—	—	—	—	—	—	—	—	—	—	—
		Methyl tert-butyl ether	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Methylene chloride	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Naphthalene	—	—	—	ND	U	2.0	—	—	—	—	—	—	—	—	—	—	—	—
		n-Butylbenzene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		n-Propylbenzene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		o-Xylene	—	—	—	ND	U	0.80	—	—	—	—	—	—	—	—	—	—	—	—
		sec-Butylbenzene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Styrene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		tert-Butylbenzene	—	—	—	ND	U	1.0	—	—	—	—	—	—	—	—	—	—	—	—
		Tetrachloroethene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Toluene	ND	U	0.50	0.96	J	0.50	ND	U	0.50	ND	U	0.50	—	—	—	—	—	—
		Trans-1,2-Dichloroethene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Trans-1,3-dichloropropene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Trichloroethene	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Trichlorofluoromethane	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Vinyl acetate	—	—	—	ND	U	2.0	—	—	—	—	—	—	—	—	—	—	—	—
		Vinyl chloride	—	—	—	ND	U	0.50	—	—	—	—	—	—	—	—	—	—	—	—
		Xylenes, total	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8	—	—	—	—	—	—
TPH	Method SW8015 (µg/L)	TPH-DRO (C10-C28)	—	—	—	55	J	91	—	—	—	—	—	—	—	—	—	—	—	—
		TPH-GRO (C6-C10)	—	—	—	ND	U	40	—	—	—	—	—	—	—	—	—	—	—	—
Metals	Method SW6010C (mg/L)	Calcium	0.19	J	0.15	0.21	--	0.15	ND	U	0.15	ND	U	0.15	—	—	—	—	—	—
		Iron	—	—	—	—	—	—	ND	U	0.10	ND	U	0.10	—	—	—	—	—	—
		Magnesium	ND	U	0.075	ND	U	0.075	ND	U	0.075	ND	U	0.075	—	—	—	—	—	—
		Manganese	—	—	—	—	—	—	ND	U	0.0050	ND	U	0.0050	—	—	—	—	—	—
		Potassium	ND	U	0.45	ND	U	0.45	0.22	J	0.45	ND	U	0.45	—	—	—	—	—	—
		Sodium	ND	U	0.50	0.44	J	0.50	ND	U	0.50	ND	U	0.50	—	—	—	—	—	—
	Method SW6020A (mg/L)	Arsenic	ND	U	0.0016	ND	U	0.0016	ND	U	0.0016	ND	U	0.0016	—	—	—	—	—	—
		Lead	0.000091	J	0.00025	0.00014	J	0.00025	ND	U	0.00025	ND	U	0.00025	—	—	—	—	—	—

Table D-2-4
Field Quality Control Sample Results, Q1 2021

		Field Sample ID:	TB211-03			TB211-04			TB211-05			TB211-06			TB211-07			TB211-08		
		Sample Date:	1/4/2021			1/4/2021			1/5/2021			1/5/2021			1/5/2021			1/5/2021		
		Sample Type:	TB			TB			TB			TB			TB			TB		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	UJ	0.019	ND	UJ	0.019	ND	UJ	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-Tetrachloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1,1-Trichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1,2,2-Tetrachloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1,2-Trichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1-Dichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1-Dichloropropene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,3-Trichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,3-Trichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,4-Trichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,4-Trimethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dibromo-3-chloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dibromoethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,3,5-Trimethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,3-Dichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,3-Dichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,4-Dichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		2,2-Dichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		2-Butanone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		2-Chlorotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		2-Hexanone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		4-Chlorotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		4-Isopropyltoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		4-Methyl-2-pentanone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Acetone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Acrolein	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Acrylonitrile	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Benzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Bromobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Bromochloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Bromodichloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Bromoform	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Bromomethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Carbon disulfide	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Carbon tetrachloride	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Chlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Chloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Chloroform	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Chloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Cis-1,2-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Cis-1,3-dichloropropene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Dibromochloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Dibromomethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Dichlorodifluoromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table D-2-4
Field Quality Control Sample Results, Q1 2021

		Field Sample ID:	TB211-03			TB211-04			TB211-05			TB211-06			TB211-07			TB211-08		
		Sample Date:	1/4/2021			1/4/2021			1/5/2021			1/5/2021			1/5/2021			1/5/2021		
		Sample Type:	TB			TB			TB			TB			TB			TB		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs	Method SW8260C (µg/L)	Ethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Hexachloro-1,3-butadiene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Isopropylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		m- & p-Xylenes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Methyl tert-butyl ether	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Methylene chloride	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Naphthalene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		n-Butylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		n-Propylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		o-Xylene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		sec-Butylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Styrene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		tert-Butylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Tetrachloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Toluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Trans-1,2-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Trans-1,3-dichloropropene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Trichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Trichlorofluoromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Vinyl acetate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Vinyl chloride	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Xylenes, total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TPH	Method SW8015 (µg/L)	TPH-DRO (C10-C28)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		TPH-GRO (C6-C10)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Metals	Method SW6010C (mg/L)	Calcium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Iron	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Magnesium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Manganese	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Potassium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Sodium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Method SW6020A (mg/L)	Arsenic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Lead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table D-2-4
Field Quality Control Sample Results, Q1 2021

		Field Sample ID:	TB211-09			TB211-10			TB211-11			TB211-12			TB211-13			TB211-14		
		Sample Date:	1/5/2021			1/6/2021			1/6/2021			1/6/2021			1/6/2021			1/7/2021		
		Sample Type:	TB			TB			TB			TB			TB			TB		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	ND	UJ	0.019	ND	U	0.019	ND	U	0.019	ND	UJ	0.019	ND	UJ	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-Tetrachloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1,1-Trichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1,2,2-Tetrachloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1,2-Trichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1-Dichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1-Dichloropropene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,3-Trichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,3-Trichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,4-Trichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,4-Trimethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dibromo-3-chloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dibromoethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,3,5-Trimethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,3-Dichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,3-Dichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,4-Dichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		2,2-Dichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		2-Butanone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		2-Chlorotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		2-Hexanone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		4-Chlorotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		4-Isopropyltoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		4-Methyl-2-pentanone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Acetone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Acrolein	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Acrylonitrile	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Benzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	ND	U	0.50
		Bromobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Bromochloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Bromodichloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Bromoform	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Bromomethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Carbon disulfide	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Carbon tetrachloride	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Chlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Chloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Chloroform	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Chloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Cis-1,2-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Cis-1,3-dichloropropene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Dibromochloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Dibromomethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Dichlorodifluoromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table D-2-4
Field Quality Control Sample Results, Q1 2021

Field Sample ID:			TB211-09			TB211-10			TB211-11			TB211-12			TB211-13			TB211-14		
Sample Date:			1/5/2021			1/6/2021			1/6/2021			1/6/2021			1/6/2021			1/7/2021		
Sample Type:			TB			TB			TB			TB			TB			TB		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs	Method SW8260C (µg/L)	Ethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	ND	U	0.80
		Hexachloro-1,3-butadiene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Isopropylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		m- & p-Xylenes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Methyl tert-butyl ether	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Methylene chloride	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Naphthalene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		n-Butylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		n-Propylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		o-Xylene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		sec-Butylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Styrene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		tert-Butylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Tetrachloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Toluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	ND	U	0.50
		Trans-1,2-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Trans-1,3-dichloropropene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Trichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Trichlorofluoromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Vinyl acetate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Vinyl chloride	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Xylenes, total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	ND	U	2.8
TPH	Method SW8015 (µg/L)	TPH-DRO (C10-C28)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		TPH-GRO (C6-C10)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Metals	Method SW6010C (mg/L)	Calcium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Iron	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Magnesium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Manganese	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Potassium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Sodium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Method SW6020A (mg/L)	Arsenic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Lead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table D-2-4
Field Quality Control Sample Results, Q1 2021

		Field Sample ID:	TB211-15			TB211-16			TB211-17			TB211-18			TB211-19			TB211-20		
		Sample Date:	1/7/2021			1/7/2021			1/7/2021			1/7/2021			1/7/2021			1/8/2021		
		Sample Type:	TB			TB			TB			TB			TB			TB		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	UJ	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-Tetrachloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1,1-Trichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1,2,2-Tetrachloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1,2-Trichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1-Dichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1-Dichloropropene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,3-Trichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,3-Trichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,4-Trichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,4-Trimethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dibromo-3-chloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dibromoethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,3,5-Trimethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,3-Dichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,3-Dichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,4-Dichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		2,2-Dichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		2-Butanone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		2-Chlorotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		2-Hexanone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		4-Chlorotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		4-Isopropyltoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		4-Methyl-2-pentanone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Acetone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Acrolein	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Acrylonitrile	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Benzene	ND	U	0.50	ND	U	0.50	—	—	—	—	—	—	ND	U	0.50	ND	U	0.50
		Bromobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Bromochloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Bromodichloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Bromoform	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Bromomethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Carbon disulfide	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Carbon tetrachloride	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Chlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Chloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Chloroform	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Chloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Cis-1,2-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Cis-1,3-dichloropropene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Dibromochloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Dibromomethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Dichlorodifluoromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table D-2-4
Field Quality Control Sample Results, Q1 2021

Field Sample ID:			TB211-15			TB211-16			TB211-17			TB211-18			TB211-19			TB211-20		
Sample Date:			1/7/2021			1/7/2021			1/7/2021			1/7/2021			1/7/2021			1/8/2021		
Sample Type:			TB			TB			TB			TB			TB			TB		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs	Method SW8260C (µg/L)	Ethylbenzene	ND	U	0.80	ND	U	0.80	—	—	—	—	—	—	ND	U	0.80	ND	U	0.80
		Hexachloro-1,3-butadiene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Isopropylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		m- & p-Xylenes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Methyl tert-butyl ether	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Methylene chloride	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Naphthalene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		n-Butylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		n-Propylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		o-Xylene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		sec-Butylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Styrene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		tert-Butylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Tetrachloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Toluene	ND	U	0.50	ND	U	0.50	—	—	—	—	—	—	ND	U	0.50	ND	U	0.50
		Trans-1,2-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Trans-1,3-dichloropropene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Trichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Trichlorofluoromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Vinyl acetate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Vinyl chloride	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Xylenes, total	ND	U	2.8	ND	U	2.8	—	—	—	—	—	—	ND	U	2.8	ND	U	2.8
TPH	Method SW8015 (µg/L)	TPH-DRO (C10-C28)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		TPH-GRO (C6-C10)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Metals	Method SW6010C (mg/L)	Calcium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Iron	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Magnesium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Manganese	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Potassium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Sodium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Method SW6020A (mg/L)	Arsenic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Lead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table D-2-4
Field Quality Control Sample Results, Q1 2021

		Field Sample ID:	TB211-21			TB211-22			TB211-23			TB211-24			TB211-25			TB211-26		
		Sample Date:	1/8/2021			1/11/2021			1/11/2021			1/12/2021			1/13/2021			1/13/2021		
		Sample Type:	TB			TB			TB			TB			TB			TB		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	ND	UJ	0.019	ND	U	0.019	ND	U	0.019	ND	UJ	0.019	ND	U	0.019	ND	UJ	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-Tetrachloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1,1-Trichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1,2,2-Tetrachloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1,2-Trichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1-Dichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,1-Dichloropropene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,3-Trichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,3-Trichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,4-Trichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2,4-Trimethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dibromo-3-chloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dibromoethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,2-Dichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,3,5-Trimethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,3-Dichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,3-Dichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1,4-Dichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		2,2-Dichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		2-Butanone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		2-Chlorotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		2-Hexanone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		4-Chlorotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		4-Isopropyltoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		4-Methyl-2-pentanone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Acetone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Acrolein	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Acrylonitrile	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Benzene	ND	U	0.50	ND	U	0.50	ND	U	0.50	ND	U	0.50	ND	U	0.50	ND	U	0.50
		Bromobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Bromochloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Bromodichloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Bromoform	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Bromomethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Carbon disulfide	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Carbon tetrachloride	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Chlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Chloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Chloroform	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Chloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Cis-1,2-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Cis-1,3-dichloropropene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Dibromochloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Dibromomethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Dichlorodifluoromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table D-2-4
Field Quality Control Sample Results, Q1 2021

		Field Sample ID:	TB211-21			TB211-22			TB211-23			TB211-24			TB211-25			TB211-26		
		Sample Date:	1/8/2021			1/11/2021			1/11/2021			1/12/2021			1/13/2021			1/13/2021		
		Sample Type:	TB			TB			TB			TB			TB			TB		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs	Method SW8260C (µg/L)	Ethylbenzene	ND	U	0.80	ND	U	0.80	ND	U	0.80	ND	U	0.80	ND	U	0.80	ND	U	0.80
		Hexachloro-1,3-butadiene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Isopropylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		m- & p-Xylenes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Methyl tert-butyl ether	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Methylene chloride	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Naphthalene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		n-Butylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		n-Propylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		o-Xylene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		sec-Butylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Styrene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		tert-Butylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Tetrachloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Toluene	ND	U	0.50	ND	U	0.50	ND	U	0.50	ND	U	0.50	ND	U	0.50	ND	U	0.50
		Trans-1,2-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Trans-1,3-dichloropropene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Trichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Trichlorofluoromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Vinyl acetate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Vinyl chloride	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Xylenes, total	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8
TPH	Method SW8015 (µg/L)	TPH-DRO (C10-C28)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		TPH-GRO (C6-C10)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Metals	Method SW6010C (mg/L)	Calcium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Iron	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Magnesium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Manganese	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Potassium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Sodium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Method SW6020A (mg/L)	Arsenic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Lead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table D-2-4
Field Quality Control Sample Results, Q1 2021

		Field Sample ID:	TB211-27			TB211-28			TB211-29		
		Sample Date:	1/14/2021			1/15/2021			1/15/2021		
		Sample Type:	TB			TB			TB		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	ND	UJ	0.019	ND	U	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-Tetrachloroethane	—	—	—	—	—	—	ND	U	0.50
		1,1,1-Trichloroethane	—	—	—	—	—	—	ND	U	0.50
		1,1,2,2-Tetrachloroethane	—	—	—	—	—	—	ND	U	0.50
		1,1,2-Trichloroethane	—	—	—	—	—	—	ND	U	0.50
		1,1-Dichloroethane	—	—	—	—	—	—	ND	U	0.50
		1,1-Dichloroethene	—	—	—	—	—	—	ND	U	0.50
		1,1-Dichloropropene	—	—	—	—	—	—	ND	U	0.50
		1,2,3-Trichlorobenzene	—	—	—	—	—	—	ND	U	1.0
		1,2,3-Trichloropropane	—	—	—	—	—	—	ND	U	0.50
		1,2,4-Trichlorobenzene	—	—	—	—	—	—	ND	U	1.0
		1,2,4-Trimethylbenzene	—	—	—	—	—	—	ND	U	2.0
		1,2-Dibromo-3-chloropropane	—	—	—	—	—	—	ND	U	1.0
		1,2-Dibromoethane	—	—	—	—	—	—	ND	U	0.50
		1,2-Dichlorobenzene	—	—	—	—	—	—	ND	U	0.50
		1,2-Dichloroethane	—	—	—	—	—	—	ND	U	0.50
		1,2-Dichloropropane	—	—	—	—	—	—	ND	U	0.50
		1,3,5-Trimethylbenzene	—	—	—	—	—	—	ND	U	1.0
		1,3-Dichlorobenzene	—	—	—	—	—	—	ND	U	0.50
		1,3-Dichloropropane	—	—	—	—	—	—	ND	U	0.50
		1,4-Dichlorobenzene	—	—	—	—	—	—	ND	U	0.50
		2,2-Dichloropropane	—	—	—	—	—	—	ND	U	0.50
		2-Butanone	—	—	—	—	—	—	ND	U	1.0
		2-Chlorotoluene	—	—	—	—	—	—	ND	U	0.50
		2-Hexanone	—	—	—	—	—	—	ND	U	1.0
		4-Chlorotoluene	—	—	—	—	—	—	ND	U	0.50
		4-Isopropyltoluene	—	—	—	—	—	—	ND	U	0.50
		4-Methyl-2-pentanone	—	—	—	—	—	—	ND	U	1.0
		Acetone	—	—	—	—	—	—	ND	U	2.0
		Acrolein	—	—	—	—	—	—	ND	U	5.0
		Acrylonitrile	—	—	—	—	—	—	ND	U	1.0
		Benzene	ND	U	0.50	ND	U	0.50	ND	U	0.50
		Bromobenzene	—	—	—	—	—	—	ND	U	0.50
		Bromochloromethane	—	—	—	—	—	—	ND	U	0.50
		Bromodichloromethane	—	—	—	—	—	—	ND	U	0.50
		Bromoform	—	—	—	—	—	—	ND	U	2.0
		Bromomethane	—	—	—	—	—	—	ND	U	0.50
		Carbon disulfide	—	—	—	—	—	—	ND	U	0.50
		Carbon tetrachloride	—	—	—	—	—	—	ND	U	0.50
		Chlorobenzene	—	—	—	—	—	—	ND	U	0.50
		Chloroethane	—	—	—	—	—	—	ND	U	0.50
		Chloroform	—	—	—	—	—	—	ND	U	0.50
		Chloromethane	—	—	—	—	—	—	ND	U	0.50
		Cis-1,2-Dichloroethene	—	—	—	—	—	—	ND	U	0.50
		Cis-1,3-dichloropropene	—	—	—	—	—	—	ND	U	0.50
		Dibromochloromethane	—	—	—	—	—	—	ND	U	0.50
		Dibromomethane	—	—	—	—	—	—	ND	U	0.50
		Dichlorodifluoromethane	—	—	—	—	—	—	ND	UJ	0.50

Table D-2-4
Field Quality Control Sample Results, Q1 2021

		Field Sample ID:	TB211-27			TB211-28			TB211-29		
		Sample Date:	1/14/2021			1/15/2021			1/15/2021		
		Sample Type:	TB			TB			TB		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs	Method SW8260C (µg/L)	Ethylbenzene	ND	U	0.80	ND	U	0.80	ND	U	0.80
		Hexachloro-1,3-butadiene	—	—	—	—	—	—	ND	U	4.0
		Isopropylbenzene	—	—	—	—	—	—	ND	U	0.50
		m- & p-Xylenes	—	—	—	—	—	—	ND	U	2.0
		Methyl tert-butyl ether	—	—	—	—	—	—	ND	U	0.50
		Methylene chloride	—	—	—	—	—	—	ND	U	0.50
		Naphthalene	—	—	—	—	—	—	ND	U	2.0
		n-Butylbenzene	—	—	—	—	—	—	ND	U	0.50
		n-Propylbenzene	—	—	—	—	—	—	ND	U	0.50
		o-Xylene	—	—	—	—	—	—	ND	U	0.80
		sec-Butylbenzene	—	—	—	—	—	—	ND	U	0.50
		Styrene	—	—	—	—	—	—	ND	U	0.50
		tert-Butylbenzene	—	—	—	—	—	—	ND	U	1.0
		Tetrachloroethene	—	—	—	—	—	—	ND	U	0.50
		Toluene	ND	U	0.50	ND	U	0.50	ND	U	0.50
		Trans-1,2-Dichloroethene	—	—	—	—	—	—	ND	U	0.50
		Trans-1,3-dichloropropene	—	—	—	—	—	—	ND	U	0.50
		Trichloroethene	—	—	—	—	—	—	ND	U	0.50
		Trichlorofluoromethane	—	—	—	—	—	—	ND	U	0.50
		Vinyl acetate	—	—	—	—	—	—	ND	U	2.0
		Vinyl chloride	—	—	—	—	—	—	ND	U	0.50
		Xylenes, total	ND	U	2.8	ND	U	2.8	ND	U	2.8
TPH	Method SW8015 (µg/L)	TPH-DRO (C10-C28)	—	—	—	—	—	—	—	—	—
		TPH-GRO (C6-C10)	—	—	—	—	—	—	ND	U	40
Metals	Method SW6010C (mg/L)	Calcium	—	—	—	—	—	—	—	—	—
		Iron	—	—	—	—	—	—	—	—	—
		Magnesium	—	—	—	—	—	—	—	—	—
		Manganese	—	—	—	—	—	—	—	—	—
		Potassium	—	—	—	—	—	—	—	—	—
		Sodium	—	—	—	—	—	—	—	—	—
	Method SW6020A (mg/L)	Arsenic	—	—	—	—	—	—	—	—	—
		Lead	—	—	—	—	—	—	—	—	—

Table D-2-4
Field Quality Control Sample Results, Q1 2021

µg/L = microgram per liter.
— = Compound not analyzed for.
EB = equipment rinse blank
EDB = 1,2-dibromoethane (ethylene dibromide)
ID = identification
LOD = limit of detection
mg/L = milligram per liter
ND = not detected above the detection limit
Q1 = first quarter
SWB = source water blank
TB = trip blank
TPH-DRO = Total Petroleum Hydrocarbons – Diesel Range Organics
TPH-GRO = Total Petroleum Hydrocarbons – Gasoline Range Organics
Val Qual = validation qualifier
VOC = volatile organic compound
Shading = analyte was detected
Qualifiers:
Val Qual based on independent data validation.
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected above the detection limit. The value associated with the U-qualifier is the LOD.
-- = Validation qualifier not assigned.

Table D-2-5
Field Duplicate Sample Results, Q1 2021

			Well Location ID:				KAFB-106005			KAFB-106005			KAFB-106009			KAFB-106009		
			Field Sample ID:				GW005-211			GW005-611			GW009-211			GW009-611		
			Sample Date:				1/15/2021			1/15/2021			1/11/2021			1/11/2021		
			Sample Type:				REG			Field Duplicate			REG			Field Duplicate		
			Sample Depth (ft bgs):				483.87			482.57			484.39			484.39		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857			4857		
Parameter	**Analytical Method**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	**0.99**	--	0.096	**0.84**	--	0.096	**0.086**	--	0.019	**0.087**	--	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	**700**	--	5.0	**680**	--	5.0	3.3	--	0.50	3.4	--	0.50
		Ethylbenzene	700	700	15	700	170	--	0.80	170	--	0.80	ND	U	0.80	ND	U	0.80
		Toluene	1,000	1,000	1,100	1,000	710	--	5.0	710	--	5.0	ND	U	0.50	ND	U	0.50
		Xylenes, total	620	10,000	190	620	620	--	2.8	**650**	--	2.8	ND	U	2.8	ND	U	2.8
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	150	--	0.15	150	--	0.15	140	--	0.15	140	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	0.043	J	0.10	0.061	J	0.10	0.32	--	0.10	0.28	J	0.10
		Magnesium	NS	NS	NS	NS	26	--	0.075	26	--	0.075	22	--	0.075	22	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	**1.9**	--	0.0052	**2.0**	--	0.0052	**0.93**	--	0.0052	**0.93**	J	0.0052
		Potassium	NS	NS	NS	NS	3.8	--	0.45	3.8	--	0.45	4.1	--	0.45	4.1	--	0.45
		Sodium	NS	NS	NS	NS	70	--	0.50	69	--	0.50	51	--	0.50	50	--	0.50
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0014	J	0.0016	0.0014	J	0.0016	ND	U	0.0016	ND	U	0.0016
		Lead	0.015	0.015	0.015	0.015	0.00028	J	0.00025	0.00024	J	0.00025	ND	U	0.00050	ND	U	0.00025
Anions	Method E300.0 (mg/L)	Bromide	NS	NS	NS	NS	4.1	--	2.0	3.7	--	2.0	4.6	J	2.0	3.0	J	2.0
		Chloride	250	NS	NS	250	180	--	15	190	--	15	120	--	15	130	--	15
		Sulfate	600	NS	NS	600	9.8	--	4.5	9.5	--	4.5	200	--	45	200	--	45
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10[e]	10[e]	NS	10[e]	ND	U	0.090	ND	U	0.090	0.98	--	0.18	0.93	--	0.18
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	370	--	6.0	370	--	6.0	180	--	6.0	180	--	6.0
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6.0	ND	U	6.0	ND	U	6.0	ND	U	6.0
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	370	--	6.0	370	--	6.0	180	--	6.0	180	--	6.0

Table D-2-5
Field Duplicate Sample Results, Q1 2021

			Well L	KAFB-106101			KAFB-106101			KAFB-106204			KAFB-106204		
			Field	GW101-211			GW101-611			GW204-211			GW204-611		
			Sa	1/13/2021			1/13/2021			1/4/2021			1/4/2021		
			Sa	REG			Field Duplicate			REG			Field Duplicate		
			Sample De	500.8			500.8			463.7			463.7		
			Reference Elevation Interva	4838			4838			4857			4857		
Parameter	**Analytical Method**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	ND	UJ	0.019	ND	UJ	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	ND	U	0.50	ND	U	0.50	—	—	—	—	—	—
		Ethylbenzene	700	700	15	ND	U	0.80	ND	U	0.80	—	—	—	—	—	—
		Toluene	1,000	1,000	1,100	ND	U	0.50	ND	U	0.50	—	—	—	—	—	—
		Xylenes, total	620	10,000	190	ND	U	2.8	ND	U	2.8	—	—	—	—	—	—
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
		Iron, dissolved	1.0	NS	14	—	—	—	—	—	—	—	—	—	—	—	—
		Magnesium	NS	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
		Manganese, dissolved	0.2	NS	0.43	—	—	—	—	—	—	—	—	—	—	—	—
		Potassium	NS	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
		Sodium	NS	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	—	—	—	—	—	—	—	—	—	—	—	—
		Lead	0.015	0.015	0.015	—	—	—	—	—	—	—	—	—	—	—	—
Anions	Method E300.0 (mg/L)	Bromide	NS	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
		Chloride	250	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
		Sulfate	600	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10[e]	10[e]	NS	—	—	—	—	—	—	—	—	—	—	—	—
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—

Table D-2-5
Field Duplicate Sample Results, Q1 2021

			Well L	KAFB-106218			KAFB-106218			KAFB-106236-436			KAFB-106236-436		
			Field	GW218-211			GW218-611			GW236-436-211			GW236-436-611		
			Sa	1/4/2021			1/4/2021			1/5/2021			1/5/2021		
			Sa	REG			Field Duplicate			REG			Field Duplicate		
			Sample De	552.7			552.7			441.9			441.9		
			Reference Elevation Interva	4814			4814			4857			4857		
Parameter	**Analytical Method**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	ND	U	0.019	ND	U	0.019	ND	UJ	0.019	ND	UJ	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	—	—	—	—	—	—	—	—	—	—	—	—
		Ethylbenzene	700	700	15	—	—	—	—	—	—	—	—	—	—	—	—
		Toluene	1,000	1,000	1,100	—	—	—	—	—	—	—	—	—	—	—	—
		Xylenes, total	620	10,000	190	—	—	—	—	—	—	—	—	—	—	—	—
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
		Iron, dissolved	1.0	NS	14	—	—	—	—	—	—	—	—	—	—	—	—
		Magnesium	NS	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
		Manganese, dissolved	0.2	NS	0.43	—	—	—	—	—	—	—	—	—	—	—	—
		Potassium	NS	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
		Sodium	NS	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	—	—	—	—	—	—	—	—	—	—	—	—
		Lead	0.015	0.015	0.015	—	—	—	—	—	—	—	—	—	—	—	—
Anions	Method E300.0 (mg/L)	Bromide	NS	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
		Chloride	250	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
		Sulfate	600	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10[e]	10[e]	NS	—	—	—	—	—	—	—	—	—	—	—	—
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	—	—	—	—	—	—	—	—	—	—	—	—

Table D-2-5
Field Duplicate Sample Results, Q1 2021

			Well L	KAFB-106241-428			KAFB-106241-428			KAFB-106247-450			KAFB-106247-450		
			Field	GW241-428-211			GW241-428-611			GW247-450-211			GW247-450-611		
			Sa	1/6/2021			1/6/2021			1/7/2021			1/7/2021		
			Sa	REG			Field Duplicate			REG			Field Duplicate		
			Sample De	452.1			452.1			476.7			476.7		
			Reference Elevation Interva	4857			4857			4857			4857		
Parameter	**Analytical Method**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.029	J	0.019	0.030	J	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	—	—	—	—	—	—	ND	U	0.50	ND	U	0.50
		Ethylbenzene	700	700	15	—	—	—	—	—	—	ND	U	0.80	ND	U	0.80
		Toluene	1,000	1,000	1,100	—	—	—	—	—	—	ND	U	0.50	ND	U	0.50
		Xylenes, total	620	10,000	190	—	—	—	—	—	—	ND	U	2.8	ND	U	2.8
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	49	--	0.15	48	--	0.15	48	--	0.15	51	--	0.15
		Iron, dissolved	1.0	NS	14	ND	U	0.10	ND	U	0.10	ND	U	0.10	ND	U	0.10
		Magnesium	NS	NS	NS	7.0	--	0.075	6.8	--	0.075	7.0	--	0.075	7.3	--	0.075
		Manganese, dissolved	0.2	NS	0.43	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	2.7	--	0.45	2.7	--	0.45	2.4	--	0.45	2.5	--	0.45
		Sodium	NS	NS	NS	27	--	0.50	26	--	0.50	26	--	0.50	27	--	0.50
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.00090	J	0.0016	0.00098	J	0.0016	ND	U	0.0016	ND	U	0.0016
		Lead	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0 (mg/L)	Bromide	NS	NS	NS	ND	U	2.5	ND	U	2.5	ND	U	2.0	ND	U	2.0
		Chloride	250	NS	NS	28	J	6.0	29	J	6.0	12	J	1.5	11	J	1.5
		Sulfate	600	NS	NS	43	J	4.5	44	--	4.5	33	--	4.5	29	--	4.5
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10[e]	10[e]	NS	0.076	J	0.090	0.32	--	0.090	0.68	--	0.090	0.59	--	0.090
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	160	--	6.0	120	--	6.0	160	--	6.0	150	--	6.0
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	ND	U	6.0	ND	U	6.0	ND	U	6.0	ND	U	6.0
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	160	--	6.0	120	--	6.0	160	--	6.0	150	--	6.0

Table D-2-5
Field Duplicate Sample Results, Q1 2021

[a] NM WQCC numeric standards per the NMAC Title 20.6.2.3101A, Standards for Ground Water of 10,000 mg/L Total Dissolved Solids Concentration or Less (NMAC 2018). For metals, the NM WQCC numeric standard applies to dissolved metals.

[b] EPA National Primary Drinking Water Regulations, MCLs and Secondary MCLs, Title 40CFR Part 141, 143 (May 2018).

[c] EPA Region 6 RSL for Tapwater (November 2020) for hazard index = 1.0 for noncarcinogens and a 10-5 cancer risk level for carcinogens.

[d] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NM WQCC numeric standard or (2) EPA MCL. If no NM WQCC standard or MCL exists for any analyte, then the project screening level will be the EPA RSL.

[e] Based on the geochemical equilibrium of the site groundwater and previous site data analyses, nitrate/nitrite results represent nitrate concentrations.

— = Compound not analyzed for.
µg/L = microgram per liter
AFB = Air Force Base
AMSL = above mean sea level
BFF = Bulk Fuels Facility
bgs = below ground surface
$CaCO_3$ = calcium carbonate
CFR = Code of Federal Regulations
EDB = 1,2-dibromoethane (ethylene dibromide)
EPA = U.S. Environmental Protection Agency
ft = foot/feet
ID = identification
LOD = limit of detection
MCL = maximum contaminant level
mg/L = milligram per liter
ND = not detected
NM = New Mexico
NMAC = New Mexico Administrative Code
NS = not specified
Q1 = first quarter
REG = normal field sample
RSL = regional screening level
SWMU = Solid Waste Management Unit
Val Qual = validation qualifier
VOC = volatile organic compound
WQCC = Water Quality Control Commission
Shading = analyte was detected
Bold/Shading = reported concentrations exceed the project screening level
Val Quals based on independent data validation
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected above the detection limit. The value associated with the U-qualifier is the LOD.
-- = Validation qualifier not assigned.

Table D-2-6
Qualified Sample Results Above Project Screening Levels, Q1 2021

Well Location ID	Field Sample ID	Sample Date	Sample Type	Analytical Method	Analyte	Result	LOD	Unit	Val Qual	Validation Reason Code	Project Screening Level [a]
KAFB-106041	GW041-211	1/6/2021	N	SW8011	1,2-Dibromoethane	0.098	0.0096	µg/L	J	CCV	0.05
KAFB-106152-484	GW152-484-211	1/8/2021	N	SW8011	1,2-Dibromoethane	0.12	0.0096	µg/L	J	CCV	0.05
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	SW8011	1,2-Dibromoethane	1.7	0.096	µg/L	J	CCV	0.05
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	SW8011	1,2-Dibromoethane	11	0.48	µg/L	J	CCV	0.05
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	SW8011	1,2-Dibromoethane	10	0.48	µg/L	J	CCV	0.05
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	SW8011	1,2-Dibromoethane	3.1	0.19	µg/L	J	CCV	0.05
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	SW6010C	Manganese	2.9	0.0031	mg/L	J	LCS	0.2
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	SW6010C	Manganese	7.0	0.0031	mg/L	J	LCS	0.2
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	SW6010C	Manganese	6.0	0.0031	mg/L	J	LCS	0.2

[a] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit No. NM9570024423 as the lowest of (1) NM WQCC standard or (2) EPA MCL. If no MCL or NM WQCC standard exists for any analyte, then the project screening level will be the EPA Tapwater RSL.

µg/L = microgram per liter

AFB = Air Force Base

CCV = continuing calibration verification

EPA = U.S. Environmental Protection Agency

ID = identification

LCS = laboratory control spike

LOD = limit of detection

MCL = maximum contamination level

mg/L = milligram per liter

N = Field sample

NM = New Mexico

Q1 = first quarter

RSL = regional screening level

WQCC = Water Quality Control Commission

Qualifiers:

Val Quals based on independent data validation

J = Denotes the analyte was positively identified, but the associated numerical value is estimated.

Table D-2-7
Groundwater Results with LOQ/PQL Exceeding the Project Screening Level, Q1 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DIa	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106005	GW005-211	1/15/2021	N	410-26694-1	SW8011	5	1,2-Dibromoethane	0.99	µg/L	--	0.048	0.096	0.14	0.05
KAFB-106005	GW005-211	1/15/2021	N	410-26694-1	SW8260C	10	Benzene	700	µg/L	--	2.0	5.0	10	5
KAFB-106005	GW005-611	1/15/2021	FD	410-26694-1	SW8011	5	1,2-Dibromoethane	0.84	µg/L	--	0.048	0.096	0.14	0.05
KAFB-106005	GW005-611	1/15/2021	FD	410-26694-1	SW8260C	10	Benzene	680	µg/L	--	2.0	5.0	10	5
KAFB-106153-484	GW153-484-211	1/7/2021	N	410-25765-1	SW8011	200	1,2-Dibromoethane	27	µg/L	--	1.9	3.8	5.8	0.05
KAFB-106149-484	GW149-484-211	1/7/2021	N	410-25765-1	SW8011	1000	1,2-Dibromoethane	120	µg/L	--	9.6	19	29	0.05
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	410-26694-1	SW8011	2000	1,2-Dibromoethane	200	µg/L	--	19	39	58	0.05
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	410-26694-1	SW8015M	25	TPH-GRO (C6-C10)	62000	µg/L	--	580	1000	1300	550
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	410-26694-1	SW8260C	5	Cis-1,3-dichloropropene	< 2.5	µg/L	U	1.0	2.5	5	4.7
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	410-26694-1	SW8260C	5	Trans-1,3-dichloropropene	< 2.5	µg/L	U	1.0	2.5	5	4.7
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	410-26694-1	SW8260C	5	1,2-Dibromoethane	170	µg/L	--	1.0	2.5	5	0.05
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	410-26694-1	SW8260C	5	Acrolein	< 25	µg/L	U	15	25	500	100
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	410-26694-1	SW8260C	5	Acrylonitrile	< 5.0	µg/L	U	1.5	5.0	100	20
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	410-26694-1	SW8260C	5	2-Hexanone	26	µg/L	J	1.5	5.0	50	38
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	410-26694-1	SW8260C	5	Vinyl chloride	< 2.5	µg/L	U	1.0	2.5	5	2
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	410-26694-1	SW8260C	5	1,2,3-Trichlorobenzene	< 5.0	µg/L	U	2.0	5.0	25	7
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	410-26694-1	SW8260C	5	Hexachloro-1,3-butadiene	< 20	µg/L	U	10	20	25	5
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	410-26694-1	SW8260C	5	1,2-Dibromo-3-chloropropane	< 5.0	µg/L	U	1.5	5.0	25	5
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	410-26694-1	SW8260C	5	1,2,3-Trichloropropane	< 2.5	µg/L	U	1.0	2.5	25	5
KAFB-106S10-443	GWS10-443-211	1/15/2021	N	410-26694-1	SW8260C	50	Benzene	11000	µg/L	--	10	25	50	5
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	410-25765-1	SW8011	1000	1,2-Dibromoethane	120	µg/L	--	9.7	19	29	0.05
KAFB-106S1-447	GWS1-447-211	1/7/2021	N	410-25765-1	SW8260C	100	Benzene	5400	µg/L	--	20	50	100	5
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	410-25765-1	SW8011	200	1,2-Dibromoethane	24	µg/L	J	1.9	3.8	5.8	0.05
KAFB-106S2-451	GWS2-451-211	1/7/2021	N	410-25765-1	SW8260C	20	Benzene	1300	µg/L	--	4.0	10	20	5
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	410-25906-1	SW8011	10	1,2-Dibromoethane	1.7	µg/L	J	0.096	0.19	0.29	0.05
KAFB-106S3-449	GWS3-449-211	1/8/2021	N	410-25906-1	SW8260C	10	Benzene	1800	µg/L	--	2.0	5.0	10	5
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	410-25906-1	SW8011	50	1,2-Dibromoethane	11	µg/L	J	0.48	0.95	1.4	0.05
KAFB-106S5-446	GWS5-446-211	1/8/2021	N	410-25906-1	SW8260C	50	Benzene	2100	µg/L	--	10	25	50	5
KAFB-106S7-451	GWS7-451-211	1/8/2021	N	410-25906-1	SW8011	50	1,2-Dibromoethane	10	µg/L	J	0.48	0.96	1.4	0.05
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	410-25765-1	SW8011	5000	1,2-Dibromoethane	350	µg/L	--	48	96	140	0.05
KAFB-106S8-451	GWS8-451-211	1/7/2021	N	410-25765-1	SW8260C	100	Benzene	4800	µg/L	--	20	50	100	5
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	410-25906-1	SW8011	20	1,2-Dibromoethane	3.1	µg/L	J	0.19	0.39	0.58	0.05
KAFB-106S9-447	GWS9-447-211	1/8/2021	N	410-25906-1	SW8260C	50	Benzene	3600	µg/L	--	10	25	50	5

Table D-2-7
Groundwater Results with LOQ/PQL Exceeding the Project Screening Level, Q1 2021

[a] The MDL is equivalent to the DoD DL.

[b] The RDL is equivalent to the DoD LOD.

[c] The PQL is equivalent to the DoD LOQ.

[d] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NM WQCC numeric standard or (2) EPA MCL. If no NM WQCC standard or MCL exists for any analyte, then the project screening level will be the EPA RSL. NM WQCC numeric standards per the NMAC Title 20.6.2.3101A, Standards for Ground Water of 10,000 mg/L Total Dissolved Solids Concentration or Less (NMAC 2018). For metals, the NM WQCC numeric standard applies to dissolved metals. EPA Region 6 RSL for Tapwater (November 2020) for hazard index = 1.0 for noncarcinogens and a 10-5 cancer risk level for carcinogens.

< = less than

µg/l = micrograms per liter
AFB = Air Force Base
DL = detection lmit
DoD = Department of Defense
EPA = U.S. Environmental Protection Agency
FD = field duplicate
ID = identification
LOD = limit of detetion
LOQ = limit of quantitation
MCL = maximum contaminant level
MDL = method detection limit
N = normal
NM = New Mexico
NMAC = New Mexico Administrative Code
NS = not specificed
PQL = practical quantitation limit
Q1 = first quarter
RDL = report detection limit
RSL = regional screening level
WQCC = Water Quality Control Commission
Shading = result exceeds the project screening level.
Qualifiers based on independent data validation:
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected above the detection limit. The value associated with the U-qualifier is the LOD.
-- = Qualifier not assigned.

Table D-2-8
Technical Data Completeness - Groundwater, Q1 2021

Analytical Parameter	Field/Field Duplicate Sample Analytes	Quality Control Sample Analytes (TB, FB, EB, SWB)	Qualified Analytes	Percent Technical Completeness[a]
1,2-dibromoethane (SW8011)	74	31	38	100
VOCs (SW8260C)[b]	181	194	3	100
Total metals (SW6010C)[c]	116	8	0	100
Dissolved metals (SW6010C)[d]	58	0	5	100
Total metals (SW6020A)[e]	58	4	2	100
Anions (E300.0)[f]	87	0	17	100
Nitrate/nitrite nitrogen (E353.2)	29	0	0	100
Alkalinity (SM2320B)	87	0	0	100
TPH (SW8015)[g]	3	4	0	100

[a] Percent technical completeness including analytes qualified as estimated data. No data were rejected.

[b] KAFB-106S10-443 and the associated TB and EB samples were analyzed for VOCs, the other samples were analyzed for BTEX.

[c] Total metals (SW6010C) = calcium, magnesium, potassium, sodium.

[d] Dissolved metals (SW6010C) = dissolved iron, manganese.

[e] Total metals (SW6020A) = arsenic, lead.

[f] Anions = bromide, chloride, sulfate.

[g] TPH (SW8015) = TPH-GRO, TPH-DRO, and total TPH. KAFB-106S10-443 and the associated TB and EB samples only.

BTEX = benzene, toluene, ethylbenzene, xylenes
EB = equipment rinse blank
FB = Field blank
Q1 = first quarter
SWB = source water blank
TB = trip blank
TPH-DRO = Total Petroleum Hydrocarbons – Diesel Range Organics
TPH-GRO = Total Petroleum Hydrocarbons – Gasoline Range Organics
VOCs = volatile organic compounds

ATTACHMENT B-1

Data Quality Assessment

B-1. Data Quality Assessment – Groundwater, January 2021

ACRONYMS AND ABBREVIATIONS

µg/L	microgram per liter
%	percent
%D	percent difference
ALS	ALS Laboratories
BFF	Bulk Fuels Facility
CCV	continuing calibration verification
DoD	U.S. Department of Defense
EDB	1,2-dibromoethane/ethylene dibromide
ELAP	Environmental Laboratory Accreditation Program
EPA	U.S. Environmental Protection Agency
ICP	inductively coupled plasma
ICS	interference check sample
KAFB	Kirtland Air Force Base
LCS	laboratory control sample
LCSD	laboratory control sample duplicate
LOQ	limit of quantitation
mL	milliliter
MS	matrix spike
MSD	matrix spike duplicate
QAPP	Quality Assurance Project Plan
QC	quality control
QSM	Quality Systems Manual
RPD	relative percent difference
RRF	relative response factor
SDG	sample delivery group
SM	Standard Method
SOP	standard operating procedure
USACE	U.S. Army Corps of Engineers
VOA	volatile organic analysis
VOC	volatile organic compound

LABORATORY DATA QUALITY ASSESSMENT

This Data Quality Assessment describes the findings of the review of data for the January 2021 quarterly groundwater monitoring event, which occurred in First Quarter 2021 and is provided to document the quality of the analytical data used in the *Q1 2021 Quarterly Summary Memorandum, In Situ Biodegradation Long-Term Monitoring, Bulk Fuels Facility, Solid Waste Management Units ST-106/SS-111*. Sampling procedures and overall quality control (QC) and quality assurance protocols for the January 2021 quarterly groundwater monitoring event are presented in the *Final Uniform Federal Policy Quality Assurance Project Plan, Bulk Fuels Facility, Solid Waste Management Units ST-106/SS-111, Kirtland Air Force Base, Albuquerque, New Mexico* (QAPP, Kirtland Air Force Base [KAFB], 2020).

The Data Quality Assessment focuses on the data quality and data usability of the samples collected from the January 2021 groundwater monitoring sampling event at monitoring wells (KAFB-106064, KAFB-106063, KAFB-106MW1-I, KAFB-106MWI-S, KAFB-106MW2-I, KAFB-106MW2-S, KAFB-106IN1, KAFB-106EX1, and KAFB-106EX2).

All quarterly groundwater samples from the nine wells were analyzed for the following of parameters:

- Volatile organic compounds (VOCs) – U.S. Environmental Protection Agency (EPA) Method SW8260C
- 1,2-dibromethane (EDB) – EPA Method SW8011
- Total lead and dissolved iron and manganese – EPA Method SW6020A
- Anions (chloride, sulfate, bromide, nitrate and nitrite as nitrogen) – EPA Method SW9056A
- Dissolved ortho-phosphate – EPA Method 365.3
- Alkalinity – Standard Method (SM) 2320B
- Iodide – EPA Method 300

- Dissolved gases – RSK 175
- Fatty acids – EPA Method 300 modified
- Quant Array Chlor – Laboratory Standard Operating Procedure (SOP)

All groundwater samples were shipped to off-site laboratories for analysis. Groundwater samples for Quant Array Chlor analysis were performed by Microbial Insights in Knoxville Tennessee. The analysis of dissolved gases and fatty acids was conducted by Aptim Lawrenceville New Jersey; while the analysis of iodide was completed by ALS Laboratories (ALS) in Cincinnati, Ohio. Microbial Insights, Aptim Lawrenceville, and ALS in Middletown are not U.S. Department of Defense (DoD) accredited laboratories. The remaining listed analyses for the quarterly groundwater samples were performed by ALS in Houston, Texas. ALS in Houston holds a current DoD Environmental Laboratory Accreditation Program (ELAP) certification version 5.3.

All analytical results from the January 2021 quarterly groundwater monitoring event were reported by the off-site laboratories and received in sample delivery groups (SDGs). Appendix B-1, Table 1 (provided at the end of this report) summarizes sample collection dates, sample numbers, sample locations, laboratories, sample types, sample matrix, analysis methods, and SDG numbers. Laboratory data packages for the January 2021 quarterly groundwater monitoring event are provided in Attachment B-2. Stage 2B data validation was performed for all analytical results obtained from the January 2021 quarterly groundwater monitoring event. The following QC elements were included in the Stage 2B data validation:

- Sample preservation and sample extraction and analysis holding times
- Laboratory method blanks
- Initial and continuing calibration blanks (metals and anions analyses only)
- Surrogate recoveries (organic analyses)
- Laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) recoveries

- Matrix spike (MS)/matrix spike duplicate (MSD) recoveries
- Relative percent differences (RPDs)
- Initial calibration and verifications
- Continuing calibration verifications (CCVs)
- Inductively coupled plasma (ICP) interference check samples (ICS) (metal analysis only)
- ICP serial dilutions (metal analysis only)
- Sample confirmation (EDB analysis only)
- Field blanks
- Field duplicates

The Stage 2B data validation was performed in accordance with the guidelines and control criteria specified in the following documents:

- QAPP (KAFB, 2020)
- *DoD Quality Systems Manual for Environmental Laboratories, Version 5.3* (2019)
- *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (2006), SW-846* (EPA, 1996 and updates)
- *Standard Methods for the Examination of Water and Wastewater (21st Edition)* (American Public Health Association et al., 2005)
- *USEPA Contract Laboratory Program, National Functional Guidelines for Organic Superfund Methods Data Review, Final* (EPA, 2017a)
- *USEPA Contract Laboratory Program*, *National Functional Guidelines for Inorganic Superfund Methods Data Review*, *Final* (EPA, 2017b)
- DoD General Data Validation Guidelines (2018)

Analytical data were reviewed in terms of precision, bias, representativeness, comparability, and completeness as follows:

- *Bias* is demonstrated by recovery of target analytes from fortified blank and sample matrices, LCS/LCSD, and MS/MSD, respectively. For organic methods, bias is also demonstrated through recovery of surrogates from each field and QC sample. The recovery of target analytes from fortified samples is compared with the acceptance criteria defined in the QAPP (KAFB, 2020) and DoD Quality Systems Manual (QSM). When the acceptance criteria are not available in the QAPP or DoD QSM, results are compared with the laboratory in-house control limits. When these criteria are not met, the data are qualified accordingly.
- *Precision* is expressed as the RPD between the results of replicate sample analyses: sample duplicates, LCSDs, and MSDs. When analyte RPDs exceed the acceptance criteria, the data are qualified accordingly.
- *Representativeness* of the samples submitted for analysis is ensured by adherence to standard sampling techniques and protocols.
- *Comparability* of sample results is ensured through the use of approved sampling and analysis methods.
- *Completeness* is expressed as a ratio of the number of usable data points to the total number of analytical data results.

The following sections present the 2B data validation findings. The discussion summarizes data quality exceedances and their potential impact on the quality and usability of analytical results. Attachment B-1, Table 2 presents definitions of data qualification and reason codes applied to the analytical results. Attachment B-1, Table 3 summarizes the qualified data.

1.1 Data Quality Outliers

1.1.1 Sample Preservation and Sample Extraction and Analysis Holding Times (Reason Code H)

The sample coolers and samples contained within were received intact at the laboratory and were held within the required 0 to 6 degrees Celsius, and when required, were chemically preserved in accordance with EPA and SM preservation requirements.

Sample holding times were evaluated by comparing the sample collection dates to the sample extraction and analysis dates. Extraction and analysis holding times were reviewed for all samples to determine the validity of the sample results. The extraction and analysis holding time requirements were achieved for all samples and for all methods with the exception of nitrate as nitrogen, nitrite as nitrogen, and phosphorus for sample 106MW2S-LTM-011321. The impacted sample was delayed arriving at the laboratory due to a shipping company error. Hold times were marginally exceeded, which resulted in the data being qualified as estimated (J/UJ).

1.1.2 Laboratory Method Blanks (Reason Code B1)

The field sample results were evaluated with respect to the laboratory method blank prepared and analyzed for each analytical batch, and for each analytical method. No target analytes were detected in the laboratory method blanks at concentrations that would impact any associated sample results.

1.1.3 Initial and Continuing Calibration Blanks (Reason Code B2)

In addition to the laboratory method blanks for metals and anions analyses, initial and continuing calibration blank results were reviewed to ensure that the instrument was free of contamination prior to the analyses. All initial and continuing calibration blanks were free of metals and anions.

1.1.4 Surrogate Recoveries (Reason Code S)

Surrogate standards are organic compounds added to field and laboratory QC samples for organic analysis to evaluate the matrix effect and method performance on an individual sample basis. Surrogates in all samples analyzed for VOCs were recovered within the accuracy specifications.

1.1.5 Laboratory Control Sample/Laboratory Control Sample Duplicate Recoveries and Precisions (Reason Codes L, D3, and D1)

The LCS is an aliquot of analyte-free matrix spiked with target analytes that is prepared with each analytical batch and with each analytical method. The recovery of target analytes from the LCS analysis is a measurement of method performance in an interference-free sample matrix. The LCS results met the bias and precision acceptance criteria for all batches and for all analyses.

1.1.6 Matrix Spike/Matrix Spike Duplicate Recoveries and Precisions (Reason Codes M and D2)

The MS and MSD samples are a portion of a field sample spiked with target analytes that are prepared with each analytical batch and with each method. The MS/MSD results are used to evaluate any bias introduced to the method due to matrix interference, and to measure bias and precision for each analytical batch.

In accordance with the site-specific QAPP requirements (KAFB, 2020), the MS/MSD samples are to be collected at a rate of 1 per 20 groundwater samples or 5 percent (%). During the January 2021 quarterly monitoring event, one MS/MSD sample was collected; thus, achieving the 5% MS/MSD sample frequency. Although additional MS/MSD sample volumes were not provided to the laboratory, the laboratory performed MS/MSD analyses on site-specific samples to meet their internal QC frequency requirements and to verify the presence of a matrix effect and its potential impact on the precision and bias of the analytical results.

The following site-specific groundwater samples were spiked for MS/MSD analysis:

Well Location	Sample Number	MS/MSD Analysis
January 2021 Groundwater Monitoring Event		
KAFB-106064	106064-LTM-011121-FD	Anions
KAFB-106MW2I	106MW2I-LTM-011121	VOCs, Anions (Chloride only), and dissolved ortho-phosphate
KAFB-106EX1	106EX1-LTM-011221	Anons

Well Location	Sample Number	MS/MSD Analysis
FAFB-106MW2S	106MW2S-LTM-011321	VOCs, EDB, total and dissolved metals, anions, dissolved ortho-phosphate, iodide, dissolved gases, and fatty acids

The majority of the MS results met the established bias and precision requirements; however, MS recovery biases were observed for VOC, EDB, anions, and metals analyses, which are summarized as follows:

Analytical Method	Spiked Sample	MS Recovery Outlier (%)	Control Limit (%)	Data Qualification
January 2021 Quarterly Groundwater Monitoring Event				
SW9056A	106064-LTM-011121-FD	Nitrite (106/**115**)	87-111	No qualification
SW8260C	106MW2I-LTM-011121	Naphthalene (76/93; **20**)	61-128; 20	No qualification
SW8260C	106MW2S-LTM-011321	Benzene (93.2/**75.8**)	79-120	J
		tert-Butylbenzene (**126**/120)	78-124	No qualification
SW8011	106MW2S-LTM-011321	1,2-Dibromoethane (**58.4**/**57.6**)	60-140	J
SW6020A	106MW2S-LTM-011321	Lead (**80.9**/87.9)	88-115	J
		Iron (**77.2**/90.2)	87-118	J
		Manganese (**-663**/**-56.8**)	87-115	No qualification

As indicated above, the reported MS/MSD recovery for nitrite and tert-butylbenzene and/or MS/MSD RPD for naphthalene marginally exceeded the upper control limit, No data qualification was applied to any impacted samples as the listed anions and VOCs in the spiked sample were not detected and were not affected by the high biased MS/MSD recoveries and/or calculated MS/MSD RPD. It should be noted that the LCS results associated with the non-complaint batch met the bias and precision control criteria, which demonstrated that acceptable batch bias and precision were achieved for the VOC analysis.

In addition to above, the reported MS and MSD recoveries were outside the accuracy specifications for manganese in the spiked sample (106MW2S-LTM-011321). These non-compliant MS/MSD results could be attributed to a matrix effect. In the spiked sample, the parent concentration of manganese exceeded four times their respective spiked levels. These elevated sample concentrations produced matrix

interference, which affected the accuracy of the MS/MSD analyses. Therefore, no data qualification was applied to the manganese result.

Except as noted, the MS precision and bias results were acceptable for all other analyses.

1.1.7 Initial Calibration (Reason Code G)

Instrument calibration is performed for VOC, EDB, metals, anions, dissolved gases, and fatty acids analyses according to the EPA Method requirements (EPA, 1996). The linear analytical range is established for each method by analysis of calibration standards prepared at increasing concentrations that cover the expected sample concentrations. The acceptability of the initial calibration is determined by calculation of a percent relative standard deviation or coefficient. The initial calibration results were acceptable for all the listed analyses.

Immediately after the initial calibration for each analysis, initial calibration verification was conducted at the mid-point of instrument calibration range by using a second-source calibration standard to verify the accuracy of the initial calibration. The review indicated acceptable initial calibration verification results for all target analytes.

1.1.8 Continuing Calibration Verification (Reason Code C)

Routinely during sample analysis, the stability of the analytical system is monitored by analysis of continuing calibration standards at concentrations near the mid-point of the instrument calibration range. The percent difference (%D) values between the relative response factor (RRF) in the initial calibration and the RRF in the continuing calibration met the continuing calibration requirements for VOC, EDB, metals, anions, dissolved gases, and fatty acids analyses with the exception of the following analytes:

Analytical Method	Spiked Sample	Analyte	Bias	CCV Control Limit (%)	Data Qualification
January 2021 Quarterly Groundwater Monitoring Event					
E300	106063-LTM-011121	Iodide	High bias	90-110	J
	106064-LTM-011121				J
	106064-LTM-011121-FD				J
	106IN1-LTM-011121				J
	106MW2S-LTM-011321				J
E300 (Mod)	106063-LTM-011121	Formic Acid	Low bias	90-110	J
	106064-LTM-011121				J
	106064-LTM-011121-FD				J
	106EX1-LTM-011221				J
	106EX2-LTM-011121				J
	106IN1-LTM-011221				J
	106MW1I-LTM-011221				J
	106MW1S-LTM-011221				J
	106MW2I-LTM-011121				J
	106MW2S-LTM-011321				J

1.1.9 Interference Check Samples (Reason Code O)

The ICS verifies the inter-element and background correction factors. An ICS was analyzed at the required frequencies, and all ICS results were within the established control limit for EPA Method SW6020A for the January 2021 quarterly groundwater monitoring event.

1.1.10 ICP Serial Dilutions (Reason Code A)

The ICP serial dilution determines whether significant physical or chemical interferences exist due to sample matrix. When the concentration of an analyte exceeds 50 times the method detection limit, an ICP serial dilution is performed at a five-fold dilution and the results between the original analysis and the diluted analysis are compared. The results of the ICP serial dilution are deemed acceptable when a percent difference between the original analysis and the diluted analysis is less than or equal to 10%. An ICP serial dilution was performed on one groundwater sample (106MW2S-LTM-011321) collected during the January 2021 quarterly groundwater monitoring event. The ICP serial dilution results met the accuracy goal for total and dissolved metals.

1.1.11 Sample Confirmation (Reason Code D)

As required by the DoD and EPA, when samples are analyzed by either a gas chromatography or high-performance liquid chromatography method, all positive results, with the exception of total petroleum hydrocarbons as gasoline and diesel, must be confirmed by a second column or a different detector. As indicated in all SDGs for the January 2021 quarterly groundwater monitoring event, all positive EDB results reported by EPA Method SW8011 were confirmed by a second column, and the precision results between the primary and secondary columns were within the precision control limit for all the detected samples with the following exception:

Analytical Method	Sample Number	Primary/Secondary Column (ug/L)	RPD(%)	Control Limit (%)	Data Qualification
January 2021 Quarterly Groundwater Monitoring Event					
SW8011	106EX2-LTM-011121	EDB: 0.0526 / 0.014	91	40	J

As shown above, EDB was detected above the LOQ in the primary column and its detection was confirmed by the secondary column; however, the precision between the two columns was observed at 91%, which exceeds the precision control limit. As a result of the precision outlier, the result of EDB from the primary column was qualified as estimated (J) and reported in this report. The precision outlier does not affect the data usability as all other QC elements such as holding time, method blanks, LCS bias and precision, and calibration results were within their respective control criteria.

1.1.12 Trip Blanks (Reason Code K3)

Trip blanks were prepared by the laboratory and stored with the groundwater samples collected for VOCs analysis. In accordance with the site-specific QAPP requirements (KAFB, 2020), one trip blank is to be collected at a rate of one per cooler when sampling groundwater samples for VOC analysis. One trip blank was submitted with VOC samples collected on each day for the January 2021 quarterly monitoring event, which resulted in a total of three trip blanks. Attachment B-1, Table 4 presents detected trip blank

results and associated groundwater sample results. As shown on the table, all trip blanks were free from VOC contaminants.

1.1.13 Equipment Rinse Blanks (Reason Code K1)

Equipment rinse blanks are designed to check for contamination from sampling equipment, and the results for the equipment rinse blanks are used to evaluate the efficiency of equipment decontamination procedures.

In accordance with the site-specific QAPP requirements (KAFB, 2020), no equipment rinse blanks will be collected when dedicated or disposable sampling equipment is used to collect groundwater samples. When non-dedicated or non-disposable sampling equipment is used, one equipment rinse blank will be collected at a rate of one per day. During the January 2021 quarterly groundwater monitoring event, dedicated sampling equipment was used to collect groundwater samples. As no cross-contamination between wells or samples could occur, no equipment rinse blanks were necessary.

1.1.14 Field Duplicates

In accordance with the site-specific QAPP requirements (KAFB, 2020), field duplicate samples are to be collected at a minimum rate of 10% of the total number of groundwater samples. Field duplicate samples are evaluated by calculating the RPD between the parent sample and its duplicate. The RPD is calculated using the following equation:

$$RPD = /(S-D)/[(S+D)/2]/ x\ 100$$

Where:

S = sample result
D = duplicate result

Acceptable precision control criteria are established at less than or equal to 35% for water samples. The RPD is calculated between pairs of field duplicate samples when both results are reported at or above the LOQ.

One field duplicate pairs were collected from well KAFB-106064 during the January 2021 quarterly groundwater monitoring event; thereby, achieving the 10% of the field duplicate sample frequency requirement. The duplicate pairs were analyzed for VOC, EDB, total and dissolved metals, anions, dissolved ortho-phosphate, alkalinity, iodide, fatty acids, and dissolved gases.

Attachment B-1, Table 5 presents the field duplicate results from the January 2021 quarterly groundwater monitoring event. As indicated in Attachment B-1,Table 5, the field RPDs for all the detected pairs ranged from 0 to 15.4% and met the 35% precision goal for all analyses. The field duplicate results demonstrate acceptable overall field sampling and analytical precision for all methods.

1.2 Completeness

The following sections present a discussion of technical and holding time completeness for the January 2021 quarterly groundwater monitoring event. Completeness results are calculated for project samples that will be used for project decisions. For information purposes, completes results are also calculated for field QC samples. Completeness results for both project samples and field QC samples are presented in Attachment B-1, Table 6.

1.2.1 Technical Completeness

Technical completeness is a quantitative measure of the data usability based on the number of rejected data compared to the total number of sample results. The technical completeness goal for each method is equal to or greater than 90%. The technical completeness calculation considers all data that are not rejected to be usable.

The technical completeness is calculated as follows:

$$\% \text{ Technical Completeness} = \frac{\text{Number of Usable Results}}{\text{Total Number of Results}} \times 100$$

Despite the exceedances discussed in the previous sections, all qualified data is still considered usable. The technical completeness was 100% for all methods exceeding the 90% technical completeness objective. Therefore, the project data quality objectives were achieved for all methods for the January 2021 quarterly groundwater monitoring event.

1.2.2 Holding Time Completeness

Holding time completeness is a quantitative determination of the number of samples extracted and analyzed within their respective holding times to the total number of samples collected. The holding time completeness goal is 100% for each method. Holding time completeness is calculated as follows:

$$\% \text{ Holding Time Completeness} = \frac{\text{Number of Holding Time Compliant Results}}{\text{Total Number of Results}} \times 100$$

As discussed in the previous sections, all groundwater samples collected from the January 2021 quarterly monitoring event were extracted and analyzed within their respective holding time requirements with the exception of three results.

Analysis	% Holding Time Completeness Calculation		
E365.3: ortho-Phosphorus	% Holding Time Completeness =	9 / 10 * 100	90%
SW9056: Anions	% Holding Time Completeness =	48 / 50 * 100	96%

Therefore, the holding time completeness objective was met for all methods with the exception of ortho-phosphorus by EPA 300 and anions by SW846 9056A.

1.3 Representativeness and Comparability

During sampling, samplers followed the approved site-specific QAPP requirements (KAFB, 2020) and established sampling SOPs to collect, preserve, document, and ship samples to off-site laboratories, thus ensuring the representativeness of the groundwater collected for the event.

From each groundwater monitoring well, VOC samples were collected in three 40-milliliter (mL) volatile organic analysis (VOA) vials preserved with hydrochloric acid, and EDB samples by EPA Method SW8011 were stored in three 40-mL VOA vials preserved with ice only. Upon sample receipt, the laboratory reviewed sample conditions to ensure that sample containers, preservatives (when applicable), and requested analyses matched the chain-of-custody requirements. The laboratory also inspected VOA vials to verify the presence or absence of any headspace. As documented on the laboratory sample receipt form, no headspace was present in any VOA vials submitted for VOCs and EDB analysis.

ALS in Houston is DoD ELAP certified and adhered to the most current EPA Method and standard method requirements, project QAPP (KAFB, 2020), and DoD QSM (2019) requirements to prepare, analyze, and report the data. This ensures the comparability of the analytical results between different samples and different sampling events. Stage 2B data validation was performed on 100% of the groundwater data to verify that the laboratories complied with the DoD QSM, project QAPP, and method requirements. Analytical results that were outside the established QC requirements were qualified and the data quality and usability were discussed in the previous sections. Based on a review of the completed sample collection logs, chain-of-custody forms, sample receipt forms, and laboratory data packages, the analytical data reported for the event has met the comparability requirements.

1.4 Summary

The analytical data reported for the events have been reviewed for precision, bias, representativeness, comparability, and completeness. Data quality exceedances consisted of holding time exceedances, method blank contamination, non-compliant MS/MSD recoveries and dual column precision, and continuing calibration verification exceedance. The affected data were qualified as estimated or not detected. The 90% technical completeness goal was achieved for all methods for the January 2021 quarterly groundwater monitoring event. All data are usable for their intended purposes.

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TABLES

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Attachment B-1, Table 2: Data Qualification Flags and Reason Codes

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Attachment B-1, Table 6: Holding Time and Technical Completeness

Table 2. Data Qualification Flags and Reason Codes

Data Qualifier Definitions for Organic Data Review

Qualifier	Definition
	No Qualifier indicates that the data are acceptable both qualitatively and quantitatively.
U	The analyte was analyzed for but was not detected above the reported limit of quantitation.
J	The analyte was analyzed for and was positively identified, but the reported numerical value may not be consistent with the amount actually present in the environmental sample. Results are estimated, although the data are considered usable and may be used as appropriate to meet project objectives. Results are qualitatively acceptable and quantitatively uncertain.
J-	The analyte was positively identified; the associated numerical value is its approximate concentration with a low bias in the sample.
J+	The analyte was positively identified; the associated numerical value is its approximate concentration with a high bias in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a “tentative identification.”
NJ	The analysis indicates the presence of an analyte that has been ”tentatively identified,” and the associated value represents its approximate concentration.
UJ	The analyte was not detected above the reported limit of quantitation. However, the reported limit of quantitation is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
X	The analyte was analyzed for, but the presence or absence of the analyte has not been verified. Re-sampling and re-analysis may be necessary to confirm or deny the presence of the analyte. Results are rejected, and data are unusable for any purposes.

Data Qualifier Definitions for Inorganic Data Review

Qualifier	Definition
	No Qualifier indicates that the data are acceptable both qualitatively and quantitatively.
U	The analyte was analyzed for but was not detected above the level of the reported value. The reported value is the limit of quantitation for water and soil for all the analytes except cyanide and mercury. For cyanide and mercury, the reported value is the contract-required detection limit.
J	The analyte was analyzed for and was positively identified, but the reported numerical value may not be consistent with the amount actually present in the environmental sample. Results are estimated, although the data are considered usable and may be used as appropriate to meet project objectives. Results are qualitatively acceptable and quantitatively uncertain.
J-	The analyte was positively identified; the associated numerical value is its approximate concentration with a low bias in the sample.
J+	The analyte was positively identified; the associated numerical value is its approximate concentration with a high bias in the sample.
UJ	The analyte was analyzed for but was not detected above the reported value. The reported value may not accurately or precisely represent the sample limit of quantitation.
X	The analyte was analyzed for, but the presence or absence of the analyte has not been verified. Re-sampling and re-analysis may be necessary to confirm or deny the presence of the analyte. Results are rejected, and data are unusable for any purposes.

Table 2. Data Qualification Flags and Reason Codes (concluded)

Reason Codes for Data Review and Validation

Reason Code	Description
A	Serial dilution outside criteria (Level IV).
B1	Method blank contaminants above reporting limit.
B2	Calibration blank contaminants above reporting limit.
B2, Bias Flag "-"	Calibration blank indicates negative interference; false negatives may be present.
C	Calibration outside control limits.
D	Sample results precision between primary and secondary columns outside control limit.
D1	Sample duplicate RPD outside control limit.
D2	Matrix duplicate RPD outside control limit.
D3	LCSD RPD outside control limit.
E	The sample results exceed the linear calibration range of the instrument.
F	Hydrocarbon pattern does not match hydrocarbon pattern in the standard.
G1	Initial calibration relative standard deviation outside control limit.
G2	Initial continuing calibration RRF outside control limit.
G3	Continuing calibration RRF outside control limit.
H	Holding time exceeded.
I	Internal standard recovery outside control limit.
K1	Equipment rinsate contamination.
K2	Ambient blank contamination.
K3	Trip blank contamination.
L	LCS outside control limits.
M	MS outside control limits.
O	Interference check sample outside acceptance criteria.
P	Analyte qualified based on the professional judgment of the reviewer.
S	Surrogate recovery outside control limit.
T	Temperature outside acceptance criteria.
Tr	Value reported detected between the detection limit and LOQ.
W	Pesticide breakdown outside criteria (Level IV).
X	Raised reporting limit due to matrix interference or high analyte concentration.
Y	Analyte was not confirmed by a second column.

Attachment B-1, Table 1: Summary of Samples Collected, Sample Location, Sample Date, Analysis Method and SDG Number

Task	Location	Sample ID	Sample Date	Matrix	Purpose	BACTERIA	EDB	FATTY ACIDS	GASES	GEN CHEMISTRY	METALS	METALS, DISS	VOC
					Method	SOP	SW8011	EPA 300	RSK175	SM2320B/SW9056A/EPA365.3	SW6020A	SW6020A	SW8260C
					Laboratory	MI	ALS	APTIM		ALS			
January 2021 Event	KAFB-106063	106063-LTM-011121	01/11/21	WG	REG	023SA	HS21010391	9919	9919	HS21010391	HS21010391	HS21010391	HS21010391
January 2021 Event	KAFB-106064	106064-LTM-011121	01/11/21	WG	REG	023SA	HS21010391	9919	9919	HS21010391	HS21010391	HS21010391	HS21010391
January 2021 Event	KAFB-106064	106064-LTM-011121-FD	01/11/21	WG	FD	-	HS21010391	9919	9919	HS21010391	HS21010391	HS21010391	HS21010391
January 2021 Event	KAFB-106EX1	106EX1-LTM-011221	01/12/21	WG	REG	023SA	HS21010463	9919	9919	HS21010463	HS21010463	HS21010463	HS21010463
January 2021 Event	KAFB-106EX2	106EX2-LTM-011121	01/11/21	WG	REG	023SA	HS21010391	9919	9919	HS21010391	HS21010391	HS21010391	HS21010391
January 2021 Event	KAFB-106IN1	106IN1-LTM-011221	01/12/21	WG	REG	023SA	HS21010463	9919	9919	HS21010463	HS21010463	HS21010463	HS21010463
January 2021 Event	KAFB-106MW1-I	106MW1I-LTM-011221	01/12/21	WG	REG	023SA	HS21010463	9919	9919	HS21010463	HS21010463	HS21010463	HS21010463
January 2021 Event	KAFB-106MW1-S	106MW1S-LTM-011221	01/12/21	WG	REG	023SA	HS21010463	9919	9919	HS21010463	HS21010463	HS21010463	HS21010463
January 2021 Event	KAFB-106MW2-I	106MW-2I-LTM-011121	01/11/21	WG	REG	023SA	HS21010391	9919	9919	HS21010391	HS21010391	HS21010391	HS21010391
January 2021 Event	KAFB-106MW2-S	106MW2S-LTM-011321	01/13/21	WG	REG	023SA	HS21010577	9919	9919	HS21010577	HS21010577	HS21010577	HS21010577
January 2021 Event	FIELDQC	TB-011121	01/11/21	WQ	TB	-		-	-	-	-	-	HS21010391
January 2021 Event	FIELDQC	TB-011221	01/12/21	WQ	TB	-		-	-	-	-	-	HS21010463
January 2021 Event	FIELDQC	TB-011321	01/13/21	WQ	TB	-		-	-	-	-	-	HS21010577

Notes:

-: not applicable

ALS = ALS Environmental Laboratories, Inc

APTIM = Aptim Federal Services, LLC

EDB = 1,2-dibromoethane

FD = Field duplicate

ID = identification

KAFB = Kirtland Air Force Base

MI = Microbial Insights Laboratory

QC = quality control

REG = regular sample

SDG = sample delivery group

SOP = standard operating procedure

TB = trip blank

VOC = volatile organic compound

WG = groundwater

Attachment B-1, Table 3: Qualified Data Summary

Sample	Sample Type	Sample Date	Analyte	SDG	Result	LOQ	Units	Qualifier
Reason Code D		**Method SW8011**						
106EX2-LTM-011121	REG	01/11/21	1,2-DIBROMOETHANE	HS21010391	0.0056	0.021	µg/L	J
Reason Code M		**Method SW8011**						
106MW2S-LTM-011321	REG	01/13/21	1,2-DIBROMOETHANE	HS21010577	0.043	0.021	µg/L	J
Reason Code M		**Method SW8260C**						
106MW2S-LTM-011321	REG	01/13/21	BENZENE	HS21010577	2300	50	µg/L	J
Reason Code H		**Method SW9056A**						
106MW2S-LTM-011321	REG	01/13/21	NITRATE	HS21010577	0.0857	0.100	mg/L	J
106MW2S-LTM-011321	REG	01/13/21	NITROGEN, NITRATE-NITRITE	HS21010577	0.1	0.100	mg/L	UJ
Reason Code C		**Method E300.0**						
106063-LTM-011121	REG	01/11/21	IODIDE	21010335	4.7	0.20	mg/L	J
106064-LTM-011121	REG	01/11/21	IODIDE	21010335	4.6	0.20	mg/L	J
106064-LTM-011121-FD	FD	01/11/21	IODIDE	21010335	4.9	0.20	mg/L	J
106IN1-LTM-011221	REG	01/12/21	IODIDE	21010336	3.5	0.20	mg/L	J
106MW2S-LTM-011321	REG	01/13/21	IODIDE	21010448	5.5	0.20	mg/L	J
Reason Code H		**Method E365.3**						
106MW2S-LTM-011321	REG	01/13/21	PHOSPHORUS	HS21010577	0.025	0.0250	mg/L	UJ

Attachment B-1, Table 3: Qualified Data Summary

Sample	Sample Type	Sample Date	Analyte	SDG	Result	LOQ	Units	Qualifier
Reason Code C		**Method E300 (Modified)**						
106063-LTM-011121	REG	01/11/21	FORMIC ACID	9919	0.6	10.0	mg/L	J
106064-LTM-011121	REG	01/11/21	FORMIC ACID	9919	1.2	10.0	mg/L	J
106064-LTM-011121-FD	FD	01/11/21	FORMIC ACID	9919	1.8	10.0	mg/L	J
106EX1-LTM-011121	REG	01/12/21	FORMIC ACID	9919	1.1	10.0	mg/L	J
106EX2-LTM-011121	REG	01/11/21	FORMIC ACID	9919	1.8	10.0	mg/L	J
106IN1-LTM-011121	REG	01/12/21	FORMIC ACID	9919	0.9	10.0	mg/L	J
106MW1I-LTM-011221	REG	01/12/21	FORMIC ACID	9919	1	10.0	mg/L	J
106MW1S-LTM-011221	REG	01/12/21	FORMIC ACID	9919	2.2	10.0	mg/L	J
106MW2I-LTM-011121	REG	01/11/21	FORMIC ACID	9919	0.7	10.0	mg/L	J
106MW2S-LTM-011121	REG	01/12/21	FORMIC ACID	9919	2.3	10.0	mg/L	J
Reason Code M		**Method SW6020A**						
106MW2S-LTM-011321	REG	01/13/21	IRON	HS21010577	10.8	0.200	mg/L	J
106MW2S-LTM-011321	REG	01/13/21	LEAD	HS21010577	0.001	0.00500	mg/L	UJ

Notes:

Please see Attachment B-1, Table 2 for definitions of qualifiers and reason codes.

LOQ = limit of quantitation

REG = regular samples

SDG = sample delivery group

µg/L = micrograms per liter

Attachment B-1, Table 4: Detected Trip Blank Results and Associated Sample Results

Field Sample ID	Sample Date	Method	Analyte	Result	LOQ	Units	Qualifier	Reason Code
TB-011121	**01/11/2021**	**SW8260C**	**No VOCs detected above the DL.**			**µg/L**		
106063-LTM-011121	01/11/2021	SW8260C						
106064-LTM-011121	01/11/2021	SW8260C						
106064-LTM-011121-FD	01/11/2021	SW8260C						
106MW2I-LTM-011121	01/11/2021	SW8260C						
106EX2-LTM-011121	01/11/2021	SW8260C						
TB-011221	**01/12/2021**	**SW8260C**	**No VOCs detected above the DL.**			**µg/L**		
106MW1I-LTM-011221	01/12/2021	SW8260C						
106EX1-LTM-011221	01/12/2021	SW8260C						
106MW1S-LTM-011221	01/12/2021	SW8260C						
106IN1-LTM-011221	01/12/2021	SW8260C						
TB-011321	**01/13/2021**	**SW8260C**	**No VOCs detected above the DL.**			**µg/L**		
106MW2S-LTM-011321	01/13/2021	SW8260C						

Notes:
Please see Attachment B-1 Table 2 for definitions of qualifiers and reason codes.
LOQ = limit of quantitation
µg/L = micrograms per liter
ND = not detected at the limit of detection
TB = trip blank

Attachment B-1, Table 5: Field Duplicate Summary

Test Group	Parameter	Location Code		KAFB-106064				Relative Percent Difference
		Sample Number		106064-LTM-011121		106064-LTM-011121-		
		Sample Date		01/11/2021		01/11/2021		
		Sample Purpose		REG		FD		
		Sample Type		WG		WG		
		Units	Filtered	Result	VQ	Result	VQ	
EDB	1,2-DIBROMOETHANE	µg/L	N	0.01	U	0.01	U	NC
FATTY ACIDS	ACETIC ACID	mg/L	N	0.9	J	0.1	J	NC
	BUTYRIC ACID	mg/L	N	10	U	10	U	NC
	FORMIC ACID	mg/L	N	1.2	J	1.8	J	NC
	LACTIC ACID	mg/L	N	1.1	J	1.6	J	NC
	PROPIONIC ACID	mg/L	N	10	U	10	U	NC
	PYRUVIC ACID	mg/L	N	10	U	10	U	NC
	VALERIC ACID	mg/L	N	10	U	10	U	NC
GASES	ACETYLENE	µg/L	N	10	U	10	U	NC
	ETHANE	µg/L	N	10.3		9.8		5.0
	ETHYLENE	µg/L	N	0.8	J	0.7	J	NC
	METHANE	µg/L	N	9750		8970		8.3
	PROPANE	µg/L	N	6	J	5.6		NC
GENERAL CHEMISTRY	ALKALINITY, TOTAL	mg/L	N	632		630		0.3
	BROMIDE	mg/L	N	0.937		0.881		6.2
	CHLORIDE	mg/L	N	48.8		47.4		2.9
	IODIDE	mg/L	T	4.6	J	4.9	J	6.3
	NITRATE	mg/L	N	0.068	J	0.1	U	NC
	NITRITE	mg/L	N	0.1	U	0.1	U	NC
	PHOSPHORUS	mg/L	D	0.025	U	0.025	U	NC
	SULFATE	mg/L	N	0.216	J	0.232	J	NC
METALS	LEAD	mg/L	T	0.001	U	0.001	U	NC

Attachment B-1, Table 5: Field Duplicate Summary

Test Group	Parameter	Location Code		KAFB-106064				Relative Percent Difference
		Sample Number		106064-LTM-011121		106064-LTM-011121-		
		Sample Date		01/11/2021		01/11/2021		
		Sample Purpose		REG		FD		
		Sample Type		WG		WG		
		Units	Filtered	Result	VQ	Result	VQ	
METALS, DISSOLVED	IRON	mg/L	D	5.93		6.12		3.2
	MANGANESE	mg/L	D	7.35		7.93		7.6
VOLATILES	1,1,2-TRICHLOROETHANE	µg/L	N	10	U	10	U	NC
	1,2,4-TRICHLOROBENZENE	µg/L	N	10	U	10	U	NC
	1,2-DIBROMOETHANE	µg/L	N	5	U	5	U	NC
	1,2-DICHLOROETHANE	µg/L	N	5	U	5	U	NC
	1,3,5-TRIMETHYLBENZENE	µg/L	N	130		120		8.0
	2-BUTANONE	µg/L	N	10	U	10	U	NC
	2-CHLOROTOLUENE	µg/L	N	10	U	10	U	NC
	2-HEXANONE	µg/L	N	20	U	20	U	NC
	4-METHYL-2-PENTANONE	µg/L	N	20	U	20	U	NC
	ACETONE	µg/L	N	20	U	20	U	NC
	BENZENE	µg/L	N	3000		3000		0.0
	CARBON DISULFIDE	µg/L	N	20	U	20	U	NC
	CHLOROMETHANE	µg/L	N	5	U	5	U	NC
	CIS-1,2-DICHLOROETHENE	µg/L	N	5	U	5	U	NC
	DICHLORODIFLUOROMETHANE	µg/L	N	10	U	10	U	NC
	ETHYLBENZENE	µg/L	N	1600		1500		6.5
	ISOPROPYLBENZENE	µg/L	N	160		150		6.5
	M,P-XYLENES	µg/L	N	3200		3100		3.2
	METHYL TERT-BUTYL ETHER	µg/L	N	5	U	5	U	NC
	METHYLENE CHLORIDE	µg/L	N	20	U	20	U	NC
	NAPHTHALENE	µg/L	N	110		110		0.0
	N-BUTYLBENZENE	µg/L	N	19		18		5.4
VOLATILES	N-PROPYLBENZENE	µg/L	N	120		110		8.7
	O-XYLENE	µg/L	N	1400		1300		7.4
	P-ISOPROPYLTOLUENE	µg/L	N	41		39		5.0
	SEC-BUTYLBENZENE	µg/L	N	21		18		15.4

Attachment B-1, Table 5: Field Duplicate Summary

Test Group	Parameter	Location Code		KAFB-106064				Relative Percent Difference
		Sample Number		106064-LTM-011121		106064-LTM-011121-		
		Sample Date		01/11/2021		01/11/2021		
		Sample Purpose		REG		FD		
		Sample Type		WG		WG		
		Units	Filtered	Result	VQ	Result	VQ	
	TERT-BUTYLBENZENE	µg/L	N	10	U	10	U	NC
	TETRACHLOROETHENE	µg/L	N	10	U	10	U	NC
	TOLUENE	µg/L	N	49		46		6.3
	TRANS-1,2-DICHLOROETHENE	µg/L	N	5	U	5	U	NC
	TRICHLOROETHENE	µg/L	N	5	U	5	U	NC
	TRICHLOROFLUOROMETHANE	µg/L	N	10	U	10	U	NC
	VINYL CHLORIDE	µg/L	N	5	U	5	U	NC
	XYLENES	µg/L	N	4600		4400		4.4

Notes:
Please see Attachment B-1 Table 2 for definitions of qualifiers and reason codes
mg/L = milligrams per liter
µg/L = micrograms per liter
REG = regular sample
FD = field duplicate
WG = groundwater
NC = Not calculated
VQ = validation qualifier
D = dissolved
N = not filtered
T = Total

Field precision is only calculated when the analyte concentration is reported at or above the limit of quantitation in both the primary and the duplicate sample.

Precision formula = 100 x |Primary Result - Duplicate Result| / ((Primary Result + Duplicate Result) / 2)

Attachment B-1 Table 6: Holding Time and Technical Completeness

Analytical Method		Number of Analytes	Number of Samples	Number of Results	Number of Holding Time Compliant Results	Number of Useable Results	Holding Time Completeness [Goal = 100 %] (percent)	Technical Completeness [Goal = 90 %] (percent)
Environmental Samples								
	E300	1	10	10	10	10	100	100
	E300M	7	10	70	70	70	100	100
	E365.3	1	10	10	9	10	90	100
	QUANTARRAY	29	9	261	261	261	100	100
	RSK-175	5	10	50	50	50	100	100
	SM2320B	1	10	10	10	10	100	100
	SW6020A	1	10	10	10	10	100	100
	SW6020A-DISS	2	10	20	20	20	100	100
	SW8011	1	10	10	10	10	100	100
	SW8260C	34	10	340	340	340	100	100
	SW9056A	5	10	50	48	50	96	100
Field QC Samples								
	SW8260C	34	3	102	102	102	100	100

Notes:

* not all samples have equal analytes per method

% = percent

QC = quality control

Appendix D-3

Data Packages - Groundwater Samples

(January-March 2021)

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-25437-1
Client Project/Site: Kirtland AFB - GWM & IRM Op Mod

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
1/19/2021 1:02:52 PM

Darlene Bandy, Project Manager I
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Darlene.Bandy@Eurofinset.com

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy
Project Manager I
1/19/2021 1:02:52 PM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Laboratory Job ID: 410-25437-1

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-25437-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
M	Manual integrated compound.
Q	One or more quality control criteria failed.
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25437-1

Job ID: 410-25437-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-25437-1

Receipt
The samples were received on 1/5/2021 10:53 AM; the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.2°C, 0.4°C, 0.5°C and 0.6°C

GC Semi VOA
Method 8011_DOD5: The continuing calibration verification (CCV) associated with batch 410-83799 recovered above the upper control limit for Ethylene Dibromide on the primary column. The data is reported for Ethylene Dibromide from the confirmation column. The associated sample is: GW205-211 (410-25437-8).

Method 8011_DOD5: The continuing calibration verification (CCV) associated with batch 410-83116 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane-(Surrogate). The samples associated with this CCV were non-detects for the affected analytes; Ethylene Dibromide. Therefore, the data have been reported. The associated samples are: GW224-211 (410-25437-12), TB211-03 (410-25437-13), GW218-211 (410-25437-14), GW218-611 (410-25437-15), GW217-211 (410-25437-16) and TB211-04 (410-25437-17).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-25437-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW207-211 — **Lab Sample ID: 410-25437-1**

No Detections.

Client Sample ID: GW208-211 — **Lab Sample ID: 410-25437-2**

No Detections.

Client Sample ID: GW209-211 — **Lab Sample ID: 410-25437-3**

No Detections.

Client Sample ID: TB211-01 — **Lab Sample ID: 410-25437-4**

No Detections.

Client Sample ID: GW216-211 — **Lab Sample ID: 410-25437-5**

No Detections.

Client Sample ID: GW204-211 — **Lab Sample ID: 410-25437-6**

No Detections.

Client Sample ID: GW204-611 — **Lab Sample ID: 410-25437-7**

No Detections.

Client Sample ID: GW205-211 — **Lab Sample ID: 410-25437-8**

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (2C)	0.014	J	0.029	0.019	0.0096	ug/L	1		8011	Total/NA

Client Sample ID: TB211-02 — **Lab Sample ID: 410-25437-9**

No Detections.

Client Sample ID: GW222-211 — **Lab Sample ID: 410-25437-10**

No Detections.

Client Sample ID: GW223-211 — **Lab Sample ID: 410-25437-11**

No Detections.

Client Sample ID: GW224-211 — **Lab Sample ID: 410-25437-12**

No Detections.

Client Sample ID: TB211-03 — **Lab Sample ID: 410-25437-13**

No Detections.

Client Sample ID: GW218-211 — **Lab Sample ID: 410-25437-14**

No Detections.

Client Sample ID: GW218-611 — **Lab Sample ID: 410-25437-15**

No Detections.

Client Sample ID: GW217-211 — **Lab Sample ID: 410-25437-16**

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-25437-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: TB211-04 **Lab Sample ID: 410-25437-17**

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25437-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW207-211
Lab Sample ID: 410-25437-1
Date Collected: 01/04/21 11:27
Matrix: Water
Date Received: 01/05/21 10:53

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/11/21 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*108*		*46 - 136*	*01/07/21 04:37*	*01/11/21 20:40*	*1*
1,1,2,2-Tetrachloroethane (2C)	*107*		*46 - 136*	*01/07/21 04:37*	*01/11/21 20:40*	*1*

Client Sample ID: GW208-211
Lab Sample ID: 410-25437-2
Date Collected: 01/04/21 11:40
Matrix: Water
Date Received: 01/05/21 10:53

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/11/21 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*102*	*M*	*46 - 136*	*01/07/21 04:37*	*01/11/21 20:57*	*1*
1,1,2,2-Tetrachloroethane (2C)	*108*		*46 - 136*	*01/07/21 04:37*	*01/11/21 20:57*	*1*

Client Sample ID: GW209-211
Lab Sample ID: 410-25437-3
Date Collected: 01/04/21 11:57
Matrix: Water
Date Received: 01/05/21 10:53

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/11/21 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*109*	*M*	*46 - 136*	*01/07/21 04:37*	*01/11/21 21:14*	*1*
1,1,2,2-Tetrachloroethane (2C)	*110*		*46 - 136*	*01/07/21 04:37*	*01/11/21 21:14*	*1*

Client Sample ID: TB211-01
Lab Sample ID: 410-25437-4
Date Collected: 01/04/21 13:00
Matrix: Water
Date Received: 01/05/21 10:53

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U	0.029	0.019	0.0096	ug/L		01/11/21 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*125*		*46 - 136*	*01/07/21 04:37*	*01/11/21 21:31*	*1*
1,1,2,2-Tetrachloroethane (2C)	*114*		*46 - 136*	*01/07/21 04:37*	*01/11/21 21:31*	*1*

Client Sample ID: GW216-211
Lab Sample ID: 410-25437-5
Date Collected: 01/04/21 10:10
Matrix: Water
Date Received: 01/05/21 10:53

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0095	ug/L		01/11/21 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*108*	*M*	*46 - 136*	*01/07/21 04:37*	*01/11/21 21:48*	*1*
1,1,2,2-Tetrachloroethane (2C)	*112*		*46 - 136*	*01/07/21 04:37*	*01/11/21 21:48*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25437-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW204-211
Lab Sample ID: 410-25437-6
Date Collected: 01/04/21 12:50
Matrix: Water
Date Received: 01/05/21 10:53

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/11/21 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*109*	*M*	*46 - 136*	*01/07/21 04:37*	*01/11/21 22:05*	*1*
1,1,2,2-Tetrachloroethane (2C)	*105*		*46 - 136*	*01/07/21 04:37*	*01/11/21 22:05*	*1*

Client Sample ID: GW204-611
Lab Sample ID: 410-25437-7
Date Collected: 01/04/21 12:50
Matrix: Water
Date Received: 01/05/21 10:53

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/11/21 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*104*	*M*	*46 - 136*	*01/07/21 04:37*	*01/11/21 22:22*	*1*
1,1,2,2-Tetrachloroethane (2C)	*106*		*46 - 136*	*01/07/21 04:37*	*01/11/21 22:22*	*1*

Client Sample ID: GW205-211
Lab Sample ID: 410-25437-8
Date Collected: 01/04/21 12:26
Matrix: Water
Date Received: 01/05/21 10:53

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	**0.014**	**J**	0.029	0.019	0.0096	ug/L		01/11/21 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*113*	*M Q*	*46 - 136*	*01/07/21 04:37*	*01/11/21 22:56*	*1*
1,1,2,2-Tetrachloroethane (2C)	*109*		*46 - 136*	*01/07/21 04:37*	*01/11/21 22:56*	*1*

Client Sample ID: TB211-02
Lab Sample ID: 410-25437-9
Date Collected: 01/04/21 13:00
Matrix: Water
Date Received: 01/05/21 10:53

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U	0.029	0.019	0.0097	ug/L		01/11/21 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*124*	*Q*	*46 - 136*	*01/07/21 04:37*	*01/11/21 23:13*	*1*
1,1,2,2-Tetrachloroethane (2C)	*111*		*46 - 136*	*01/07/21 04:37*	*01/11/21 23:13*	*1*

Client Sample ID: GW222-211
Lab Sample ID: 410-25437-10
Date Collected: 01/04/21 11:05
Matrix: Water
Date Received: 01/05/21 10:53

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U Q	0.029	0.019	0.0097	ug/L		01/11/21 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*112*	*M Q*	*46 - 136*	*01/07/21 04:37*	*01/11/21 23:30*	*1*
1,1,2,2-Tetrachloroethane (2C)	*111*		*46 - 136*	*01/07/21 04:37*	*01/11/21 23:30*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25437-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW223-211
Lab Sample ID: 410-25437-11
Date Collected: 01/04/21 10:46
Matrix: Water
Date Received: 01/05/21 10:53

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U Q	0.029	0.019	0.0097	ug/L		01/11/21 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*99*	*M Q*	*46 - 136*	*01/07/21 04:37*	*01/11/21 23:47*	*1*
1,1,2,2-Tetrachloroethane (2C)	*113*		*46 - 136*	*01/07/21 04:37*	*01/11/21 23:47*	*1*

Client Sample ID: GW224-211
Lab Sample ID: 410-25437-12
Date Collected: 01/04/21 10:28
Matrix: Water
Date Received: 01/05/21 10:53

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/08/21 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*81*	*Q*	*46 - 136*	*01/07/21 04:59*	*01/08/21 04:54*	*1*
1,1,2,2-Tetrachloroethane (2C)	*93*		*46 - 136*	*01/07/21 04:59*	*01/08/21 04:54*	*1*

Client Sample ID: TB211-03
Lab Sample ID: 410-25437-13
Date Collected: 01/04/21 13:00
Matrix: Water
Date Received: 01/05/21 10:53

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/08/21 05:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*81*	*Q*	*46 - 136*	*01/07/21 04:59*	*01/08/21 05:11*	*1*
1,1,2,2-Tetrachloroethane (2C)	*101*		*46 - 136*	*01/07/21 04:59*	*01/08/21 05:11*	*1*

Client Sample ID: GW218-211
Lab Sample ID: 410-25437-14
Date Collected: 01/04/21 09:35
Matrix: Water
Date Received: 01/05/21 10:53

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/08/21 05:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*88*	*Q*	*46 - 136*	*01/07/21 04:59*	*01/08/21 05:27*	*1*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*	*01/07/21 04:59*	*01/08/21 05:27*	*1*

Client Sample ID: GW218-611
Lab Sample ID: 410-25437-15
Date Collected: 01/04/21 09:35
Matrix: Water
Date Received: 01/05/21 10:53

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/08/21 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*87*	*Q*	*46 - 136*	*01/07/21 04:59*	*01/08/21 05:44*	*1*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*	*01/07/21 04:59*	*01/08/21 05:44*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25437-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW217-211 — **Lab Sample ID: 410-25437-16**
Date Collected: 01/04/21 09:53 — **Matrix: Water**
Date Received: 01/05/21 10:53

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/08/21 06:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*91*	*Q*	*46 - 136*	*01/07/21 04:59*	*01/08/21 06:01*	*1*
1,1,2,2-Tetrachloroethane (2C)	*103*		*46 - 136*	*01/07/21 04:59*	*01/08/21 06:01*	*1*

Client Sample ID: TB211-04 — **Lab Sample ID: 410-25437-17**
Date Collected: 01/04/21 13:00 — **Matrix: Water**
Date Received: 01/05/21 10:53

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.028	0.019	0.0095	ug/L		01/08/21 06:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*79*	*Q*	*46 - 136*	*01/07/21 04:59*	*01/08/21 06:18*	*1*
1,1,2,2-Tetrachloroethane (2C)	*99*		*46 - 136*	*01/07/21 04:59*	*01/08/21 06:18*	*1*

Surrogate Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25437-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1122TCA1 (46-136)	1122TCA2 (46-136)								
410-25437-1	GW207-211	108	107								
410-25437-2	GW208-211	102 M	108								
410-25437-3	GW209-211	109 M	110								
410-25437-4	TB211-01	125	114								
410-25437-5	GW216-211	108 M	112								
410-25437-6	GW204-211	109 M	105								
410-25437-7	GW204-611	104 M	106								
410-25437-8	GW205-211	113 M Q	109								
410-25437-9	TB211-02	124 Q	111								
410-25437-10	GW222-211	112 M Q	111								
410-25437-11	GW223-211	99 M Q	113								
410-25437-12	GW224-211	81 Q	93								
410-25437-13	TB211-03	81 Q	101								
410-25437-14	GW218-211	88 Q	100								
410-25437-15	GW218-611	87 Q	100								
410-25437-16	GW217-211	91 Q	103								
410-25437-17	TB211-04	79 Q	99								
LCS 410-82772/2-A	Lab Control Sample	87	105								
LCS 410-82782/2-A	Lab Control Sample	85	100								
LCSD 410-82772/3-A	Lab Control Sample Dup	100	109								
LCSD 410-82782/3-A	Lab Control Sample Dup	92	106								
MB 410-82772/1-A	Method Blank	95	105								
MB 410-82782/1-A	Method Blank	90	108								

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25437-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-82772/1-A
Matrix: Water
Analysis Batch: 83116

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82772

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/07/21 20:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*95*		*46 - 136*	*01/07/21 04:37*	*01/07/21 20:48*	*1*
1,1,2,2-Tetrachloroethane (2C)	*105*		*46 - 136*	*01/07/21 04:37*	*01/07/21 20:48*	*1*

Lab Sample ID: LCS 410-82772/2-A
Matrix: Water
Analysis Batch: 83116

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82772

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide (1C)			0.128	0.120		ug/L		94	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*87*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*105*		*46 - 136*

Lab Sample ID: LCSD 410-82772/3-A
Matrix: Water
Analysis Batch: 83116

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 82772

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.135		ug/L		105	60 - 140	12	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*100*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*109*		*46 - 136*

Lab Sample ID: MB 410-82782/1-A
Matrix: Water
Analysis Batch: 83116

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82782

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/07/21 21:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*90*		*46 - 136*	*01/07/21 04:59*	*01/07/21 21:38*	*1*
1,1,2,2-Tetrachloroethane (2C)	*108*		*46 - 136*	*01/07/21 04:59*	*01/07/21 21:38*	*1*

Lab Sample ID: LCS 410-82782/2-A
Matrix: Water
Analysis Batch: 83116

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82782

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide (1C)			0.128	0.116		ug/L		91	60 - 140		

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25437-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 410-82782/2-A
Matrix: Water
Analysis Batch: 83116

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82782

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,1,2,2-Tetrachloroethane (1C)	85		46 - 136
1,1,2,2-Tetrachloroethane (2C)	100		46 - 136

Lab Sample ID: LCSD 410-82782/3-A
Matrix: Water
Analysis Batch: 83116

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 82782

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.118		ug/L		92	60 - 140	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,1,2,2-Tetrachloroethane (1C)	92		46 - 136
1,1,2,2-Tetrachloroethane (2C)	106		46 - 136

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25437-1

GC Semi VOA

Prep Batch: 82772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25437-1	GW207-211	Total/NA	Water	8011	
410-25437-2	GW208-211	Total/NA	Water	8011	
410-25437-3	GW209-211	Total/NA	Water	8011	
410-25437-4	TB211-01	Total/NA	Water	8011	
410-25437-5	GW216-211	Total/NA	Water	8011	
410-25437-6	GW204-211	Total/NA	Water	8011	
410-25437-7	GW204-611	Total/NA	Water	8011	
410-25437-8	GW205-211	Total/NA	Water	8011	
410-25437-9	TB211-02	Total/NA	Water	8011	
410-25437-10	GW222-211	Total/NA	Water	8011	
410-25437-11	GW223-211	Total/NA	Water	8011	
MB 410-82772/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-82772/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-82772/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Prep Batch: 82782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25437-12	GW224-211	Total/NA	Water	8011	
410-25437-13	TB211-03	Total/NA	Water	8011	
410-25437-14	GW218-211	Total/NA	Water	8011	
410-25437-15	GW218-611	Total/NA	Water	8011	
410-25437-16	GW217-211	Total/NA	Water	8011	
410-25437-17	TB211-04	Total/NA	Water	8011	
MB 410-82782/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-82782/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-82782/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 83116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25437-12	GW224-211	Total/NA	Water	8011	82782
410-25437-13	TB211-03	Total/NA	Water	8011	82782
410-25437-14	GW218-211	Total/NA	Water	8011	82782
410-25437-15	GW218-611	Total/NA	Water	8011	82782
410-25437-16	GW217-211	Total/NA	Water	8011	82782
410-25437-17	TB211-04	Total/NA	Water	8011	82782
MB 410-82772/1-A	Method Blank	Total/NA	Water	8011	82772
MB 410-82782/1-A	Method Blank	Total/NA	Water	8011	82782
LCS 410-82772/2-A	Lab Control Sample	Total/NA	Water	8011	82772
LCS 410-82782/2-A	Lab Control Sample	Total/NA	Water	8011	82782
LCSD 410-82772/3-A	Lab Control Sample Dup	Total/NA	Water	8011	82772
LCSD 410-82782/3-A	Lab Control Sample Dup	Total/NA	Water	8011	82782

Analysis Batch: 83799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25437-1	GW207-211	Total/NA	Water	8011	82772
410-25437-2	GW208-211	Total/NA	Water	8011	82772
410-25437-3	GW209-211	Total/NA	Water	8011	82772
410-25437-4	TB211-01	Total/NA	Water	8011	82772
410-25437-5	GW216-211	Total/NA	Water	8011	82772
410-25437-6	GW204-211	Total/NA	Water	8011	82772
410-25437-7	GW204-611	Total/NA	Water	8011	82772

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25437-1

GC Semi VOA (Continued)

Analysis Batch: 83799 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25437-8	GW205-211	Total/NA	Water	8011	82772
410-25437-9	TB211-02	Total/NA	Water	8011	82772
410-25437-10	GW222-211	Total/NA	Water	8011	82772
410-25437-11	GW223-211	Total/NA	Water	8011	82772

Lab Chronicle

Client: EA Engineering, Science, and Technology
Job ID: 410-25437-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW207-211
Lab Sample ID: 410-25437-1
Date Collected: 01/04/21 11:27
Matrix: Water
Date Received: 01/05/21 10:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82772	01/07/21 04:37	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/11/21 20:40	UAMZ	ELLE

Client Sample ID: GW208-211
Lab Sample ID: 410-25437-2
Date Collected: 01/04/21 11:40
Matrix: Water
Date Received: 01/05/21 10:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82772	01/07/21 04:37	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/11/21 20:57	UAMZ	ELLE

Client Sample ID: GW209-211
Lab Sample ID: 410-25437-3
Date Collected: 01/04/21 11:57
Matrix: Water
Date Received: 01/05/21 10:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82772	01/07/21 04:37	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/11/21 21:14	UAMZ	ELLE

Client Sample ID: TB211-01
Lab Sample ID: 410-25437-4
Date Collected: 01/04/21 13:00
Matrix: Water
Date Received: 01/05/21 10:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82772	01/07/21 04:37	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/11/21 21:31	UAMZ	ELLE

Client Sample ID: GW216-211
Lab Sample ID: 410-25437-5
Date Collected: 01/04/21 10:10
Matrix: Water
Date Received: 01/05/21 10:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82772	01/07/21 04:37	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/11/21 21:48	UAMZ	ELLE

Client Sample ID: GW204-211
Lab Sample ID: 410-25437-6
Date Collected: 01/04/21 12:50
Matrix: Water
Date Received: 01/05/21 10:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82772	01/07/21 04:37	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/11/21 22:05	UAMZ	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25437-1

Client Sample ID: GW204-611 — **Lab Sample ID: 410-25437-7**
Date Collected: 01/04/21 12:50 — **Matrix: Water**
Date Received: 01/05/21 10:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82772	01/07/21 04:37	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/11/21 22:22	UAMZ	ELLE

Client Sample ID: GW205-211 — **Lab Sample ID: 410-25437-8**
Date Collected: 01/04/21 12:26 — **Matrix: Water**
Date Received: 01/05/21 10:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82772	01/07/21 04:37	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/11/21 22:56	UAMZ	ELLE

Client Sample ID: TB211-02 — **Lab Sample ID: 410-25437-9**
Date Collected: 01/04/21 13:00 — **Matrix: Water**
Date Received: 01/05/21 10:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82772	01/07/21 04:37	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/11/21 23:13	UAMZ	ELLE

Client Sample ID: GW222-211 — **Lab Sample ID: 410-25437-10**
Date Collected: 01/04/21 11:05 — **Matrix: Water**
Date Received: 01/05/21 10:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82772	01/07/21 04:37	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/11/21 23:30	UAMZ	ELLE

Client Sample ID: GW223-211 — **Lab Sample ID: 410-25437-11**
Date Collected: 01/04/21 10:46 — **Matrix: Water**
Date Received: 01/05/21 10:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82772	01/07/21 04:37	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/11/21 23:47	UAMZ	ELLE

Client Sample ID: GW224-211 — **Lab Sample ID: 410-25437-12**
Date Collected: 01/04/21 10:28 — **Matrix: Water**
Date Received: 01/05/21 10:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83116	01/08/21 04:54	AC3T	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25437-1

Client Sample ID: TB211-03
Lab Sample ID: 410-25437-13
Date Collected: 01/04/21 13:00
Matrix: Water
Date Received: 01/05/21 10:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83116	01/08/21 05:11	AC3T	ELLE

Client Sample ID: GW218-211
Lab Sample ID: 410-25437-14
Date Collected: 01/04/21 09:35
Matrix: Water
Date Received: 01/05/21 10:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83116	01/08/21 05:27	AC3T	ELLE

Client Sample ID: GW218-611
Lab Sample ID: 410-25437-15
Date Collected: 01/04/21 09:35
Matrix: Water
Date Received: 01/05/21 10:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83116	01/08/21 05:44	AC3T	ELLE

Client Sample ID: GW217-211
Lab Sample ID: 410-25437-16
Date Collected: 01/04/21 09:53
Matrix: Water
Date Received: 01/05/21 10:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83116	01/08/21 06:01	AC3T	ELLE

Client Sample ID: TB211-04
Lab Sample ID: 410-25437-17
Date Collected: 01/04/21 13:00
Matrix: Water
Date Received: 01/05/21 10:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83116	01/08/21 06:18	AC3T	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-25437-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	01-31-21

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-25437-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Method	Method Description	Protocol	Laboratory
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
8011	Microextraction	SW846	ELLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-25437-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-25437-1	GW207-211	Water	01/04/21 11:27	01/05/21 10:53	
410-25437-2	GW208-211	Water	01/04/21 11:40	01/05/21 10:53	
410-25437-3	GW209-211	Water	01/04/21 11:57	01/05/21 10:53	
410-25437-4	TB211-01	Water	01/04/21 13:00	01/05/21 10:53	
410-25437-5	GW216-211	Water	01/04/21 10:10	01/05/21 10:53	
410-25437-6	GW204-211	Water	01/04/21 12:50	01/05/21 10:53	
410-25437-7	GW204-611	Water	01/04/21 12:50	01/05/21 10:53	
410-25437-8	GW205-211	Water	01/04/21 12:26	01/05/21 10:53	
410-25437-9	TB211-02	Water	01/04/21 13:00	01/05/21 10:53	
410-25437-10	GW222-211	Water	01/04/21 11:05	01/05/21 10:53	
410-25437-11	GW223-211	Water	01/04/21 10:46	01/05/21 10:53	
410-25437-12	GW224-211	Water	01/04/21 10:28	01/05/21 10:53	
410-25437-13	TB211-03	Water	01/04/21 13:00	01/05/21 10:53	
410-25437-14	GW218-211	Water	01/04/21 09:35	01/05/21 10:53	
410-25437-15	GW218-611	Water	01/04/21 09:35	01/05/21 10:53	
410-25437-16	GW217-211	Water	01/04/21 09:53	01/05/21 10:53	
410-25437-17	TB211-04	Water	01/04/21 13:00	01/05/21 10:53	

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

410-25437 Chain of Custody

CHAIN OF CUSTODY RECORD

COC NUMBER: COC-207-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW207-211	01/04/2021	1127	2				2						
	AK													

TB211-01

SAMPLER(S): A. Rosebrough, N. Schmaltz

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7967

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
Amy Rosebrough	1-4-2021	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Pratt	1/5/21	1053

FAM

JR

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-208-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate and Bicarbonate)	COMMENTS
1	GW208-211	1-4-2021	1140	2				2						

TB211- 01

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7967

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-4-2021	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Rutt	1/5/21	1053

JR

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-209-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO: Amanda Smith: asmith@eaest.com EA	YEAR: 2021
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW209-211	01/04/2021	1157	2				2						
	AR													

TB211- 01

SAMPLER(S): A. Roseborough, O. Schneelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7967

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
Amj Roseborough	1-4-2021	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Rutt	1/5/21	1053

JR

225 Schiling Circle Suite
400 Hunt Valley MD
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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-01

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate and Bicarbonate)	COMMENTS
1	TB211-01	1/4/21	1300	2		~~2~~ JL		2						
			JRL											

Associated with:
GW207-211
GW208-211
GW209-211

TB211-01

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7967

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
J Livingston	1/4/21	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reitt	1/5/21	1053

JR

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Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-216-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate and Bicarbonate)	COMMENTS
1	GW216-211	1-4-2021	1010	2		X		2						

TB211- 02

SAMPLER(S): D. Schmeelk A. Rosebrough			COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7978		
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1/4/21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reiff	1/5/21	1044

JR

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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-204-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW204-211	01/04/2020	1250	2				2						
2	GW204-611	01/04/2020	1250	2				2						
AR														

TB211- 02

SAMPLER(S): A. Rosebrough, D. Schmeltz
COURIER AND SHIPPING NUMBER: FedEx 9161 4700 7978

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
Amy Rosebrough	1/4/21	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reiff	1/5/21	1044

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-205-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA	2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	Chloride, bromide, sulfate (300.0)	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW205-211	01/04/2020	1226	2				2						
~~2~~	~~GW205-211~~	01/04/2020	1220	2				2						
AA														

TB211- 02

SAMPLER(S): D. Schmeltz, A. Rosebrough			COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7978		
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	1-4-2021	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reitt	1/5/21	1044

JR

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-02

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA	2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295		LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-02	1/4/21	1300	2		2		2						
			JRL											

Associated with:
GW204-211 GW204-611
GW205-211
GW216-211

TB211-02

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7978

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
J Livingston	1/4/21	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reiff	1/5/21	1044

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400 Hunt Valley MD
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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-222-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA	2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295		LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW222-211	01/04/2021	1105	2				2						
	AR													

TB211- 05

SAMPLER(S): D. Schmeelk, A. Kosebrough

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7989

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Andy Kosebrough	1/4/21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: NICOLE RUTT	1/5/21	1048 EDT

JR

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-223-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW223-211	01/04/2021	1046	2	←			2						

TB211- 03

SAMPLER(S): O. Schmeeckle A. Rosebrough

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7989

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
Amy Rosebrough	1/4/21	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reitt	1/5/21	1048 EMG

SR

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-224-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW224-211	01/04/2021	1028	2				2						

TB211- 03

SAMPLER(S): D. Schmaelle, A. Roseborough

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7989

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Roseborough	1/4/21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reitz	1/5/21	1048

JR

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-03

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211- 03	1/4/21	1300	2		2 JL		2						

Associated with:
GW222-211
GW223-211
GW229-211

TB211- 03

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7989

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: J Livingston	1/4/21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reitt	1/5/21	1048 EDT

JR

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-218-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111 | LAB PO NUMBER: 21295 | LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW218-211	1-4-2021	0935	2		X		2						X
2	GW218-611	1-4-2021	0935	2		X		2						

TB211- 04

SAMPLER(S): D. Schaelly A. Roseborough

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7912

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
Amy Roseborough	1/4/21	1000			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reiff	1/5/21	1049

JR

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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-217-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	Nitrate-Nitrite (353.2)	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW217-211	01/04/2021	0953	2				2						
AR														

TB211- 04

SAMPLER(S): D. Schmeelk, A. Roseborough
COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7912

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Roseborough	1/4/21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Rutt	1/5/21	2049

JR

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400 Hunt Valley MD
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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-04

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111 | LAB PO NUMBER: 21295 | LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-04	1/4/21	1300	2		3		2						
			JRL											

Associated with:
GW217-211
GW218-211
GW218-611

TB211-04

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7912

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
J Livingston	1/4/21	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Ruitt	1/5/21	1049

JR

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-25437-1

Login Number: 25437
List Number: 1
Creator: Rivera-Santa, Julissa

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-25516-1
Client Project/Site: Kirtland AFB - GWM & IRM Op Mod

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
1/19/2021 12:55:59 PM

Darlene Bandy, Project Manager I
(303)736-0188
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LINKS

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Have a Question? Ask The Expert

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy

Darlene Bandy
Project Manager I
1/19/2021 12:55:59 PM

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-25516-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
M	Manual integrated compound.
Q	One or more quality control criteria failed.
U	Undetected at the Limit of Detection.

HPLC/IC

Qualifier	Qualifier Description
D	The reported value is from a dilution.
U	Undetected at the Limit of Detection.

Metals

Qualifier	Qualifier Description
B	Blank contamination: The analyte was detected above one-half the reporting limit in an associated blank.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
U	Undetected at the Limit of Detection.

General Chemistry

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-25516-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25516-1

Job ID: 410-25516-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-25516-1

Receipt
The samples were received on 1/6/2021 9:29 AM; the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.2°C, 0.3°C, 0.3°C, 0.4°C and 0.6°C

GC Semi VOA
Method 8011_DOD5: The continuing calibration verification (CCV) associated with batch 410-83116 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane. The samples associated with this CCV were non-detects for the affected analytes; Ethylene Dibromide. Therefore, the data have been reported. The associated samples are: TB211-05 (410-25516-1), GW235-438-211 (410-25516-2), GW235-472-211 (410-25516-3) and (410-25516-A-3-A DU).

Method 8011_DOD5: The continuing calibration verification (CCV) associated with batch 410-83799 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane. The samples associated with this CCV were non-detects for the affected analytes; Ethylene Dibromide. Therefore, the data have been reported. The associated samples are GW235-501-211 (410-25516-4), TB211-06 (410-25516-5), GW236-436-211 (410-25516-6), GW236-436-611 (410-25516-7), GW236-470-211 (410-25516-8), GW236-499-211 (410-25516-9), TB211-07 (410-25516-10), GW031-211 (410-25516-11), GW030-211 (410-25516-12), GW029-211 (410-25516-13), TB211-08 (410-25516-14), GW232-211 (410-25516-15), GW231-211 (410-25516-16), TB211-09 (410-25516-17), GW242-418-211 (410-25516-18) and GW206-211 (410-25516-19).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25516-1

Client Sample ID: TB211-05 — **Lab Sample ID: 410-25516-1**

No Detections.

Client Sample ID: GW235-438-211 — **Lab Sample ID: 410-25516-2**

No Detections.

Client Sample ID: GW235-472-211 — **Lab Sample ID: 410-25516-3**

No Detections.

Client Sample ID: GW235-501-211 — **Lab Sample ID: 410-25516-4**

No Detections.

Client Sample ID: TB211-06 — **Lab Sample ID: 410-25516-5**

No Detections.

Client Sample ID: GW236-436-211 — **Lab Sample ID: 410-25516-6**

No Detections.

Client Sample ID: GW236-436-611 — **Lab Sample ID: 410-25516-7**

No Detections.

Client Sample ID: GW236-470-211 — **Lab Sample ID: 410-25516-8**

No Detections.

Client Sample ID: GW236-499-211 — **Lab Sample ID: 410-25516-9**

No Detections.

Client Sample ID: TB211-07 — **Lab Sample ID: 410-25516-10**

No Detections.

Client Sample ID: GW031-211 — **Lab Sample ID: 410-25516-11**

No Detections.

Client Sample ID: GW030-211 — **Lab Sample ID: 410-25516-12**

No Detections.

Client Sample ID: GW029-211 — **Lab Sample ID: 410-25516-13**

No Detections.

Client Sample ID: TB211-08 — **Lab Sample ID: 410-25516-14**

No Detections.

Client Sample ID: GW232-211 — **Lab Sample ID: 410-25516-15**

No Detections.

Client Sample ID: GW231-211 — **Lab Sample ID: 410-25516-16**

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25516-1

Client Sample ID: TB211-09 — Lab Sample ID: 410-25516-17

No Detections.

Client Sample ID: GW242-418-211 — Lab Sample ID: 410-25516-18

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Chloride	200	D	20	15	10	mg/L	50		EPA 300.0 R2.1	Total/NA
Sulfate	150	D	50	45	15	mg/L	50		EPA 300.0 R2.1	Total/NA
Calcium	160		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	24	B	0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	5.0		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	49		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Arsenic	0.00084	J	0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	120		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	120		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Nitrate Nitrite as N	6.4		0.50	0.45	0.20	mg/L	5		353.2	Total/NA

Client Sample ID: GW206-211 — Lab Sample ID: 410-25516-19

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25516-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: TB211-05
Lab Sample ID: 410-25516-1
Date Collected: 01/05/21 14:00
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/08/21 06:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*77*	*Q*	*46 - 136*	*01/07/21 04:59*	*01/08/21 06:34*	*1*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*	*01/07/21 04:59*	*01/08/21 06:34*	*1*

Client Sample ID: GW235-438-211
Lab Sample ID: 410-25516-2
Date Collected: 01/05/21 12:43
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/08/21 06:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*85*	*Q*	*46 - 136*	*01/07/21 04:59*	*01/08/21 06:51*	*1*
1,1,2,2-Tetrachloroethane (2C)	*93*		*46 - 136*	*01/07/21 04:59*	*01/08/21 06:51*	*1*

Client Sample ID: GW235-472-211
Lab Sample ID: 410-25516-3
Date Collected: 01/05/21 13:00
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/08/21 07:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*90*	*Q*	*46 - 136*	*01/07/21 04:59*	*01/08/21 07:08*	*1*
1,1,2,2-Tetrachloroethane (2C)	*102*		*46 - 136*	*01/07/21 04:59*	*01/08/21 07:08*	*1*

Client Sample ID: GW235-501-211
Lab Sample ID: 410-25516-4
Date Collected: 01/05/21 13:15
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U Q	0.029	0.019	0.0096	ug/L		01/12/21 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*113*	*M Q*	*46 - 136*	*01/07/21 04:59*	*01/12/21 02:03*	*1*
1,1,2,2-Tetrachloroethane (2C)	*110*		*46 - 136*	*01/07/21 04:59*	*01/12/21 02:03*	*1*

Client Sample ID: TB211-06
Lab Sample ID: 410-25516-5
Date Collected: 01/05/21 14:00
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U Q	0.029	0.019	0.0096	ug/L		01/12/21 02:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*123*	*Q*	*46 - 136*	*01/07/21 04:59*	*01/12/21 02:20*	*1*
1,1,2,2-Tetrachloroethane (2C)	*108*		*46 - 136*	*01/07/21 04:59*	*01/12/21 02:20*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25516-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW236-436-211
Lab Sample ID: 410-25516-6
Date Collected: 01/05/21 11:45
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U	0.029	0.019	0.0097	ug/L		01/12/21 02:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*116*	*M Q*	*46 - 136*	*01/07/21 04:59*	*01/12/21 02:37*	*1*
1,1,2,2-Tetrachloroethane (2C)	*113*		*46 - 136*	*01/07/21 04:59*	*01/12/21 02:37*	*1*

Client Sample ID: GW236-436-611
Lab Sample ID: 410-25516-7
Date Collected: 01/05/21 11:45
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U	0.029	0.019	0.0097	ug/L		01/12/21 02:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*110*	*M Q*	*46 - 136*	*01/07/21 04:59*	*01/12/21 02:54*	*1*
1,1,2,2-Tetrachloroethane (2C)	*109*		*46 - 136*	*01/07/21 04:59*	*01/12/21 02:54*	*1*

Client Sample ID: GW236-470-211
Lab Sample ID: 410-25516-8
Date Collected: 01/05/21 12:05
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U Q	0.029	0.019	0.0097	ug/L		01/12/21 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*110*	*M Q*	*46 - 136*	*01/07/21 04:59*	*01/12/21 03:11*	*1*
1,1,2,2-Tetrachloroethane (2C)	*104*		*46 - 136*	*01/07/21 04:59*	*01/12/21 03:11*	*1*

Client Sample ID: GW236-499-211
Lab Sample ID: 410-25516-9
Date Collected: 01/05/21 12:15
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U Q	0.029	0.019	0.0097	ug/L		01/12/21 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*115*	*M Q*	*46 - 136*	*01/07/21 04:59*	*01/12/21 03:28*	*1*
1,1,2,2-Tetrachloroethane (2C)	*111*		*46 - 136*	*01/07/21 04:59*	*01/12/21 03:28*	*1*

Client Sample ID: TB211-07
Lab Sample ID: 410-25516-10
Date Collected: 01/05/21 14:00
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U Q	0.029	0.019	0.0096	ug/L		01/12/21 03:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*120*	*Q*	*46 - 136*	*01/07/21 04:59*	*01/12/21 03:45*	*1*
1,1,2,2-Tetrachloroethane (2C)	*109*		*46 - 136*	*01/07/21 04:59*	*01/12/21 03:45*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25516-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW031-211
Lab Sample ID: 410-25516-11
Date Collected: 01/05/21 09:45
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U Q	0.029	0.019	0.0097	ug/L		01/12/21 04:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*115*	*M Q*	*46 - 136*	*01/07/21 04:59*	*01/12/21 04:02*	*1*
1,1,2,2-Tetrachloroethane (2C)	*108*		*46 - 136*	*01/07/21 04:59*	*01/12/21 04:02*	*1*

Client Sample ID: GW030-211
Lab Sample ID: 410-25516-12
Date Collected: 01/05/21 10:00
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U Q	0.029	0.019	0.0096	ug/L		01/12/21 04:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*120*	*M Q*	*46 - 136*	*01/07/21 04:59*	*01/12/21 04:19*	*1*
1,1,2,2-Tetrachloroethane (2C)	*113*		*46 - 136*	*01/07/21 04:59*	*01/12/21 04:19*	*1*

Client Sample ID: GW029-211
Lab Sample ID: 410-25516-13
Date Collected: 01/05/21 10:15
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U Q	0.029	0.019	0.0095	ug/L		01/12/21 04:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*117*	*M Q*	*46 - 136*	*01/07/21 04:59*	*01/12/21 04:36*	*1*
1,1,2,2-Tetrachloroethane (2C)	*112*		*46 - 136*	*01/07/21 04:59*	*01/12/21 04:36*	*1*

Client Sample ID: TB211-08
Lab Sample ID: 410-25516-14
Date Collected: 01/05/21 14:00
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U Q	0.029	0.019	0.0096	ug/L		01/12/21 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*114*	*Q*	*46 - 136*	*01/06/21 22:41*	*01/12/21 00:04*	*1*
1,1,2,2-Tetrachloroethane (2C)	*104*		*46 - 136*	*01/06/21 22:41*	*01/12/21 00:04*	*1*

Client Sample ID: GW232-211
Lab Sample ID: 410-25516-15
Date Collected: 01/05/21 10:47
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U Q	0.029	0.019	0.0096	ug/L		01/12/21 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*115*	*Q*	*46 - 136*	*01/06/21 22:41*	*01/12/21 00:21*	*1*
1,1,2,2-Tetrachloroethane (2C)	*105*		*46 - 136*	*01/06/21 22:41*	*01/12/21 00:21*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25516-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW231-211
Lab Sample ID: 410-25516-16
Date Collected: 01/05/21 11:00
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U Q	0.029	0.019	0.0096	ug/L		01/12/21 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*111*	*Q*	*46 - 136*	*01/06/21 22:41*	*01/12/21 00:38*	*1*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*	*01/06/21 22:41*	*01/12/21 00:38*	*1*

Client Sample ID: TB211-09
Lab Sample ID: 410-25516-17
Date Collected: 01/05/21 14:00
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U Q	0.029	0.019	0.0097	ug/L		01/12/21 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*112*	*Q*	*46 - 136*	*01/06/21 22:41*	*01/12/21 00:55*	*1*
1,1,2,2-Tetrachloroethane (2C)	*105*		*46 - 136*	*01/06/21 22:41*	*01/12/21 00:55*	*1*

Client Sample ID: GW242-418-211
Lab Sample ID: 410-25516-18
Date Collected: 01/05/21 09:15
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U Q	0.029	0.019	0.0095	ug/L		01/12/21 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*100*	*M Q*	*46 - 136*	*01/06/21 22:41*	*01/12/21 01:12*	*1*
1,1,2,2-Tetrachloroethane (2C)	*111*		*46 - 136*	*01/06/21 22:41*	*01/12/21 01:12*	*1*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	200	U	250	200	130	mg/L		01/08/21 19:09	500
Chloride	**200**	**D**	20	15	10	mg/L		01/08/21 18:50	50
Sulfate	**150**	**D**	50	45	15	mg/L		01/08/21 18:50	50

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**160**		0.20	0.15	0.096	mg/L		01/11/21 11:33	1
Magnesium	**24**	**B**	0.10	0.075	0.040	mg/L		01/11/21 11:33	1
Potassium	**5.0**		0.50	0.45	0.20	mg/L		01/11/21 11:33	1
Sodium	**49**		1.0	0.50	0.24	mg/L		01/11/21 11:33	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/08/21 10:15	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		01/08/21 10:15	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	**0.00084**	**J**	0.0020	0.0016	0.00068	mg/L		01/07/21 13:11	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/07/21 13:11	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25516-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW242-418-211
Lab Sample ID: 410-25516-18
Date Collected: 01/05/21 09:15
Matrix: Water
Date Received: 01/06/21 09:29

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**120**		8.0	6.0	2.6	mg/L		01/08/21 22:11	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/08/21 22:11	1
Total Alkalinity as CaCO3 to pH 4.5	**120**		8.0	6.0	2.6	mg/L		01/08/21 22:11	1
Nitrate Nitrite as N	**6.4**		0.50	0.45	0.20	mg/L		01/08/21 14:01	5

Client Sample ID: GW206-211
Lab Sample ID: 410-25516-19
Date Collected: 01/05/21 11:25
Matrix: Water
Date Received: 01/06/21 09:29

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U Q	0.029	0.019	0.0097	ug/L		01/12/21 01:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*100*	*M Q*	*46 - 136*	*01/06/21 22:41*	*01/12/21 01:29*	*1*
1,1,2,2-Tetrachloroethane (2C)	*104*		*46 - 136*	*01/06/21 22:41*	*01/12/21 01:29*	*1*

Surrogate Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25516-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1122TCA1 (46-136)	1122TCA2 (46-136)
410-25516-1	TB211-05	77 Q	100
410-25516-2	GW235-438-211	85 Q	93
410-25516-3	GW235-472-211	90 Q	102
410-25516-3 DU	GW235-472-211	83 Q	95
410-25516-4	GW235-501-211	113 M Q	110
410-25516-5	TB211-06	123 Q	108
410-25516-6	GW236-436-211	116 M Q	113
410-25516-7	GW236-436-611	110 M Q	109
410-25516-8	GW236-470-211	110 M Q	104
410-25516-9	GW236-499-211	115 M Q	111
410-25516-10	TB211-07	120 Q	109
410-25516-11	GW031-211	115 M Q	108
410-25516-12	GW030-211	120 M Q	113
410-25516-13	GW029-211	117 M Q	112
410-25516-14	TB211-08	114 Q	104
410-25516-15	GW232-211	115 Q	105
410-25516-16	GW231-211	111 Q	100
410-25516-17	TB211-09	112 Q	105
410-25516-18	GW242-418-211	100 M Q	111
410-25516-19	GW206-211	100 M Q	104
LCS 410-82733/2-A	Lab Control Sample	80	98
LCS 410-82782/2-A	Lab Control Sample	85	100
LCSD 410-82733/3-A	Lab Control Sample Dup	79	96
LCSD 410-82782/3-A	Lab Control Sample Dup	92	106
MB 410-82733/1-A	Method Blank	100	100
MB 410-82782/1-A	Method Blank	90	108

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25516-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-82733/1-A
Matrix: Water
Analysis Batch: 83799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82733

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/11/21 18:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*100*		*46 - 136*	*01/06/21 22:41*	*01/11/21 18:42*	*1*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*	*01/06/21 22:41*	*01/11/21 18:42*	*1*

Lab Sample ID: LCS 410-82733/2-A
Matrix: Water
Analysis Batch: 83116

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82733

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide (1C)			0.128	0.116		ug/L		90	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*80*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*98*		*46 - 136*

Lab Sample ID: LCSD 410-82733/3-A
Matrix: Water
Analysis Batch: 83116

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 82733

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.109		ug/L		85	60 - 140	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*79*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*96*		*46 - 136*

Lab Sample ID: MB 410-82782/1-A
Matrix: Water
Analysis Batch: 83116

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82782

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/07/21 21:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*90*		*46 - 136*	*01/07/21 04:59*	*01/07/21 21:38*	*1*
1,1,2,2-Tetrachloroethane (2C)	*108*		*46 - 136*	*01/07/21 04:59*	*01/07/21 21:38*	*1*

Lab Sample ID: LCS 410-82782/2-A
Matrix: Water
Analysis Batch: 83116

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82782

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide (1C)			0.128	0.116		ug/L		91	60 - 140		

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25516-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 410-82782/2-A
Matrix: Water
Analysis Batch: 83116

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82782

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*85*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*

Lab Sample ID: LCSD 410-82782/3-A
Matrix: Water
Analysis Batch: 83116

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 82782

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.118		ug/L		92	60 - 140	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*92*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*106*		*46 - 136*

Lab Sample ID: 410-25516-3 DU
Matrix: Water
Analysis Batch: 83116

Client Sample ID: GW235-472-211
Prep Type: Total/NA
Prep Batch: 82782

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Ethylene Dibromide (1C)	0.019	U		0.019	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*83*	*Q*	*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*95*		*46 - 136*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 410-83117/4
Matrix: Water
Analysis Batch: 83117

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	0.40	U	0.50	0.40	0.25	mg/L		01/08/21 05:42	1
Chloride	0.30	U	0.40	0.30	0.20	mg/L		01/08/21 05:42	1
Sulfate	0.90	U	1.0	0.90	0.30	mg/L		01/08/21 05:42	1

Lab Sample ID: LCS 410-83117/3
Matrix: Water
Analysis Batch: 83117

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Bromide			7.50	7.54		mg/L		101	90 - 110		
Chloride			3.00	3.11		mg/L		104	90 - 110		
Sulfate			7.50	7.83		mg/L		104	90 - 110		

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25516-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-82822/1-A
Matrix: Water
Analysis Batch: 83316

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82822

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/08/21 09:29	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		01/08/21 09:29	1

Lab Sample ID: LCS 410-82822/2-A
Matrix: Water
Analysis Batch: 83316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82822

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.400	0.355		mg/L		89	87 - 115
Manganese	0.0200	0.0211		mg/L		106	90 - 114

Lab Sample ID: MB 410-82753/1-A
Matrix: Water
Analysis Batch: 83697

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 82753

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	0.15	U	0.20	0.15	0.096	mg/L		01/11/21 10:02	1
Magnesium	0.075	U	0.10	0.075	0.040	mg/L		01/11/21 10:02	1
Potassium	0.45	U	0.50	0.45	0.20	mg/L		01/11/21 10:02	1
Sodium	0.50	U	1.0	0.50	0.24	mg/L		01/11/21 10:02	1

Lab Sample ID: LCS 410-82753/2-A
Matrix: Water
Analysis Batch: 83697

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 82753

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	0.400	0.416		mg/L		104	87 - 113
Magnesium	0.200	0.209		mg/L		105	85 - 113
Potassium	6.00	5.97		mg/L		99	86 - 114
Sodium	2.00	2.05		mg/L		102	87 - 115

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 410-82752/1-A
Matrix: Water
Analysis Batch: 83016

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 82752

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/07/21 12:47	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/07/21 12:47	1

Lab Sample ID: LCS 410-82752/2-A
Matrix: Water
Analysis Batch: 83016

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 82752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0600	0.0617		mg/L		103	84 - 116
Lead	0.0300	0.0308		mg/L		103	88 - 115

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25516-1

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 410-83721/7
Matrix: Water
Analysis Batch: 83721

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/08/21 20:05	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/08/21 20:05	1
Total Alkalinity as CaCO3 to pH 4.5	6.0	U	8.0	6.0	2.6	mg/L		01/08/21 20:05	1

Lab Sample ID: LCS 410-83721/9
Matrix: Water
Analysis Batch: 83721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	189	158		mg/L		84	82 - 106

Lab Sample ID: LCSD 410-83721/10
Matrix: Water
Analysis Batch: 83721

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	189	164		mg/L		87	82 - 106	4	10

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 410-83424/21
Matrix: Water
Analysis Batch: 83424

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/08/21 12:34	1

Lab Sample ID: LCS 410-83424/20
Matrix: Water
Analysis Batch: 83424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	2.50	2.53		mg/L		101	90 - 110

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25516-1

GC Semi VOA

Prep Batch: 82733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25516-14	TB211-08	Total/NA	Water	8011	
410-25516-15	GW232-211	Total/NA	Water	8011	
410-25516-16	GW231-211	Total/NA	Water	8011	
410-25516-17	TB211-09	Total/NA	Water	8011	
410-25516-18	GW242-418-211	Total/NA	Water	8011	
410-25516-19	GW206-211	Total/NA	Water	8011	
MB 410-82733/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-82733/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-82733/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Prep Batch: 82782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25516-1	TB211-05	Total/NA	Water	8011	
410-25516-2	GW235-438-211	Total/NA	Water	8011	
410-25516-3	GW235-472-211	Total/NA	Water	8011	
410-25516-4	GW235-501-211	Total/NA	Water	8011	
410-25516-5	TB211-06	Total/NA	Water	8011	
410-25516-6	GW236-436-211	Total/NA	Water	8011	
410-25516-7	GW236-436-611	Total/NA	Water	8011	
410-25516-8	GW236-470-211	Total/NA	Water	8011	
410-25516-9	GW236-499-211	Total/NA	Water	8011	
410-25516-10	TB211-07	Total/NA	Water	8011	
410-25516-11	GW031-211	Total/NA	Water	8011	
410-25516-12	GW030-211	Total/NA	Water	8011	
410-25516-13	GW029-211	Total/NA	Water	8011	
MB 410-82782/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-82782/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-82782/3-A	Lab Control Sample Dup	Total/NA	Water	8011	
410-25516-3 DU	GW235-472-211	Total/NA	Water	8011	

Analysis Batch: 83116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25516-1	TB211-05	Total/NA	Water	8011	82782
410-25516-2	GW235-438-211	Total/NA	Water	8011	82782
410-25516-3	GW235-472-211	Total/NA	Water	8011	82782
MB 410-82782/1-A	Method Blank	Total/NA	Water	8011	82782
LCS 410-82733/2-A	Lab Control Sample	Total/NA	Water	8011	82733
LCS 410-82782/2-A	Lab Control Sample	Total/NA	Water	8011	82782
LCSD 410-82733/3-A	Lab Control Sample Dup	Total/NA	Water	8011	82733
LCSD 410-82782/3-A	Lab Control Sample Dup	Total/NA	Water	8011	82782
410-25516-3 DU	GW235-472-211	Total/NA	Water	8011	82782

Analysis Batch: 83799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25516-4	GW235-501-211	Total/NA	Water	8011	82782
410-25516-5	TB211-06	Total/NA	Water	8011	82782
410-25516-6	GW236-436-211	Total/NA	Water	8011	82782
410-25516-7	GW236-436-611	Total/NA	Water	8011	82782
410-25516-8	GW236-470-211	Total/NA	Water	8011	82782
410-25516-9	GW236-499-211	Total/NA	Water	8011	82782
410-25516-10	TB211-07	Total/NA	Water	8011	82782

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25516-1

GC Semi VOA (Continued)

Analysis Batch: 83799 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25516-11	GW031-211	Total/NA	Water	8011	82782
410-25516-12	GW030-211	Total/NA	Water	8011	82782
410-25516-13	GW029-211	Total/NA	Water	8011	82782
410-25516-14	TB211-08	Total/NA	Water	8011	82733
410-25516-15	GW232-211	Total/NA	Water	8011	82733
410-25516-16	GW231-211	Total/NA	Water	8011	82733
410-25516-17	TB211-09	Total/NA	Water	8011	82733
410-25516-18	GW242-418-211	Total/NA	Water	8011	82733
410-25516-19	GW206-211	Total/NA	Water	8011	82733
MB 410-82733/1-A	Method Blank	Total/NA	Water	8011	82733

HPLC/IC

Analysis Batch: 83117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25516-18	GW242-418-211	Total/NA	Water	EPA 300.0 R2.1	
410-25516-18	GW242-418-211	Total/NA	Water	EPA 300.0 R2.1	
MB 410-83117/4	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 410-83117/3	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 82752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25516-18	GW242-418-211	Total/NA	Water	3005A	
MB 410-82752/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-82752/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 82753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25516-18	GW242-418-211	Total Recoverable	Water	3005A	
MB 410-82753/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-82753/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 82822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25516-18	GW242-418-211	Dissolved	Water	Non-Digest Prep	
MB 410-82822/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-82822/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	

Analysis Batch: 83016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25516-18	GW242-418-211	Total/NA	Water	6020A	82752
MB 410-82752/1-A	Method Blank	Total Recoverable	Water	6020A	82752
LCS 410-82752/2-A	Lab Control Sample	Total Recoverable	Water	6020A	82752

Analysis Batch: 83316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25516-18	GW242-418-211	Dissolved	Water	6010C	82822
MB 410-82822/1-A	Method Blank	Total/NA	Water	6010C	82822
LCS 410-82822/2-A	Lab Control Sample	Total/NA	Water	6010C	82822

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25516-1

Metals

Analysis Batch: 83697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25516-18	GW242-418-211	Total Recoverable	Water	6010C	82753
MB 410-82753/1-A	Method Blank	Total Recoverable	Water	6010C	82753
LCS 410-82753/2-A	Lab Control Sample	Total Recoverable	Water	6010C	82753

General Chemistry

Analysis Batch: 83424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25516-18	GW242-418-211	Total/NA	Water	353.2	
MB 410-83424/21	Method Blank	Total/NA	Water	353.2	
LCS 410-83424/20	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 83721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25516-18	GW242-418-211	Total/NA	Water	2320B-2011	
MB 410-83721/7	Method Blank	Total/NA	Water	2320B-2011	
LCS 410-83721/9	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 410-83721/10	Lab Control Sample Dup	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25516-1

Client Sample ID: TB211-05
Date Collected: 01/05/21 14:00
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83116	01/08/21 06:34	AC3T	ELLE

Client Sample ID: GW235-438-211
Date Collected: 01/05/21 12:43
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83116	01/08/21 06:51	AC3T	ELLE

Client Sample ID: GW235-472-211
Date Collected: 01/05/21 13:00
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83116	01/08/21 07:08	AC3T	ELLE

Client Sample ID: GW235-501-211
Date Collected: 01/05/21 13:15
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/12/21 02:03	UAMZ	ELLE

Client Sample ID: TB211-06
Date Collected: 01/05/21 14:00
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/12/21 02:20	UAMZ	ELLE

Client Sample ID: GW236-436-211
Date Collected: 01/05/21 11:45
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/12/21 02:37	UAMZ	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25516-1

Client Sample ID: GW236-436-611
Date Collected: 01/05/21 11:45
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/12/21 02:54	UAMZ	ELLE

Client Sample ID: GW236-470-211
Date Collected: 01/05/21 12:05
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/12/21 03:11	UAMZ	ELLE

Client Sample ID: GW236-499-211
Date Collected: 01/05/21 12:15
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/12/21 03:28	UAMZ	ELLE

Client Sample ID: TB211-07
Date Collected: 01/05/21 14:00
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/12/21 03:45	UAMZ	ELLE

Client Sample ID: GW031-211
Date Collected: 01/05/21 09:45
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/12/21 04:02	UAMZ	ELLE

Client Sample ID: GW030-211
Date Collected: 01/05/21 10:00
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/12/21 04:19	UAMZ	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25516-1

Client Sample ID: GW029-211
Date Collected: 01/05/21 10:15
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82782	01/07/21 04:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	83799	01/12/21 04:36	UAMZ	ELLE

Client Sample ID: TB211-08
Date Collected: 01/05/21 14:00
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82733	01/06/21 22:41	K2IL	ELLE
Total/NA	Analysis	8011		1	83799	01/12/21 00:04	UAMZ	ELLE

Client Sample ID: GW232-211
Date Collected: 01/05/21 10:47
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82733	01/06/21 22:41	K2IL	ELLE
Total/NA	Analysis	8011		1	83799	01/12/21 00:21	UAMZ	ELLE

Client Sample ID: GW231-211
Date Collected: 01/05/21 11:00
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82733	01/06/21 22:41	K2IL	ELLE
Total/NA	Analysis	8011		1	83799	01/12/21 00:38	UAMZ	ELLE

Client Sample ID: TB211-09
Date Collected: 01/05/21 14:00
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82733	01/06/21 22:41	K2IL	ELLE
Total/NA	Analysis	8011		1	83799	01/12/21 00:55	UAMZ	ELLE

Client Sample ID: GW242-418-211
Date Collected: 01/05/21 09:15
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82733	01/06/21 22:41	K2IL	ELLE
Total/NA	Analysis	8011		1	83799	01/12/21 01:12	UAMZ	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		50	83117	01/08/21 18:50	GJ35	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		500	83117	01/08/21 19:09	GJ35	ELLE
Dissolved	Prep	Non-Digest Prep			82822	01/07/21 07:37	UAMX	ELLE
Dissolved	Analysis	6010C		1	83316	01/08/21 10:15	MDP5	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25516-1

Client Sample ID: GW242-418-211

Date Collected: 01/05/21 09:15
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			82753	01/07/21 02:26	UJL8	ELLE
Total Recoverable	Analysis	6010C		1	83697	01/11/21 11:33	SB	ELLE
Total/NA	Prep	3005A			82752	01/07/21 02:11	UJL8	ELLE
Total/NA	Analysis	6020A		1	83016	01/07/21 13:11	BMB	ELLE
Total/NA	Analysis	2320B-2011		1	83721	01/08/21 22:11	JB	ELLE
Total/NA	Analysis	353.2		5	83424	01/08/21 14:01	QU5I	ELLE

Client Sample ID: GW206-211

Date Collected: 01/05/21 11:25
Date Received: 01/06/21 09:29

Lab Sample ID: 410-25516-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			82733	01/06/21 22:41	K2IL	ELLE
Total/NA	Analysis	8011		1	83799	01/12/21 01:29	UAMZ	ELLE

Laboratory References:
ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-25516-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	01-31-21

Method Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25516-1

Method	Method Description	Protocol	Laboratory
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	ELLE
6010C	Metals (ICP)	SW846	ELLE
6020A	Metals (ICP/MS)	SW846	ELLE
2320B-2011	Alkalinity, Total	SM	ELLE
353.2	Nitrogen, Nitrate-Nitrite	MCAWW	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency
MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25516-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-25516-1	TB211-05	Water	01/05/21 14:00	01/06/21 09:29	
410-25516-2	GW235-438-211	Water	01/05/21 12:43	01/06/21 09:29	
410-25516-3	GW235-472-211	Water	01/05/21 13:00	01/06/21 09:29	
410-25516-4	GW235-501-211	Water	01/05/21 13:15	01/06/21 09:29	
410-25516-5	TB211-06	Water	01/05/21 14:00	01/06/21 09:29	
410-25516-6	GW236-436-211	Water	01/05/21 11:45	01/06/21 09:29	
410-25516-7	GW236-436-611	Water	01/05/21 11:45	01/06/21 09:29	
410-25516-8	GW236-470-211	Water	01/05/21 12:05	01/06/21 09:29	
410-25516-9	GW236-499-211	Water	01/05/21 12:15	01/06/21 09:29	
410-25516-10	TB211-07	Water	01/05/21 14:00	01/06/21 09:29	
410-25516-11	GW031-211	Water	01/05/21 09:45	01/06/21 09:29	
410-25516-12	GW030-211	Water	01/05/21 10:00	01/06/21 09:29	
410-25516-13	GW029-211	Water	01/05/21 10:15	01/06/21 09:29	
410-25516-14	TB211-08	Water	01/05/21 14:00	01/06/21 09:29	
410-25516-15	GW232-211	Water	01/05/21 10:47	01/06/21 09:29	
410-25516-16	GW231-211	Water	01/05/21 11:00	01/06/21 09:29	
410-25516-17	TB211-09	Water	01/05/21 14:00	01/06/21 09:29	
410-25516-18	GW242-418-211	Water	01/05/21 09:15	01/06/21 09:29	
410-25516-19	GW206-211	Water	01/05/21 11:25	01/06/21 09:29	

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CU

410-25516 Chain of Custody

COC NUMBER: COC-TB211-05

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-05	1-5-2021	1400	2		2		2						

Associated with: GW 235-438-211
GW 235-472-211
GW 235-501-211

~~TB211-~~ 05

SAMPLER(S): D.Schmeelk	COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7923

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D.Schmeelk	1-5-2021	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/6/21	1115

QCM

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-235-438-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW235-438-211	01/05/2021	1243	2			AR	2						
	AR													

TB211- 05

SAMPLER(S): A. Roseborough, D. Schmeltz
COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7923

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
Amy Roseborough	01/05/2021	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Wesley Miller	1/6/21	1115

JPM

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1/19/2021 MR

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-235-472-211

PROJECT NAME: **Kirtland AFB - GWM & IRM Op Mod**	PROJECT NUMBER: **6360401**	LABORATORY NAME AND CONTACT: **Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	FAX AND MAIL REPORTS/EDD TO: Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	YEAR: 2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity/ (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW235-472-211	01/05/2021	1300	6				6						Please see Comments for requested MS/MSD analyses
														AR

Please run MS/MSD on the following analytes only:
VOCs/BTEX/BTEXN, EDB, Total As and Pb, and dissolved Mn and Fe

TB211- 05

SAMPLER(S): A. Rosebrough, B. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7923

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	01/05/2021	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/6/21	1115

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-235-501-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA	2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW235-501-211	01/05/2021	1315	2			AR	2						

TB211- 05

SAMPLER(S): A. Rosebrough, D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7923

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
Amey Rosebrough	01/05/2021	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Wesley Miller	1/6/21	1115

QCM

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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-06

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-06	1-5-2021	1400	2	~~2~~	~~2~~		2						

Associated with: GW 236-436-211
GW 236-470-211
GW 236-499-211
GW 236-436-611

~~TB211-~~

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7934

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-5-2021	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/6/21	1118

QPM

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1/19/2021 MF

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400 Hunt Valley MD
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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-236-436-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO: Amanda Smith: asmith@eaest.com EA	YEAR: 2021
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW236-436-211	01/05/2021	1145	2			AR	2						AR
2	GW236-436-611	01/05/2021	1145	2			AR	2						

TB211- 06

SAMPLER(S): A. Rosebrough, D. Schmael/K

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7934

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	01/05/2021	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/6/21	1118

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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-236-470-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW236-470-211	01/05/2021 AR	1205	2			AR	2						
	AR													

TB211- 06

SAMPLER(S): A. Roseborough, D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7934

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Roseborough	01/05/2021	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/6/21	1118

PM

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-236-499-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA	2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW236-499-211	01/05/~~2020~~ 2021 AR	1215	2			AR	2						
	AR													

TB211- 06

SAMPLER(S): A. Roseborough, D. Schmelle

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7934

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Roseborough	01/05/2021	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/6/21	1118

QAM

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1/19/2021 MR

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-07

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-07	1-5-2021	1400	2		2		2						

Associated with: GW029-211
GW030-211
GW031-211

~~TB211~~

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7945

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
D. Schmeelk	1-5-2021	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reiff	1/6/21	1108

QM

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400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-031-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW031-211	01/05/2021	0945	2			AR	2						
	AR													

TB211- 07

SAMPLER(S): A. Rosebrough, D. Schmeltz

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7945

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	01/05/21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reiff	1/6/21	1108

QCM

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-030-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW030-211	01/05/2021	1000	2			~~AR~~	2						

TB211- 07

SAMPLER(S): A. Rosebrough, N. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7945

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	01/05/21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reitt	1/6/21	1108

GW

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400 Hunt Valley MD
Tel No: (410) 584-7000
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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-029-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate and Bicarbonate)	COMMENTS
1	GW029-211	01/05/2021	105	2				2						

TB211- 07

SAMPLER(S): A. Rosebrough, D. Schwenk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7945

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	01/05/21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reitt	1/6/21	1108

AWA

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-08

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-08	1-5-2021	1400	2		~~2~~		2						

Associated with: GW231-211
GW232-211

~~TB211-~~

SAMPLER(S): DSchweelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 ~~7923~~ 7956

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schweelk	1-5-2021	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reiff NR	1/6/21	1110

QM

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-232-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW232-211	01/05/2021	1047	2			MR	2						

TB211-08

SAMPLER(S): A. Rosebrough , D. Schmeltz

COURIER AND SHIPPING NUMBER: FedEx 9161 4700 7956

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
Amy Rosebrough	01/05/2021	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reitt	1/6/21	1110

MR 1/19/2021

225 Schilling Circle Suite
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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-231-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW231-211	01/05/2021	1100	2			AR	2						

TB211- 08

SAMPLER(S): A. Rosebrough, D. Schmeltz

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7956

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Andy Rosebrough	01/05/21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reitz	1/6/21	1115

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-09

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-09	1-5-2021	1400	2		2		2						
		✓												

Associated with: GW242-418-211
GW206-211

TB211-✓

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7901

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
D. Schmeelk	1-5-2021	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reitt	1/6/21	109

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-242-418-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW242-418-211	01/05/2021	0915	7				2	1	1*	1	1	1	
AR														

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 09

SAMPLER(S): A. Rosebrough, O. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7901

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
A. Rosebrough	01/05/21	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reitt	1/6/21	1109

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-206-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW206-211	01/05/2021	1125	2			AR	2						

TB211- 09

SAMPLER(S): A. Rosebrough, D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7901

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
Amy Rosebrough	01/05/21	1100			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reitt NR	1/6/21	1109

AR

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-25516-1

Login Number: 25516
List Number: 1
Creator: Reiff, Nicole L

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-25683-1
Client Project/Site: Kirtland AFB - GWM & IRM Op Mod

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
1/20/2021 9:47:34 AM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

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Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy
Project Manager I
1/20/2021 9:47:34 AM

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-25683-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
M	Manual integrated compound.
U	Undetected at the Limit of Detection.

HPLC/IC

Qualifier	Qualifier Description
B	Blank contamination: The analyte was detected above one-half the reporting limit in an associated blank.
D	The reported value is from a dilution.
E	Result exceeded calibration range.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
J1	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
U	Undetected at the Limit of Detection.

Metals

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
U	Undetected at the Limit of Detection.

General Chemistry

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-25683-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

Job ID: 410-25683-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-25683-1

Receipt
The samples were received on 1/7/2021 11:10 AM; the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.1°C, 0.2°C, 0.3°C and 0.4°C

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_ORGFM_28D: The method blank for analytical batch 410-84268 contained Chloride above the method detection limit (MDL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

Client Sample ID: TB211-10 — Lab Sample ID: 410-25683-1

No Detections.

Client Sample ID: GW201-211 — Lab Sample ID: 410-25683-2

No Detections.

Client Sample ID: GW202-211 — Lab Sample ID: 410-25683-3

No Detections.

Client Sample ID: GW203-211 — Lab Sample ID: 410-25683-4

No Detections.

Client Sample ID: TB211-11 — Lab Sample ID: 410-25683-5

No Detections.

Client Sample ID: GW241-428-211 — Lab Sample ID: 410-25683-6

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (1C)	0.029		0.029	0.019	0.0097	ug/L	1		8011	Total/NA
Bromide	1.3	J D J1	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	28	D B J1	8.0	6.0	4.0	mg/L	20		EPA 300.0 R2.1	Total/NA
Sulfate	43	D J1	5.0	4.5	1.5	mg/L	5		EPA 300.0 R2.1	Total/NA
Calcium	49		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	7.0		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	2.7		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	27		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Arsenic	0.00090	J	0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	160		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	160		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Nitrate Nitrite as N	0.076	J	0.10	0.090	0.040	mg/L	1		353.2	Total/NA

Client Sample ID: GW241-428-611 — Lab Sample ID: 410-25683-7

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (1C)	0.030		0.029	0.019	0.0097	ug/L	1		8011	Total/NA
Bromide	1.3	J D	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	29	D B	8.0	6.0	4.0	mg/L	20		EPA 300.0 R2.1	Total/NA
Sulfate	44	D	5.0	4.5	1.5	mg/L	5		EPA 300.0 R2.1	Total/NA
Calcium	48		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	6.8		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	2.7		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	26		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Arsenic	0.00098	J	0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	120		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

Client Sample ID: GW241-428-611 (Continued) — Lab Sample ID: 410-25683-7

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Total Alkalinity as CaCO3 to pH 4.5	120		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Nitrate Nitrite as N	0.32		0.10	0.090	0.040	mg/L	1		353.2	Total/NA

Client Sample ID: GW049-211 — Lab Sample ID: 410-25683-8

No Detections.

Client Sample ID: GW050-211 — Lab Sample ID: 410-25683-9

No Detections.

Client Sample ID: TB211-12 — Lab Sample ID: 410-25683-10

No Detections.

Client Sample ID: GW032-211 — Lab Sample ID: 410-25683-11

No Detections.

Client Sample ID: GW033-211 — Lab Sample ID: 410-25683-12

No Detections.

Client Sample ID: GW034-211 — Lab Sample ID: 410-25683-13

No Detections.

Client Sample ID: TB211-13 — Lab Sample ID: 410-25683-14

No Detections.

Client Sample ID: GW230-211 — Lab Sample ID: 410-25683-15

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Chloride	27	D	2.0	1.5	1.0	mg/L	5		EPA 300.0 R2.1	Total/NA
Sulfate	49	D	5.0	4.5	1.5	mg/L	5		EPA 300.0 R2.1	Total/NA
Calcium	40		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	5.7		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	2.5		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	22		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Arsenic	0.0010	J	0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	93		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	93		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Nitrate Nitrite as N	0.65		0.10	0.090	0.040	mg/L	1		353.2	Total/NA

Client Sample ID: GW041-211 — Lab Sample ID: 410-25683-16

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (1C)	0.098	M	0.029	0.019	0.0096	ug/L	1		8011	Total/NA
Bromide	1.3	J D	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	38	D B	8.0	6.0	4.0	mg/L	20		EPA 300.0 R2.1	Total/NA
Sulfate	83	D	20	18	6.0	mg/L	20		EPA 300.0 R2.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-25683-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW041-211 (Continued)
Lab Sample ID: 410-25683-16

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Calcium	59		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	8.2		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	3.3		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	28		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Arsenic	0.00082	J	0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	100		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	100		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Nitrate Nitrite as N	0.87		0.10	0.090	0.040	mg/L	1		353.2	Total/NA

Client Sample ID: GW051-211
Lab Sample ID: 410-25683-17

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25683-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: TB211-10
Lab Sample ID: 410-25683-1
Date Collected: 01/06/21 12:00
Matrix: Water
Date Received: 01/07/21 11:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/11/21 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*102*		*46 - 136*	*01/09/21 02:19*	*01/11/21 16:07*	*1*
1,1,2,2-Tetrachloroethane (2C)	*118*		*46 - 136*	*01/09/21 02:19*	*01/11/21 16:07*	*1*

Client Sample ID: GW201-211
Lab Sample ID: 410-25683-2
Date Collected: 01/06/21 09:40
Matrix: Water
Date Received: 01/07/21 11:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/11/21 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*104*		*46 - 136*	*01/09/21 02:19*	*01/11/21 16:23*	*1*
1,1,2,2-Tetrachloroethane (2C)	*114*		*46 - 136*	*01/09/21 02:19*	*01/11/21 16:23*	*1*

Client Sample ID: GW202-211
Lab Sample ID: 410-25683-3
Date Collected: 01/06/21 09:25
Matrix: Water
Date Received: 01/07/21 11:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/11/21 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*96*		*46 - 136*	*01/09/21 02:19*	*01/11/21 16:40*	*1*
1,1,2,2-Tetrachloroethane (2C)	*108*		*46 - 136*	*01/09/21 02:19*	*01/11/21 16:40*	*1*

Client Sample ID: GW203-211
Lab Sample ID: 410-25683-4
Date Collected: 01/06/21 09:15
Matrix: Water
Date Received: 01/07/21 11:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/11/21 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*82*		*46 - 136*	*01/09/21 02:19*	*01/11/21 16:57*	*1*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*	*01/09/21 02:19*	*01/11/21 16:57*	*1*

Client Sample ID: TB211-11
Lab Sample ID: 410-25683-5
Date Collected: 01/06/21 12:00
Matrix: Water
Date Received: 01/07/21 11:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/11/21 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*80*		*46 - 136*	*01/09/21 02:19*	*01/11/21 17:13*	*1*
1,1,2,2-Tetrachloroethane (2C)	*101*		*46 - 136*	*01/09/21 02:19*	*01/11/21 17:13*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25683-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW241-428-211
Lab Sample ID: 410-25683-6
Date Collected: 01/06/21 13:10
Matrix: Water
Date Received: 01/07/21 11:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.029		0.029	0.019	0.0097	ug/L		01/13/21 08:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*102*		*46 - 136*	*01/12/21 04:01*	*01/13/21 08:12*	*1*
1,1,2,2-Tetrachloroethane (2C)	*127*		*46 - 136*	*01/12/21 04:01*	*01/13/21 08:12*	*1*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	1.3	J D J1	2.5	2.0	1.3	mg/L		01/11/21 20:04	5
Chloride	28	D B J1	8.0	6.0	4.0	mg/L		01/13/21 14:49	20
Sulfate	43	D J1	5.0	4.5	1.5	mg/L		01/11/21 20:04	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	49		0.20	0.15	0.096	mg/L		01/11/21 15:21	1
Magnesium	7.0		0.10	0.075	0.040	mg/L		01/11/21 15:21	1
Potassium	2.7		0.50	0.45	0.20	mg/L		01/11/21 15:21	1
Sodium	27		1.0	0.50	0.24	mg/L		01/11/21 15:21	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/08/21 08:34	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		01/08/21 08:34	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.00090	J	0.0020	0.0016	0.00068	mg/L		01/08/21 13:46	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/08/21 13:46	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	160		8.0	6.0	2.6	mg/L		01/08/21 23:09	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/08/21 23:09	1
Total Alkalinity as CaCO3 to pH 4.5	160		8.0	6.0	2.6	mg/L		01/08/21 23:09	1
Nitrate Nitrite as N	0.076	J	0.10	0.090	0.040	mg/L		01/08/21 15:21	1

Client Sample ID: GW241-428-611
Lab Sample ID: 410-25683-7
Date Collected: 01/06/21 13:10
Matrix: Water
Date Received: 01/07/21 11:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.030		0.029	0.019	0.0097	ug/L		01/13/21 08:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*101*		*46 - 136*	*01/12/21 04:01*	*01/13/21 08:28*	*1*
1,1,2,2-Tetrachloroethane (2C)	*124*		*46 - 136*	*01/12/21 04:01*	*01/13/21 08:28*	*1*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	1.3	J D	2.5	2.0	1.3	mg/L		01/11/21 21:29	5
Chloride	29	D B	8.0	6.0	4.0	mg/L		01/13/21 14:15	20

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25683-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW241-428-611
Lab Sample ID: 410-25683-7
Date Collected: 01/06/21 13:10
Matrix: Water
Date Received: 01/07/21 11:10

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Sulfate	**44**	**D**	5.0	4.5	1.5	mg/L		01/11/21 21:29	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**48**		0.20	0.15	0.096	mg/L		01/11/21 15:24	1
Magnesium	**6.8**		0.10	0.075	0.040	mg/L		01/11/21 15:24	1
Potassium	**2.7**		0.50	0.45	0.20	mg/L		01/11/21 15:24	1
Sodium	**26**		1.0	0.50	0.24	mg/L		01/11/21 15:24	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/08/21 08:10	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		01/08/21 08:10	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	**0.00098**	**J**	0.0020	0.0016	0.00068	mg/L		01/08/21 13:48	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/08/21 13:48	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**120**		8.0	6.0	2.6	mg/L		01/08/21 23:17	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/08/21 23:17	1
Total Alkalinity as CaCO3 to pH 4.5	**120**		8.0	6.0	2.6	mg/L		01/08/21 23:17	1
Nitrate Nitrite as N	**0.32**		0.10	0.090	0.040	mg/L		01/08/21 15:23	1

Client Sample ID: GW049-211
Lab Sample ID: 410-25683-8
Date Collected: 01/06/21 11:10
Matrix: Water
Date Received: 01/07/21 11:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/13/21 08:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*93*		*46 - 136*	*01/12/21 04:01*	*01/13/21 08:45*	*1*
1,1,2,2-Tetrachloroethane (2C)	*108*		*46 - 136*	*01/12/21 04:01*	*01/13/21 08:45*	*1*

Client Sample ID: GW050-211
Lab Sample ID: 410-25683-9
Date Collected: 01/06/21 11:45
Matrix: Water
Date Received: 01/07/21 11:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0095	ug/L		01/13/21 09:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*86*		*46 - 136*	*01/12/21 04:01*	*01/13/21 09:02*	*1*
1,1,2,2-Tetrachloroethane (2C)	*104*		*46 - 136*	*01/12/21 04:01*	*01/13/21 09:02*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25683-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: TB211-12
Lab Sample ID: 410-25683-10
Date Collected: 01/06/21 12:00
Matrix: Water
Date Received: 01/07/21 11:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/13/21 09:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*102*		*46 - 136*	*01/12/21 04:01*	*01/13/21 09:19*	*1*
1,1,2,2-Tetrachloroethane (2C)	*115*		*46 - 136*	*01/12/21 04:01*	*01/13/21 09:19*	*1*

Client Sample ID: GW032-211
Lab Sample ID: 410-25683-11
Date Collected: 01/06/21 10:40
Matrix: Water
Date Received: 01/07/21 11:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/13/21 09:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*101*		*46 - 136*	*01/12/21 04:01*	*01/13/21 09:36*	*1*
1,1,2,2-Tetrachloroethane (2C)	*112*		*46 - 136*	*01/12/21 04:01*	*01/13/21 09:36*	*1*

Client Sample ID: GW033-211
Lab Sample ID: 410-25683-12
Date Collected: 01/06/21 10:15
Matrix: Water
Date Received: 01/07/21 11:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/13/21 09:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*87*		*46 - 136*	*01/12/21 04:01*	*01/13/21 09:52*	*1*
1,1,2,2-Tetrachloroethane (2C)	*107*		*46 - 136*	*01/12/21 04:01*	*01/13/21 09:52*	*1*

Client Sample ID: GW034-211
Lab Sample ID: 410-25683-13
Date Collected: 01/06/21 10:27
Matrix: Water
Date Received: 01/07/21 11:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/13/21 10:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*101*		*46 - 136*	*01/12/21 04:01*	*01/13/21 10:42*	*1*
1,1,2,2-Tetrachloroethane (2C)	*116*		*46 - 136*	*01/12/21 04:01*	*01/13/21 10:42*	*1*

Client Sample ID: TB211-13
Lab Sample ID: 410-25683-14
Date Collected: 01/06/21 12:00
Matrix: Water
Date Received: 01/07/21 11:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/13/21 10:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*104*		*46 - 136*	*01/12/21 04:01*	*01/13/21 10:59*	*1*
1,1,2,2-Tetrachloroethane (2C)	*123*		*46 - 136*	*01/12/21 04:01*	*01/13/21 10:59*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25683-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW230-211
Lab Sample ID: 410-25683-15
Date Collected: 01/06/21 12:42
Matrix: Water
Date Received: 01/07/21 11:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/13/21 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*81*		*46 - 136*	*01/12/21 04:01*	*01/13/21 11:16*	*1*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*	*01/12/21 04:01*	*01/13/21 11:16*	*1*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	2.0	U	2.5	2.0	1.3	mg/L		01/11/21 21:12	5
Chloride	**27**	**D**	2.0	1.5	1.0	mg/L		01/11/21 21:12	5
Sulfate	**49**	**D**	5.0	4.5	1.5	mg/L		01/11/21 21:12	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**40**		0.20	0.15	0.096	mg/L		01/11/21 15:09	1
Magnesium	**5.7**		0.10	0.075	0.040	mg/L		01/11/21 15:09	1
Potassium	**2.5**		0.50	0.45	0.20	mg/L		01/11/21 15:09	1
Sodium	**22**		1.0	0.50	0.24	mg/L		01/11/21 15:09	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/08/21 08:20	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		01/08/21 08:20	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	**0.0010**	**J**	0.0020	0.0016	0.00068	mg/L		01/08/21 13:38	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/08/21 13:38	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**93**		8.0	6.0	2.6	mg/L		01/08/21 23:34	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/08/21 23:34	1
Total Alkalinity as CaCO3 to pH 4.5	**93**		8.0	6.0	2.6	mg/L		01/08/21 23:34	1
Nitrate Nitrite as N	**0.65**		0.10	0.090	0.040	mg/L		01/08/21 15:25	1

Client Sample ID: GW041-211
Lab Sample ID: 410-25683-16
Date Collected: 01/06/21 12:12
Matrix: Water
Date Received: 01/07/21 11:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	**0.098**	**M**	0.029	0.019	0.0096	ug/L		01/13/21 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*107*		*46 - 136*	*01/12/21 04:01*	*01/13/21 11:32*	*1*
1,1,2,2-Tetrachloroethane (2C)	*120*		*46 - 136*	*01/12/21 04:01*	*01/13/21 11:32*	*1*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	**1.3**	**J D**	2.5	2.0	1.3	mg/L		01/11/21 21:46	5
Chloride	**38**	**D B**	8.0	6.0	4.0	mg/L		01/13/21 14:32	20

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25683-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW041-211
Lab Sample ID: 410-25683-16
Date Collected: 01/06/21 12:12
Matrix: Water
Date Received: 01/07/21 11:10

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Sulfate	**83**	**D**	20	18	6.0	mg/L		01/13/21 00:25	20

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**59**		0.20	0.15	0.096	mg/L		01/11/21 15:02	1
Magnesium	**8.2**		0.10	0.075	0.040	mg/L		01/11/21 15:02	1
Potassium	**3.3**		0.50	0.45	0.20	mg/L		01/11/21 15:02	1
Sodium	**28**		1.0	0.50	0.24	mg/L		01/11/21 15:02	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/08/21 08:24	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		01/08/21 08:24	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	**0.00082**	**J**	0.0020	0.0016	0.00068	mg/L		01/08/21 13:36	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/08/21 13:36	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**100**		8.0	6.0	2.6	mg/L		01/08/21 23:01	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/08/21 23:01	1
Total Alkalinity as CaCO3 to pH 4.5	**100**		8.0	6.0	2.6	mg/L		01/08/21 23:01	1
Nitrate Nitrite as N	**0.87**		0.10	0.090	0.040	mg/L		01/08/21 15:27	1

Client Sample ID: GW051-211
Lab Sample ID: 410-25683-17
Date Collected: 01/06/21 11:28
Matrix: Water
Date Received: 01/07/21 11:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0095	ug/L		01/13/21 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*101*		*46 - 136*	*01/12/21 04:01*	*01/13/21 11:49*	*1*
1,1,2,2-Tetrachloroethane (2C)	*115*		*46 - 136*	*01/12/21 04:01*	*01/13/21 11:49*	*1*

Surrogate Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
		1122TCA1	1122TCA2								
Lab Sample ID	Client Sample ID	(46-136)	(46-136)								
410-25683-1	TB211-10	102	118								
410-25683-2	GW201-211	104	114								
410-25683-3	GW202-211	96	108								
410-25683-4	GW203-211	82	100								
410-25683-5	TB211-11	80	101								
410-25683-6	GW241-428-211	102	127								
410-25683-7	GW241-428-611	101	124								
410-25683-8	GW049-211	93	108								
410-25683-9	GW050-211	86	104								
410-25683-10	TB211-12	102	115								
410-25683-11	GW032-211	101	112								
410-25683-12	GW033-211	87	107								
410-25683-13	GW034-211	101	116								
410-25683-14	TB211-13	104	123								
410-25683-15	GW230-211	81	100								
410-25683-16	GW041-211	107	120								
410-25683-17	GW051-211	101	115								
LCS 410-83451/2-A	Lab Control Sample	102	112								
LCS 410-83866/2-A	Lab Control Sample	100	114								
LCSD 410-83451/3-A	Lab Control Sample Dup	100	112								
LCSD 410-83866/3-A	Lab Control Sample Dup	95	113								
MB 410-83451/1-A	Method Blank	105	112								
MB 410-83866/1-A	Method Blank	101	112								

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-83451/1-A
Matrix: Water
Analysis Batch: 83598

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 83451

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/11/21 09:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*105*		*46 - 136*	*01/09/21 02:19*	*01/11/21 09:25*	*1*
1,1,2,2-Tetrachloroethane (2C)	*112*		*46 - 136*	*01/09/21 02:19*	*01/11/21 09:25*	*1*

Lab Sample ID: LCS 410-83451/2-A
Matrix: Water
Analysis Batch: 83598

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 83451

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide (1C)			0.128	0.125	M	ug/L		98	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*102*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*112*		*46 - 136*

Lab Sample ID: LCSD 410-83451/3-A
Matrix: Water
Analysis Batch: 83598

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 83451

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.125		ug/L		98	60 - 140	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*100*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*112*		*46 - 136*

Lab Sample ID: MB 410-83866/1-A
Matrix: Water
Analysis Batch: 84285

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 83866

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/13/21 07:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*101*		*46 - 136*	*01/12/21 04:01*	*01/13/21 07:21*	*1*
1,1,2,2-Tetrachloroethane (2C)	*112*		*46 - 136*	*01/12/21 04:01*	*01/13/21 07:21*	*1*

Lab Sample ID: LCS 410-83866/2-A
Matrix: Water
Analysis Batch: 84285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 83866

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide (1C)			0.128	0.130		ug/L		101	60 - 140		

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 410-83866/2-A
Matrix: Water
Analysis Batch: 84285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 83866

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*100*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*114*		*46 - 136*

Lab Sample ID: LCSD 410-83866/3-A
Matrix: Water
Analysis Batch: 84285

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 83866

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.129		ug/L		101	60 - 140	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*95*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*113*		*46 - 136*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 410-83774/25
Matrix: Water
Analysis Batch: 83774

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	0.40	U	0.50	0.40	0.25	mg/L		01/12/21 12:11	1
Chloride	0.30	U	0.40	0.30	0.20	mg/L		01/12/21 12:11	1
Sulfate	0.90	U	1.0	0.90	0.30	mg/L		01/12/21 12:11	1

Lab Sample ID: LCS 410-83774/3
Matrix: Water
Analysis Batch: 83774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Bromide			7.50	7.03		mg/L		94	90 - 110		
Chloride			3.00	2.71		mg/L		90	90 - 110		
Sulfate			7.50	7.50		mg/L		100	90 - 110		

Lab Sample ID: 410-25683-6 MS
Matrix: Water
Analysis Batch: 83774

Client Sample ID: GW241-428-211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Bromide	1.3	D J1	25.0	48.6	D J1	mg/L		189	90 - 110		
Sulfate	43	D J1	25.0	99.4	E D J1	mg/L		224	90 - 110		

Lab Sample ID: 410-25683-6 DU
Matrix: Water
Analysis Batch: 83774

Client Sample ID: GW241-428-211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Bromide	1.3	D J1		1.35	J D	mg/L				4	15
Sulfate	43	D J1		44.7	D	mg/L				3	15

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QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 410-84189/4
Matrix: Water
Analysis Batch: 84189

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	0.279	J	0.50	0.40	0.25	mg/L		01/12/21 13:50	1
Chloride	0.30	U	0.40	0.30	0.20	mg/L		01/12/21 13:50	1
Sulfate	0.90	U	1.0	0.90	0.30	mg/L		01/12/21 13:50	1

Lab Sample ID: LCS 410-84189/3
Matrix: Water
Analysis Batch: 84189

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromide	7.50	7.52		mg/L		100	90 - 110
Chloride	3.00	2.97		mg/L		99	90 - 110
Sulfate	7.50	7.64		mg/L		102	90 - 110

Lab Sample ID: MB 410-84268/4
Matrix: Water
Analysis Batch: 84268

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	0.278	J	0.50	0.40	0.25	mg/L		01/13/21 07:21	1
Chloride	0.226	J	0.40	0.30	0.20	mg/L		01/13/21 07:21	1
Sulfate	0.90	U	1.0	0.90	0.30	mg/L		01/13/21 07:21	1

Lab Sample ID: LCS 410-84268/3
Matrix: Water
Analysis Batch: 84268

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromide	7.50	7.89		mg/L		105	90 - 110
Chloride	3.00	3.14		mg/L		105	90 - 110
Sulfate	7.50	8.05		mg/L		107	90 - 110

Lab Sample ID: 410-25683-6 MS
Matrix: Water
Analysis Batch: 84268

Client Sample ID: GW241-428-211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromide	8.0	U	100	92.3	D	mg/L		92	90 - 110
Chloride	28	D B J1	40.0	63.2	D J1	mg/L		88	90 - 110
Sulfate	45	D	100	135	D	mg/L		90	90 - 110

Lab Sample ID: 410-25683-6 DU
Matrix: Water
Analysis Batch: 84268

Client Sample ID: GW241-428-211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Bromide	8.0	U	5.06	J D	mg/L		NC	15
Chloride	28	D B J1	31.0	D	mg/L		10	15
Sulfate	45	D	47.9	D	mg/L		6	15

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QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-83222/1-A
Matrix: Water
Analysis Batch: 83284

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 83222

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/08/21 07:41	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		01/08/21 07:41	1

Lab Sample ID: LCS 410-83222/2-A
Matrix: Water
Analysis Batch: 83284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 83222

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.400	0.397		mg/L		99	87 - 115
Manganese	0.0200	0.0199		mg/L		99	90 - 114

Lab Sample ID: MB 410-83188/1-A
Matrix: Water
Analysis Batch: 83760

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 83188

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	0.15	U	0.20	0.15	0.096	mg/L		01/11/21 14:04	1
Magnesium	0.075	U	0.10	0.075	0.040	mg/L		01/11/21 14:04	1
Potassium	0.45	U	0.50	0.45	0.20	mg/L		01/11/21 14:04	1
Sodium	0.50	U	1.0	0.50	0.24	mg/L		01/11/21 14:04	1

Lab Sample ID: LCS 410-83188/2-A
Matrix: Water
Analysis Batch: 83760

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 83188

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	0.400	0.404		mg/L		101	87 - 113
Magnesium	0.200	0.200		mg/L		100	85 - 113
Potassium	6.00	5.79		mg/L		96	86 - 114
Sodium	2.00	1.99		mg/L		99	87 - 115

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 410-83190/1-A
Matrix: Water
Analysis Batch: 83367

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 83190

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/08/21 12:50	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/08/21 12:50	1

Lab Sample ID: LCS 410-83190/2-A
Matrix: Water
Analysis Batch: 83367

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 83190

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0600	0.0602		mg/L		100	84 - 116
Lead	0.0300	0.0294		mg/L		98	88 - 115

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QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 410-83721/7
Matrix: Water
Analysis Batch: 83721

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/08/21 20:05	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/08/21 20:05	1
Total Alkalinity as CaCO3 to pH 4.5	6.0	U	8.0	6.0	2.6	mg/L		01/08/21 20:05	1

Lab Sample ID: LCS 410-83721/9
Matrix: Water
Analysis Batch: 83721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	189	158		mg/L		84	82 - 106

Lab Sample ID: LCSD 410-83721/10
Matrix: Water
Analysis Batch: 83721

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	189	164		mg/L		87	82 - 106	4	10

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 410-83424/87
Matrix: Water
Analysis Batch: 83424

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/08/21 14:36	1

Lab Sample ID: LCS 410-83424/86
Matrix: Water
Analysis Batch: 83424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	2.50	2.57		mg/L		103	90 - 110

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

GC Semi VOA

Prep Batch: 83451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25683-1	TB211-10	Total/NA	Water	8011	
410-25683-2	GW201-211	Total/NA	Water	8011	
410-25683-3	GW202-211	Total/NA	Water	8011	
410-25683-4	GW203-211	Total/NA	Water	8011	
410-25683-5	TB211-11	Total/NA	Water	8011	
MB 410-83451/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-83451/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-83451/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 83598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25683-1	TB211-10	Total/NA	Water	8011	83451
410-25683-2	GW201-211	Total/NA	Water	8011	83451
410-25683-3	GW202-211	Total/NA	Water	8011	83451
410-25683-4	GW203-211	Total/NA	Water	8011	83451
410-25683-5	TB211-11	Total/NA	Water	8011	83451
MB 410-83451/1-A	Method Blank	Total/NA	Water	8011	83451
LCS 410-83451/2-A	Lab Control Sample	Total/NA	Water	8011	83451
LCSD 410-83451/3-A	Lab Control Sample Dup	Total/NA	Water	8011	83451

Prep Batch: 83866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25683-6	GW241-428-211	Total/NA	Water	8011	
410-25683-7	GW241-428-611	Total/NA	Water	8011	
410-25683-8	GW049-211	Total/NA	Water	8011	
410-25683-9	GW050-211	Total/NA	Water	8011	
410-25683-10	TB211-12	Total/NA	Water	8011	
410-25683-11	GW032-211	Total/NA	Water	8011	
410-25683-12	GW033-211	Total/NA	Water	8011	
410-25683-13	GW034-211	Total/NA	Water	8011	
410-25683-14	TB211-13	Total/NA	Water	8011	
410-25683-15	GW230-211	Total/NA	Water	8011	
410-25683-16	GW041-211	Total/NA	Water	8011	
410-25683-17	GW051-211	Total/NA	Water	8011	
MB 410-83866/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-83866/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-83866/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 84285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25683-6	GW241-428-211	Total/NA	Water	8011	83866
410-25683-7	GW241-428-611	Total/NA	Water	8011	83866
410-25683-8	GW049-211	Total/NA	Water	8011	83866
410-25683-9	GW050-211	Total/NA	Water	8011	83866
410-25683-10	TB211-12	Total/NA	Water	8011	83866
410-25683-11	GW032-211	Total/NA	Water	8011	83866
410-25683-12	GW033-211	Total/NA	Water	8011	83866
410-25683-13	GW034-211	Total/NA	Water	8011	83866
410-25683-14	TB211-13	Total/NA	Water	8011	83866
410-25683-15	GW230-211	Total/NA	Water	8011	83866
410-25683-16	GW041-211	Total/NA	Water	8011	83866

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

GC Semi VOA (Continued)

Analysis Batch: 84285 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25683-17	GW051-211	Total/NA	Water	8011	83866
MB 410-83866/1-A	Method Blank	Total/NA	Water	8011	83866
LCS 410-83866/2-A	Lab Control Sample	Total/NA	Water	8011	83866
LCSD 410-83866/3-A	Lab Control Sample Dup	Total/NA	Water	8011	83866

HPLC/IC

Analysis Batch: 83774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25683-6	GW241-428-211	Total/NA	Water	EPA 300.0 R2.1	
410-25683-7	GW241-428-611	Total/NA	Water	EPA 300.0 R2.1	
410-25683-15	GW230-211	Total/NA	Water	EPA 300.0 R2.1	
410-25683-16	GW041-211	Total/NA	Water	EPA 300.0 R2.1	
MB 410-83774/25	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 410-83774/3	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
410-25683-6 MS	GW241-428-211	Total/NA	Water	EPA 300.0 R2.1	
410-25683-6 DU	GW241-428-211	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 84189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25683-16	GW041-211	Total/NA	Water	EPA 300.0 R2.1	
MB 410-84189/4	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 410-84189/3	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 84268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25683-6	GW241-428-211	Total/NA	Water	EPA 300.0 R2.1	
410-25683-7	GW241-428-611	Total/NA	Water	EPA 300.0 R2.1	
410-25683-16	GW041-211	Total/NA	Water	EPA 300.0 R2.1	
MB 410-84268/4	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 410-84268/3	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
410-25683-6 MS	GW241-428-211	Total/NA	Water	EPA 300.0 R2.1	
410-25683-6 DU	GW241-428-211	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 83188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25683-6	GW241-428-211	Total Recoverable	Water	3005A	
410-25683-7	GW241-428-611	Total Recoverable	Water	3005A	
410-25683-15	GW230-211	Total Recoverable	Water	3005A	
410-25683-16	GW041-211	Total Recoverable	Water	3005A	
MB 410-83188/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-83188/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 83190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25683-6	GW241-428-211	Total/NA	Water	3005A	
410-25683-7	GW241-428-611	Total/NA	Water	3005A	
410-25683-15	GW230-211	Total/NA	Water	3005A	
410-25683-16	GW041-211	Total/NA	Water	3005A	
MB 410-83190/1-A	Method Blank	Total Recoverable	Water	3005A	

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

Metals (Continued)

Prep Batch: 83190 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-83190/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 83222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25683-6	GW241-428-211	Dissolved	Water	Non-Digest Prep	
410-25683-7	GW241-428-611	Dissolved	Water	Non-Digest Prep	
410-25683-15	GW230-211	Dissolved	Water	Non-Digest Prep	
410-25683-16	GW041-211	Dissolved	Water	Non-Digest Prep	
MB 410-83222/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-83222/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	

Analysis Batch: 83284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25683-6	GW241-428-211	Dissolved	Water	6010C	83222
410-25683-7	GW241-428-611	Dissolved	Water	6010C	83222
410-25683-15	GW230-211	Dissolved	Water	6010C	83222
410-25683-16	GW041-211	Dissolved	Water	6010C	83222
MB 410-83222/1-A	Method Blank	Total/NA	Water	6010C	83222
LCS 410-83222/2-A	Lab Control Sample	Total/NA	Water	6010C	83222

Analysis Batch: 83367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25683-6	GW241-428-211	Total/NA	Water	6020A	83190
410-25683-7	GW241-428-611	Total/NA	Water	6020A	83190
410-25683-15	GW230-211	Total/NA	Water	6020A	83190
410-25683-16	GW041-211	Total/NA	Water	6020A	83190
MB 410-83190/1-A	Method Blank	Total Recoverable	Water	6020A	83190
LCS 410-83190/2-A	Lab Control Sample	Total Recoverable	Water	6020A	83190

Analysis Batch: 83760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25683-6	GW241-428-211	Total Recoverable	Water	6010C	83188
410-25683-7	GW241-428-611	Total Recoverable	Water	6010C	83188
410-25683-15	GW230-211	Total Recoverable	Water	6010C	83188
410-25683-16	GW041-211	Total Recoverable	Water	6010C	83188
MB 410-83188/1-A	Method Blank	Total Recoverable	Water	6010C	83188
LCS 410-83188/2-A	Lab Control Sample	Total Recoverable	Water	6010C	83188

General Chemistry

Analysis Batch: 83424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25683-6	GW241-428-211	Total/NA	Water	353.2	
410-25683-7	GW241-428-611	Total/NA	Water	353.2	
410-25683-15	GW230-211	Total/NA	Water	353.2	
410-25683-16	GW041-211	Total/NA	Water	353.2	
MB 410-83424/87	Method Blank	Total/NA	Water	353.2	
LCS 410-83424/86	Lab Control Sample	Total/NA	Water	353.2	

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

General Chemistry

Analysis Batch: 83721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25683-6	GW241-428-211	Total/NA	Water	2320B-2011	
410-25683-7	GW241-428-611	Total/NA	Water	2320B-2011	
410-25683-15	GW230-211	Total/NA	Water	2320B-2011	
410-25683-16	GW041-211	Total/NA	Water	2320B-2011	
MB 410-83721/7	Method Blank	Total/NA	Water	2320B-2011	
LCS 410-83721/9	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 410-83721/10	Lab Control Sample Dup	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

Client Sample ID: TB211-10
Date Collected: 01/06/21 12:00
Date Received: 01/07/21 11:10

Lab Sample ID: 410-25683-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83451	01/09/21 02:19	UKQ8	ELLE
Total/NA	Analysis	8011		1	83598	01/11/21 16:07	UAMZ	ELLE

Client Sample ID: GW201-211
Date Collected: 01/06/21 09:40
Date Received: 01/07/21 11:10

Lab Sample ID: 410-25683-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83451	01/09/21 02:19	UKQ8	ELLE
Total/NA	Analysis	8011		1	83598	01/11/21 16:23	UAMZ	ELLE

Client Sample ID: GW202-211
Date Collected: 01/06/21 09:25
Date Received: 01/07/21 11:10

Lab Sample ID: 410-25683-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83451	01/09/21 02:19	UKQ8	ELLE
Total/NA	Analysis	8011		1	83598	01/11/21 16:40	UAMZ	ELLE

Client Sample ID: GW203-211
Date Collected: 01/06/21 09:15
Date Received: 01/07/21 11:10

Lab Sample ID: 410-25683-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83451	01/09/21 02:19	UKQ8	ELLE
Total/NA	Analysis	8011		1	83598	01/11/21 16:57	UAMZ	ELLE

Client Sample ID: TB211-11
Date Collected: 01/06/21 12:00
Date Received: 01/07/21 11:10

Lab Sample ID: 410-25683-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83451	01/09/21 02:19	UKQ8	ELLE
Total/NA	Analysis	8011		1	83598	01/11/21 17:13	UAMZ	ELLE

Client Sample ID: GW241-428-211
Date Collected: 01/06/21 13:10
Date Received: 01/07/21 11:10

Lab Sample ID: 410-25683-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83866	01/12/21 04:01	UKQ8	ELLE
Total/NA	Analysis	8011		1	84285	01/13/21 08:12	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		20	84268	01/13/21 14:49	GJ35	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	83774	01/11/21 20:04	DG	ELLE
Dissolved	Prep	Non-Digest Prep			83222	01/08/21 07:04	UAMX	ELLE
Dissolved	Analysis	6010C		1	83284	01/08/21 08:34	MDP5	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

Client Sample ID: GW241-428-211
Date Collected: 01/06/21 13:10
Date Received: 01/07/21 11:10

Lab Sample ID: 410-25683-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			83188	01/08/21 04:21	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	83760	01/11/21 15:21	UCIG	ELLE
Total/NA	Prep	3005A			83190	01/08/21 04:35	UAMX	ELLE
Total/NA	Analysis	6020A		1	83367	01/08/21 13:46	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	83721	01/08/21 23:09	JB	ELLE
Total/NA	Analysis	353.2		1	83424	01/08/21 15:21	QU5I	ELLE

Client Sample ID: GW241-428-611
Date Collected: 01/06/21 13:10
Date Received: 01/07/21 11:10

Lab Sample ID: 410-25683-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83866	01/12/21 04:01	UKQ8	ELLE
Total/NA	Analysis	8011		1	84285	01/13/21 08:28	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		20	84268	01/13/21 14:15	GJ35	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	83774	01/11/21 21:29	DG	ELLE
Dissolved	Prep	Non-Digest Prep			83222	01/08/21 07:04	UAMX	ELLE
Dissolved	Analysis	6010C		1	83284	01/08/21 08:10	MDP5	ELLE
Total Recoverable	Prep	3005A			83188	01/08/21 04:21	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	83760	01/11/21 15:24	UCIG	ELLE
Total/NA	Prep	3005A			83190	01/08/21 04:35	UAMX	ELLE
Total/NA	Analysis	6020A		1	83367	01/08/21 13:48	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	83721	01/08/21 23:17	JB	ELLE
Total/NA	Analysis	353.2		1	83424	01/08/21 15:23	QU5I	ELLE

Client Sample ID: GW049-211
Date Collected: 01/06/21 11:10
Date Received: 01/07/21 11:10

Lab Sample ID: 410-25683-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83866	01/12/21 04:01	UKQ8	ELLE
Total/NA	Analysis	8011		1	84285	01/13/21 08:45	AC3T	ELLE

Client Sample ID: GW050-211
Date Collected: 01/06/21 11:45
Date Received: 01/07/21 11:10

Lab Sample ID: 410-25683-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83866	01/12/21 04:01	UKQ8	ELLE
Total/NA	Analysis	8011		1	84285	01/13/21 09:02	AC3T	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

Client Sample ID: TB211-12
Date Collected: 01/06/21 12:00
Date Received: 01/07/21 11:10

Lab Sample ID: 410-25683-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83866	01/12/21 04:01	UKQ8	ELLE
Total/NA	Analysis	8011		1	84285	01/13/21 09:19	AC3T	ELLE

Client Sample ID: GW032-211
Date Collected: 01/06/21 10:40
Date Received: 01/07/21 11:10

Lab Sample ID: 410-25683-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83866	01/12/21 04:01	UKQ8	ELLE
Total/NA	Analysis	8011		1	84285	01/13/21 09:36	AC3T	ELLE

Client Sample ID: GW033-211
Date Collected: 01/06/21 10:15
Date Received: 01/07/21 11:10

Lab Sample ID: 410-25683-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83866	01/12/21 04:01	UKQ8	ELLE
Total/NA	Analysis	8011		1	84285	01/13/21 09:52	AC3T	ELLE

Client Sample ID: GW034-211
Date Collected: 01/06/21 10:27
Date Received: 01/07/21 11:10

Lab Sample ID: 410-25683-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83866	01/12/21 04:01	UKQ8	ELLE
Total/NA	Analysis	8011		1	84285	01/13/21 10:42	AC3T	ELLE

Client Sample ID: TB211-13
Date Collected: 01/06/21 12:00
Date Received: 01/07/21 11:10

Lab Sample ID: 410-25683-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83866	01/12/21 04:01	UKQ8	ELLE
Total/NA	Analysis	8011		1	84285	01/13/21 10:59	AC3T	ELLE

Client Sample ID: GW230-211
Date Collected: 01/06/21 12:42
Date Received: 01/07/21 11:10

Lab Sample ID: 410-25683-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83866	01/12/21 04:01	UKQ8	ELLE
Total/NA	Analysis	8011		1	84285	01/13/21 11:16	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	83774	01/11/21 21:12	DG	ELLE
Dissolved	Prep	Non-Digest Prep			83222	01/08/21 07:04	UAMX	ELLE
Dissolved	Analysis	6010C		1	83284	01/08/21 08:20	MDP5	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

Client Sample ID: GW230-211

Lab Sample ID: 410-25683-15
Matrix: Water
Date Collected: 01/06/21 12:42
Date Received: 01/07/21 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			83188	01/08/21 04:21	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	83760	01/11/21 15:09	UCIG	ELLE
Total/NA	Prep	3005A			83190	01/08/21 04:35	UAMX	ELLE
Total/NA	Analysis	6020A		1	83367	01/08/21 13:38	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	83721	01/08/21 23:34	JB	ELLE
Total/NA	Analysis	353.2		1	83424	01/08/21 15:25	QU5I	ELLE

Client Sample ID: GW041-211

Lab Sample ID: 410-25683-16
Matrix: Water
Date Collected: 01/06/21 12:12
Date Received: 01/07/21 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83866	01/12/21 04:01	UKQ8	ELLE
Total/NA	Analysis	8011		1	84285	01/13/21 11:32	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		20	84189	01/13/21 00:25	GJ35	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		20	84268	01/13/21 14:32	GJ35	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	83774	01/11/21 21:46	DG	ELLE
Dissolved	Prep	Non-Digest Prep			83222	01/08/21 07:04	UAMX	ELLE
Dissolved	Analysis	6010C		1	83284	01/08/21 08:24	MDP5	ELLE
Total Recoverable	Prep	3005A			83188	01/08/21 04:21	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	83760	01/11/21 15:02	UCIG	ELLE
Total/NA	Prep	3005A			83190	01/08/21 04:35	UAMX	ELLE
Total/NA	Analysis	6020A		1	83367	01/08/21 13:36	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	83721	01/08/21 23:01	JB	ELLE
Total/NA	Analysis	353.2		1	83424	01/08/21 15:27	QU5I	ELLE

Client Sample ID: GW051-211

Lab Sample ID: 410-25683-17
Matrix: Water
Date Collected: 01/06/21 11:28
Date Received: 01/07/21 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83866	01/12/21 04:01	UKQ8	ELLE
Total/NA	Analysis	8011		1	84285	01/13/21 11:49	AC3T	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-25683-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	01-31-21

Method Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

Method	Method Description	Protocol	Laboratory
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	ELLE
6010C	Metals (ICP)	SW846	ELLE
6020A	Metals (ICP/MS)	SW846	ELLE
2320B-2011	Alkalinity, Total	SM	ELLE
353.2	Nitrogen, Nitrate-Nitrite	MCAWW	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency
MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25683-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-25683-1	TB211-10	Water	01/06/21 12:00	01/07/21 11:10	
410-25683-2	GW201-211	Water	01/06/21 09:40	01/07/21 11:10	
410-25683-3	GW202-211	Water	01/06/21 09:25	01/07/21 11:10	
410-25683-4	GW203-211	Water	01/06/21 09:15	01/07/21 11:10	
410-25683-5	TB211-11	Water	01/06/21 12:00	01/07/21 11:10	
410-25683-6	GW241-428-211	Water	01/06/21 13:10	01/07/21 11:10	
410-25683-7	GW241-428-611	Water	01/06/21 13:10	01/07/21 11:10	
410-25683-8	GW049-211	Water	01/06/21 11:10	01/07/21 11:10	
410-25683-9	GW050-211	Water	01/06/21 11:45	01/07/21 11:10	
410-25683-10	TB211-12	Water	01/06/21 12:00	01/07/21 11:10	
410-25683-11	GW032-211	Water	01/06/21 10:40	01/07/21 11:10	
410-25683-12	GW033-211	Water	01/06/21 10:15	01/07/21 11:10	
410-25683-13	GW034-211	Water	01/06/21 10:27	01/07/21 11:10	
410-25683-14	TB211-13	Water	01/06/21 12:00	01/07/21 11:10	
410-25683-15	GW230-211	Water	01/06/21 12:42	01/07/21 11:10	
410-25683-16	GW041-211	Water	01/06/21 12:12	01/07/21 11:10	
410-25683-17	GW051-211	Water	01/06/21 11:28	01/07/21 11:10	

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-O CORD

410-25683 Chain of Custody

COC NUMBER	
	COC-TB211-10

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
			Amanda Smith: asmith@eaest.com EA	2021
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-10	1/6/21	1200	2		~~2~~ JL		2						
			JRL											

Associated with:
GW201-211
GW202-211
GW203-211

~~TB211-10~~ X

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7533

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
J Livingston	1/6/21	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reiff mr	1/7/21	1103

QM

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-201-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW201-211	01/06/2021	0940	2			AR	2						
	AR													

TB211- 1c

SAMPLER(S): A. Roseburgh, D. Schmeltz

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7533

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Roseburgh	1/6/21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Rutt	1/7/21	1103

MR 1/20/2021

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-202-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW202-211	01/06/21	0925	2			AR	2						
	AR													

TB211- 10

SAMPLER(S): A. Rosebrough, D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7533

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	01/6/21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Rutt	1/7/21	1103

QCM

MR

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400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-203-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW203-211	01/06/2021	0915	2			NP	2						
NP														

TB211- 10

SAMPLER(S): A. Rosebrough, B. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8116 4700 7533

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	01/06/21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reitz	1/7/21	1103

QM

MF

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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211- 11

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211- 11	1/6/21	1200	2		2 JL		2						
			JRL											

Associated with:
GW 241-428-211
GW 241-428-611
GW 049-211
GW 050-211

~~TB211-11~~

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7522

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
J Livingston	1/6/21	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reitt NR	1/7/21	1106

QCM

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-241-428-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW241-428-211	01/06/2021	1310	7			AK	2	1	1*	1	1	1	
2	GW241-428-611	01/06/2021	1310	7			AK	2	1	1*	1	1	1	

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 11

SAMPLER(S): A. Rosebrough D. Schmeltz

COURIER AND SHIPPING NUMBER: FedEx 9161 4700 7522

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
Amy Rosebrough	1/6/21	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reitt	1/7/21	1106

QCM

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-049-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111 | LAB PO NUMBER: 21295 | LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW049-211	01/06/2021	1110	2			*R	2						

TB211- //

SAMPLER(S): A. Rosebrough, D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7522

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	1/6/2021	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reiff	1/7/21	1106

QPM

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-050-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA	2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW050-211	01/06/2021	1615	2				2						

TB211-

SAMPLER(S): A. Roseborough, D. Schmeelk	COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7522			
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
Amy Roseborough	1/6/21	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Ruth	1/7/21	1106

QCR

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211- 12

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA	2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(6011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211- 12	1/6/21	1200	2		~~2~~ 1		2						
			JRL											

Associated with:
GW032-211
GW033-211
GW034-211

~~TB211- 12~~

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7511

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
J Livingston	1/6/21	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reitt	1/7/21	1101

qem

1/20/2021

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400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-032-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA	2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: • Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW032-211	01/06/2021	1040	2			AR	2						
	AR													

TB211- 12

SAMPLER(S): A. Roseborough, D. Schnuelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7511

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Roseborough	1/6/21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reitt	1/7/21	1101

YCM

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400 Hunt Valley MD
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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-033-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111 | LAB PO NUMBER: 21295 | LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total Carbonate, and Bicarbonate)	COMMENTS
1	GW033-211	01/06/2021	1015	2				2						

TB211- 12

SAMPLER(S): A. Rosebrough, P. Schmeltz

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7511

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	01/6/21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reitt	1/7/21	1101

pm

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1/20/2021 MR

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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-034-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW034-211	01/06/2021	1027	2			AR	2						
	AR													

TB211- 12

SAMPLER(S): A. Rosebrough, N. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7511

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
Amy Rosebrough	01/06/21	1680			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Ruff	1/7/21	1101

PM

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400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211- 13

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-13	1/6/21	1200	2		JE		2						
		JRL												

Associated with:
GW230-211
GW041-211
GW051-211

~~TB211-13~~ X

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7500

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
J Livingston	1/6/21	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Wesley Miller	1/7/21	1110

QFM

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-230-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA	2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW230-211	01/06/2021	1242	7			AR	2	1	1*	1	1	1	
	AR													

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 13

SAMPLER(S): A. Roseborough, D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 9161 4700 7500

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy J Roseborough	1/6/21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/7/21	1110

QEM

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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-041-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW041-211	01/06/2021	1212	7			AR	2	1	1*	1	1	1	

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 13

SAMPLER(S): A. Rosebrough, D. Schumacher
COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7500

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	01/6/21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/7/21	1110

QFM

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-051-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA	2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW051-211	01/06/2021	1128	2			AK	2						
	AK													

TB211- 13

SAMPLER(S): A. Roseborough, O. Schmelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7500

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Roseborough	01/6/21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/7/21	1110

QAM

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-25683-1

Login Number: 25683
List Number: 1
Creator: Colon Martinez, Jessenia C

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-25765-1
Client Project/Site: Kirtland AFB - GWM & IRM Op Mod

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
1/21/2021 10:35:43 AM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS
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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy

Darlene Bandy
Project Manager I
1/21/2021 10:35:43 AM

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
D	The reported value is from a dilution.
E	Result exceeded calibration range.
J1	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
U	Undetected at the Limit of Detection.

GC Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
D	The reported value is from a dilution.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
J1	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
M	Manual integrated compound.
Q	One or more quality control criteria failed.
U	Undetected at the Limit of Detection.

HPLC/IC

Qualifier	Qualifier Description
D	The reported value is from a dilution.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
J1	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
M	Manual integrated compound.
U	Undetected at the Limit of Detection.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
J1	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
Q	One or more quality control criteria failed.
U	Undetected at the Limit of Detection.

General Chemistry

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)

Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Job ID: 410-25765-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-25765-1

Receipt
The samples were received on 1/8/2021 11:11 AM; the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 0.2°C, 0.3°C, 0.4°C, 0.5°C, 0.7°C and 0.7°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8011: The continuing calibration verification (CCV) associated with batch 410-84285 recovered above the upper control for 1,1,2,2-Tetrachloroethane (surrogate) on the confirmation.column. Ethylene Dibromide is reported from the primary column. The associated sample is: GW243-425-211 (410-25765-16).

Method 8011: The continuing calibration verification (CCV) associated with batch 410-84416 recovered above the upper control for 1,1,2,2-Tetrachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: TB211-14 (410-25765-1), GW240-449-211 (410-25765-2), GW244-445-(410-25765-3), GW245-460-211 (410-25765-4), TB211-15 (410-25765-5) and GW247-450-211 (410-25765-7).

Method 8011: The continuing calibration verification (CCV) associated with batch 410-84416 recovered above the upper control for 1,1,2,2-Tetrachloroethane on the primary column. Ethylene Dibromide reported from the confirmation column. The associate sample is: GWS4-446-211 (410-25765-6).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Client Sample ID: TB211-14 — Lab Sample ID: 410-25765-1

No Detections.

Client Sample ID: GW240-449-211 — Lab Sample ID: 410-25765-2

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Bromide	4.3	D	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	160	D	20	15	10	mg/L	50		EPA 300.0 R2.1	Total/NA
Sulfate	340	D	50	45	15	mg/L	50		EPA 300.0 R2.1	Total/NA
Calcium	210		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	30		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	4.6		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	46		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Arsenic	0.00093	J	0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	81		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	81		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Nitrate Nitrite as N	6.0		1.0	0.90	0.40	mg/L	10		353.2	Total/NA

Client Sample ID: GW244-445-211 — Lab Sample ID: 410-25765-3

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Chloride	100	D	20	15	10	mg/L	50		EPA 300.0 R2.1	Total/NA
Sulfate	250	D	50	45	15	mg/L	50		EPA 300.0 R2.1	Total/NA
Calcium	140		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	21		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	4.6		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	58		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Arsenic	0.0010	J	0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Lead	0.000088	J	0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	99		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	99		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Nitrate Nitrite as N	3.5		0.50	0.45	0.20	mg/L	5		353.2	Total/NA

Client Sample ID: GW245-460-211 — Lab Sample ID: 410-25765-4

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Bromide	3.5	D	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	65	D	20	15	10	mg/L	50		EPA 300.0 R2.1	Total/NA
Sulfate	85	D	50	45	15	mg/L	50		EPA 300.0 R2.1	Total/NA
Calcium	77		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	11		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	2.7		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	29		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Client Sample ID: GW245-460-211 (Continued) — Lab Sample ID: 410-25765-4

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0011	J	0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	100		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	100		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Nitrate Nitrite as N	11		0.50	0.45	0.20	mg/L	5		353.2	Total/NA

Client Sample ID: TB211-15 — Lab Sample ID: 410-25765-5

No Detections.

Client Sample ID: GWS4-446-211 — Lab Sample ID: 410-25765-6

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (2C)	0.026	J Q	0.029	0.019	0.0096	ug/L	1		8011	Total/NA
Bromide	4.1	D	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	170	D	20	15	10	mg/L	50		EPA 300.0 R2.1	Total/NA
Sulfate	370	D	50	45	15	mg/L	50		EPA 300.0 R2.1	Total/NA
Calcium	190		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	29		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	4.9		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	66		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Arsenic	0.00081	J	0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	93		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	93		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Nitrate Nitrite as N	6.9		1.0	0.90	0.40	mg/L	10		353.2	Total/NA

Client Sample ID: GW247-450-211 — Lab Sample ID: 410-25765-7

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Chloride	12	J1 D	2.0	1.5	1.0	mg/L	5		EPA 300.0 R2.1	Total/NA
Sulfate	33	D	5.0	4.5	1.5	mg/L	5		EPA 300.0 R2.1	Total/NA
Calcium	48		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	7.0		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	2.4		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	26		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Bicarbonate Alkalinity as CaCO3	160		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	160		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Nitrate Nitrite as N	0.68		0.10	0.090	0.040	mg/L	1		353.2	Total/NA

Client Sample ID: GW247-450-611 — Lab Sample ID: 410-25765-8

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11	D	2.0	1.5	1.0	mg/L	5		EPA 300.0 R2.1	Total/NA
Sulfate	29	D	5.0	4.5	1.5	mg/L	5		EPA 300.0 R2.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Client Sample ID: GW247-450-611 (Continued)

Lab Sample ID: 410-25765-8

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Calcium	51		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	7.3		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	2.5		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	27		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Bicarbonate Alkalinity as CaCO3	150		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	150		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Nitrate Nitrite as N	0.59		0.10	0.090	0.040	mg/L	1		353.2	Total/NA

Client Sample ID: TB211-16

Lab Sample ID: 410-25765-9

No Detections.

Client Sample ID: GWS8-451-211

Lab Sample ID: 410-25765-10

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	100	D	10	8.0	4.0	ug/L	10		8260C DOD	Total/NA
Toluene	1100	D	10	5.0	2.0	ug/L	10		8260C DOD	Total/NA
Xylenes, Total	1600		60	28	14	ug/L	10		8260C DOD	Total/NA
Benzene - DL	4800	D	100	50	20	ug/L	100		8260C DOD	Total/NA
Ethylene Dibromide (2C)	350	D	140	96	48	ug/L	5000		8011	Total/NA
Bromide	2.1	J D	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	9.2	D	2.0	1.5	1.0	mg/L	5		EPA 300.0 R2.1	Total/NA
Calcium	180		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	27		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	4.0		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	41		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Iron	3.2		0.21	0.10	0.041	mg/L	1		6010C	Dissolved
Manganese	6.0		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved
Arsenic	0.0044		0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Lead	0.000072	J	0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	440		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	440		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA

Client Sample ID: GWS1-447-211

Lab Sample ID: 410-25765-11

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	500	D	10	8.0	4.0	ug/L	10		8260C DOD	Total/NA
Xylenes, Total	2300		60	28	14	ug/L	10		8260C DOD	Total/NA
Benzene - DL	5400	D	100	50	20	ug/L	100		8260C DOD	Total/NA
Toluene - DL	5900	D	100	50	20	ug/L	100		8260C DOD	Total/NA
Ethylene Dibromide (2C)	120	D	29	19	9.7	ug/L	1000		8011	Total/NA
Bromide	2.1	J D	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	19	D	2.0	1.5	1.0	mg/L	5		EPA 300.0 R2.1	Total/NA
Sulfate	6.2	D	5.0	4.5	1.5	mg/L	5		EPA 300.0 R2.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Client Sample ID: GWS1-447-211 (Continued) — Lab Sample ID: 410-25765-11

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Calcium	90		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	15		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	3.0		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	32		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Iron	0.33		0.21	0.10	0.041	mg/L	1		6010C	Dissolved
Manganese	2.9		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved
Arsenic	0.0030		0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Lead	0.00032	J	0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	280		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	280		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA

Client Sample ID: TB211-17 — Lab Sample ID: 410-25765-12

No Detections.

Client Sample ID: GW153-484-211 — Lab Sample ID: 410-25765-13

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (2C)	27	D	5.8	3.8	1.9	ug/L	200		8011	Total/NA
Bromide	1.5	J D	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	16	D	2.0	1.5	1.0	mg/L	5		EPA 300.0 R2.1	Total/NA
Calcium	120	J1	0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	18	J1	0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	3.5		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	34	J1	1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Iron	1.5		0.21	0.10	0.041	mg/L	1		6010C	Dissolved
Manganese	2.7		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved
Arsenic	0.0016	J	0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	350		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	350		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA

Client Sample ID: GW149-484-211 — Lab Sample ID: 410-25765-14

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (2C)	120	D	29	19	9.6	ug/L	1000		8011	Total/NA
Chloride	12	D	2.0	1.5	1.0	mg/L	5		EPA 300.0 R2.1	Total/NA
Calcium	81		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	13		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	3.5		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	30		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Iron	0.24		0.21	0.10	0.041	mg/L	1		6010C	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW149-484-211 (Continued) — Lab Sample ID: 410-25765-14

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Manganese	2.5		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved
Arsenic	0.0038		0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Lead	0.00095		0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	270		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	270		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA

Client Sample ID: TB211-18 — Lab Sample ID: 410-25765-15

No Detections.

Client Sample ID: GW243-425-211 — Lab Sample ID: 410-25765-16

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (1C)	0.023	J M	0.029	0.019	0.0097	ug/L	1		8011	Total/NA
Chloride	17	D	2.0	1.5	1.0	mg/L	5		EPA 300.0 R2.1	Total/NA
Sulfate	38	D	5.0	4.5	1.5	mg/L	5		EPA 300.0 R2.1	Total/NA
Calcium	51		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	7.0		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	2.5		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	26		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Arsenic	0.0012	J	0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Lead	0.000087	J	0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	150		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	150		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA

Client Sample ID: TB211-19 — Lab Sample ID: 410-25765-17

No Detections.

Client Sample ID: GWS2-451-211 — Lab Sample ID: 410-25765-18

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	65	J1 D	2.0	1.6	0.80	ug/L	2		8260C DOD	Total/NA
Toluene	70	J1 D	2.0	1.0	0.40	ug/L	2		8260C DOD	Total/NA
Xylenes, Total	820	J1	12	5.6	2.8	ug/L	2		8260C DOD	Total/NA
Benzene - DL	1300	D	20	10	4.0	ug/L	20		8260C DOD	Total/NA
Ethylene Dibromide (2C)	24	J1 D	5.8	3.8	1.9	ug/L	200		8011	Total/NA
Bromide	3.5	D	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	150	D	20	15	10	mg/L	50		EPA 300.0 R2.1	Total/NA
Sulfate	1.7	J D	5.0	4.5	1.5	mg/L	5		EPA 300.0 R2.1	Total/NA
Calcium	150		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	25		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	3.8		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	41		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GWS2-451-211 (Continued)
Lab Sample ID: 410-25765-18

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Iron	2.1	J1	0.21	0.10	0.041	mg/L	1		6010C	Dissolved
Manganese	7.0	J1	0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved
Arsenic	0.0020		0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Lead	0.0018		0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	380		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	380		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: TB211-14
Lab Sample ID: 410-25765-1
Date Collected: 01/07/21 11:00
Matrix: Water
Date Received: 01/08/21 11:11

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 09:26	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/14/21 09:26	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 09:26	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/14/21 09:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*01/14/21 09:26*	*1*
4-Bromofluorobenzene (Surr)	*94*		*85 - 114*		*01/14/21 09:26*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 119*		*01/14/21 09:26*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/14/21 09:26*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U Q	0.029	0.019	0.0097	ug/L		01/13/21 11:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*111*	*Q*	*46 - 136*	*01/12/21 19:49*	*01/13/21 11:29*	*1*
1,1,2,2-Tetrachloroethane (2C)	*101*	*Q*	*46 - 136*	*01/12/21 19:49*	*01/13/21 11:29*	*1*

Client Sample ID: GW240-449-211
Lab Sample ID: 410-25765-2
Date Collected: 01/07/21 08:45
Matrix: Water
Date Received: 01/08/21 11:11

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 13:07	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/14/21 13:07	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 13:07	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/14/21 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*		*01/14/21 13:07*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*01/14/21 13:07*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 119*		*01/14/21 13:07*	*1*
Toluene-d8 (Surr)	*98*		*89 - 112*		*01/14/21 13:07*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U Q	0.029	0.019	0.0096	ug/L		01/13/21 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*116*	*Q*	*46 - 136*	*01/12/21 19:49*	*01/13/21 11:46*	*1*
1,1,2,2-Tetrachloroethane (2C)	*97*	*Q*	*46 - 136*	*01/12/21 19:49*	*01/13/21 11:46*	*1*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	**4.3**	**D**	2.5	2.0	1.3	mg/L		01/09/21 22:22	5
Chloride	**160**	**D**	20	15	10	mg/L		01/09/21 22:40	50
Sulfate	**340**	**D**	50	45	15	mg/L		01/09/21 22:40	50

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW240-449-211
Lab Sample ID: 410-25765-2
Date Collected: 01/07/21 08:45
Matrix: Water
Date Received: 01/08/21 11:11

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**210**		0.20	0.15	0.096	mg/L		01/12/21 12:23	1
Magnesium	**30**		0.10	0.075	0.040	mg/L		01/12/21 12:23	1
Potassium	**4.6**		0.50	0.45	0.20	mg/L		01/12/21 16:38	1
Sodium	**46**		1.0	0.50	0.24	mg/L		01/12/21 12:23	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/12/21 09:25	1
Manganese	0.0052	U Q	0.010	0.0052	0.0031	mg/L		01/12/21 09:25	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	**0.00093**	**J**	0.0020	0.0016	0.00068	mg/L		01/12/21 13:10	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/12/21 13:10	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**81**		8.0	6.0	2.6	mg/L		01/12/21 23:52	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 23:52	1
Total Alkalinity as CaCO3 to pH 4.5	**81**		8.0	6.0	2.6	mg/L		01/12/21 23:52	1
Nitrate Nitrite as N	**6.0**		1.0	0.90	0.40	mg/L		01/11/21 16:09	10

Client Sample ID: GW244-445-211
Lab Sample ID: 410-25765-3
Date Collected: 01/07/21 09:15
Matrix: Water
Date Received: 01/08/21 11:11

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 13:29	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/14/21 13:29	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 13:29	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/14/21 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*01/14/21 13:29*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*01/14/21 13:29*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 119*		*01/14/21 13:29*	*1*
Toluene-d8 (Surr)	*98*		*89 - 112*		*01/14/21 13:29*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U Q	0.029	0.019	0.0096	ug/L		01/13/21 12:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*123*	*Q*	*46 - 136*	*01/12/21 19:49*	*01/13/21 12:03*	*1*
1,1,2,2-Tetrachloroethane (2C)	*106*	*Q*	*46 - 136*	*01/12/21 19:49*	*01/13/21 12:03*	*1*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	2.0	U	2.5	2.0	1.3	mg/L		01/09/21 19:57	5
Chloride	**100**	**D**	20	15	10	mg/L		01/09/21 20:16	50
Sulfate	**250**	**D**	50	45	15	mg/L		01/09/21 20:16	50

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW244-445-211
Lab Sample ID: 410-25765-3
Date Collected: 01/07/21 09:15
Matrix: Water
Date Received: 01/08/21 11:11

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**140**		0.20	0.15	0.096	mg/L		01/12/21 12:52	1
Magnesium	**21**		0.10	0.075	0.040	mg/L		01/12/21 12:52	1
Potassium	**4.6**		0.50	0.45	0.20	mg/L		01/12/21 17:07	1
Sodium	**58**		1.0	0.50	0.24	mg/L		01/12/21 12:52	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/12/21 09:22	1
Manganese	0.0052	U Q	0.010	0.0052	0.0031	mg/L		01/12/21 09:22	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	**0.0010**	**J**	0.0020	0.0016	0.00068	mg/L		01/12/21 13:27	1
Lead	**0.000088**	**J**	0.00050	0.00025	0.000071	mg/L		01/12/21 13:27	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**99**		8.0	6.0	2.6	mg/L		01/12/21 23:20	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 23:20	1
Total Alkalinity as CaCO3 to pH 4.5	**99**		8.0	6.0	2.6	mg/L		01/12/21 23:20	1
Nitrate Nitrite as N	**3.5**		0.50	0.45	0.20	mg/L		01/11/21 16:11	5

Client Sample ID: GW245-460-211
Lab Sample ID: 410-25765-4
Date Collected: 01/07/21 10:30
Matrix: Water
Date Received: 01/08/21 11:11

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 13:52	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/14/21 13:52	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 13:52	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/14/21 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*01/14/21 13:52*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*01/14/21 13:52*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 119*		*01/14/21 13:52*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/14/21 13:52*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U Q	0.029	0.019	0.0096	ug/L		01/13/21 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*124*	*Q*	*46 - 136*	*01/12/21 19:49*	*01/13/21 12:20*	*1*
1,1,2,2-Tetrachloroethane (2C)	*108*	*Q*	*46 - 136*	*01/12/21 19:49*	*01/13/21 12:20*	*1*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	**3.5**	**D**	2.5	2.0	1.3	mg/L		01/09/21 21:10	5
Chloride	**65**	**D**	20	15	10	mg/L		01/09/21 21:28	50
Sulfate	**85**	**D**	50	45	15	mg/L		01/09/21 21:28	50

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW245-460-211
Lab Sample ID: 410-25765-4
Date Collected: 01/07/21 10:30
Matrix: Water
Date Received: 01/08/21 11:11

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**77**		0.20	0.15	0.096	mg/L		01/12/21 12:36	1
Magnesium	**11**		0.10	0.075	0.040	mg/L		01/12/21 12:36	1
Potassium	**2.7**		0.50	0.45	0.20	mg/L		01/12/21 16:51	1
Sodium	**29**		1.0	0.50	0.24	mg/L		01/12/21 12:36	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/12/21 09:29	1
Manganese	0.0052	U Q	0.010	0.0052	0.0031	mg/L		01/12/21 09:29	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	**0.0011**	**J**	0.0020	0.0016	0.00068	mg/L		01/12/21 13:17	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/12/21 13:17	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**100**		8.0	6.0	2.6	mg/L		01/12/21 23:46	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 23:46	1
Total Alkalinity as CaCO3 to pH 4.5	**100**		8.0	6.0	2.6	mg/L		01/12/21 23:46	1
Nitrate Nitrite as N	**11**		0.50	0.45	0.20	mg/L		01/11/21 16:17	5

Client Sample ID: TB211-15
Lab Sample ID: 410-25765-5
Date Collected: 01/07/21 11:00
Matrix: Water
Date Received: 01/08/21 11:11

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 09:48	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/14/21 09:48	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 09:48	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/14/21 09:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*		*01/14/21 09:48*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/14/21 09:48*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*01/14/21 09:48*	*1*
Toluene-d8 (Surr)	*98*		*89 - 112*		*01/14/21 09:48*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U Q	0.029	0.019	0.0097	ug/L		01/13/21 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*113*	*Q*	*46 - 136*	*01/12/21 19:49*	*01/13/21 12:37*	*1*
1,1,2,2-Tetrachloroethane (2C)	*107*	*Q*	*46 - 136*	*01/12/21 19:49*	*01/13/21 12:37*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GWS4-446-211
Lab Sample ID: 410-25765-6
Date Collected: 01/07/21 11:00
Matrix: Water
Date Received: 01/08/21 11:11

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 14:14	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/14/21 14:14	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 14:14	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/14/21 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*01/14/21 14:14*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*01/14/21 14:14*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 119*		*01/14/21 14:14*	*1*
Toluene-d8 (Surr)	*98*		*89 - 112*		*01/14/21 14:14*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	**0.026**	**J Q**	0.029	0.019	0.0096	ug/L		01/13/21 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*133*	*Q*	*46 - 136*	*01/12/21 19:49*	*01/13/21 12:54*	*1*
1,1,2,2-Tetrachloroethane (2C)	*103*	*Q*	*46 - 136*	*01/12/21 19:49*	*01/13/21 12:54*	*1*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	**4.1**	**D**	2.5	2.0	1.3	mg/L		01/09/21 21:46	5
Chloride	**170**	**D**	20	15	10	mg/L		01/09/21 22:04	50
Sulfate	**370**	**D**	50	45	15	mg/L		01/09/21 22:04	50

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**190**		0.20	0.15	0.096	mg/L		01/12/21 12:27	1
Magnesium	**29**		0.10	0.075	0.040	mg/L		01/12/21 12:27	1
Potassium	**4.9**		0.50	0.45	0.20	mg/L		01/12/21 16:41	1
Sodium	**66**		1.0	0.50	0.24	mg/L		01/12/21 12:27	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/12/21 20:17	1
Manganese	0.0052	U Q	0.010	0.0052	0.0031	mg/L		01/12/21 20:17	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	**0.00081**	**J**	0.0020	0.0016	0.00068	mg/L		01/12/21 13:12	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/12/21 13:12	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**93**		8.0	6.0	2.6	mg/L		01/12/21 23:40	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 23:40	1
Total Alkalinity as CaCO3 to pH 4.5	**93**		8.0	6.0	2.6	mg/L		01/12/21 23:40	1
Nitrate Nitrite as N	**6.9**		1.0	0.90	0.40	mg/L		01/11/21 16:19	10

Client Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Client Sample ID: GW247-450-211

Date Collected: 01/07/21 11:30
Date Received: 01/08/21 11:11

Lab Sample ID: 410-25765-7

Matrix: Water

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 14:36	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/14/21 14:36	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 14:36	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/14/21 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*01/14/21 14:36*	*1*
4-Bromofluorobenzene (Surr)	*94*		*85 - 114*		*01/14/21 14:36*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 119*		*01/14/21 14:36*	*1*
Toluene-d8 (Surr)	*98*		*89 - 112*		*01/14/21 14:36*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U Q	0.029	0.019	0.0097	ug/L		01/13/21 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*118*	*Q*	*46 - 136*	*01/12/21 19:49*	*01/13/21 13:11*	*1*
1,1,2,2-Tetrachloroethane (2C)	*108*	*Q*	*46 - 136*	*01/12/21 19:49*	*01/13/21 13:11*	*1*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	2.0	U	2.5	2.0	1.3	mg/L		01/09/21 19:03	5
Chloride	**12**	**J1 D**	2.0	1.5	1.0	mg/L		01/09/21 19:03	5
Sulfate	**33**	**D**	5.0	4.5	1.5	mg/L		01/09/21 19:03	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**48**		0.20	0.15	0.096	mg/L		01/12/21 12:55	1
Magnesium	**7.0**		0.10	0.075	0.040	mg/L		01/12/21 12:55	1
Potassium	**2.4**		0.50	0.45	0.20	mg/L		01/12/21 17:10	1
Sodium	**26**		1.0	0.50	0.24	mg/L		01/12/21 12:55	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/12/21 09:02	1
Manganese	0.0052	U Q	0.010	0.0052	0.0031	mg/L		01/12/21 11:39	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/12/21 13:23	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/12/21 13:23	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**160**		8.0	6.0	2.6	mg/L		01/12/21 23:26	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 23:26	1
Total Alkalinity as CaCO3 to pH 4.5	**160**		8.0	6.0	2.6	mg/L		01/12/21 23:26	1
Nitrate Nitrite as N	**0.68**		0.10	0.090	0.040	mg/L		01/11/21 16:20	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Client Sample ID: GW247-450-611

Date Collected: 01/07/21 11:30
Date Received: 01/08/21 11:11

Lab Sample ID: 410-25765-8

Matrix: Water

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 14:58	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/14/21 14:58	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 14:58	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/14/21 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*01/14/21 14:58*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*01/14/21 14:58*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 119*		*01/14/21 14:58*	*1*
Toluene-d8 (Surr)	*99*		*89 - 112*		*01/14/21 14:58*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U M	0.029	0.019	0.0096	ug/L		01/15/21 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*118*		*46 - 136*	*01/12/21 19:49*	*01/15/21 13:58*	*1*
1,1,2,2-Tetrachloroethane (2C)	*116*		*46 - 136*	*01/12/21 19:49*	*01/15/21 13:58*	*1*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	2.0	U	2.5	2.0	1.3	mg/L		01/09/21 22:58	5
Chloride	**11**	**D**	2.0	1.5	1.0	mg/L		01/09/21 22:58	5
Sulfate	**29**	**D**	5.0	4.5	1.5	mg/L		01/09/21 22:58	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**51**		0.20	0.15	0.096	mg/L		01/12/21 15:44	1
Magnesium	**7.3**		0.10	0.075	0.040	mg/L		01/12/21 15:44	1
Potassium	**2.5**		0.50	0.45	0.20	mg/L		01/12/21 15:44	1
Sodium	**27**		1.0	0.50	0.24	mg/L		01/12/21 15:44	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/12/21 09:05	1
Manganese	0.0052	U Q	0.010	0.0052	0.0031	mg/L		01/12/21 09:05	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/12/21 12:50	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/12/21 12:50	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**150**		8.0	6.0	2.6	mg/L		01/13/21 00:08	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/13/21 00:08	1
Total Alkalinity as CaCO3 to pH 4.5	**150**		8.0	6.0	2.6	mg/L		01/13/21 00:08	1
Nitrate Nitrite as N	**0.59**		0.10	0.090	0.040	mg/L		01/11/21 16:22	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: TB211-16
Lab Sample ID: 410-25765-9
Date Collected: 01/07/21 11:00
Matrix: Water
Date Received: 01/08/21 11:11

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 10:11	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/14/21 10:11	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 10:11	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/14/21 10:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*81 - 118*		*01/14/21 10:11*	*1*
4-Bromofluorobenzene (Surr)	*94*		*85 - 114*		*01/14/21 10:11*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 119*		*01/14/21 10:11*	*1*
Toluene-d8 (Surr)	*98*		*89 - 112*		*01/14/21 10:11*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U	0.029	0.019	0.0097	ug/L		01/15/21 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*120*		*46 - 136*	*01/12/21 19:49*	*01/15/21 14:15*	*1*
1,1,2,2-Tetrachloroethane (2C)	*115*		*46 - 136*	*01/12/21 19:49*	*01/15/21 14:15*	*1*

Client Sample ID: GWS8-451-211
Lab Sample ID: 410-25765-10
Date Collected: 01/07/21 12:30
Matrix: Water
Date Received: 01/08/21 11:11

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylbenzene	**100**	**D**	10	8.0	4.0	ug/L		01/14/21 15:42	10
Toluene	**1100**	**D**	10	5.0	2.0	ug/L		01/14/21 15:42	10
Xylenes, Total	**1600**		60	28	14	ug/L		01/14/21 15:42	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*01/14/21 15:42*	*10*
4-Bromofluorobenzene (Surr)	*104*		*85 - 114*		*01/14/21 15:42*	*10*
Dibromofluoromethane (Surr)	*98*		*80 - 119*		*01/14/21 15:42*	*10*
Toluene-d8 (Surr)	*95*		*89 - 112*		*01/14/21 15:42*	*10*

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	**4800**	**D**	100	50	20	ug/L		01/14/21 16:04	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*		*01/14/21 16:04*	*100*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*		*01/14/21 16:04*	*100*
Dibromofluoromethane (Surr)	*101*		*80 - 119*		*01/14/21 16:04*	*100*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/14/21 16:04*	*100*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	**350**	**D**	140	96	48	ug/L		01/15/21 14:32	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*21967*	*J1 Q*	*46 - 136*	*01/12/21 19:49*	*01/15/21 14:32*	*5000*
1,1,2,2-Tetrachloroethane (2C)	*12389*	*J1 Q*	*46 - 136*	*01/12/21 19:49*	*01/15/21 14:32*	*5000*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GWS8-451-211
Lab Sample ID: 410-25765-10
Date Collected: 01/07/21 12:30
Matrix: Water
Date Received: 01/08/21 11:11

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	2.1	J D	2.5	2.0	1.3	mg/L		01/09/21 23:16	5
Chloride	9.2	D	2.0	1.5	1.0	mg/L		01/09/21 23:16	5
Sulfate	4.5	U	5.0	4.5	1.5	mg/L		01/09/21 23:16	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	180		0.20	0.15	0.096	mg/L		01/12/21 12:45	1
Magnesium	27		0.10	0.075	0.040	mg/L		01/12/21 12:45	1
Potassium	4.0		0.50	0.45	0.20	mg/L		01/12/21 17:00	1
Sodium	41		1.0	0.50	0.24	mg/L		01/12/21 12:45	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	3.2		0.21	0.10	0.041	mg/L		01/12/21 09:18	1
Manganese	6.0		0.010	0.0052	0.0031	mg/L		01/14/21 10:25	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0044		0.0020	0.0016	0.00068	mg/L		01/12/21 13:25	1
Lead	0.000072	J	0.00050	0.00025	0.000071	mg/L		01/12/21 13:25	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	440		8.0	6.0	2.6	mg/L		01/13/21 02:21	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/13/21 02:21	1
Total Alkalinity as CaCO3 to pH 4.5	440		8.0	6.0	2.6	mg/L		01/13/21 02:21	1
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/11/21 16:26	1

Client Sample ID: GWS1-447-211
Lab Sample ID: 410-25765-11
Date Collected: 01/07/21 14:25
Matrix: Water
Date Received: 01/08/21 11:11

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylbenzene	500	D	10	8.0	4.0	ug/L		01/14/21 16:26	10
Xylenes, Total	2300		60	28	14	ug/L		01/14/21 16:26	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*01/14/21 16:26*	*10*
4-Bromofluorobenzene (Surr)	*103*		*85 - 114*		*01/14/21 16:26*	*10*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*01/14/21 16:26*	*10*
Toluene-d8 (Surr)	*96*		*89 - 112*		*01/14/21 16:26*	*10*

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	5400	D	100	50	20	ug/L		01/14/21 16:48	100
Toluene	5900	D	100	50	20	ug/L		01/14/21 16:48	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*01/14/21 16:48*	*100*
4-Bromofluorobenzene (Surr)	*99*		*85 - 114*		*01/14/21 16:48*	*100*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*01/14/21 16:48*	*100*

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GWS1-447-211
Lab Sample ID: 410-25765-11
Date Collected: 01/07/21 14:25
Matrix: Water
Date Received: 01/08/21 11:11

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) - DL (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/14/21 16:48*	*100*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	**120**	**D**	29	19	9.7	ug/L		01/15/21 14:49	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*5386*	*J1 Q*	*46 - 136*	*01/12/21 19:49*	*01/15/21 14:49*	*1000*
1,1,2,2-Tetrachloroethane (2C)	*1655*	*J1 Q*	*46 - 136*	*01/12/21 19:49*	*01/15/21 14:49*	*1000*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	**2.1**	**J D**	2.5	2.0	1.3	mg/L		01/09/21 23:34	5
Chloride	**19**	**D**	2.0	1.5	1.0	mg/L		01/09/21 23:34	5
Sulfate	**6.2**	**D**	5.0	4.5	1.5	mg/L		01/09/21 23:34	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**90**		0.20	0.15	0.096	mg/L		01/12/21 15:47	1
Magnesium	**15**		0.10	0.075	0.040	mg/L		01/12/21 15:47	1
Potassium	**3.0**		0.50	0.45	0.20	mg/L		01/12/21 15:47	1
Sodium	**32**		1.0	0.50	0.24	mg/L		01/12/21 15:47	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	**0.33**		0.21	0.10	0.041	mg/L		01/12/21 09:15	1
Manganese	**2.9**		0.010	0.0052	0.0031	mg/L		01/14/21 10:28	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	**0.0030**		0.0020	0.0016	0.00068	mg/L		01/12/21 12:20	1
Lead	**0.00032**	**J**	0.00050	0.00025	0.000071	mg/L		01/12/21 12:20	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**280**		8.0	6.0	2.6	mg/L		01/13/21 02:13	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/13/21 02:13	1
Total Alkalinity as CaCO3 to pH 4.5	**280**		8.0	6.0	2.6	mg/L		01/13/21 02:13	1
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/12/21 12:24	1

Client Sample ID: TB211-17
Lab Sample ID: 410-25765-12
Date Collected: 01/07/21 11:00
Matrix: Water
Date Received: 01/08/21 11:11

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U	0.029	0.019	0.0097	ug/L		01/15/21 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*125*		*46 - 136*	*01/12/21 19:49*	*01/15/21 15:06*	*1*
1,1,2,2-Tetrachloroethane (2C)	*119*		*46 - 136*	*01/12/21 19:49*	*01/15/21 15:06*	*1*

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Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW153-484-211
Lab Sample ID: 410-25765-13
Date Collected: 01/07/21 13:00
Matrix: Water
Date Received: 01/08/21 11:11

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	27	D	5.8	3.8	1.9	ug/L		01/15/21 15:23	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*2370*	*J1 Q*	*46 - 136*	*01/12/21 19:49*	*01/15/21 15:23*	*200*
1,1,2,2-Tetrachloroethane (2C)	*4225*	*J1 Q*	*46 - 136*	*01/12/21 19:49*	*01/15/21 15:23*	*200*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	1.5	J D	2.5	2.0	1.3	mg/L		01/09/21 23:53	5
Chloride	16	D	2.0	1.5	1.0	mg/L		01/09/21 23:53	5
Sulfate	4.5	U	5.0	4.5	1.5	mg/L		01/09/21 23:53	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	120	J1	0.20	0.15	0.096	mg/L		01/12/21 12:04	1
Magnesium	18	J1	0.10	0.075	0.040	mg/L		01/12/21 12:04	1
Potassium	3.5		0.50	0.45	0.20	mg/L		01/12/21 16:19	1
Sodium	34	J1	1.0	0.50	0.24	mg/L		01/12/21 12:04	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	1.5		0.21	0.10	0.041	mg/L		01/12/21 20:30	1
Manganese	2.7		0.010	0.0052	0.0031	mg/L		01/18/21 10:37	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	J	0.0020	0.0016	0.00068	mg/L		01/12/21 13:21	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/12/21 13:21	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	350		8.0	6.0	2.6	mg/L		01/13/21 22:55	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/13/21 22:55	1
Total Alkalinity as CaCO3 to pH 4.5	350		8.0	6.0	2.6	mg/L		01/13/21 22:55	1
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/12/21 12:29	1

Client Sample ID: GW149-484-211
Lab Sample ID: 410-25765-14
Date Collected: 01/07/21 13:40
Matrix: Water
Date Received: 01/08/21 11:11

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	120	D	29	19	9.6	ug/L		01/15/21 15:40	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*4297*	*J1 Q*	*46 - 136*	*01/12/21 19:49*	*01/15/21 15:40*	*1000*
1,1,2,2-Tetrachloroethane (2C)	*2746*	*J1 Q*	*46 - 136*	*01/12/21 19:49*	*01/15/21 15:40*	*1000*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	2.0	U	2.5	2.0	1.3	mg/L		01/10/21 00:47	5
Chloride	12	D	2.0	1.5	1.0	mg/L		01/10/21 00:47	5

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW149-484-211
Lab Sample ID: 410-25765-14
Date Collected: 01/07/21 13:40
Matrix: Water
Date Received: 01/08/21 11:11

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Sulfate	4.5	U	5.0	4.5	1.5	mg/L		01/10/21 00:47	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**81**		0.20	0.15	0.096	mg/L		01/12/21 12:42	1
Magnesium	**13**		0.10	0.075	0.040	mg/L		01/12/21 12:42	1
Potassium	**3.5**		0.50	0.45	0.20	mg/L		01/12/21 16:57	1
Sodium	**30**		1.0	0.50	0.24	mg/L		01/12/21 12:42	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	**0.24**		0.21	0.10	0.041	mg/L		01/12/21 20:14	1
Manganese	**2.5**		0.010	0.0052	0.0031	mg/L		01/18/21 10:41	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	**0.0038**		0.0020	0.0016	0.00068	mg/L		01/12/21 13:19	1
Lead	**0.00095**		0.00050	0.00025	0.000071	mg/L		01/12/21 13:19	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**270**		8.0	6.0	2.6	mg/L		01/13/21 02:34	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/13/21 02:34	1
Total Alkalinity as CaCO3 to pH 4.5	**270**		8.0	6.0	2.6	mg/L		01/13/21 02:34	1
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/12/21 12:31	1

Client Sample ID: TB211-18
Lab Sample ID: 410-25765-15
Date Collected: 01/07/21 11:00
Matrix: Water
Date Received: 01/08/21 11:11

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U	0.029	0.019	0.0096	ug/L		01/15/21 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*122*		*46 - 136*	*01/12/21 19:49*	*01/15/21 15:57*	*1*
1,1,2,2-Tetrachloroethane (2C)	*117*		*46 - 136*	*01/12/21 19:49*	*01/15/21 15:57*	*1*

Client Sample ID: GW243-425-211
Lab Sample ID: 410-25765-16
Date Collected: 01/07/21 09:45
Matrix: Water
Date Received: 01/08/21 11:11

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	**0.023**	**J M**	0.029	0.019	0.0097	ug/L		01/13/21 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*109*		*46 - 136*	*01/12/21 04:01*	*01/13/21 12:06*	*1*
1,1,2,2-Tetrachloroethane (2C)	*123*	*Q*	*46 - 136*	*01/12/21 04:01*	*01/13/21 12:06*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW243-425-211
Lab Sample ID: 410-25765-16
Date Collected: 01/07/21 09:45
Matrix: Water
Date Received: 01/08/21 11:11

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	2.0	U	2.5	2.0	1.3	mg/L		01/09/21 18:27	5
Chloride	**17**	**D**	2.0	1.5	1.0	mg/L		01/09/21 18:27	5
Sulfate	**38**	**D**	5.0	4.5	1.5	mg/L		01/09/21 18:27	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**51**		0.20	0.15	0.096	mg/L		01/12/21 12:39	1
Magnesium	**7.0**		0.10	0.075	0.040	mg/L		01/12/21 12:39	1
Potassium	**2.5**		0.50	0.45	0.20	mg/L		01/12/21 16:54	1
Sodium	**26**		1.0	0.50	0.24	mg/L		01/12/21 12:39	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/12/21 20:49	1
Manganese	0.0052	U Q	0.010	0.0052	0.0031	mg/L		01/12/21 20:49	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	**0.0012**	**J**	0.0020	0.0016	0.00068	mg/L		01/12/21 12:59	1
Lead	**0.000087**	**J**	0.00050	0.00025	0.000071	mg/L		01/12/21 12:59	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**150**		8.0	6.0	2.6	mg/L		01/12/21 23:33	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 23:33	1
Total Alkalinity as CaCO3 to pH 4.5	**150**		8.0	6.0	2.6	mg/L		01/12/21 23:33	1
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/12/21 12:33	1

Client Sample ID: TB211-19
Lab Sample ID: 410-25765-17
Date Collected: 01/07/21 11:00
Matrix: Water
Date Received: 01/08/21 11:11

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 10:33	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/14/21 10:33	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 10:33	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/14/21 10:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*81 - 118*		*01/14/21 10:33*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*01/14/21 10:33*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 119*		*01/14/21 10:33*	*1*
Toluene-d8 (Surr)	*98*		*89 - 112*		*01/14/21 10:33*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U	0.029	0.019	0.0096	ug/L		01/15/21 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*112*		*46 - 136*	*01/12/21 19:49*	*01/15/21 16:14*	*1*
1,1,2,2-Tetrachloroethane (2C)	*112*		*46 - 136*	*01/12/21 19:49*	*01/15/21 16:14*	*1*

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Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GWS2-451-211
Lab Sample ID: 410-25765-18
Date Collected: 01/07/21 15:00
Matrix: Water
Date Received: 01/08/21 11:11

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylbenzene	65	J1 D	2.0	1.6	0.80	ug/L		01/14/21 17:10	2
Toluene	70	J1 D	2.0	1.0	0.40	ug/L		01/14/21 17:10	2
Xylenes, Total	820	J1	12	5.6	2.8	ug/L		01/14/21 17:10	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*		*01/14/21 17:10*	*2*
4-Bromofluorobenzene (Surr)	*112*		*85 - 114*		*01/14/21 17:10*	*2*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*01/14/21 17:10*	*2*
Toluene-d8 (Surr)	*93*		*89 - 112*		*01/14/21 17:10*	*2*

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	1300	D	20	10	4.0	ug/L		01/14/21 18:16	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*01/14/21 18:16*	*20*
4-Bromofluorobenzene (Surr)	*101*		*85 - 114*		*01/14/21 18:16*	*20*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*01/14/21 18:16*	*20*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/14/21 18:16*	*20*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	24	J1 D	5.8	3.8	1.9	ug/L		01/15/21 16:31	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*1399*	*Q*	*46 - 136*	*01/12/21 19:49*	*01/15/21 16:31*	*200*
1,1,2,2-Tetrachloroethane (2C)	*1913*	*Q*	*46 - 136*	*01/12/21 19:49*	*01/15/21 16:31*	*200*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	3.5	D	2.5	2.0	1.3	mg/L		01/09/21 17:51	5
Chloride	150	D	20	15	10	mg/L		01/18/21 15:36	50
Sulfate	1.7	J D	5.0	4.5	1.5	mg/L		01/09/21 17:51	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	150		0.20	0.15	0.096	mg/L		01/12/21 12:49	1
Magnesium	25		0.10	0.075	0.040	mg/L		01/12/21 12:49	1
Potassium	3.8		0.50	0.45	0.20	mg/L		01/12/21 17:03	1
Sodium	41		1.0	0.50	0.24	mg/L		01/12/21 12:49	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	2.1	J1	0.21	0.10	0.041	mg/L		01/12/21 08:40	1
Manganese	7.0	J1	0.010	0.0052	0.0031	mg/L		01/14/21 10:05	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0020		0.0020	0.0016	0.00068	mg/L		01/12/21 13:29	1
Lead	0.0018		0.00050	0.00025	0.000071	mg/L		01/12/21 13:29	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GWS2-451-211
Lab Sample ID: 410-25765-18
Date Collected: 01/07/21 15:00
Matrix: Water
Date Received: 01/08/21 11:11

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**380**		8.0	6.0	2.6	mg/L		01/13/21 02:28	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/13/21 02:28	1
Total Alkalinity as CaCO3 to pH 4.5	**380**		8.0	6.0	2.6	mg/L		01/13/21 02:28	1
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/12/21 12:35	1

Surrogate Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (81-118)	BFB (85-114)	DBFM (80-119)	TOL (89-112)
410-25765-1	TB211-14	103	94	102	97
410-25765-2	GW240-449-211	100	95	101	98
410-25765-3	GW244-445-211	102	95	101	98
410-25765-4	GW245-460-211	104	95	102	97
410-25765-5	TB211-15	100	96	100	98
410-25765-6	GWS4-446-211	101	95	102	98
410-25765-7	GW247-450-211	103	94	102	98
410-25765-8	GW247-450-611	101	95	101	99
410-25765-9	TB211-16	105	94	102	98
410-25765-10	GWS8-451-211	103	104	98	95
410-25765-10 - DL	GWS8-451-211	100	98	101	97
410-25765-11	GWS1-447-211	101	103	100	96
410-25765-11 - DL	GWS1-447-211	102	99	100	97
410-25765-17	TB211-19	106	95	104	98
410-25765-18	GWS2-451-211	100	112	100	93
410-25765-18 - DL	GWS2-451-211	101	101	100	97
410-25765-18 MS	GWS2-451-211	102	111	99	93
410-25765-18 MSD	GWS2-451-211	105	110	103	93
LCS 410-84679/4	Lab Control Sample	103	98	102	98
MB 410-84679/6	Method Blank	100	95	100	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1122TCA1 (46-136)	1122TCA2 (46-136)
410-25765-1	TB211-14	111 Q	101 Q
410-25765-2	GW240-449-211	116 Q	97 Q
410-25765-3	GW244-445-211	123 Q	106 Q
410-25765-4	GW245-460-211	124 Q	108 Q
410-25765-5	TB211-15	113 Q	107 Q
410-25765-6	GWS4-446-211	133 Q	103 Q
410-25765-7	GW247-450-211	118 Q	108 Q
410-25765-8	GW247-450-611	118	116
410-25765-9	TB211-16	120	115
410-25765-10	GWS8-451-211	21967 J1 Q	12389 J1 Q
410-25765-11	GWS1-447-211	5386 J1 Q	1655 J1 Q
410-25765-12	TB211-17	125	119
410-25765-13	GW153-484-211	2370 J1 Q	4225 J1 Q
410-25765-14	GW149-484-211	4297 J1 Q	2746 J1 Q

Surrogate Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1122TCA1 (46-136)	1122TCA2 (46-136)
410-25765-15	TB211-18	122	117
410-25765-16	GW243-425-211	109	123 Q
410-25765-16 MS	GW243-425-211	108	119
410-25765-16 MSD	GW243-425-211	101	117
410-25765-17	TB211-19	112	112
410-25765-18	GWS2-451-211	1399 Q	1913 Q
410-25765-18 MS	GWS2-451-211	1481 J1 Q	3448 J1 Q
410-25765-18 MSD	GWS2-451-211	750 J1 Q	3070 J1 Q
LCS 410-83866/2-A	Lab Control Sample	100	114
LCS 410-84195/2-A	Lab Control Sample	117	108
LCSD 410-83866/3-A	Lab Control Sample Dup	95	113
LCSD 410-84195/3-A	Lab Control Sample Dup	112	100
MB 410-83866/1-A	Method Blank	101	112
MB 410-84195/1-A	Method Blank	122	112

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-84679/6
Matrix: Water
Analysis Batch: 84679

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 09:04	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/14/21 09:04	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/14/21 09:04	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/14/21 09:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*		*01/14/21 09:04*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*01/14/21 09:04*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*01/14/21 09:04*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/14/21 09:04*	*1*

Lab Sample ID: LCS 410-84679/4
Matrix: Water
Analysis Batch: 84679

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	21.8		ug/L		109	42 - 138
Ethylbenzene	20.0	20.6		ug/L		103	79 - 121
Toluene	20.0	20.8		ug/L		104	80 - 121
Xylenes, Total	60.0	60.5		ug/L		101	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*
Dibromofluoromethane (Surr)	*102*		*80 - 119*
Toluene-d8 (Surr)	*98*		*89 - 112*

Lab Sample ID: 410-25765-18 MS
Matrix: Water
Analysis Batch: 84679

Client Sample ID: GWS2-451-211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	1300	E J1 D	40.0	1250	E 4 D	ug/L		-30	42 - 138
Ethylbenzene	65	J1 D	40.0	106	D	ug/L		103	79 - 121
Toluene	70	J1 D	40.0	110	D	ug/L		101	80 - 121
Xylenes, Total	820	J1	120	907	4	ug/L		73	79 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*
4-Bromofluorobenzene (Surr)	*111*		*85 - 114*
Dibromofluoromethane (Surr)	*99*		*80 - 119*
Toluene-d8 (Surr)	*93*		*89 - 112*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-25765-18 MSD
Matrix: Water
Analysis Batch: 84679

Client Sample ID: GWS2-451-211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	1300	E J1 D	40.0	1450	E 4 D	ug/L		478	42 - 138	15	20
Ethylbenzene	65	J1 D	40.0	179	J1 D	ug/L		285	79 - 121	51	20
Toluene	70	J1 D	40.0	90.5	D J1	ug/L		51	80 - 121	20	20
Xylenes, Total	820	J1	120	1180	4 J1	ug/L		300	79 - 121	26	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*81 - 118*
4-Bromofluorobenzene (Surr)	*110*		*85 - 114*
Dibromofluoromethane (Surr)	*103*		*80 - 119*
Toluene-d8 (Surr)	*93*		*89 - 112*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-83866/1-A
Matrix: Water
Analysis Batch: 84285

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 83866

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/13/21 07:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*101*		*46 - 136*	*01/12/21 04:01*	*01/13/21 07:21*	*1*
1,1,2,2-Tetrachloroethane (2C)	*112*		*46 - 136*	*01/12/21 04:01*	*01/13/21 07:21*	*1*

Lab Sample ID: LCS 410-83866/2-A
Matrix: Water
Analysis Batch: 84285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 83866

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.128	0.130		ug/L		101	60 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*100*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*114*		*46 - 136*

Lab Sample ID: LCSD 410-83866/3-A
Matrix: Water
Analysis Batch: 84285

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 83866

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)	0.128	0.129		ug/L		101	60 - 140	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*95*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*113*		*46 - 136*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: 410-25765-16 MS
Matrix: Water
Analysis Batch: 84285

Client Sample ID: GW243-425-211
Prep Type: Total/NA
Prep Batch: 83866

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.023	J M	0.122	0.149		ug/L		103	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*108*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*119*		*46 - 136*

Lab Sample ID: 410-25765-16 MSD
Matrix: Water
Analysis Batch: 84285

Client Sample ID: GW243-425-211
Prep Type: Total/NA
Prep Batch: 83866

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)	0.023	J M	0.123	0.143		ug/L		97	60 - 140	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*101*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*117*		*46 - 136*

Lab Sample ID: MB 410-84195/1-A
Matrix: Water
Analysis Batch: 84416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84195

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.020	U	0.030	0.020	0.010	ug/L		01/13/21 10:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*122*		*46 - 136*	*01/12/21 19:49*	*01/13/21 10:39*	*1*
1,1,2,2-Tetrachloroethane (2C)	*112*		*46 - 136*	*01/12/21 19:49*	*01/13/21 10:39*	*1*

Lab Sample ID: LCS 410-84195/2-A
Matrix: Water
Analysis Batch: 84416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84195

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (2C)	0.128	0.147		ug/L		115	60 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*117*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*108*		*46 - 136*

Lab Sample ID: LCSD 410-84195/3-A
Matrix: Water
Analysis Batch: 84416

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 84195

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (2C)	0.128	0.145		ug/L		113	60 - 140	1	20

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCSD 410-84195/3-A
Matrix: Water
Analysis Batch: 84416

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 84195

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*112*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*

Lab Sample ID: 410-25765-18 MS
Matrix: Water
Analysis Batch: 85101

Client Sample ID: GWS2-451-211
Prep Type: Total/NA
Prep Batch: 84195

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	28	Q J1 D	0.121	26.4	4 D	ug/L		-957	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*1481*	*J1 Q*	*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*3448*	*J1 Q*	*46 - 136*

Lab Sample ID: 410-25765-18 MSD
Matrix: Water
Analysis Batch: 85101

Client Sample ID: GWS2-451-211
Prep Type: Total/NA
Prep Batch: 84195

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)	28	Q J1 D	0.123	27.0	4 D	ug/L		-414	60 - 140	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*750*	*J1 Q*	*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*3070*	*J1 Q*	*46 - 136*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 410-83479/4
Matrix: Water
Analysis Batch: 83479

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	0.40	U	0.50	0.40	0.25	mg/L		01/09/21 12:42	1
Chloride	0.30	U	0.40	0.30	0.20	mg/L		01/09/21 12:42	1
Sulfate	0.90	U	1.0	0.90	0.30	mg/L		01/09/21 12:42	1

Lab Sample ID: LCS 410-83479/3
Matrix: Water
Analysis Batch: 83479

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromide	7.50	7.37		mg/L		98	90 - 110
Chloride	3.00	2.81		mg/L		94	90 - 110
Sulfate	7.50	7.36		mg/L		98	90 - 110

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 410-25765-7 MS
Matrix: Water
Analysis Batch: 83479

Client Sample ID: GW247-450-211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromide	2.0	U	25.0	25.4	D	mg/L		102	90 - 110
Chloride	12	J1 D	10.0	20.4	J1 D	mg/L		87	90 - 110
Sulfate	33	D	25.0	56.9	D	mg/L		97	90 - 110

Lab Sample ID: 410-25765-7 DU
Matrix: Water
Analysis Batch: 83479

Client Sample ID: GW247-450-211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Bromide	2.0	U	2.0	U	mg/L		NC	15
Chloride	12	J1 D	12.3	D	mg/L		5	15
Sulfate	33	D	32.8	D	mg/L		0.2	15

Lab Sample ID: MB 410-85315/4
Matrix: Water
Analysis Batch: 85315

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Chloride	0.30	U M	0.40	0.30	0.20	mg/L		01/18/21 13:56	1

Lab Sample ID: LCS 410-85315/3
Matrix: Water
Analysis Batch: 85315

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	3.00	3.14		mg/L		105	90 - 110

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-83834/1-A
Matrix: Water
Analysis Batch: 83999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 83834

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.0416	J	0.21	0.10	0.041	mg/L		01/12/21 08:34	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		01/12/21 08:34	1

Lab Sample ID: LCS 410-83834/2-A
Matrix: Water
Analysis Batch: 83999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 83834

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.400	0.438		mg/L		109	87 - 115
Manganese	0.0200	0.0230	Q	mg/L		115	90 - 114

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 410-84140/1-A
Matrix: Water
Analysis Batch: 84279

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84140

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/12/21 19:49	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		01/12/21 19:49	1

Lab Sample ID: LCS 410-84140/2-A
Matrix: Water
Analysis Batch: 84279

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84140

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.400	0.405		mg/L		101	87 - 115
Manganese	0.0200	0.0242	Q	mg/L		121	90 - 114

Lab Sample ID: MB 410-84386/1-A
Matrix: Water
Analysis Batch: 84866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84386

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		01/14/21 09:58	1

Lab Sample ID: LCS 410-84386/2-A
Matrix: Water
Analysis Batch: 84866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84386

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	0.0200	0.0204		mg/L		102	90 - 114

Lab Sample ID: MB 410-85498/1-A
Matrix: Water
Analysis Batch: 85625

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 85498

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		01/18/21 09:58	1

Lab Sample ID: LCS 410-85498/2-A
Matrix: Water
Analysis Batch: 85625

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85498

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	0.0200	0.0215		mg/L		107	90 - 114

Lab Sample ID: MB 410-83801/1-A
Matrix: Water
Analysis Batch: 84129

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 83801

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	0.15	U	0.20	0.15	0.096	mg/L		01/12/21 14:23	1
Magnesium	0.075	U	0.10	0.075	0.040	mg/L		01/12/21 14:23	1
Potassium	0.45	U	0.50	0.45	0.20	mg/L		01/12/21 14:23	1
Sodium	0.50	U	1.0	0.50	0.24	mg/L		01/12/21 14:23	1

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-83801/2-A
Matrix: Water
Analysis Batch: 84129

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 83801

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	0.400	0.434		mg/L		108	87 - 113
Magnesium	0.200	0.212		mg/L		106	85 - 113
Potassium	6.00	5.75		mg/L		96	86 - 114
Sodium	2.00	2.00		mg/L		100	87 - 115

Lab Sample ID: LCSD 410-83801/3-A
Matrix: Water
Analysis Batch: 84129

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 83801

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Calcium	0.400	0.430		mg/L		107	87 - 113	1	20
Magnesium	0.200	0.205		mg/L		103	85 - 113	3	20
Potassium	6.00	5.64		mg/L		94	86 - 114	2	20
Sodium	2.00	1.97		mg/L		99	87 - 115	2	20

Lab Sample ID: MB 410-83884/1-A
Matrix: Water
Analysis Batch: 84091

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 83884

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	0.15	U	0.20	0.15	0.096	mg/L		01/12/21 11:58	1
Magnesium	0.075	U	0.10	0.075	0.040	mg/L		01/12/21 11:58	1
Sodium	0.50	U	1.0	0.50	0.24	mg/L		01/12/21 11:58	1

Lab Sample ID: MB 410-83884/1-A
Matrix: Water
Analysis Batch: 84161

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 83884

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Potassium	0.45	U	0.50	0.45	0.20	mg/L		01/12/21 16:13	1

Lab Sample ID: LCS 410-83884/2-A
Matrix: Water
Analysis Batch: 84091

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 83884

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	0.400	0.407		mg/L		102	87 - 113
Magnesium	0.200	0.201		mg/L		101	85 - 113
Sodium	2.00	1.97		mg/L		98	87 - 115

Lab Sample ID: LCS 410-83884/2-A
Matrix: Water
Analysis Batch: 84161

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 83884

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Potassium	6.00	5.80		mg/L		97	86 - 114

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 410-25765-13 MS
Matrix: Water
Analysis Batch: 84091

Client Sample ID: GW153-484-211
Prep Type: Total Recoverable
Prep Batch: 83884

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	120	J1	0.400	116	4	mg/L		147	87 - 113
Magnesium	18	J1	0.200	17.9	4	mg/L		94	85 - 113
Sodium	34	J1	2.00	36.2	4	mg/L		96	87 - 115

Lab Sample ID: 410-25765-13 MS
Matrix: Water
Analysis Batch: 84161

Client Sample ID: GW153-484-211
Prep Type: Total Recoverable
Prep Batch: 83884

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Potassium	3.5		6.00	9.45		mg/L		100	86 - 114

Lab Sample ID: 410-25765-13 MSD
Matrix: Water
Analysis Batch: 84091

Client Sample ID: GW153-484-211
Prep Type: Total Recoverable
Prep Batch: 83884

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Calcium	120	J1	0.400	118	4	mg/L		766	87 - 113	2	20
Magnesium	18	J1	0.200	18.6	4	mg/L		402	85 - 113	3	20
Sodium	34	J1	2.00	37.4	4	mg/L		156	87 - 115	3	20

Lab Sample ID: 410-25765-13 MSD
Matrix: Water
Analysis Batch: 84161

Client Sample ID: GW153-484-211
Prep Type: Total Recoverable
Prep Batch: 83884

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Potassium	3.5		6.00	9.51		mg/L		101	86 - 114	1	20

Lab Sample ID: 410-25765-13 DU
Matrix: Water
Analysis Batch: 84091

Client Sample ID: GW153-484-211
Prep Type: Total Recoverable
Prep Batch: 83884

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Calcium	120	J1	115		mg/L		0.2	20
Magnesium	18	J1	17.7		mg/L		0.5	20
Sodium	34	J1	34.1		mg/L		0.6	20

Lab Sample ID: 410-25765-13 DU
Matrix: Water
Analysis Batch: 84161

Client Sample ID: GW153-484-211
Prep Type: Total Recoverable
Prep Batch: 83884

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Potassium	3.5		3.48		mg/L		0.2	20

Lab Sample ID: 410-25765-18 MS
Matrix: Water
Analysis Batch: 83999

Client Sample ID: GWS2-451-211
Prep Type: Dissolved
Prep Batch: 83834

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	2.1	J1	0.400	5.64	4	mg/L		879	87 - 115

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 410-25765-18 MSD
Matrix: Water
Analysis Batch: 83999

Client Sample ID: GWS2-451-211
Prep Type: Dissolved
Prep Batch: 83834

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	2.1	J1	0.400	2.55	4 J1	mg/L		108	87 - 115	75	20

Lab Sample ID: 410-25765-18 DU
Matrix: Water
Analysis Batch: 83999

Client Sample ID: GWS2-451-211
Prep Type: Dissolved
Prep Batch: 83834

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Iron	2.1	J1	2.11		mg/L		0.7	20

Lab Sample ID: 410-25765-16 MS
Matrix: Water
Analysis Batch: 84279

Client Sample ID: GW243-425-211
Prep Type: Dissolved
Prep Batch: 84140

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.10	U	0.400	0.411		mg/L		103	87 - 115
Manganese	0.0052	U Q	0.0200	0.0213		mg/L		107	90 - 114

Lab Sample ID: 410-25765-16 MSD
Matrix: Water
Analysis Batch: 84279

Client Sample ID: GW243-425-211
Prep Type: Dissolved
Prep Batch: 84140

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	0.10	U	0.400	0.426		mg/L		106	87 - 115	3	20
Manganese	0.0052	U Q	0.0200	0.0215		mg/L		108	90 - 114	1	20

Lab Sample ID: 410-25765-16 DU
Matrix: Water
Analysis Batch: 84279

Client Sample ID: GW243-425-211
Prep Type: Dissolved
Prep Batch: 84140

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Iron	0.10	U	0.10	U	mg/L		NC	20
Manganese	0.0052	U Q	0.0052	U Q	mg/L		NC	20

Lab Sample ID: 410-25765-18 MS
Matrix: Water
Analysis Batch: 84866

Client Sample ID: GWS2-451-211
Prep Type: Dissolved
Prep Batch: 84386

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	7.0	J1	0.0200	7.53	4	mg/L		2841	90 - 114

Lab Sample ID: 410-25765-18 MSD
Matrix: Water
Analysis Batch: 84866

Client Sample ID: GWS2-451-211
Prep Type: Dissolved
Prep Batch: 84386

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Manganese	7.0	J1	0.0200	7.48	4	mg/L		2585	90 - 114	1	20

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 410-25765-18 DU
Matrix: Water
Analysis Batch: 84866

Client Sample ID: GWS2-451-211
Prep Type: Dissolved
Prep Batch: 84386

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Manganese	7.0	J1	7.06		mg/L		2	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: 410-25765-11 MS
Matrix: Water
Analysis Batch: 84089

Client Sample ID: GWS1-447-211
Prep Type: Total/NA
Prep Batch: 83805

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0030		0.0600	0.0674		mg/L		107	84 - 116
Lead	0.00032	J	0.0300	0.0312		mg/L		103	88 - 115

Lab Sample ID: 410-25765-11 MSD
Matrix: Water
Analysis Batch: 84089

Client Sample ID: GWS1-447-211
Prep Type: Total/NA
Prep Batch: 83805

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0030		0.0600	0.0685		mg/L		109	84 - 116	1	20
Lead	0.00032	J	0.0300	0.0316		mg/L		104	88 - 115	1	20

Lab Sample ID: 410-25765-11 DU
Matrix: Water
Analysis Batch: 84089

Client Sample ID: GWS1-447-211
Prep Type: Total/NA
Prep Batch: 83805

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	0.0030		0.00304		mg/L		0.7	20
Lead	0.00032	J	0.000275	J	mg/L		14	20

Lab Sample ID: 410-25765-16 MS
Matrix: Water
Analysis Batch: 84090

Client Sample ID: GW243-425-211
Prep Type: Total/NA
Prep Batch: 83845

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0012	J	0.0600	0.0658		mg/L		108	84 - 116
Lead	0.000087	J	0.0300	0.0308		mg/L		102	88 - 115

Lab Sample ID: 410-25765-16 MSD
Matrix: Water
Analysis Batch: 84090

Client Sample ID: GW243-425-211
Prep Type: Total/NA
Prep Batch: 83845

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0012	J	0.0600	0.0654		mg/L		107	84 - 116	1	20
Lead	0.000087	J	0.0300	0.0303		mg/L		101	88 - 115	2	20

Lab Sample ID: 410-25765-18 MS
Matrix: Water
Analysis Batch: 84090

Client Sample ID: GWS2-451-211
Prep Type: Total/NA
Prep Batch: 83845

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0020		0.0600	0.0672		mg/L		109	84 - 116

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-25765-18 MS
Matrix: Water
Analysis Batch: 84090

Client Sample ID: GWS2-451-211
Prep Type: Total/NA
Prep Batch: 83845

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.0018		0.0300	0.0321		mg/L		101	88 - 115

Lab Sample ID: 410-25765-18 MSD
Matrix: Water
Analysis Batch: 84090

Client Sample ID: GWS2-451-211
Prep Type: Total/NA
Prep Batch: 83845

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0020		0.0600	0.0677		mg/L		110	84 - 116	1	20
Lead	0.0018		0.0300	0.0321		mg/L		101	88 - 115	0	20

Lab Sample ID: 410-25765-16 DU
Matrix: Water
Analysis Batch: 84090

Client Sample ID: GW243-425-211
Prep Type: Total/NA
Prep Batch: 83845

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	0.0012	J	0.00130	J	mg/L		4	20
Lead	0.000087	J	0.0000750	J	mg/L		15	20

Lab Sample ID: 410-25765-18 DU
Matrix: Water
Analysis Batch: 84090

Client Sample ID: GWS2-451-211
Prep Type: Total/NA
Prep Batch: 83845

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	0.0020		0.00211		mg/L		7	20
Lead	0.0018		0.00174		mg/L		0.6	20

Lab Sample ID: MB 410-83805/1-A
Matrix: Water
Analysis Batch: 84089

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 83805

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/12/21 12:15	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/12/21 12:15	1

Lab Sample ID: LCS 410-83805/2-A
Matrix: Water
Analysis Batch: 84089

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 83805

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0600	0.0649		mg/L		108	84 - 116
Lead	0.0300	0.0307		mg/L		102	88 - 115

Lab Sample ID: LCSD 410-83805/3-A
Matrix: Water
Analysis Batch: 84089

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 83805

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0600	0.0631		mg/L		105	84 - 116	3	20
Lead	0.0300	0.0308		mg/L		103	88 - 115	0	20

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 410-83845/1-A
Matrix: Water
Analysis Batch: 84090

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 83845

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/12/21 12:55	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/12/21 12:55	1

Lab Sample ID: LCS 410-83845/2-A
Matrix: Water
Analysis Batch: 84090

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 83845

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0600	0.0641		mg/L		107	84 - 116
Lead	0.0300	0.0307		mg/L		102	88 - 115

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 410-84495/19
Matrix: Water
Analysis Batch: 84495

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 21:22	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 21:22	1
Total Alkalinity as CaCO3 to pH 4.5	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 21:22	1

Lab Sample ID: MB 410-84495/49
Matrix: Water
Analysis Batch: 84495

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/13/21 00:45	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/13/21 00:45	1
Total Alkalinity as CaCO3 to pH 4.5	6.0	U	8.0	6.0	2.6	mg/L		01/13/21 00:45	1

Lab Sample ID: LCS 410-84495/21
Matrix: Water
Analysis Batch: 84495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	189	177		mg/L		93	82 - 106

Lab Sample ID: LCS 410-84495/51
Matrix: Water
Analysis Batch: 84495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	189	176		mg/L		93	82 - 106

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: MB 410-84933/30
Matrix: Water
Analysis Batch: 84933

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/13/21 21:32	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/13/21 21:32	1
Total Alkalinity as CaCO3 to pH 4.5	6.0	U	8.0	6.0	2.6	mg/L		01/13/21 21:32	1

Lab Sample ID: LCS 410-84933/31
Matrix: Water
Analysis Batch: 84933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	189	175		mg/L		93	82 - 106

Lab Sample ID: LCSD 410-84933/32
Matrix: Water
Analysis Batch: 84933

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	189	175		mg/L		93	82 - 106	0	10

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 410-83802/20
Matrix: Water
Analysis Batch: 83802

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/11/21 15:33	1

Lab Sample ID: LCS 410-83802/21
Matrix: Water
Analysis Batch: 83802

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	2.50	2.42		mg/L		97	90 - 110

Lab Sample ID: MB 410-84127/20
Matrix: Water
Analysis Batch: 84127

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/12/21 12:20	1

Lab Sample ID: LCS 410-84127/21
Matrix: Water
Analysis Batch: 84127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	2.50	2.54		mg/L		102	90 - 110

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: 410-25765-11 MS
Matrix: Water
Analysis Batch: 84127

Client Sample ID: GWS1-447-211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate Nitrite as N	0.090	U	1.00	1.03		mg/L		103	90 - 110		

Lab Sample ID: 410-25765-11 DU
Matrix: Water
Analysis Batch: 84127

Client Sample ID: GWS1-447-211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Nitrate Nitrite as N	0.090	U		0.090	U	mg/L				NC	10

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

GC/MS VOA

Analysis Batch: 84679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-1	TB211-14	Total/NA	Water	8260C DOD	
410-25765-2	GW240-449-211	Total/NA	Water	8260C DOD	
410-25765-3	GW244-445-211	Total/NA	Water	8260C DOD	
410-25765-4	GW245-460-211	Total/NA	Water	8260C DOD	
410-25765-5	TB211-15	Total/NA	Water	8260C DOD	
410-25765-6	GWS4-446-211	Total/NA	Water	8260C DOD	
410-25765-7	GW247-450-211	Total/NA	Water	8260C DOD	
410-25765-8	GW247-450-611	Total/NA	Water	8260C DOD	
410-25765-9	TB211-16	Total/NA	Water	8260C DOD	
410-25765-10	GWS8-451-211	Total/NA	Water	8260C DOD	
410-25765-10 - DL	GWS8-451-211	Total/NA	Water	8260C DOD	
410-25765-11	GWS1-447-211	Total/NA	Water	8260C DOD	
410-25765-11 - DL	GWS1-447-211	Total/NA	Water	8260C DOD	
410-25765-17	TB211-19	Total/NA	Water	8260C DOD	
410-25765-18	GWS2-451-211	Total/NA	Water	8260C DOD	
410-25765-18 - DL	GWS2-451-211	Total/NA	Water	8260C DOD	
MB 410-84679/6	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-84679/4	Lab Control Sample	Total/NA	Water	8260C DOD	
410-25765-18 MS	GWS2-451-211	Total/NA	Water	8260C DOD	
410-25765-18 MSD	GWS2-451-211	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 83866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-16	GW243-425-211	Total/NA	Water	8011	
MB 410-83866/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-83866/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-83866/3-A	Lab Control Sample Dup	Total/NA	Water	8011	
410-25765-16 MS	GW243-425-211	Total/NA	Water	8011	
410-25765-16 MSD	GW243-425-211	Total/NA	Water	8011	

Prep Batch: 84195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-1	TB211-14	Total/NA	Water	8011	
410-25765-2	GW240-449-211	Total/NA	Water	8011	
410-25765-3	GW244-445-211	Total/NA	Water	8011	
410-25765-4	GW245-460-211	Total/NA	Water	8011	
410-25765-5	TB211-15	Total/NA	Water	8011	
410-25765-6	GWS4-446-211	Total/NA	Water	8011	
410-25765-7	GW247-450-211	Total/NA	Water	8011	
410-25765-8	GW247-450-611	Total/NA	Water	8011	
410-25765-9	TB211-16	Total/NA	Water	8011	
410-25765-10	GWS8-451-211	Total/NA	Water	8011	
410-25765-11	GWS1-447-211	Total/NA	Water	8011	
410-25765-12	TB211-17	Total/NA	Water	8011	
410-25765-13	GW153-484-211	Total/NA	Water	8011	
410-25765-14	GW149-484-211	Total/NA	Water	8011	
410-25765-15	TB211-18	Total/NA	Water	8011	
410-25765-17	TB211-19	Total/NA	Water	8011	
410-25765-18	GWS2-451-211	Total/NA	Water	8011	

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

GC Semi VOA (Continued)

Prep Batch: 84195 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-84195/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-84195/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-84195/3-A	Lab Control Sample Dup	Total/NA	Water	8011	
410-25765-18 MS	GWS2-451-211	Total/NA	Water	8011	
410-25765-18 MSD	GWS2-451-211	Total/NA	Water	8011	

Analysis Batch: 84285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-16	GW243-425-211	Total/NA	Water	8011	83866
MB 410-83866/1-A	Method Blank	Total/NA	Water	8011	83866
LCS 410-83866/2-A	Lab Control Sample	Total/NA	Water	8011	83866
LCSD 410-83866/3-A	Lab Control Sample Dup	Total/NA	Water	8011	83866
410-25765-16 MS	GW243-425-211	Total/NA	Water	8011	83866
410-25765-16 MSD	GW243-425-211	Total/NA	Water	8011	83866

Analysis Batch: 84416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-1	TB211-14	Total/NA	Water	8011	84195
410-25765-2	GW240-449-211	Total/NA	Water	8011	84195
410-25765-3	GW244-445-211	Total/NA	Water	8011	84195
410-25765-4	GW245-460-211	Total/NA	Water	8011	84195
410-25765-5	TB211-15	Total/NA	Water	8011	84195
410-25765-6	GWS4-446-211	Total/NA	Water	8011	84195
410-25765-7	GW247-450-211	Total/NA	Water	8011	84195
MB 410-84195/1-A	Method Blank	Total/NA	Water	8011	84195
LCS 410-84195/2-A	Lab Control Sample	Total/NA	Water	8011	84195
LCSD 410-84195/3-A	Lab Control Sample Dup	Total/NA	Water	8011	84195

Analysis Batch: 85101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-8	GW247-450-611	Total/NA	Water	8011	84195
410-25765-9	TB211-16	Total/NA	Water	8011	84195
410-25765-10	GWS8-451-211	Total/NA	Water	8011	84195
410-25765-11	GWS1-447-211	Total/NA	Water	8011	84195
410-25765-12	TB211-17	Total/NA	Water	8011	84195
410-25765-13	GW153-484-211	Total/NA	Water	8011	84195
410-25765-14	GW149-484-211	Total/NA	Water	8011	84195
410-25765-15	TB211-18	Total/NA	Water	8011	84195
410-25765-17	TB211-19	Total/NA	Water	8011	84195
410-25765-18	GWS2-451-211	Total/NA	Water	8011	84195
410-25765-18 MS	GWS2-451-211	Total/NA	Water	8011	84195
410-25765-18 MSD	GWS2-451-211	Total/NA	Water	8011	84195

HPLC/IC

Analysis Batch: 83479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-2	GW240-449-211	Total/NA	Water	EPA 300.0 R2.1	
410-25765-2	GW240-449-211	Total/NA	Water	EPA 300.0 R2.1	
410-25765-3	GW244-445-211	Total/NA	Water	EPA 300.0 R2.1	
410-25765-3	GW244-445-211	Total/NA	Water	EPA 300.0 R2.1	

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

HPLC/IC (Continued)

Analysis Batch: 83479 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-4	GW245-460-211	Total/NA	Water	EPA 300.0 R2.1	
410-25765-4	GW245-460-211	Total/NA	Water	EPA 300.0 R2.1	
410-25765-6	GWS4-446-211	Total/NA	Water	EPA 300.0 R2.1	
410-25765-6	GWS4-446-211	Total/NA	Water	EPA 300.0 R2.1	
410-25765-7	GW247-450-211	Total/NA	Water	EPA 300.0 R2.1	
410-25765-8	GW247-450-611	Total/NA	Water	EPA 300.0 R2.1	
410-25765-10	GWS8-451-211	Total/NA	Water	EPA 300.0 R2.1	
410-25765-11	GWS1-447-211	Total/NA	Water	EPA 300.0 R2.1	
410-25765-13	GW153-484-211	Total/NA	Water	EPA 300.0 R2.1	
410-25765-14	GW149-484-211	Total/NA	Water	EPA 300.0 R2.1	
410-25765-16	GW243-425-211	Total/NA	Water	EPA 300.0 R2.1	
410-25765-18	GWS2-451-211	Total/NA	Water	EPA 300.0 R2.1	
MB 410-83479/4	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 410-83479/3	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
410-25765-7 MS	GW247-450-211	Total/NA	Water	EPA 300.0 R2.1	
410-25765-7 DU	GW247-450-211	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 85315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-18	GWS2-451-211	Total/NA	Water	EPA 300.0 R2.1	
MB 410-85315/4	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 410-85315/3	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 83801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-8	GW247-450-611	Total Recoverable	Water	3005A	
410-25765-11	GWS1-447-211	Total Recoverable	Water	3005A	
MB 410-83801/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-83801/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 410-83801/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Prep Batch: 83805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-8	GW247-450-611	Total/NA	Water	3005A	
410-25765-11	GWS1-447-211	Total/NA	Water	3005A	
MB 410-83805/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-83805/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 410-83805/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
410-25765-11 MS	GWS1-447-211	Total/NA	Water	3005A	
410-25765-11 MSD	GWS1-447-211	Total/NA	Water	3005A	
410-25765-11 DU	GWS1-447-211	Total/NA	Water	3005A	

Prep Batch: 83834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-2	GW240-449-211	Dissolved	Water	Non-Digest Prep	
410-25765-3	GW244-445-211	Dissolved	Water	Non-Digest Prep	
410-25765-4	GW245-460-211	Dissolved	Water	Non-Digest Prep	
410-25765-7	GW247-450-211	Dissolved	Water	Non-Digest Prep	
410-25765-8	GW247-450-611	Dissolved	Water	Non-Digest Prep	

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Metals (Continued)

Prep Batch: 83834 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-10	GWS8-451-211	Dissolved	Water	Non-Digest Prep	
410-25765-11	GWS1-447-211	Dissolved	Water	Non-Digest Prep	
410-25765-18	GWS2-451-211	Dissolved	Water	Non-Digest Prep	
MB 410-83834/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-83834/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	
410-25765-18 MS	GWS2-451-211	Dissolved	Water	Non-Digest Prep	
410-25765-18 MSD	GWS2-451-211	Dissolved	Water	Non-Digest Prep	
410-25765-18 DU	GWS2-451-211	Dissolved	Water	Non-Digest Prep	

Prep Batch: 83845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-2	GW240-449-211	Total/NA	Water	3005A	
410-25765-3	GW244-445-211	Total/NA	Water	3005A	
410-25765-4	GW245-460-211	Total/NA	Water	3005A	
410-25765-6	GWS4-446-211	Total/NA	Water	3005A	
410-25765-7	GW247-450-211	Total/NA	Water	3005A	
410-25765-10	GWS8-451-211	Total/NA	Water	3005A	
410-25765-13	GW153-484-211	Total/NA	Water	3005A	
410-25765-14	GW149-484-211	Total/NA	Water	3005A	
410-25765-16	GW243-425-211	Total/NA	Water	3005A	
410-25765-18	GWS2-451-211	Total/NA	Water	3005A	
MB 410-83845/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-83845/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
410-25765-16 MS	GW243-425-211	Total/NA	Water	3005A	
410-25765-16 MSD	GW243-425-211	Total/NA	Water	3005A	
410-25765-18 MS	GWS2-451-211	Total/NA	Water	3005A	
410-25765-18 MSD	GWS2-451-211	Total/NA	Water	3005A	
410-25765-16 DU	GW243-425-211	Total/NA	Water	3005A	
410-25765-18 DU	GWS2-451-211	Total/NA	Water	3005A	

Prep Batch: 83884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-2	GW240-449-211	Total Recoverable	Water	3005A	
410-25765-3	GW244-445-211	Total Recoverable	Water	3005A	
410-25765-4	GW245-460-211	Total Recoverable	Water	3005A	
410-25765-6	GWS4-446-211	Total Recoverable	Water	3005A	
410-25765-7	GW247-450-211	Total Recoverable	Water	3005A	
410-25765-10	GWS8-451-211	Total Recoverable	Water	3005A	
410-25765-13	GW153-484-211	Total Recoverable	Water	3005A	
410-25765-14	GW149-484-211	Total Recoverable	Water	3005A	
410-25765-16	GW243-425-211	Total Recoverable	Water	3005A	
410-25765-18	GWS2-451-211	Total Recoverable	Water	3005A	
MB 410-83884/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-83884/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
410-25765-13 MS	GW153-484-211	Total Recoverable	Water	3005A	
410-25765-13 MSD	GW153-484-211	Total Recoverable	Water	3005A	
410-25765-13 DU	GW153-484-211	Total Recoverable	Water	3005A	

Analysis Batch: 83999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-2	GW240-449-211	Dissolved	Water	6010C	83834

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Metals (Continued)

Analysis Batch: 83999 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-3	GW244-445-211	Dissolved	Water	6010C	83834
410-25765-4	GW245-460-211	Dissolved	Water	6010C	83834
410-25765-7	GW247-450-211	Dissolved	Water	6010C	83834
410-25765-8	GW247-450-611	Dissolved	Water	6010C	83834
410-25765-10	GWS8-451-211	Dissolved	Water	6010C	83834
410-25765-11	GWS1-447-211	Dissolved	Water	6010C	83834
410-25765-18	GWS2-451-211	Dissolved	Water	6010C	83834
MB 410-83834/1-A	Method Blank	Total/NA	Water	6010C	83834
LCS 410-83834/2-A	Lab Control Sample	Total/NA	Water	6010C	83834
410-25765-18 MS	GWS2-451-211	Dissolved	Water	6010C	83834
410-25765-18 MSD	GWS2-451-211	Dissolved	Water	6010C	83834
410-25765-18 DU	GWS2-451-211	Dissolved	Water	6010C	83834

Analysis Batch: 84049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-7	GW247-450-211	Dissolved	Water	6010C	83834

Analysis Batch: 84089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-8	GW247-450-611	Total/NA	Water	6020A	83805
410-25765-11	GWS1-447-211	Total/NA	Water	6020A	83805
MB 410-83805/1-A	Method Blank	Total Recoverable	Water	6020A	83805
LCS 410-83805/2-A	Lab Control Sample	Total Recoverable	Water	6020A	83805
LCSD 410-83805/3-A	Lab Control Sample Dup	Total Recoverable	Water	6020A	83805
410-25765-11 MS	GWS1-447-211	Total/NA	Water	6020A	83805
410-25765-11 MSD	GWS1-447-211	Total/NA	Water	6020A	83805
410-25765-11 DU	GWS1-447-211	Total/NA	Water	6020A	83805

Analysis Batch: 84090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-2	GW240-449-211	Total/NA	Water	6020A	83845
410-25765-3	GW244-445-211	Total/NA	Water	6020A	83845
410-25765-4	GW245-460-211	Total/NA	Water	6020A	83845
410-25765-6	GWS4-446-211	Total/NA	Water	6020A	83845
410-25765-7	GW247-450-211	Total/NA	Water	6020A	83845
410-25765-10	GWS8-451-211	Total/NA	Water	6020A	83845
410-25765-13	GW153-484-211	Total/NA	Water	6020A	83845
410-25765-14	GW149-484-211	Total/NA	Water	6020A	83845
410-25765-16	GW243-425-211	Total/NA	Water	6020A	83845
410-25765-18	GWS2-451-211	Total/NA	Water	6020A	83845
MB 410-83845/1-A	Method Blank	Total Recoverable	Water	6020A	83845
LCS 410-83845/2-A	Lab Control Sample	Total Recoverable	Water	6020A	83845
410-25765-16 MS	GW243-425-211	Total/NA	Water	6020A	83845
410-25765-16 MSD	GW243-425-211	Total/NA	Water	6020A	83845
410-25765-18 MS	GWS2-451-211	Total/NA	Water	6020A	83845
410-25765-18 MSD	GWS2-451-211	Total/NA	Water	6020A	83845
410-25765-16 DU	GW243-425-211	Total/NA	Water	6020A	83845
410-25765-18 DU	GWS2-451-211	Total/NA	Water	6020A	83845

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Metals

Analysis Batch: 84091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-2	GW240-449-211	Total Recoverable	Water	6010C	83884
410-25765-3	GW244-445-211	Total Recoverable	Water	6010C	83884
410-25765-4	GW245-460-211	Total Recoverable	Water	6010C	83884
410-25765-6	GWS4-446-211	Total Recoverable	Water	6010C	83884
410-25765-7	GW247-450-211	Total Recoverable	Water	6010C	83884
410-25765-10	GWS8-451-211	Total Recoverable	Water	6010C	83884
410-25765-13	GW153-484-211	Total Recoverable	Water	6010C	83884
410-25765-14	GW149-484-211	Total Recoverable	Water	6010C	83884
410-25765-16	GW243-425-211	Total Recoverable	Water	6010C	83884
410-25765-18	GWS2-451-211	Total Recoverable	Water	6010C	83884
MB 410-83884/1-A	Method Blank	Total Recoverable	Water	6010C	83884
LCS 410-83884/2-A	Lab Control Sample	Total Recoverable	Water	6010C	83884
410-25765-13 MS	GW153-484-211	Total Recoverable	Water	6010C	83884
410-25765-13 MSD	GW153-484-211	Total Recoverable	Water	6010C	83884
410-25765-13 DU	GW153-484-211	Total Recoverable	Water	6010C	83884

Analysis Batch: 84129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-8	GW247-450-611	Total Recoverable	Water	6010C	83801
410-25765-11	GWS1-447-211	Total Recoverable	Water	6010C	83801
MB 410-83801/1-A	Method Blank	Total Recoverable	Water	6010C	83801
LCS 410-83801/2-A	Lab Control Sample	Total Recoverable	Water	6010C	83801
LCSD 410-83801/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010C	83801

Prep Batch: 84140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-6	GWS4-446-211	Dissolved	Water	Non-Digest Prep	
410-25765-13	GW153-484-211	Dissolved	Water	Non-Digest Prep	
410-25765-14	GW149-484-211	Dissolved	Water	Non-Digest Prep	
410-25765-16	GW243-425-211	Dissolved	Water	Non-Digest Prep	
MB 410-84140/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-84140/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	
410-25765-16 MS	GW243-425-211	Dissolved	Water	Non-Digest Prep	
410-25765-16 MSD	GW243-425-211	Dissolved	Water	Non-Digest Prep	
410-25765-16 DU	GW243-425-211	Dissolved	Water	Non-Digest Prep	

Analysis Batch: 84161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-2	GW240-449-211	Total Recoverable	Water	6010C	83884
410-25765-3	GW244-445-211	Total Recoverable	Water	6010C	83884
410-25765-4	GW245-460-211	Total Recoverable	Water	6010C	83884
410-25765-6	GWS4-446-211	Total Recoverable	Water	6010C	83884
410-25765-7	GW247-450-211	Total Recoverable	Water	6010C	83884
410-25765-10	GWS8-451-211	Total Recoverable	Water	6010C	83884
410-25765-13	GW153-484-211	Total Recoverable	Water	6010C	83884
410-25765-14	GW149-484-211	Total Recoverable	Water	6010C	83884
410-25765-16	GW243-425-211	Total Recoverable	Water	6010C	83884
410-25765-18	GWS2-451-211	Total Recoverable	Water	6010C	83884
MB 410-83884/1-A	Method Blank	Total Recoverable	Water	6010C	83884
LCS 410-83884/2-A	Lab Control Sample	Total Recoverable	Water	6010C	83884
410-25765-13 MS	GW153-484-211	Total Recoverable	Water	6010C	83884

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Metals (Continued)

Analysis Batch: 84161 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-13 MSD	GW153-484-211	Total Recoverable	Water	6010C	83884
410-25765-13 DU	GW153-484-211	Total Recoverable	Water	6010C	83884

Analysis Batch: 84279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-6	GWS4-446-211	Dissolved	Water	6010C	84140
410-25765-13	GW153-484-211	Dissolved	Water	6010C	84140
410-25765-14	GW149-484-211	Dissolved	Water	6010C	84140
410-25765-16	GW243-425-211	Dissolved	Water	6010C	84140
MB 410-84140/1-A	Method Blank	Total/NA	Water	6010C	84140
LCS 410-84140/2-A	Lab Control Sample	Total/NA	Water	6010C	84140
410-25765-16 MS	GW243-425-211	Dissolved	Water	6010C	84140
410-25765-16 MSD	GW243-425-211	Dissolved	Water	6010C	84140
410-25765-16 DU	GW243-425-211	Dissolved	Water	6010C	84140

Prep Batch: 84386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-10	GWS8-451-211	Dissolved	Water	Non-Digest Prep	
410-25765-11	GWS1-447-211	Dissolved	Water	Non-Digest Prep	
410-25765-18	GWS2-451-211	Dissolved	Water	Non-Digest Prep	
MB 410-84386/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-84386/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	
410-25765-18 MS	GWS2-451-211	Dissolved	Water	Non-Digest Prep	
410-25765-18 MSD	GWS2-451-211	Dissolved	Water	Non-Digest Prep	
410-25765-18 DU	GWS2-451-211	Dissolved	Water	Non-Digest Prep	

Analysis Batch: 84866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-10	GWS8-451-211	Dissolved	Water	6010C	84386
410-25765-11	GWS1-447-211	Dissolved	Water	6010C	84386
410-25765-18	GWS2-451-211	Dissolved	Water	6010C	84386
MB 410-84386/1-A	Method Blank	Total/NA	Water	6010C	84386
LCS 410-84386/2-A	Lab Control Sample	Total/NA	Water	6010C	84386
410-25765-18 MS	GWS2-451-211	Dissolved	Water	6010C	84386
410-25765-18 MSD	GWS2-451-211	Dissolved	Water	6010C	84386
410-25765-18 DU	GWS2-451-211	Dissolved	Water	6010C	84386

Prep Batch: 85498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-13	GW153-484-211	Dissolved	Water	Non-Digest Prep	
410-25765-14	GW149-484-211	Dissolved	Water	Non-Digest Prep	
MB 410-85498/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-85498/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	

Analysis Batch: 85625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-13	GW153-484-211	Dissolved	Water	6010C	85498
410-25765-14	GW149-484-211	Dissolved	Water	6010C	85498
MB 410-85498/1-A	Method Blank	Total/NA	Water	6010C	85498
LCS 410-85498/2-A	Lab Control Sample	Total/NA	Water	6010C	85498

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

General Chemistry

Analysis Batch: 83802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-2	GW240-449-211	Total/NA	Water	353.2	
410-25765-3	GW244-445-211	Total/NA	Water	353.2	
410-25765-4	GW245-460-211	Total/NA	Water	353.2	
410-25765-6	GWS4-446-211	Total/NA	Water	353.2	
410-25765-7	GW247-450-211	Total/NA	Water	353.2	
410-25765-8	GW247-450-611	Total/NA	Water	353.2	
410-25765-10	GWS8-451-211	Total/NA	Water	353.2	
MB 410-83802/20	Method Blank	Total/NA	Water	353.2	
LCS 410-83802/21	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 84127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-11	GWS1-447-211	Total/NA	Water	353.2	
410-25765-13	GW153-484-211	Total/NA	Water	353.2	
410-25765-14	GW149-484-211	Total/NA	Water	353.2	
410-25765-16	GW243-425-211	Total/NA	Water	353.2	
410-25765-18	GWS2-451-211	Total/NA	Water	353.2	
MB 410-84127/20	Method Blank	Total/NA	Water	353.2	
LCS 410-84127/21	Lab Control Sample	Total/NA	Water	353.2	
410-25765-11 MS	GWS1-447-211	Total/NA	Water	353.2	
410-25765-11 DU	GWS1-447-211	Total/NA	Water	353.2	

Analysis Batch: 84495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-2	GW240-449-211	Total/NA	Water	2320B-2011	
410-25765-3	GW244-445-211	Total/NA	Water	2320B-2011	
410-25765-4	GW245-460-211	Total/NA	Water	2320B-2011	
410-25765-6	GWS4-446-211	Total/NA	Water	2320B-2011	
410-25765-7	GW247-450-211	Total/NA	Water	2320B-2011	
410-25765-8	GW247-450-611	Total/NA	Water	2320B-2011	
410-25765-10	GWS8-451-211	Total/NA	Water	2320B-2011	
410-25765-11	GWS1-447-211	Total/NA	Water	2320B-2011	
410-25765-14	GW149-484-211	Total/NA	Water	2320B-2011	
410-25765-16	GW243-425-211	Total/NA	Water	2320B-2011	
410-25765-18	GWS2-451-211	Total/NA	Water	2320B-2011	
MB 410-84495/19	Method Blank	Total/NA	Water	2320B-2011	
MB 410-84495/49	Method Blank	Total/NA	Water	2320B-2011	
LCS 410-84495/21	Lab Control Sample	Total/NA	Water	2320B-2011	
LCS 410-84495/51	Lab Control Sample	Total/NA	Water	2320B-2011	

Analysis Batch: 84933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25765-13	GW153-484-211	Total/NA	Water	2320B-2011	
MB 410-84933/30	Method Blank	Total/NA	Water	2320B-2011	
LCS 410-84933/31	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 410-84933/32	Lab Control Sample Dup	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Client Sample ID: TB211-14

Date Collected: 01/07/21 11:00
Date Received: 01/08/21 11:11

Lab Sample ID: 410-25765-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	84679	01/14/21 09:26	R64Z	ELLE
Total/NA	Prep	8011			84195	01/12/21 19:49	K2IL	ELLE
Total/NA	Analysis	8011		1	84416	01/13/21 11:29	AC3T	ELLE

Client Sample ID: GW240-449-211

Date Collected: 01/07/21 08:45
Date Received: 01/08/21 11:11

Lab Sample ID: 410-25765-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	84679	01/14/21 13:07	R64Z	ELLE
Total/NA	Prep	8011			84195	01/12/21 19:49	K2IL	ELLE
Total/NA	Analysis	8011		1	84416	01/13/21 11:46	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	83479	01/09/21 22:22	DG	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		50	83479	01/09/21 22:40	DG	ELLE
Dissolved	Prep	Non-Digest Prep			83834	01/11/21 19:14	UJLA	ELLE
Dissolved	Analysis	6010C		1	83999	01/12/21 09:25	MDP5	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84161	01/12/21 16:38	UCIG	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84091	01/12/21 12:23	MDP5	ELLE
Total/NA	Prep	3005A			83845	01/11/21 20:09	UAMX	ELLE
Total/NA	Analysis	6020A		1	84090	01/12/21 13:10	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84495	01/12/21 23:52	JB	ELLE
Total/NA	Analysis	353.2		10	83802	01/11/21 16:09	QU5I	ELLE

Client Sample ID: GW244-445-211

Date Collected: 01/07/21 09:15
Date Received: 01/08/21 11:11

Lab Sample ID: 410-25765-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	84679	01/14/21 13:29	R64Z	ELLE
Total/NA	Prep	8011			84195	01/12/21 19:49	K2IL	ELLE
Total/NA	Analysis	8011		1	84416	01/13/21 12:03	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	83479	01/09/21 19:57	DG	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		50	83479	01/09/21 20:16	DG	ELLE
Dissolved	Prep	Non-Digest Prep			83834	01/11/21 19:14	UJLA	ELLE
Dissolved	Analysis	6010C		1	83999	01/12/21 09:22	MDP5	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84161	01/12/21 17:07	UCIG	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84091	01/12/21 12:52	MDP5	ELLE
Total/NA	Prep	3005A			83845	01/11/21 20:09	UAMX	ELLE
Total/NA	Analysis	6020A		1	84090	01/12/21 13:27	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84495	01/12/21 23:20	JB	ELLE

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Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Client Sample ID: GW244-445-211

Lab Sample ID: 410-25765-3
Matrix: Water
Date Collected: 01/07/21 09:15
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	353.2		5	83802	01/11/21 16:11	QU5I	ELLE

Client Sample ID: GW245-460-211

Lab Sample ID: 410-25765-4
Matrix: Water
Date Collected: 01/07/21 10:30
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	84679	01/14/21 13:52	R64Z	ELLE
Total/NA	Prep	8011			84195	01/12/21 19:49	K2IL	ELLE
Total/NA	Analysis	8011		1	84416	01/13/21 12:20	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	83479	01/09/21 21:10	DG	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		50	83479	01/09/21 21:28	DG	ELLE
Dissolved	Prep	Non-Digest Prep			83834	01/11/21 19:14	UJLA	ELLE
Dissolved	Analysis	6010C		1	83999	01/12/21 09:29	MDP5	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84161	01/12/21 16:51	UCIG	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84091	01/12/21 12:36	MDP5	ELLE
Total/NA	Prep	3005A			83845	01/11/21 20:09	UAMX	ELLE
Total/NA	Analysis	6020A		1	84090	01/12/21 13:17	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84495	01/12/21 23:46	JB	ELLE
Total/NA	Analysis	353.2		5	83802	01/11/21 16:17	QU5I	ELLE

Client Sample ID: TB211-15

Lab Sample ID: 410-25765-5
Matrix: Water
Date Collected: 01/07/21 11:00
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	84679	01/14/21 09:48	R64Z	ELLE
Total/NA	Prep	8011			84195	01/12/21 19:49	K2IL	ELLE
Total/NA	Analysis	8011		1	84416	01/13/21 12:37	AC3T	ELLE

Client Sample ID: GWS4-446-211

Lab Sample ID: 410-25765-6
Matrix: Water
Date Collected: 01/07/21 11:00
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	84679	01/14/21 14:14	R64Z	ELLE
Total/NA	Prep	8011			84195	01/12/21 19:49	K2IL	ELLE
Total/NA	Analysis	8011		1	84416	01/13/21 12:54	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	83479	01/09/21 21:46	DG	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		50	83479	01/09/21 22:04	DG	ELLE
Dissolved	Prep	Non-Digest Prep			84140	01/12/21 16:31	UJLA	ELLE
Dissolved	Analysis	6010C		1	84279	01/12/21 20:17	UCIG	ELLE

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Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Client Sample ID: GWS4-446-211

Lab Sample ID: 410-25765-6
Matrix: Water
Date Collected: 01/07/21 11:00
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84161	01/12/21 16:41	UCIG	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84091	01/12/21 12:27	MDP5	ELLE
Total/NA	Prep	3005A			83845	01/11/21 20:09	UAMX	ELLE
Total/NA	Analysis	6020A		1	84090	01/12/21 13:12	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84495	01/12/21 23:40	JB	ELLE
Total/NA	Analysis	353.2		10	83802	01/11/21 16:19	QU5I	ELLE

Client Sample ID: GW247-450-211

Lab Sample ID: 410-25765-7
Matrix: Water
Date Collected: 01/07/21 11:30
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	84679	01/14/21 14:36	R64Z	ELLE
Total/NA	Prep	8011			84195	01/12/21 19:49	K2IL	ELLE
Total/NA	Analysis	8011		1	84416	01/13/21 13:11	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	83479	01/09/21 19:03	DG	ELLE
Dissolved	Prep	Non-Digest Prep			83834	01/11/21 19:14	UJLA	ELLE
Dissolved	Analysis	6010C		1	84049	01/12/21 11:39	MDP5	ELLE
Dissolved	Prep	Non-Digest Prep			83834	01/11/21 19:14	UJLA	ELLE
Dissolved	Analysis	6010C		1	83999	01/12/21 09:02	MDP5	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84161	01/12/21 17:10	UCIG	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84091	01/12/21 12:55	MDP5	ELLE
Total/NA	Prep	3005A			83845	01/11/21 20:09	UAMX	ELLE
Total/NA	Analysis	6020A		1	84090	01/12/21 13:23	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84495	01/12/21 23:26	JB	ELLE
Total/NA	Analysis	353.2		1	83802	01/11/21 16:20	QU5I	ELLE

Client Sample ID: GW247-450-611

Lab Sample ID: 410-25765-8
Matrix: Water
Date Collected: 01/07/21 11:30
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	84679	01/14/21 14:58	R64Z	ELLE
Total/NA	Prep	8011			84195	01/12/21 19:49	K2IL	ELLE
Total/NA	Analysis	8011		1	85101	01/15/21 13:58	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	83479	01/09/21 22:58	DG	ELLE
Dissolved	Prep	Non-Digest Prep			83834	01/11/21 19:14	UJLA	ELLE
Dissolved	Analysis	6010C		1	83999	01/12/21 09:05	MDP5	ELLE
Total Recoverable	Prep	3005A			83801	01/11/21 17:38	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84129	01/12/21 15:44	UCIG	ELLE

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Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Client Sample ID: GW247-450-611

Lab Sample ID: 410-25765-8
Matrix: Water
Date Collected: 01/07/21 11:30
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			83805	01/11/21 17:45	UAMX	ELLE
Total/NA	Analysis	6020A		1	84089	01/12/21 12:50	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84495	01/13/21 00:08	JB	ELLE
Total/NA	Analysis	353.2		1	83802	01/11/21 16:22	QU5I	ELLE

Client Sample ID: TB211-16

Lab Sample ID: 410-25765-9
Matrix: Water
Date Collected: 01/07/21 11:00
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	84679	01/14/21 10:11	R64Z	ELLE
Total/NA	Prep	8011			84195	01/12/21 19:49	K2IL	ELLE
Total/NA	Analysis	8011		1	85101	01/15/21 14:15	AC3T	ELLE

Client Sample ID: GWS8-451-211

Lab Sample ID: 410-25765-10
Matrix: Water
Date Collected: 01/07/21 12:30
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		10	84679	01/14/21 15:42	R64Z	ELLE
Total/NA	Analysis	8260C DOD	DL	100	84679	01/14/21 16:04	R64Z	ELLE
Total/NA	Prep	8011			84195	01/12/21 19:49	K2IL	ELLE
Total/NA	Analysis	8011		5000	85101	01/15/21 14:32	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	83479	01/09/21 23:16	DG	ELLE
Dissolved	Prep	Non-Digest Prep			84386	01/13/21 09:24	UJL8	ELLE
Dissolved	Analysis	6010C		1	84866	01/14/21 10:25	MDP5	ELLE
Dissolved	Prep	Non-Digest Prep			83834	01/11/21 19:14	UJLA	ELLE
Dissolved	Analysis	6010C		1	83999	01/12/21 09:18	MDP5	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84161	01/12/21 17:00	UCIG	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84091	01/12/21 12:45	MDP5	ELLE
Total/NA	Prep	3005A			83845	01/11/21 20:09	UAMX	ELLE
Total/NA	Analysis	6020A		1	84090	01/12/21 13:25	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84495	01/13/21 02:21	JB	ELLE
Total/NA	Analysis	353.2		1	83802	01/11/21 16:26	QU5I	ELLE

Client Sample ID: GWS1-447-211

Lab Sample ID: 410-25765-11
Matrix: Water
Date Collected: 01/07/21 14:25
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		10	84679	01/14/21 16:26	R64Z	ELLE
Total/NA	Analysis	8260C DOD	DL	100	84679	01/14/21 16:48	R64Z	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Client Sample ID: GWS1-447-211

Lab Sample ID: 410-25765-11
Matrix: Water
Date Collected: 01/07/21 14:25
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			84195	01/12/21 19:49	K2IL	ELLE
Total/NA	Analysis	8011		1000	85101	01/15/21 14:49	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	83479	01/09/21 23:34	DG	ELLE
Dissolved	Prep	Non-Digest Prep			84386	01/13/21 09:24	UJL8	ELLE
Dissolved	Analysis	6010C		1	84866	01/14/21 10:28	MDP5	ELLE
Dissolved	Prep	Non-Digest Prep			83834	01/11/21 19:14	UJLA	ELLE
Dissolved	Analysis	6010C		1	83999	01/12/21 09:15	MDP5	ELLE
Total Recoverable	Prep	3005A			83801	01/11/21 17:41	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84129	01/12/21 15:47	UCIG	ELLE
Total/NA	Prep	3005A			83805	01/11/21 17:45	UAMX	ELLE
Total/NA	Analysis	6020A		1	84089	01/12/21 12:20	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84495	01/13/21 02:13	JB	ELLE
Total/NA	Analysis	353.2		1	84127	01/12/21 12:24	QU5I	ELLE

Client Sample ID: TB211-17

Lab Sample ID: 410-25765-12
Matrix: Water
Date Collected: 01/07/21 11:00
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			84195	01/12/21 19:49	K2IL	ELLE
Total/NA	Analysis	8011		1	85101	01/15/21 15:06	AC3T	ELLE

Client Sample ID: GW153-484-211

Lab Sample ID: 410-25765-13
Matrix: Water
Date Collected: 01/07/21 13:00
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			84195	01/12/21 19:49	K2IL	ELLE
Total/NA	Analysis	8011		200	85101	01/15/21 15:23	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	83479	01/09/21 23:53	DG	ELLE
Dissolved	Prep	Non-Digest Prep			84140	01/12/21 16:31	UJLA	ELLE
Dissolved	Analysis	6010C		1	84279	01/12/21 20:30	UCIG	ELLE
Dissolved	Prep	Non-Digest Prep			85498	01/18/21 04:24	UJL8	ELLE
Dissolved	Analysis	6010C		1	85625	01/18/21 10:37	SB	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84161	01/12/21 16:19	UCIG	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84091	01/12/21 12:04	MDP5	ELLE
Total/NA	Prep	3005A			83845	01/11/21 20:09	UAMX	ELLE
Total/NA	Analysis	6020A		1	84090	01/12/21 13:21	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84933	01/13/21 22:55	JB	ELLE
Total/NA	Analysis	353.2		1	84127	01/12/21 12:29	QU5I	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Client Sample ID: GW149-484-211

Lab Sample ID: 410-25765-14
Matrix: Water
Date Collected: 01/07/21 13:40
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			84195	01/12/21 19:49	K2IL	ELLE
Total/NA	Analysis	8011		1000	85101	01/15/21 15:40	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	83479	01/10/21 00:47	DG	ELLE
Dissolved	Prep	Non-Digest Prep			84140	01/12/21 16:31	UJLA	ELLE
Dissolved	Analysis	6010C		1	84279	01/12/21 20:14	UCIG	ELLE
Dissolved	Prep	Non-Digest Prep			85498	01/18/21 04:24	UJL8	ELLE
Dissolved	Analysis	6010C		1	85625	01/18/21 10:41	SB	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84161	01/12/21 16:57	UCIG	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84091	01/12/21 12:42	MDP5	ELLE
Total/NA	Prep	3005A			83845	01/11/21 20:09	UAMX	ELLE
Total/NA	Analysis	6020A		1	84090	01/12/21 13:19	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84495	01/13/21 02:34	JB	ELLE
Total/NA	Analysis	353.2		1	84127	01/12/21 12:31	QU5I	ELLE

Client Sample ID: TB211-18

Lab Sample ID: 410-25765-15
Matrix: Water
Date Collected: 01/07/21 11:00
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			84195	01/12/21 19:49	K2IL	ELLE
Total/NA	Analysis	8011		1	85101	01/15/21 15:57	AC3T	ELLE

Client Sample ID: GW243-425-211

Lab Sample ID: 410-25765-16
Matrix: Water
Date Collected: 01/07/21 09:45
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			83866	01/12/21 04:01	UKQ8	ELLE
Total/NA	Analysis	8011		1	84285	01/13/21 12:06	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	83479	01/09/21 18:27	DG	ELLE
Dissolved	Prep	Non-Digest Prep			84140	01/12/21 16:31	UJLA	ELLE
Dissolved	Analysis	6010C		1	84279	01/12/21 20:49	UCIG	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84161	01/12/21 16:54	UCIG	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84091	01/12/21 12:39	MDP5	ELLE
Total/NA	Prep	3005A			83845	01/11/21 20:09	UAMX	ELLE
Total/NA	Analysis	6020A		1	84090	01/12/21 12:59	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84495	01/12/21 23:33	JB	ELLE
Total/NA	Analysis	353.2		1	84127	01/12/21 12:33	QU5I	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Client Sample ID: TB211-19

Lab Sample ID: 410-25765-17

Date Collected: 01/07/21 11:00
Matrix: Water
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	84679	01/14/21 10:33	R64Z	ELLE
Total/NA	Prep	8011			84195	01/12/21 19:49	K2IL	ELLE
Total/NA	Analysis	8011		1	85101	01/15/21 16:14	AC3T	ELLE

Client Sample ID: GWS2-451-211

Lab Sample ID: 410-25765-18

Date Collected: 01/07/21 15:00
Matrix: Water
Date Received: 01/08/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		2	84679	01/14/21 17:10	R64Z	ELLE
Total/NA	Analysis	8260C DOD	DL	20	84679	01/14/21 18:16	R64Z	ELLE
Total/NA	Prep	8011			84195	01/12/21 19:49	K2IL	ELLE
Total/NA	Analysis	8011		200	85101	01/15/21 16:31	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		50	85315	01/18/21 15:36	W5UX	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	83479	01/09/21 17:51	DG	ELLE
Dissolved	Prep	Non-Digest Prep			84386	01/13/21 09:24	UJL8	ELLE
Dissolved	Analysis	6010C		1	84866	01/14/21 10:05	MDP5	ELLE
Dissolved	Prep	Non-Digest Prep			83834	01/11/21 19:14	UJLA	ELLE
Dissolved	Analysis	6010C		1	83999	01/12/21 08:40	MDP5	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84161	01/12/21 17:03	UCIG	ELLE
Total Recoverable	Prep	3005A			83884	01/12/21 06:28	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84091	01/12/21 12:49	MDP5	ELLE
Total/NA	Prep	3005A			83845	01/11/21 20:09	UAMX	ELLE
Total/NA	Analysis	6020A		1	84090	01/12/21 13:29	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84495	01/13/21 02:28	JB	ELLE
Total/NA	Analysis	353.2		1	84127	01/12/21 12:35	QU5I	ELLE

Laboratory References:
ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-25765-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	01-31-21

Method Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	ELLE
6010C	Metals (ICP)	SW846	ELLE
6020A	Metals (ICP/MS)	SW846	ELLE
2320B-2011	Alkalinity, Total	SM	ELLE
353.2	Nitrogen, Nitrate-Nitrite	MCAWW	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency
MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25765-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-25765-1	TB211-14	Water	01/07/21 11:00	01/08/21 11:11	
410-25765-2	GW240-449-211	Water	01/07/21 08:45	01/08/21 11:11	
410-25765-3	GW244-445-211	Water	01/07/21 09:15	01/08/21 11:11	
410-25765-4	GW245-460-211	Water	01/07/21 10:30	01/08/21 11:11	
410-25765-5	TB211-15	Water	01/07/21 11:00	01/08/21 11:11	
410-25765-6	GWS4-446-211	Water	01/07/21 11:00	01/08/21 11:11	
410-25765-7	GW247-450-211	Water	01/07/21 11:30	01/08/21 11:11	
410-25765-8	GW247-450-611	Water	01/07/21 11:30	01/08/21 11:11	
410-25765-9	TB211-16	Water	01/07/21 11:00	01/08/21 11:11	
410-25765-10	GWS8-451-211	Water	01/07/21 12:30	01/08/21 11:11	
410-25765-11	GWS1-447-211	Water	01/07/21 14:25	01/08/21 11:11	
410-25765-12	TB211-17	Water	01/07/21 11:00	01/08/21 11:11	
410-25765-13	GW153-484-211	Water	01/07/21 13:00	01/08/21 11:11	
410-25765-14	GW149-484-211	Water	01/07/21 13:40	01/08/21 11:11	
410-25765-15	TB211-18	Water	01/07/21 11:00	01/08/21 11:11	
410-25765-16	GW243-425-211	Water	01/07/21 09:45	01/08/21 11:11	
410-25765-17	TB211-19	Water	01/07/21 11:00	01/08/21 11:11	
410-25765-18	GWS2-451-211	Water	01/07/21 15:00	01/08/21 11:11	

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUS

410-25765 Chain of Custody

COC NUMBER
COC-TB211-14

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-14	1/7/21	1100	4	—	2	—	2						
		JRL												

Associated with:
GW 240-449-211
GW 244-445-211
GW 245-460-211

~~TB211-14~~ AR

SAMPLER(S): J Livingston	COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7485			
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
J Livingston John Z	1/7/21	1700			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reiff	1/8/21	1101

QCM

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-240-449-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	(SM2320B) Alkalinity (Total, Carbonate and Bicarbonate)	COMMENTS
1	GW240-449-211	01/07/2021	0845	10	AA'	3	AA	2	1	1*	1	1	1	
	AA													

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 14

SAMPLER(S): A. Rosebrough, D. Schmeltz

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7485

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	1/7/21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reitt	1/8/21	1101

QCM

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-244-445-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW244-445-211	1/7/2021	0915	10	AR	3	AR	2	1	1*	1	1	1	
	AP													

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 14

SAMPLER(S): A. Rosebrough, D. Schmeiller
COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7485

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	1/7/21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reitt	1/8/21	1101

QAM

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-245-460-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021
				QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW245-460-211	1-7-2021	1030	10	AR	3	AR	2	1	1*	1	1	1	

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 14

SAMPLER(S): A. Rosebrough, D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7485

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	1/7/21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reitt	1/8/21	1101

QCM

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-15

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA	2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295		LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211- 15	1/7/21	1100	4	—	2	—	2						
			JRL											

Associated with:
GW 54-446 - 211
GW 247-450 - 211
GW 247-450 - 611

~~TB211- 15~~ AR

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7496

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
J Livingston	1/7/21	1700			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reitt NR	1/8/21	1111

QAM

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-S4-446-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GWS4-446-211	1/7/2021	1100	10	~~AR~~	3	~~AR~~	2	1	1*	1	1	1	
	AR													

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 15

SAMPLER(S): A. Rosebrough, D. Schweelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7496

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
Amy Rosebrough	1/7/21	1700			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Rutt NR	1/8/21	1111

QM

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1/21/2021 NR

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-247-450-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE:	LAB PO NUMBER:	LAB CONTACT:
ST106/SS111	21295	Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW247-450-211	1-7-2021	1130	10	AR	3	AR	2	1	1*	1	1	1	AR
2	GW247-450-611	1-7-2021	1130	10	AR	3	AR	2	1	1*	1	1	1	AR
AR														

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 15

SAMPLER(S): A. Rosebrough, P. Schneelle

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7496

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	1/7/21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reitz	1/8/21	1111

QCM

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1/21/2021 NR

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-16

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO: Amanda Smith: asmith@eaest.com EA	YEAR: 2021
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total Carbonate and Bicarbonate)	COMMENTS
1	TB211-16	1/7/21	1100	4	–	2	–	2						
			JRL											

Associated with:
GW 58-451-211
~~GW 58-451-611~~
GW 51-447-211

~~TB211-~~ 16 MR

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7897

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: J Livingston	1/7/21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reiff	1/9/21	1102

QM

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400 Hunt Valley MD
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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-S8-451-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111 | LAB PO NUMBER: 21295 | LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GWS8-451-211	1/7/2021	1230	10		3		2	1	1*	1	1	1	
~~2~~	~~GWS8-451-611~~	~~1/7/2021~~		~~10~~		~~3~~		~~2~~	~~1~~	~~1*~~	~~1~~	~~1~~	~~1~~	

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 16

SAMPLER(S): A. Rosebrough, D. Schmeltz

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7897

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	1/7/21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reiff	1/8/21	1102

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-S1-447-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA	2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295		LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GWS1-447-211	1/7/2021	1425	10	AR	3	AR	2	1	1*	1	1	1	
AR														

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 16

SAMPLER(S): A. Roseborough, A. Schamerhorn

COURIER AND SHIPPING NUMBER: FedEx 0161 4700 7897

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Roseborough	1/7/21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reitt	1/8/21	1102

QAM

1/21/2021 RR

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-17

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111 | LAB PO NUMBER: 21295 | LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate and Bicarbonate)	COMMENTS
1	TB211- 17	1/7/21	1100	~~2~~ 4	-	~~2~~ 4	-	2						
		JRL												

Associated with:
GW 149-484-211
GW 153-484-211
~~GW 53-484-211~~

~~TB211-17~~

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7831

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
J Livingston	1/7/21	1700			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reiff	1/8/21	1057

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400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-153-484-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW153-484-211	1-7-2021	1300	7			~~PK~~	2	1	1*	1	1	1	
AR														

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 17

SAMPLER(S): A. Rosebrough, O. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 9161 4700 7831

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
Amy Rosebrough	1/7/21	1700			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reitt	1/8/21	1057

RM

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400 Hunt Valley MD
Tel No: (410) 584-7000
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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-149-484-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	(SM2320B) Alkalinity (Total Carbonate and Bicarbonate)	COMMENTS
1	GW149-484-211	1-7-2021	1340	7				2	1	1*	1	1	1	

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 17

SAMPLER(S): A. Rosebrough, D. Schmeltz

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7831

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	1/7/21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reiff	1/8/21	1057

225 Schiling Circle Suite
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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211- 18

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211- 18	1/7/21	1100	2		2 JL		2						
		JRL												

Associated with:
GW243-425-211

TB211- 18 NR

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7842

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
J Livingston	1/7/21	1700			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reitt NR	1/8/21	1105

PM

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-243-425-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	Chloride, bromide, sulfate (300.0)	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW243-425-211	1/7/2021	0945	15			AL	6	3	3*	1	1	1	Please see Comments for requested MS/MSD analyses

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

Please run MS/MSD on the following analytes only:
VOCs/BTEX/BTEXN, EDB, Total As and Pb, and dissolved Mn and Fe

TB211- 19

SAMPLER(S): A. Rosebrough, N. Schmaltz

COURIER AND SHIPPING NUMBER: FedEx 9161 4700 7942

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	1/7/21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Rutt NR	1/8/21	1105

QAM

225 Schiling Circle Suite
400 Hunt Valley MD
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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211- 19

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111 | LAB PO NUMBER: 21295 | LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(9011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211- 19	1/7/21	1100	4	—	2	—	2						
		JRL												

Associated with:
GWS2-451-211

~~TB211-~~ 19 AR

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7853

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: J Livingston	1/7/21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Leith	1/8/21	1106

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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-S2-451-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA	2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GWS2-451-211	1-7-2021	1500	24	AK	9	AK	6	3	3*	1	1	1	Please see Comments for requested MS/MSD analyses

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

Please run MS/MSD on the following analytes only:
VOCs/BTEX/BTEXN, EDB, Total As and Pb, and dissolved Mn and Fe

TB211- 19

SAMPLER(S): A. Rosebrough, O. Schneelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7953

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough AR	1/7/21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reitz NR	1/8/21	1106

JCM

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-25765-1

Login Number: 25765
List Number: 1
Creator: Reiff, Nicole L

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-25906-1
Client Project/Site: Kirtland AFB - GWM & IRM Op Mod

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
1/22/2021 2:40:01 PM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS
Review your project results through TotalAccess
Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy

Darlene Bandy
Project Manager I
1/22/2021 2:40:01 PM

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-25906-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
D	The reported value is from a dilution.
U	Undetected at the Limit of Detection.

GC Semi VOA

Qualifier	Qualifier Description
D	The reported value is from a dilution.
J1	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
M	Manual integrated compound.
Q	One or more quality control criteria failed.
U	Undetected at the Limit of Detection.

HPLC/IC

Qualifier	Qualifier Description
B	Blank contamination: The analyte was detected above one-half the reporting limit in an associated blank.
D	The reported value is from a dilution.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
U	Undetected at the Limit of Detection.

Metals

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
U	Undetected at the Limit of Detection.

General Chemistry

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present

Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-25906-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

Job ID: 410-25906-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-25906-1

Receipt
The samples were received on 1/9/2021 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.2°C and 0.6°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_ORGFM_28D: The method blank for analytical batch 410-84268 contained Chloride above the method detection limit (MDL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

Client Sample ID: TB211-20 — Lab Sample ID: 410-25906-1

No Detections.

Client Sample ID: GWS7-451-211 — Lab Sample ID: 410-25906-2

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Benzene	190		1.0	0.50	0.20	ug/L	1		8260C DOD	Total/NA
Ethylbenzene - DL	450	D	10	8.0	4.0	ug/L	10		8260C DOD	Total/NA
Toluene - DL	350	D	10	5.0	2.0	ug/L	10		8260C DOD	Total/NA
Xylenes, Total - DL	1500		60	28	14	ug/L	10		8260C DOD	Total/NA
Ethylene Dibromide (1C)	10	D	1.4	0.96	0.48	ug/L	50		8011	Total/NA
Bromide	1.8	J D	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	47	D	20	15	10	mg/L	50		EPA 300.0 R2.1	Total/NA
Sulfate	2.6	J D	5.0	4.5	1.5	mg/L	5		EPA 300.0 R2.1	Total/NA
Calcium	110		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	17		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	3.5		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	38		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Manganese	2.4		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved
Arsenic	0.0064		0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Lead	0.00016	J	0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	320		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	320		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA

Client Sample ID: GW151-484-211 — Lab Sample ID: 410-25906-3

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (1C)	0.039	M	0.029	0.019	0.0095	ug/L	1		8011	Total/NA
Bromide	1.5	J D	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	64	D	20	15	10	mg/L	50		EPA 300.0 R2.1	Total/NA
Sulfate	250	D	50	45	15	mg/L	50		EPA 300.0 R2.1	Total/NA
Calcium	180		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	26		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	4.6		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	41		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Iron	0.077	J	0.21	0.10	0.041	mg/L	1		6010C	Dissolved
Manganese	0.55		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved
Arsenic	0.00079	J	0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Lead	0.000075	J	0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	250		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	250		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Nitrate Nitrite as N	0.29		0.10	0.090	0.040	mg/L	1		353.2	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-25906-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GWS5-446-211 — Lab Sample ID: 410-25906-4

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2100	D	50	25	10	ug/L	50		8260C DOD	Total/NA
Ethylbenzene	1700	D	50	40	20	ug/L	50		8260C DOD	Total/NA
Toluene	10000	D	50	25	10	ug/L	50		8260C DOD	Total/NA
Xylenes, Total	4000		300	140	70	ug/L	50		8260C DOD	Total/NA
Ethylene Dibromide (1C)	11	D M	1.4	0.95	0.48	ug/L	50		8011	Total/NA
Bromide	1.5	J D B	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	22	D B	2.0	1.5	1.0	mg/L	5		EPA 300.0 R2.1	Total/NA
Sulfate	1.5	J D	5.0	4.5	1.5	mg/L	5		EPA 300.0 R2.1	Total/NA
Calcium	65		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	10		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	2.8		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	27		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Iron	1.1		0.21	0.10	0.041	mg/L	1		6010C	Dissolved
Manganese	1.8		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved
Arsenic	0.0026		0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Lead	0.00037	J	0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	220		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	220		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA

Client Sample ID: TB211-21 — Lab Sample ID: 410-25906-5

No Detections.

Client Sample ID: GW152-484-211 — Lab Sample ID: 410-25906-6

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (1C)	0.12	J1	0.029	0.019	0.0096	ug/L	1		8011	Total/NA
Bromide	2.3	J D B	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	43	D B	20	15	10	mg/L	50		EPA 300.0 R2.1	Total/NA
Sulfate	2.2	J D	5.0	4.5	1.5	mg/L	5		EPA 300.0 R2.1	Total/NA
Calcium	180		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	28		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	4.3		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	42		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Iron	3.9		0.21	0.10	0.041	mg/L	1		6010C	Dissolved
Manganese	5.8		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved
Arsenic	0.0024		0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Lead	0.0011		0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	520		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	520		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

Client Sample ID: GWS9-447-211 — Lab Sample ID: 410-25906-7

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	500	D	5.0	4.0	2.0	ug/L	5		8260C DOD	Total/NA
Toluene	350	D	5.0	2.5	1.0	ug/L	5		8260C DOD	Total/NA
Xylenes, Total	920		30	14	7.0	ug/L	5		8260C DOD	Total/NA
Benzene - DL	3600	D	50	25	10	ug/L	50		8260C DOD	Total/NA
Ethylene Dibromide (1C)	3.1	D	0.58	0.39	0.19	ug/L	20		8011	Total/NA
Bromide	2.0	J D B	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	63	D B	20	15	10	mg/L	50		EPA 300.0 R2.1	Total/NA
Sulfate	120	D	50	45	15	mg/L	50		EPA 300.0 R2.1	Total/NA
Calcium	180		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	30		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	5.0		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	43		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Iron	0.19	J	0.21	0.10	0.041	mg/L	1		6010C	Dissolved
Manganese	2.8		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved
Arsenic	0.0023		0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Lead	0.00097		0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	450		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	450		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Nitrate Nitrite as N	0.17		0.10	0.090	0.040	mg/L	1		353.2	Total/NA

Client Sample ID: GWS3-449-211 — Lab Sample ID: 410-25906-8

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	240		1.0	0.80	0.40	ug/L	1		8260C DOD	Total/NA
Toluene	38		1.0	0.50	0.20	ug/L	1		8260C DOD	Total/NA
Benzene - DL	1800	D	10	5.0	2.0	ug/L	10		8260C DOD	Total/NA
Xylenes, Total - DL	1100		60	28	14	ug/L	10		8260C DOD	Total/NA
Ethylene Dibromide (1C)	1.7	D	0.29	0.19	0.096	ug/L	10		8011	Total/NA
Bromide	2.7	D B	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	140	D B	20	15	10	mg/L	50		EPA 300.0 R2.1	Total/NA
Sulfate	2.2	J D	5.0	4.5	1.5	mg/L	5		EPA 300.0 R2.1	Total/NA
Calcium	160		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	27		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	4.0		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	43		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Iron	4.8		0.21	0.10	0.041	mg/L	1		6010C	Dissolved
Manganese	3.9		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved
Arsenic	0.0061		0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Lead	0.00081		0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	420		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	420		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25906-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: TB211-20
Lab Sample ID: 410-25906-1
Date Collected: 01/08/21 12:45
Matrix: Water
Date Received: 01/09/21 10:10

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/19/21 13:44	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/19/21 13:44	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/19/21 13:44	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/19/21 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*81 - 118*		*01/19/21 13:44*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*01/19/21 13:44*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/19/21 13:44*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*01/19/21 13:44*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.028	0.019	0.0095	ug/L		01/14/21 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*99*		*46 - 136*	*01/12/21 20:25*	*01/14/21 22:35*	*1*
1,1,2,2-Tetrachloroethane (2C)	*102*		*46 - 136*	*01/12/21 20:25*	*01/14/21 22:35*	*1*

Client Sample ID: GWS7-451-211
Lab Sample ID: 410-25906-2
Date Collected: 01/08/21 09:20
Matrix: Water
Date Received: 01/09/21 10:10

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	**190**		1.0	0.50	0.20	ug/L		01/19/21 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*01/19/21 17:24*	*1*
4-Bromofluorobenzene (Surr)	*109*		*85 - 114*		*01/19/21 17:24*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 119*		*01/19/21 17:24*	*1*
Toluene-d8 (Surr)	*95*		*89 - 112*		*01/19/21 17:24*	*1*

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylbenzene	**450**	**D**	10	8.0	4.0	ug/L		01/19/21 17:46	10
Toluene	**350**	**D**	10	5.0	2.0	ug/L		01/19/21 17:46	10
Xylenes, Total	**1500**		60	28	14	ug/L		01/19/21 17:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*01/19/21 17:46*	*10*
4-Bromofluorobenzene (Surr)	*99*		*85 - 114*		*01/19/21 17:46*	*10*
Dibromofluoromethane (Surr)	*101*		*80 - 119*		*01/19/21 17:46*	*10*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/19/21 17:46*	*10*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	**10**	**D**	1.4	0.96	0.48	ug/L		01/14/21 22:52	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*0*	*Q*	*46 - 136*	*01/12/21 20:25*	*01/14/21 22:52*	*50*
1,1,2,2-Tetrachloroethane (2C)	*0*	*Q*	*46 - 136*	*01/12/21 20:25*	*01/14/21 22:52*	*50*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25906-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GWS7-451-211
Lab Sample ID: 410-25906-2
Date Collected: 01/08/21 09:20
Matrix: Water
Date Received: 01/09/21 10:10

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	**1.8**	**J D**	2.5	2.0	1.3	mg/L		01/13/21 09:24	5
Chloride	**47**	**D**	20	15	10	mg/L		01/13/21 09:41	50
Sulfate	**2.6**	**J D**	5.0	4.5	1.5	mg/L		01/13/21 09:24	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**110**		0.20	0.15	0.096	mg/L		01/12/21 15:28	1
Magnesium	**17**		0.10	0.075	0.040	mg/L		01/12/21 15:28	1
Potassium	**3.5**		0.50	0.45	0.20	mg/L		01/12/21 15:28	1
Sodium	**38**		1.0	0.50	0.24	mg/L		01/12/21 15:28	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/12/21 09:39	1
Manganese	**2.4**		0.010	0.0052	0.0031	mg/L		01/14/21 10:37	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	**0.0064**		0.0020	0.0016	0.00068	mg/L		01/12/21 12:46	1
Lead	**0.00016**	**J**	0.00050	0.00025	0.000071	mg/L		01/12/21 12:46	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**320**		8.0	6.0	2.6	mg/L		01/12/21 22:36	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 22:36	1
Total Alkalinity as CaCO3 to pH 4.5	**320**		8.0	6.0	2.6	mg/L		01/12/21 22:36	1
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/12/21 14:12	1

Client Sample ID: GW151-484-211
Lab Sample ID: 410-25906-3
Date Collected: 01/08/21 11:45
Matrix: Water
Date Received: 01/09/21 10:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	**0.039**	**M**	0.029	0.019	0.0095	ug/L		01/14/21 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*78*	*M*	*46 - 136*	*01/12/21 20:25*	*01/14/21 23:09*	*1*
1,1,2,2-Tetrachloroethane (2C)	*88*		*46 - 136*	*01/12/21 20:25*	*01/14/21 23:09*	*1*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	**1.5**	**J D**	2.5	2.0	1.3	mg/L		01/13/21 09:58	5
Chloride	**64**	**D**	20	15	10	mg/L		01/13/21 10:15	50
Sulfate	**250**	**D**	50	45	15	mg/L		01/13/21 10:15	50

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**180**		0.20	0.15	0.096	mg/L		01/12/21 15:25	1
Magnesium	**26**		0.10	0.075	0.040	mg/L		01/12/21 15:25	1
Potassium	**4.6**		0.50	0.45	0.20	mg/L		01/12/21 15:25	1
Sodium	**41**		1.0	0.50	0.24	mg/L		01/12/21 15:25	1

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Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25906-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW151-484-211
Lab Sample ID: 410-25906-3
Date Collected: 01/08/21 11:45
Matrix: Water
Date Received: 01/09/21 10:10

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.077	J	0.21	0.10	0.041	mg/L		01/12/21 09:35	1
Manganese	0.55		0.010	0.0052	0.0031	mg/L		01/14/21 10:40	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.00079	J	0.0020	0.0016	0.00068	mg/L		01/12/21 12:39	1
Lead	0.000075	J	0.00050	0.00025	0.000071	mg/L		01/12/21 12:39	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	250		8.0	6.0	2.6	mg/L		01/12/21 23:13	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 23:13	1
Total Alkalinity as CaCO3 to pH 4.5	250		8.0	6.0	2.6	mg/L		01/12/21 23:13	1
Nitrate Nitrite as N	0.29		0.10	0.090	0.040	mg/L		01/12/21 14:51	1

Client Sample ID: GWS5-446-211
Lab Sample ID: 410-25906-4
Date Collected: 01/08/21 08:45
Matrix: Water
Date Received: 01/09/21 10:10

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	2100	D	50	25	10	ug/L		01/19/21 19:14	50
Ethylbenzene	1700	D	50	40	20	ug/L		01/19/21 19:14	50
Toluene	10000	D	50	25	10	ug/L		01/19/21 19:14	50
Xylenes, Total	4000		300	140	70	ug/L		01/19/21 19:14	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*		*01/19/21 19:14*	*50*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*		*01/19/21 19:14*	*50*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*01/19/21 19:14*	*50*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/19/21 19:14*	*50*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	11	D M	1.4	0.95	0.48	ug/L		01/14/21 23:26	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*0*	*Q*	*46 - 136*	*01/12/21 20:25*	*01/14/21 23:26*	*50*
1,1,2,2-Tetrachloroethane (2C)	*0*	*Q*	*46 - 136*	*01/12/21 20:25*	*01/14/21 23:26*	*50*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	1.5	J D B	2.5	2.0	1.3	mg/L		01/13/21 08:27	5
Chloride	22	D B	2.0	1.5	1.0	mg/L		01/13/21 08:27	5
Sulfate	1.5	J D	5.0	4.5	1.5	mg/L		01/13/21 08:27	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	65		0.20	0.15	0.096	mg/L		01/12/21 15:32	1
Magnesium	10		0.10	0.075	0.040	mg/L		01/12/21 15:32	1
Potassium	2.8		0.50	0.45	0.20	mg/L		01/12/21 15:32	1
Sodium	27		1.0	0.50	0.24	mg/L		01/12/21 15:32	1

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Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25906-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GWS5-446-211
Lab Sample ID: 410-25906-4
Date Collected: 01/08/21 08:45
Matrix: Water
Date Received: 01/09/21 10:10

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	1.1		0.21	0.10	0.041	mg/L		01/12/21 09:32	1
Manganese	1.8		0.010	0.0052	0.0031	mg/L		01/14/21 10:44	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0026		0.0020	0.0016	0.00068	mg/L		01/12/21 12:48	1
Lead	0.00037	J	0.00050	0.00025	0.000071	mg/L		01/12/21 12:48	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	220		8.0	6.0	2.6	mg/L		01/12/21 23:07	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 23:07	1
Total Alkalinity as CaCO3 to pH 4.5	220		8.0	6.0	2.6	mg/L		01/12/21 23:07	1
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/12/21 14:56	1

Client Sample ID: TB211-21
Lab Sample ID: 410-25906-5
Date Collected: 01/08/21 12:45
Matrix: Water
Date Received: 01/09/21 10:10

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/19/21 14:06	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/19/21 14:06	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/19/21 14:06	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/19/21 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*01/19/21 14:06*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/19/21 14:06*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 119*		*01/19/21 14:06*	*1*
Toluene-d8 (Surr)	*98*		*89 - 112*		*01/19/21 14:06*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.028	0.019	0.0095	ug/L		01/14/21 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*80*		*46 - 136*	*01/12/21 20:25*	*01/14/21 23:42*	*1*
1,1,2,2-Tetrachloroethane (2C)	*92*		*46 - 136*	*01/12/21 20:25*	*01/14/21 23:42*	*1*

Client Sample ID: GW152-484-211
Lab Sample ID: 410-25906-6
Date Collected: 01/08/21 10:45
Matrix: Water
Date Received: 01/09/21 10:10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.12	J1	0.029	0.019	0.0096	ug/L		01/14/21 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*67*	*M J1*	*46 - 136*	*01/12/21 20:25*	*01/14/21 23:59*	*1*
1,1,2,2-Tetrachloroethane (2C)	*112*	*J1*	*46 - 136*	*01/12/21 20:25*	*01/14/21 23:59*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25906-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW152-484-211
Lab Sample ID: 410-25906-6
Date Collected: 01/08/21 10:45
Matrix: Water
Date Received: 01/09/21 10:10

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	2.3	J D B	2.5	2.0	1.3	mg/L		01/13/21 09:00	5
Chloride	43	D B	20	15	10	mg/L		01/13/21 09:17	50
Sulfate	2.2	J D	5.0	4.5	1.5	mg/L		01/13/21 09:00	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	180		0.20	0.15	0.096	mg/L		01/12/21 15:41	1
Magnesium	28		0.10	0.075	0.040	mg/L		01/12/21 15:41	1
Potassium	4.3		0.50	0.45	0.20	mg/L		01/12/21 15:41	1
Sodium	42		1.0	0.50	0.24	mg/L		01/12/21 15:41	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	3.9		0.21	0.10	0.041	mg/L		01/12/21 09:42	1
Manganese	5.8		0.010	0.0052	0.0031	mg/L		01/14/21 10:47	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0024		0.0020	0.0016	0.00068	mg/L		01/12/21 12:40	1
Lead	0.0011		0.00050	0.00025	0.000071	mg/L		01/12/21 12:40	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	520		8.0	6.0	2.6	mg/L		01/12/21 23:01	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 23:01	1
Total Alkalinity as CaCO3 to pH 4.5	520		8.0	6.0	2.6	mg/L		01/12/21 23:01	1
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/12/21 14:45	1

Client Sample ID: GWS9-447-211
Lab Sample ID: 410-25906-7
Date Collected: 01/08/21 11:15
Matrix: Water
Date Received: 01/09/21 10:10

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylbenzene	500	D	5.0	4.0	2.0	ug/L		01/19/21 19:36	5
Toluene	350	D	5.0	2.5	1.0	ug/L		01/19/21 19:36	5
Xylenes, Total	920		30	14	7.0	ug/L		01/19/21 19:36	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*01/19/21 19:36*	*5*
4-Bromofluorobenzene (Surr)	*102*		*85 - 114*		*01/19/21 19:36*	*5*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*01/19/21 19:36*	*5*
Toluene-d8 (Surr)	*96*		*89 - 112*		*01/19/21 19:36*	*5*

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	3600	D	50	25	10	ug/L		01/19/21 19:58	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*01/19/21 19:58*	*50*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*		*01/19/21 19:58*	*50*
Dibromofluoromethane (Surr)	*102*		*80 - 119*		*01/19/21 19:58*	*50*

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25906-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GWS9-447-211
Lab Sample ID: 410-25906-7
Date Collected: 01/08/21 11:15
Matrix: Water
Date Received: 01/09/21 10:10

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) - DL (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		89 - 112		01/19/21 19:58	50

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	3.1	D	0.58	0.39	0.19	ug/L		01/15/21 00:16	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	0	Q	46 - 136	01/12/21 20:25	01/15/21 00:16	20
1,1,2,2-Tetrachloroethane (2C)	0	Q	46 - 136	01/12/21 20:25	01/15/21 00:16	20

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	2.0	J D B	2.5	2.0	1.3	mg/L		01/13/21 09:34	5
Chloride	63	D B	20	15	10	mg/L		01/13/21 10:23	50
Sulfate	120	D	50	45	15	mg/L		01/13/21 10:23	50

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	180		0.20	0.15	0.096	mg/L		01/12/21 15:18	1
Magnesium	30		0.10	0.075	0.040	mg/L		01/12/21 15:18	1
Potassium	5.0		0.50	0.45	0.20	mg/L		01/12/21 15:18	1
Sodium	43		1.0	0.50	0.24	mg/L		01/12/21 15:18	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.19	J	0.21	0.10	0.041	mg/L		01/12/21 09:46	1
Manganese	2.8		0.010	0.0052	0.0031	mg/L		01/14/21 10:50	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0023		0.0020	0.0016	0.00068	mg/L		01/12/21 12:42	1
Lead	0.00097		0.00050	0.00025	0.000071	mg/L		01/12/21 12:42	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	450		8.0	6.0	2.6	mg/L		01/12/21 22:53	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 22:53	1
Total Alkalinity as CaCO3 to pH 4.5	450		8.0	6.0	2.6	mg/L		01/12/21 22:53	1
Nitrate Nitrite as N	0.17		0.10	0.090	0.040	mg/L		01/12/21 14:47	1

Client Sample ID: GWS3-449-211
Lab Sample ID: 410-25906-8
Date Collected: 01/08/21 10:10
Matrix: Water
Date Received: 01/09/21 10:10

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylbenzene	240		1.0	0.80	0.40	ug/L		01/19/21 18:08	1
Toluene	38		1.0	0.50	0.20	ug/L		01/19/21 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		81 - 118		01/19/21 18:08	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25906-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GWS3-449-211
Lab Sample ID: 410-25906-8
Date Collected: 01/08/21 10:10
Matrix: Water
Date Received: 01/09/21 10:10

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		85 - 114		01/19/21 18:08	1
Dibromofluoromethane (Surr)	100		80 - 119		01/19/21 18:08	1
Toluene-d8 (Surr)	92		89 - 112		01/19/21 18:08	1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	1800	D	10	5.0	2.0	ug/L		01/19/21 18:30	10
Xylenes, Total	1100		60	28	14	ug/L		01/19/21 18:30	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		81 - 118		01/19/21 18:30	10
4-Bromofluorobenzene (Surr)	100		85 - 114		01/19/21 18:30	10
Dibromofluoromethane (Surr)	100		80 - 119		01/19/21 18:30	10
Toluene-d8 (Surr)	97		89 - 112		01/19/21 18:30	10

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	1.7	D	0.29	0.19	0.096	ug/L		01/15/21 00:33	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	0	Q	46 - 136	01/12/21 20:25	01/15/21 00:33	10
1,1,2,2-Tetrachloroethane (2C)	0	Q	46 - 136	01/12/21 20:25	01/15/21 00:33	10

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	2.7	D B	2.5	2.0	1.3	mg/L		01/13/21 10:40	5
Chloride	140	D B	20	15	10	mg/L		01/13/21 10:56	50
Sulfate	2.2	J D	5.0	4.5	1.5	mg/L		01/13/21 10:40	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	160		0.20	0.15	0.096	mg/L		01/12/21 15:22	1
Magnesium	27		0.10	0.075	0.040	mg/L		01/12/21 15:22	1
Potassium	4.0		0.50	0.45	0.20	mg/L		01/12/21 15:22	1
Sodium	43		1.0	0.50	0.24	mg/L		01/12/21 15:22	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	4.8		0.21	0.10	0.041	mg/L		01/12/21 09:56	1
Manganese	3.9		0.010	0.0052	0.0031	mg/L		01/14/21 10:53	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0061		0.0020	0.0016	0.00068	mg/L		01/12/21 12:44	1
Lead	0.00081		0.00050	0.00025	0.000071	mg/L		01/12/21 12:44	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	420		8.0	6.0	2.6	mg/L		01/12/21 22:28	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 22:28	1
Total Alkalinity as CaCO3 to pH 4.5	420		8.0	6.0	2.6	mg/L		01/12/21 22:28	1

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Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-25906-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GWS3-449-211
Lab Sample ID: 410-25906-8
Date Collected: 01/08/21 10:10
Matrix: Water
Date Received: 01/09/21 10:10

General Chemistry (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/12/21 14:49	1

Surrogate Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (81-118)	BFB (85-114)	DBFM (80-119)	TOL (89-112)
410-25906-1	TB211-20	105	97	103	96
410-25906-2	GWS7-451-211	101	109	99	95
410-25906-2 - DL	GWS7-451-211	101	99	101	97
410-25906-4	GWS5-446-211	100	98	100	97
410-25906-5	TB211-21	103	96	101	98
410-25906-7 - DL	GWS9-447-211	102	98	102	97
410-25906-7	GWS9-447-211	102	102	100	96
410-25906-8	GWS3-449-211	104	111	100	92
410-25906-8 - DL	GWS3-449-211	101	100	100	97
LCS 410-85852/5	Lab Control Sample	102	99	102	97
MB 410-85852/7	Method Blank	105	96	103	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1122TCA1 (46-136)	1122TCA2 (46-136)
410-25906-1	TB211-20	99	102
410-25906-2	GWS7-451-211	0 Q	0 Q
410-25906-3	GW151-484-211	78 M	88
410-25906-4	GWS5-446-211	0 Q	0 Q
410-25906-5	TB211-21	80	92
410-25906-6	GW152-484-211	67 M J1	112 J1
410-25906-7	GWS9-447-211	0 Q	0 Q
410-25906-8	GWS3-449-211	0 Q	0 Q
LCS 410-84210/2-A	Lab Control Sample	105	111
LCSD 410-84210/3-A	Lab Control Sample Dup	103	111
MB 410-84210/1-A	Method Blank	108	118

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-85852/7
Matrix: Water
Analysis Batch: 85852

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/19/21 10:48	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/19/21 10:48	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/19/21 10:48	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/19/21 10:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*81 - 118*		*01/19/21 10:48*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/19/21 10:48*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/19/21 10:48*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*01/19/21 10:48*	*1*

Lab Sample ID: LCS 410-85852/5
Matrix: Water
Analysis Batch: 85852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	21.0		ug/L		105	42 - 138
Ethylbenzene	20.0	20.0		ug/L		100	79 - 121
Toluene	20.0	19.9		ug/L		99	80 - 121
Xylenes, Total	60.0	58.8		ug/L		98	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*
4-Bromofluorobenzene (Surr)	*99*		*85 - 114*
Dibromofluoromethane (Surr)	*102*		*80 - 119*
Toluene-d8 (Surr)	*97*		*89 - 112*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-84210/1-A
Matrix: Water
Analysis Batch: 85017

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84210

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/14/21 21:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*108*		*46 - 136*	*01/12/21 20:25*	*01/14/21 21:28*	*1*
1,1,2,2-Tetrachloroethane (2C)	*118*		*46 - 136*	*01/12/21 20:25*	*01/14/21 21:28*	*1*

Lab Sample ID: LCS 410-84210/2-A
Matrix: Water
Analysis Batch: 85017

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84210

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.128	0.171		ug/L		134	60 - 140

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 410-84210/2-A
Matrix: Water
Analysis Batch: 85017

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84210

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*105*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*111*		*46 - 136*

Lab Sample ID: LCSD 410-84210/3-A
Matrix: Water
Analysis Batch: 85017

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 84210

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.167		ug/L		131	60 - 140	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*103*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*111*		*46 - 136*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 410-84266/4
Matrix: Water
Analysis Batch: 84266

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	0.40	U	0.50	0.40	0.25	mg/L		01/13/21 04:50	1
Chloride	0.30	U	0.40	0.30	0.20	mg/L		01/13/21 04:50	1
Sulfate	0.90	U	1.0	0.90	0.30	mg/L		01/13/21 04:50	1

Lab Sample ID: LCS 410-84266/3
Matrix: Water
Analysis Batch: 84266

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Bromide			7.50	7.14		mg/L		95	90 - 110		
Chloride			3.00	2.74		mg/L		91	90 - 110		
Sulfate			7.50	7.73		mg/L		103	90 - 110		

Lab Sample ID: MB 410-84268/4
Matrix: Water
Analysis Batch: 84268

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	0.278	J	0.50	0.40	0.25	mg/L		01/13/21 07:21	1
Chloride	0.226	J	0.40	0.30	0.20	mg/L		01/13/21 07:21	1
Sulfate	0.90	U	1.0	0.90	0.30	mg/L		01/13/21 07:21	1

Lab Sample ID: LCS 410-84268/3
Matrix: Water
Analysis Batch: 84268

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Bromide			7.50	7.89		mg/L		105	90 - 110		

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 410-84268/3
Matrix: Water
Analysis Batch: 84268

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	3.00	3.14		mg/L		105	90 - 110
Sulfate	7.50	8.05		mg/L		107	90 - 110

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-83834/1-A
Matrix: Water
Analysis Batch: 83999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 83834

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.0416	J	0.21	0.10	0.041	mg/L		01/12/21 08:34	1

Lab Sample ID: LCS 410-83834/2-A
Matrix: Water
Analysis Batch: 83999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 83834

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.400	0.438		mg/L		109	87 - 115

Lab Sample ID: MB 410-84386/1-A
Matrix: Water
Analysis Batch: 84866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84386

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		01/14/21 09:58	1

Lab Sample ID: LCS 410-84386/2-A
Matrix: Water
Analysis Batch: 84866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84386

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	0.0200	0.0204		mg/L		102	90 - 114

Lab Sample ID: MB 410-83801/1-A
Matrix: Water
Analysis Batch: 84129

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 83801

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	0.15	U	0.20	0.15	0.096	mg/L		01/12/21 14:23	1
Magnesium	0.075	U	0.10	0.075	0.040	mg/L		01/12/21 14:23	1
Potassium	0.45	U	0.50	0.45	0.20	mg/L		01/12/21 14:23	1
Sodium	0.50	U	1.0	0.50	0.24	mg/L		01/12/21 14:23	1

Lab Sample ID: LCS 410-83801/2-A
Matrix: Water
Analysis Batch: 84129

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 83801

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	0.400	0.434		mg/L		108	87 - 113
Magnesium	0.200	0.212		mg/L		106	85 - 113

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-83801/2-A
Matrix: Water
Analysis Batch: 84129

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 83801

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Potassium	6.00	5.75		mg/L		96	86 - 114
Sodium	2.00	2.00		mg/L		100	87 - 115

Lab Sample ID: LCSD 410-83801/3-A
Matrix: Water
Analysis Batch: 84129

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 83801

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Calcium	0.400	0.430		mg/L		107	87 - 113	1	20
Magnesium	0.200	0.205		mg/L		103	85 - 113	3	20
Potassium	6.00	5.64		mg/L		94	86 - 114	2	20
Sodium	2.00	1.97		mg/L		99	87 - 115	2	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 410-83805/1-A
Matrix: Water
Analysis Batch: 84089

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 83805

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/12/21 12:15	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/12/21 12:15	1

Lab Sample ID: LCS 410-83805/2-A
Matrix: Water
Analysis Batch: 84089

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 83805

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0600	0.0649		mg/L		108	84 - 116
Lead	0.0300	0.0307		mg/L		102	88 - 115

Lab Sample ID: LCSD 410-83805/3-A
Matrix: Water
Analysis Batch: 84089

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 83805

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0600	0.0631		mg/L		105	84 - 116	3	20
Lead	0.0300	0.0308		mg/L		103	88 - 115	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 410-84495/19
Matrix: Water
Analysis Batch: 84495

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 21:22	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 21:22	1
Total Alkalinity as CaCO3 to pH 4.5	6.0	U	8.0	6.0	2.6	mg/L		01/12/21 21:22	1

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: LCS 410-84495/21
Matrix: Water
Analysis Batch: 84495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	189	177		mg/L		93	82 - 106

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 410-84127/50
Matrix: Water
Analysis Batch: 84127

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/12/21 13:15	1

Lab Sample ID: MB 410-84127/93
Matrix: Water
Analysis Batch: 84127

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/12/21 14:34	1

Lab Sample ID: LCS 410-84127/51
Matrix: Water
Analysis Batch: 84127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	2.50	2.48		mg/L		99	90 - 110

Lab Sample ID: LCS 410-84127/94
Matrix: Water
Analysis Batch: 84127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	2.50	2.47		mg/L		99	90 - 110

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

GC/MS VOA

Analysis Batch: 85852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25906-1	TB211-20	Total/NA	Water	8260C DOD	
410-25906-2	GWS7-451-211	Total/NA	Water	8260C DOD	
410-25906-2 - DL	GWS7-451-211	Total/NA	Water	8260C DOD	
410-25906-4	GWS5-446-211	Total/NA	Water	8260C DOD	
410-25906-5	TB211-21	Total/NA	Water	8260C DOD	
410-25906-7	GWS9-447-211	Total/NA	Water	8260C DOD	
410-25906-7 - DL	GWS9-447-211	Total/NA	Water	8260C DOD	
410-25906-8	GWS3-449-211	Total/NA	Water	8260C DOD	
410-25906-8 - DL	GWS3-449-211	Total/NA	Water	8260C DOD	
MB 410-85852/7	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-85852/5	Lab Control Sample	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 84210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25906-1	TB211-20	Total/NA	Water	8011	
410-25906-2	GWS7-451-211	Total/NA	Water	8011	
410-25906-3	GW151-484-211	Total/NA	Water	8011	
410-25906-4	GWS5-446-211	Total/NA	Water	8011	
410-25906-5	TB211-21	Total/NA	Water	8011	
410-25906-6	GW152-484-211	Total/NA	Water	8011	
410-25906-7	GWS9-447-211	Total/NA	Water	8011	
410-25906-8	GWS3-449-211	Total/NA	Water	8011	
MB 410-84210/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-84210/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-84210/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 85017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25906-1	TB211-20	Total/NA	Water	8011	84210
410-25906-2	GWS7-451-211	Total/NA	Water	8011	84210
410-25906-3	GW151-484-211	Total/NA	Water	8011	84210
410-25906-4	GWS5-446-211	Total/NA	Water	8011	84210
410-25906-5	TB211-21	Total/NA	Water	8011	84210
410-25906-6	GW152-484-211	Total/NA	Water	8011	84210
410-25906-7	GWS9-447-211	Total/NA	Water	8011	84210
410-25906-8	GWS3-449-211	Total/NA	Water	8011	84210
MB 410-84210/1-A	Method Blank	Total/NA	Water	8011	84210
LCS 410-84210/2-A	Lab Control Sample	Total/NA	Water	8011	84210
LCSD 410-84210/3-A	Lab Control Sample Dup	Total/NA	Water	8011	84210

HPLC/IC

Analysis Batch: 84266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25906-2	GWS7-451-211	Total/NA	Water	EPA 300.0 R2.1	
410-25906-2	GWS7-451-211	Total/NA	Water	EPA 300.0 R2.1	
410-25906-3	GW151-484-211	Total/NA	Water	EPA 300.0 R2.1	
410-25906-3	GW151-484-211	Total/NA	Water	EPA 300.0 R2.1	
MB 410-84266/4	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 410-84266/3	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

HPLC/IC

Analysis Batch: 84268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25906-4	GWS5-446-211	Total/NA	Water	EPA 300.0 R2.1	
410-25906-6	GW152-484-211	Total/NA	Water	EPA 300.0 R2.1	
410-25906-6	GW152-484-211	Total/NA	Water	EPA 300.0 R2.1	
410-25906-7	GWS9-447-211	Total/NA	Water	EPA 300.0 R2.1	
410-25906-7	GWS9-447-211	Total/NA	Water	EPA 300.0 R2.1	
410-25906-8	GWS3-449-211	Total/NA	Water	EPA 300.0 R2.1	
410-25906-8	GWS3-449-211	Total/NA	Water	EPA 300.0 R2.1	
MB 410-84268/4	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 410-84268/3	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 83801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25906-2	GWS7-451-211	Total Recoverable	Water	3005A	
410-25906-3	GW151-484-211	Total Recoverable	Water	3005A	
410-25906-4	GWS5-446-211	Total Recoverable	Water	3005A	
410-25906-6	GW152-484-211	Total Recoverable	Water	3005A	
410-25906-7	GWS9-447-211	Total Recoverable	Water	3005A	
410-25906-8	GWS3-449-211	Total Recoverable	Water	3005A	
MB 410-83801/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-83801/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 410-83801/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Prep Batch: 83805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25906-2	GWS7-451-211	Total/NA	Water	3005A	
410-25906-3	GW151-484-211	Total/NA	Water	3005A	
410-25906-4	GWS5-446-211	Total/NA	Water	3005A	
410-25906-6	GW152-484-211	Total/NA	Water	3005A	
410-25906-7	GWS9-447-211	Total/NA	Water	3005A	
410-25906-8	GWS3-449-211	Total/NA	Water	3005A	
MB 410-83805/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-83805/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 410-83805/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Prep Batch: 83834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25906-2	GWS7-451-211	Dissolved	Water	Non-Digest Prep	
410-25906-3	GW151-484-211	Dissolved	Water	Non-Digest Prep	
410-25906-4	GWS5-446-211	Dissolved	Water	Non-Digest Prep	
410-25906-6	GW152-484-211	Dissolved	Water	Non-Digest Prep	
410-25906-7	GWS9-447-211	Dissolved	Water	Non-Digest Prep	
410-25906-8	GWS3-449-211	Dissolved	Water	Non-Digest Prep	
MB 410-83834/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-83834/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	

Analysis Batch: 83999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25906-2	GWS7-451-211	Dissolved	Water	6010C	83834
410-25906-3	GW151-484-211	Dissolved	Water	6010C	83834

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

Metals (Continued)

Analysis Batch: 83999 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25906-4	GWS5-446-211	Dissolved	Water	6010C	83834
410-25906-6	GW152-484-211	Dissolved	Water	6010C	83834
410-25906-7	GWS9-447-211	Dissolved	Water	6010C	83834
410-25906-8	GWS3-449-211	Dissolved	Water	6010C	83834
MB 410-83834/1-A	Method Blank	Total/NA	Water	6010C	83834
LCS 410-83834/2-A	Lab Control Sample	Total/NA	Water	6010C	83834

Analysis Batch: 84089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25906-2	GWS7-451-211	Total/NA	Water	6020A	83805
410-25906-3	GW151-484-211	Total/NA	Water	6020A	83805
410-25906-4	GWS5-446-211	Total/NA	Water	6020A	83805
410-25906-6	GW152-484-211	Total/NA	Water	6020A	83805
410-25906-7	GWS9-447-211	Total/NA	Water	6020A	83805
410-25906-8	GWS3-449-211	Total/NA	Water	6020A	83805
MB 410-83805/1-A	Method Blank	Total Recoverable	Water	6020A	83805
LCS 410-83805/2-A	Lab Control Sample	Total Recoverable	Water	6020A	83805
LCSD 410-83805/3-A	Lab Control Sample Dup	Total Recoverable	Water	6020A	83805

Analysis Batch: 84129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25906-2	GWS7-451-211	Total Recoverable	Water	6010C	83801
410-25906-3	GW151-484-211	Total Recoverable	Water	6010C	83801
410-25906-4	GWS5-446-211	Total Recoverable	Water	6010C	83801
410-25906-6	GW152-484-211	Total Recoverable	Water	6010C	83801
410-25906-7	GWS9-447-211	Total Recoverable	Water	6010C	83801
410-25906-8	GWS3-449-211	Total Recoverable	Water	6010C	83801
MB 410-83801/1-A	Method Blank	Total Recoverable	Water	6010C	83801
LCS 410-83801/2-A	Lab Control Sample	Total Recoverable	Water	6010C	83801
LCSD 410-83801/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010C	83801

Prep Batch: 84386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25906-2	GWS7-451-211	Dissolved	Water	Non-Digest Prep	
410-25906-3	GW151-484-211	Dissolved	Water	Non-Digest Prep	
410-25906-4	GWS5-446-211	Dissolved	Water	Non-Digest Prep	
410-25906-6	GW152-484-211	Dissolved	Water	Non-Digest Prep	
410-25906-7	GWS9-447-211	Dissolved	Water	Non-Digest Prep	
410-25906-8	GWS3-449-211	Dissolved	Water	Non-Digest Prep	
MB 410-84386/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-84386/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	

Analysis Batch: 84866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25906-2	GWS7-451-211	Dissolved	Water	6010C	84386
410-25906-3	GW151-484-211	Dissolved	Water	6010C	84386
410-25906-4	GWS5-446-211	Dissolved	Water	6010C	84386
410-25906-6	GW152-484-211	Dissolved	Water	6010C	84386
410-25906-7	GWS9-447-211	Dissolved	Water	6010C	84386
410-25906-8	GWS3-449-211	Dissolved	Water	6010C	84386
MB 410-84386/1-A	Method Blank	Total/NA	Water	6010C	84386

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

Metals (Continued)

Analysis Batch: 84866 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-84386/2-A	Lab Control Sample	Total/NA	Water	6010C	84386

General Chemistry

Analysis Batch: 84127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25906-2	GWS7-451-211	Total/NA	Water	353.2	
410-25906-3	GW151-484-211	Total/NA	Water	353.2	
410-25906-4	GWS5-446-211	Total/NA	Water	353.2	
410-25906-6	GW152-484-211	Total/NA	Water	353.2	
410-25906-7	GWS9-447-211	Total/NA	Water	353.2	
410-25906-8	GWS3-449-211	Total/NA	Water	353.2	
MB 410-84127/50	Method Blank	Total/NA	Water	353.2	
MB 410-84127/93	Method Blank	Total/NA	Water	353.2	
LCS 410-84127/51	Lab Control Sample	Total/NA	Water	353.2	
LCS 410-84127/94	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 84495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-25906-2	GWS7-451-211	Total/NA	Water	2320B-2011	
410-25906-3	GW151-484-211	Total/NA	Water	2320B-2011	
410-25906-4	GWS5-446-211	Total/NA	Water	2320B-2011	
410-25906-6	GW152-484-211	Total/NA	Water	2320B-2011	
410-25906-7	GWS9-447-211	Total/NA	Water	2320B-2011	
410-25906-8	GWS3-449-211	Total/NA	Water	2320B-2011	
MB 410-84495/19	Method Blank	Total/NA	Water	2320B-2011	
LCS 410-84495/21	Lab Control Sample	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

Client Sample ID: TB211-20

Date Collected: 01/08/21 12:45
Date Received: 01/09/21 10:10

Lab Sample ID: 410-25906-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	85852	01/19/21 13:44	TQ4J	ELLE
Total/NA	Prep	8011			84210	01/12/21 20:25	K2IL	ELLE
Total/NA	Analysis	8011		1	85017	01/14/21 22:35	UAMZ	ELLE

Client Sample ID: GWS7-451-211

Date Collected: 01/08/21 09:20
Date Received: 01/09/21 10:10

Lab Sample ID: 410-25906-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	85852	01/19/21 17:24	TQ4J	ELLE
Total/NA	Analysis	8260C DOD	DL	10	85852	01/19/21 17:46	TQ4J	ELLE
Total/NA	Prep	8011			84210	01/12/21 20:25	K2IL	ELLE
Total/NA	Analysis	8011		50	85017	01/14/21 22:52	UAMZ	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	84266	01/13/21 09:24	GJ35	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		50	84266	01/13/21 09:41	GJ35	ELLE
Dissolved	Prep	Non-Digest Prep			84386	01/13/21 09:24	UJL8	ELLE
Dissolved	Analysis	6010C		1	84866	01/14/21 10:37	MDP5	ELLE
Dissolved	Prep	Non-Digest Prep			83834	01/11/21 19:14	UJLA	ELLE
Dissolved	Analysis	6010C		1	83999	01/12/21 09:39	MDP5	ELLE
Total Recoverable	Prep	3005A			83801	01/11/21 17:38	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84129	01/12/21 15:28	UCIG	ELLE
Total/NA	Prep	3005A			83805	01/11/21 17:45	UAMX	ELLE
Total/NA	Analysis	6020A		1	84089	01/12/21 12:46	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84495	01/12/21 22:36	JB	ELLE
Total/NA	Analysis	353.2		1	84127	01/12/21 14:12	QU5I	ELLE

Client Sample ID: GW151-484-211

Date Collected: 01/08/21 11:45
Date Received: 01/09/21 10:10

Lab Sample ID: 410-25906-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			84210	01/12/21 20:25	K2IL	ELLE
Total/NA	Analysis	8011		1	85017	01/14/21 23:09	UAMZ	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	84266	01/13/21 09:58	GJ35	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		50	84266	01/13/21 10:15	GJ35	ELLE
Dissolved	Prep	Non-Digest Prep			84386	01/13/21 09:24	UJL8	ELLE
Dissolved	Analysis	6010C		1	84866	01/14/21 10:40	MDP5	ELLE
Dissolved	Prep	Non-Digest Prep			83834	01/11/21 19:14	UJLA	ELLE
Dissolved	Analysis	6010C		1	83999	01/12/21 09:35	MDP5	ELLE
Total Recoverable	Prep	3005A			83801	01/11/21 17:38	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84129	01/12/21 15:25	UCIG	ELLE
Total/NA	Prep	3005A			83805	01/11/21 17:45	UAMX	ELLE
Total/NA	Analysis	6020A		1	84089	01/12/21 12:39	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84495	01/12/21 23:13	JB	ELLE

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Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

Client Sample ID: GW151-484-211

Lab Sample ID: 410-25906-3
Matrix: Water
Date Collected: 01/08/21 11:45
Date Received: 01/09/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	353.2		1	84127	01/12/21 14:51	QU5I	ELLE

Client Sample ID: GWS5-446-211

Lab Sample ID: 410-25906-4
Matrix: Water
Date Collected: 01/08/21 08:45
Date Received: 01/09/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		50	85852	01/19/21 19:14	TQ4J	ELLE
Total/NA	Prep	8011			84210	01/12/21 20:25	K2IL	ELLE
Total/NA	Analysis	8011		50	85017	01/14/21 23:26	UAMZ	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	84268	01/13/21 08:27	GJ35	ELLE
Dissolved	Prep	Non-Digest Prep			84386	01/13/21 09:24	UJL8	ELLE
Dissolved	Analysis	6010C		1	84866	01/14/21 10:44	MDP5	ELLE
Dissolved	Prep	Non-Digest Prep			83834	01/11/21 19:14	UJLA	ELLE
Dissolved	Analysis	6010C		1	83999	01/12/21 09:32	MDP5	ELLE
Total Recoverable	Prep	3005A			83801	01/11/21 17:38	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84129	01/12/21 15:32	UCIG	ELLE
Total/NA	Prep	3005A			83805	01/11/21 17:45	UAMX	ELLE
Total/NA	Analysis	6020A		1	84089	01/12/21 12:48	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84495	01/12/21 23:07	JB	ELLE
Total/NA	Analysis	353.2		1	84127	01/12/21 14:56	QU5I	ELLE

Client Sample ID: TB211-21

Lab Sample ID: 410-25906-5
Matrix: Water
Date Collected: 01/08/21 12:45
Date Received: 01/09/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	85852	01/19/21 14:06	TQ4J	ELLE
Total/NA	Prep	8011			84210	01/12/21 20:25	K2IL	ELLE
Total/NA	Analysis	8011		1	85017	01/14/21 23:42	UAMZ	ELLE

Client Sample ID: GW152-484-211

Lab Sample ID: 410-25906-6
Matrix: Water
Date Collected: 01/08/21 10:45
Date Received: 01/09/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			84210	01/12/21 20:25	K2IL	ELLE
Total/NA	Analysis	8011		1	85017	01/14/21 23:59	UAMZ	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	84268	01/13/21 09:00	GJ35	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		50	84268	01/13/21 09:17	GJ35	ELLE
Dissolved	Prep	Non-Digest Prep			84386	01/13/21 09:24	UJL8	ELLE
Dissolved	Analysis	6010C		1	84866	01/14/21 10:47	MDP5	ELLE
Dissolved	Prep	Non-Digest Prep			83834	01/11/21 19:14	UJLA	ELLE
Dissolved	Analysis	6010C		1	83999	01/12/21 09:42	MDP5	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

Client Sample ID: GW152-484-211

Lab Sample ID: 410-25906-6
Matrix: Water
Date Collected: 01/08/21 10:45
Date Received: 01/09/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			83801	01/11/21 17:38	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84129	01/12/21 15:41	UCIG	ELLE
Total/NA	Prep	3005A			83805	01/11/21 17:45	UAMX	ELLE
Total/NA	Analysis	6020A		1	84089	01/12/21 12:40	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84495	01/12/21 23:01	JB	ELLE
Total/NA	Analysis	353.2		1	84127	01/12/21 14:45	QU5I	ELLE

Client Sample ID: GWS9-447-211

Lab Sample ID: 410-25906-7
Matrix: Water
Date Collected: 01/08/21 11:15
Date Received: 01/09/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		5	85852	01/19/21 19:36	TQ4J	ELLE
Total/NA	Analysis	8260C DOD	DL	50	85852	01/19/21 19:58	TQ4J	ELLE
Total/NA	Prep	8011			84210	01/12/21 20:25	K2IL	ELLE
Total/NA	Analysis	8011		20	85017	01/15/21 00:16	UAMZ	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	84268	01/13/21 09:34	GJ35	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		50	84268	01/13/21 10:23	GJ35	ELLE
Dissolved	Prep	Non-Digest Prep			84386	01/13/21 09:24	UJL8	ELLE
Dissolved	Analysis	6010C		1	84866	01/14/21 10:50	MDP5	ELLE
Dissolved	Prep	Non-Digest Prep			83834	01/11/21 19:14	UJLA	ELLE
Dissolved	Analysis	6010C		1	83999	01/12/21 09:46	MDP5	ELLE
Total Recoverable	Prep	3005A			83801	01/11/21 17:38	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84129	01/12/21 15:18	UCIG	ELLE
Total/NA	Prep	3005A			83805	01/11/21 17:45	UAMX	ELLE
Total/NA	Analysis	6020A		1	84089	01/12/21 12:42	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84495	01/12/21 22:53	JB	ELLE
Total/NA	Analysis	353.2		1	84127	01/12/21 14:47	QU5I	ELLE

Client Sample ID: GWS3-449-211

Lab Sample ID: 410-25906-8
Matrix: Water
Date Collected: 01/08/21 10:10
Date Received: 01/09/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	85852	01/19/21 18:08	TQ4J	ELLE
Total/NA	Analysis	8260C DOD	DL	10	85852	01/19/21 18:30	TQ4J	ELLE
Total/NA	Prep	8011			84210	01/12/21 20:25	K2IL	ELLE
Total/NA	Analysis	8011		10	85017	01/15/21 00:33	UAMZ	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	84268	01/13/21 10:40	GJ35	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		50	84268	01/13/21 10:56	GJ35	ELLE
Dissolved	Prep	Non-Digest Prep			84386	01/13/21 09:24	UJL8	ELLE
Dissolved	Analysis	6010C		1	84866	01/14/21 10:53	MDP5	ELLE
Dissolved	Prep	Non-Digest Prep			83834	01/11/21 19:14	UJLA	ELLE
Dissolved	Analysis	6010C		1	83999	01/12/21 09:56	MDP5	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

Client Sample ID: GWS3-449-211

Date Collected: 01/08/21 10:10
Date Received: 01/09/21 10:10

Lab Sample ID: 410-25906-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			83801	01/11/21 17:38	UAMX	ELLE
Total Recoverable	Analysis	6010C		1	84129	01/12/21 15:22	UCIG	ELLE
Total/NA	Prep	3005A			83805	01/11/21 17:45	UAMX	ELLE
Total/NA	Analysis	6020A		1	84089	01/12/21 12:44	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84495	01/12/21 22:28	JB	ELLE
Total/NA	Analysis	353.2		1	84127	01/12/21 14:49	QU5I	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-25906-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	01-31-21

Method Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	ELLE
6010C	Metals (ICP)	SW846	ELLE
6020A	Metals (ICP/MS)	SW846	ELLE
2320B-2011	Alkalinity, Total	SM	ELLE
353.2	Nitrogen, Nitrate-Nitrite	MCAWW	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency
MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-25906-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-25906-1	TB211-20	Water	01/08/21 12:45	01/09/21 10:10	
410-25906-2	GWS7-451-211	Water	01/08/21 09:20	01/09/21 10:10	
410-25906-3	GW151-484-211	Water	01/08/21 11:45	01/09/21 10:10	
410-25906-4	GWS5-446-211	Water	01/08/21 08:45	01/09/21 10:10	
410-25906-5	TB211-21	Water	01/08/21 12:45	01/09/21 10:10	
410-25906-6	GW152-484-211	Water	01/08/21 10:45	01/09/21 10:10	
410-25906-7	GWS9-447-211	Water	01/08/21 11:15	01/09/21 10:10	
410-25906-8	GWS3-449-211	Water	01/08/21 10:10	01/09/21 10:10	

410-25906 Chain of Custody

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-20

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate and Bicarbonate)	COMMENTS
1	TB211-20	1-8-2021	1245	4	—	2	—	2						

Associated with: GWS5-446-211
GWS7-451-211
GW151-484-211

~~TB211:~~ X

SAMPLER(S): D. Schmeltz

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7864

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeltz	1-8-2021	1430	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/9/21	1108

1/9/21 @ 1108

~~1/12~~/2021

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-S7-451-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GWS7-451-211	1-8-2021	0920	10	AR	3	AR	2	1	1*	1	1	1	

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 20

SAMPLER(S): A. Roseborough, D. Schmaltz

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7864

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Roseborough	1-9-21	1430	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/9/21	1648

1/22/2021

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-151-484-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate and Bicarbonate)	COMMENTS
1	GW151-484-211	1-8-2021	1145	7			MS	2	1	1*	1	1	1	

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 20

SAMPLER(S): A. Roseborough, D. Schroeck

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7864

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Roseborough	1/8/2021	1430	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/9/21	1008

(3) 1/9/21

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-S5-446-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111 | LAB PO NUMBER: 21295 | LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GWS5-446-211	1-8-2021	0845	10	~~AR~~	3	~~AR~~	2	1	1*	1	1	1	

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 20

SAMPLER(S): A. Rosebrough, R. Schmeltz

COURIER AND SHIPPING NUMBER: FedEx 9161 4700 7964

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough,	1-8-21	1430	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Lesley Miller	1/9/21	1008

1/22/2021

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-21

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-21	1-8-2021	1245	4	—	2	—	2						

Associated with: GW152-484-211
GWS3-449-211
GWS9-447-211

~~TB211-~~ X

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7875

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-8-2021	1530	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/9/21	1010

JCM 1/22/21 (3)

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-152-484-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW152-484-211	1-8-2021	1045	7			AK	2	1	1*	1	1	1	
AK														

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 21

SAMPLER(S): A. Rosebrough, P. Schmeltz

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7875

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
Amy Rosebrough	1-8-2021	1430			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Wesley Miller	1/9/21	1010

QEM 1/9/21

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-S9-447-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GWS9-447-211	1-8-2021	1115	10	MR	3	MR	2	1	1*	1	1	1	
MR														

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 21

SAMPLER(S): A. Roseborough, Dylan Schmeltz

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 ~~7864~~ MR ~~7885~~ MR

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Roseborough	1-8-2021	1430	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/9/21	1010

RM MR 3

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-S3-449-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111 | LAB PO NUMBER: 21295 | LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GWS3-449-211	1-8-2021	1010	10	MS	3	AP	2	1	1*	1	1	1	

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

TB211- 21

SAMPLER(S): A. Rosebrough, D. Schaukelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7875

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosebrough	1-8-2021	1430	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/9/21	1010

QM 1/22/21 (5)

1/22/2021

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-25906-1

Login Number: 25906
List Number: 1
Creator: Hollinger, Zane T

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-26001-1
Client Project/Site: Kirtland AFB - GWM & IRM Op Mod

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
2/10/2021 5:34:11 PM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS
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Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy

Darlene Bandy
Project Manager I
2/10/2021 5:34:11 PM

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-26001-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
J	Estimated: The analyte was positively identified; the quantitation is an estimation
U	Undetected at the Limit of Detection.

GC Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
M	Manual integrated compound.
Q	One or more quality control criteria failed.
U	Undetected at the Limit of Detection.

HPLC/IC

Qualifier	Qualifier Description
D	The reported value is from a dilution.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
U	Undetected at the Limit of Detection.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Blank contamination: The analyte was detected above one-half the reporting limit in an associated blank.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
J1	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
U	Undetected at the Limit of Detection.

General Chemistry

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated

Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-26001-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Job ID: 410-26001-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-26001-1

Receipt
The samples were received on 1/12/2021 11:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.1°C and 0.1°C

Receipt Exceptions
Samples were received on 1/12/21 and 1/13/21 due to a FedEx delay.
GW009-211 (410-26001-1), GW009-611 (410-26001-2), TB211-23 (410-26001-3), GW012R-211 (410-26001-4), GW012R-211 (410-26001-4[MS]), GW012R-211 (410-26001-4[MSD]), ER211-01 (410-26001-5) and TB211-22 (410-26001-6)

GC/MS VOA
Method 8260C_DOD5: The following samples were analyzed outside of analytical holding time: GW012R-211 (410-26001-4[MS]) and GW012R-211 (410-26001-4[MSD]).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8011: The continuing calibration verification (CCV) associated with batch 410-85101 recovered above the upper control limit for Ethylene Dibromide. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: TB211-23 (410-26001-3).

Method 8011_DOD5: The following sample(s) was logged with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less: GW012R-211 (410-26001-4[MS]) and GW012R-211 (410-26001-4[MSD]). As such, the laboratory had insufficient time remaining to perform the analysis within holding time.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26001-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW009-211 — Lab Sample ID: 410-26001-1

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.3		1.0	0.50	0.20	ug/L	1		8260C DOD	Total/NA
Ethylene Dibromide (2C)	0.086		0.029	0.019	0.0096	ug/L	1		8011	Total/NA
Bromide	4.6	D	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	120	D	20	15	10	mg/L	50		EPA 300.0 R2.1	Total/NA
Sulfate	200	D	50	45	15	mg/L	50		EPA 300.0 R2.1	Total/NA
Calcium	140	B	0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	22	B	0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	4.1		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	51		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Iron	0.32		0.21	0.10	0.041	mg/L	1		6010C	Dissolved
Manganese	0.93		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved
Lead	0.00047	J	0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	180		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	180		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Nitrate Nitrite as N	0.98		0.20	0.18	0.080	mg/L	2		353.2	Total/NA

Client Sample ID: GW009-611 — Lab Sample ID: 410-26001-2

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.4		1.0	0.50	0.20	ug/L	1		8260C DOD	Total/NA
Ethylene Dibromide (2C)	0.087		0.029	0.019	0.0096	ug/L	1		8011	Total/NA
Bromide	3.0	D	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	130	D	20	15	10	mg/L	50		EPA 300.0 R2.1	Total/NA
Sulfate	200	D	50	45	15	mg/L	50		EPA 300.0 R2.1	Total/NA
Calcium	140	B	0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	22	B	0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	4.1		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	50		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Iron	0.28	J1	0.21	0.10	0.041	mg/L	1		6010C	Dissolved
Manganese	0.93	J1	0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved
Bicarbonate Alkalinity as CaCO3	180		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	180		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Nitrate Nitrite as N	0.93		0.20	0.18	0.080	mg/L	2		353.2	Total/NA

Client Sample ID: TB211-23 — Lab Sample ID: 410-26001-3

No Detections.

Client Sample ID: GW012R-211 — Lab Sample ID: 410-26001-4

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.59	J	1.0	0.50	0.20	ug/L	1		8260C DOD	Total/NA
Bromide	2.1	J D	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	190	D	20	15	10	mg/L	50		EPA 300.0 R2.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Client Sample ID: GW012R-211 (Continued)

Lab Sample ID: 410-26001-4

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	310	D	50	45	15	mg/L	50		EPA 300.0 R2.1	Total/NA
Calcium	170		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	26		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	5.3		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	78		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Arsenic	0.00088	J	0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Lead	0.00038	J	0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	100		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	100		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Nitrate Nitrite as N	4.6		0.50	0.45	0.20	mg/L	5		353.2	Total/NA

Client Sample ID: ER211-01

Lab Sample ID: 410-26001-5

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Calcium	0.19	J	0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Lead	0.000091	J	0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA

Client Sample ID: TB211-22

Lab Sample ID: 410-26001-6

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Client Sample ID: GW009-211

Date Collected: 01/11/21 15:05
Date Received: 01/12/21 11:40

Lab Sample ID: 410-26001-1

Matrix: Water

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	**3.3**		1.0	0.50	0.20	ug/L		01/19/21 16:18	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/19/21 16:18	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/19/21 16:18	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/19/21 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*01/19/21 16:18*	*1*
4-Bromofluorobenzene (Surr)	*99*		*85 - 114*		*01/19/21 16:18*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 119*		*01/19/21 16:18*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/19/21 16:18*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	**0.086**		0.029	0.019	0.0096	ug/L		01/15/21 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*120*	*M*	*46 - 136*	*01/14/21 03:59*	*01/15/21 22:28*	*1*
1,1,2,2-Tetrachloroethane (2C)	*119*	*M*	*46 - 136*	*01/14/21 03:59*	*01/15/21 22:28*	*1*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	**4.6**	**D**	2.5	2.0	1.3	mg/L		01/13/21 14:23	5
Chloride	**120**	**D**	20	15	10	mg/L		01/13/21 14:41	50
Sulfate	**200**	**D**	50	45	15	mg/L		01/13/21 14:41	50

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**140**	**B**	0.20	0.15	0.096	mg/L		01/13/21 11:42	1
Magnesium	**22**	**B**	0.10	0.075	0.040	mg/L		01/13/21 11:42	1
Potassium	**4.1**		0.50	0.45	0.20	mg/L		01/13/21 11:42	1
Sodium	**51**		1.0	0.50	0.24	mg/L		01/13/21 11:42	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	**0.32**		0.21	0.10	0.041	mg/L		01/15/21 14:24	1
Manganese	**0.93**		0.010	0.0052	0.0031	mg/L		01/15/21 14:24	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/13/21 10:53	1
Lead	**0.00047**	**J**	0.00050	0.00025	0.000071	mg/L		01/13/21 10:53	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**180**		8.0	6.0	2.6	mg/L		01/13/21 23:44	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/13/21 23:44	1
Total Alkalinity as CaCO3 to pH 4.5	**180**		8.0	6.0	2.6	mg/L		01/13/21 23:44	1
Nitrate Nitrite as N	**0.98**		0.20	0.18	0.080	mg/L		01/13/21 12:23	2

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26001-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW009-611
Date Collected: 01/11/21 15:05
Date Received: 01/12/21 11:40

Lab Sample ID: 410-26001-2
Matrix: Water

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	**3.4**		1.0	0.50	0.20	ug/L		01/19/21 16:40	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/19/21 16:40	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/19/21 16:40	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/19/21 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*01/19/21 16:40*	*1*
4-Bromofluorobenzene (Surr)	*99*		*85 - 114*		*01/19/21 16:40*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/19/21 16:40*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*01/19/21 16:40*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	**0.087**		0.029	0.019	0.0096	ug/L		01/15/21 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*122*	*M*	*46 - 136*	*01/14/21 03:59*	*01/15/21 22:45*	*1*
1,1,2,2-Tetrachloroethane (2C)	*115*		*46 - 136*	*01/14/21 03:59*	*01/15/21 22:45*	*1*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	**3.0**	**D**	2.5	2.0	1.3	mg/L		01/13/21 14:59	5
Chloride	**130**	**D**	20	15	10	mg/L		01/13/21 15:18	50
Sulfate	**200**	**D**	50	45	15	mg/L		01/13/21 15:18	50

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**140**	**B**	0.20	0.15	0.096	mg/L		01/13/21 11:52	1
Magnesium	**22**	**B**	0.10	0.075	0.040	mg/L		01/13/21 11:52	1
Potassium	**4.1**		0.50	0.45	0.20	mg/L		01/13/21 11:52	1
Sodium	**50**		1.0	0.50	0.24	mg/L		01/13/21 11:52	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	**0.28**	**J1**	0.21	0.10	0.041	mg/L		01/15/21 13:46	1
Manganese	**0.93**	**J1**	0.010	0.0052	0.0031	mg/L		01/15/21 13:46	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/13/21 10:51	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/13/21 10:51	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**180**		8.0	6.0	2.6	mg/L		01/13/21 23:37	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/13/21 23:37	1
Total Alkalinity as CaCO3 to pH 4.5	**180**		8.0	6.0	2.6	mg/L		01/13/21 23:37	1
Nitrate Nitrite as N	**0.93**		0.20	0.18	0.080	mg/L		01/13/21 12:24	2

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26001-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: TB211-23
Lab Sample ID: 410-26001-3
Date Collected: 01/11/21 17:00
Matrix: Water
Date Received: 01/12/21 11:40

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/19/21 13:00	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/19/21 13:00	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/19/21 13:00	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/19/21 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*01/19/21 13:00*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*01/19/21 13:00*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 119*		*01/19/21 13:00*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*01/19/21 13:00*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U Q	0.029	0.019	0.0096	ug/L		01/15/21 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*112*		*46 - 136*	*01/14/21 03:59*	*01/15/21 23:02*	*1*
1,1,2,2-Tetrachloroethane (2C)	*117*		*46 - 136*	*01/14/21 03:59*	*01/15/21 23:02*	*1*

Client Sample ID: GW012R-211
Lab Sample ID: 410-26001-4
Date Collected: 01/11/21 12:25
Matrix: Water
Date Received: 01/12/21 11:40

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/19/21 15:34	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/19/21 15:34	1
Toluene	**0.59**	**J**	1.0	0.50	0.20	ug/L		01/19/21 15:34	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/19/21 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*01/19/21 15:34*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/19/21 15:34*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 119*		*01/19/21 15:34*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/19/21 15:34*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/18/21 11:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*79*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 11:00*	*1*
1,1,2,2-Tetrachloroethane (2C)	*93*		*46 - 136*	*01/16/21 04:25*	*01/18/21 11:00*	*1*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	**2.1**	**J D**	2.5	2.0	1.3	mg/L		01/14/21 21:20	5
Chloride	**190**	**D**	20	15	10	mg/L		01/14/21 22:11	50
Sulfate	**310**	**D**	50	45	15	mg/L		01/14/21 22:11	50

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26001-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW012R-211
Lab Sample ID: 410-26001-4
Date Collected: 01/11/21 12:25
Matrix: Water
Date Received: 01/12/21 11:40

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**170**		0.20	0.15	0.096	mg/L		01/14/21 09:21	1
Magnesium	**26**		0.10	0.075	0.040	mg/L		01/14/21 09:21	1
Potassium	**5.3**		0.50	0.45	0.20	mg/L		01/14/21 09:21	1
Sodium	**78**		1.0	0.50	0.24	mg/L		01/14/21 09:21	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U J1	0.21	0.10	0.041	mg/L		01/25/21 10:13	1
Manganese	0.0052	U J1	0.010	0.0052	0.0031	mg/L		01/25/21 10:13	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	**0.00088**	**J**	0.0020	0.0016	0.00068	mg/L		01/25/21 11:18	1
Lead	**0.00038**	**J**	0.00050	0.00025	0.000071	mg/L		01/25/21 11:18	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**100**		8.0	6.0	2.6	mg/L		01/15/21 21:38	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/15/21 21:38	1
Total Alkalinity as CaCO3 to pH 4.5	**100**		8.0	6.0	2.6	mg/L		01/15/21 21:38	1
Nitrate Nitrite as N	**4.6**		0.50	0.45	0.20	mg/L		01/15/21 07:43	5

Client Sample ID: ER211-01
Lab Sample ID: 410-26001-5
Date Collected: 01/11/21 11:05
Matrix: Water
Date Received: 01/12/21 11:40

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/19/21 15:56	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/19/21 15:56	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/19/21 15:56	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/19/21 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*		*01/19/21 15:56*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*01/19/21 15:56*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 119*		*01/19/21 15:56*	*1*
Toluene-d8 (Surr)	*98*		*89 - 112*		*01/19/21 15:56*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0095	ug/L		01/18/21 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*82*		*46 - 136*	*01/16/21 04:25*	*01/18/21 11:17*	*1*
1,1,2,2-Tetrachloroethane (2C)	*93*		*46 - 136*	*01/16/21 04:25*	*01/18/21 11:17*	*1*

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**0.19**	**J**	0.20	0.15	0.096	mg/L		01/14/21 09:18	1
Magnesium	0.075	U	0.10	0.075	0.040	mg/L		01/14/21 09:18	1
Potassium	0.45	U	0.50	0.45	0.20	mg/L		01/14/21 09:18	1

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Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26001-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: ER211-01
Lab Sample ID: 410-26001-5
Date Collected: 01/11/21 11:05
Matrix: Water
Date Received: 01/12/21 11:40

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Sodium	0.50	U	1.0	0.50	0.24	mg/L		01/14/21 09:18	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/14/21 11:26	1
Lead	**0.000091**	**J**	0.00050	0.00025	0.000071	mg/L		01/14/21 11:26	1

Client Sample ID: TB211-22
Lab Sample ID: 410-26001-6
Date Collected: 01/11/21 17:00
Matrix: Water
Date Received: 01/12/21 11:40

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/19/21 13:22	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/19/21 13:22	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/19/21 13:22	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/19/21 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*01/19/21 13:22*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/19/21 13:22*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/19/21 13:22*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*01/19/21 13:22*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/18/21 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*87*		*46 - 136*	*01/16/21 04:25*	*01/18/21 11:34*	*1*
1,1,2,2-Tetrachloroethane (2C)	*91*		*46 - 136*	*01/16/21 04:25*	*01/18/21 11:34*	*1*

Surrogate Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(81-118)	(85-114)	(80-119)	(89-112)
410-26001-1	GW009-211	101	99	101	97
410-26001-2	GW009-611	103	99	103	96
410-26001-3	TB211-23	104	97	102	96
410-26001-4	GW012R-211	103	96	101	97
410-26001-4 MS	GW012R-211	102	100	103	98
410-26001-4 MSD	GW012R-211	104	99	104	96
410-26001-5	ER211-01	100	97	102	98
410-26001-6	TB211-22	104	96	103	96
LCS 410-85852/5	Lab Control Sample	102	99	102	97
LCS 410-88760/5	Lab Control Sample	103	98	103	97
MB 410-85852/7	Method Blank	105	96	103	96
MB 410-88760/8	Method Blank	104	96	103	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(46-136)	(46-136)
410-26001-1	GW009-211	120 M	119 M
410-26001-2	GW009-611	122 M	115
410-26001-3	TB211-23	112	117
410-26001-4	GW012R-211	79 M	93
410-26001-4 MS	GW012R-211	106	114
410-26001-4 MSD	GW012R-211	100	110
410-26001-5	ER211-01	82	93
410-26001-6	TB211-22	87	91
LCS 410-84637/2-A	Lab Control Sample	91	95
LCS 410-85393/2-A	Lab Control Sample	84	92
LCS 410-89655/2-A	Lab Control Sample	114	130
LCSD 410-84637/3-A	Lab Control Sample Dup	105	99
LCSD 410-85393/3-A	Lab Control Sample Dup	86	93
LCSD 410-89655/3-A	Lab Control Sample Dup	95	107
MB 410-84637/1-A	Method Blank	99	100
MB 410-85393/1-A	Method Blank	86	97
MB 410-89655/1-A	Method Blank	98	110

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-85852/7
Matrix: Water
Analysis Batch: 85852

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/19/21 10:48	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/19/21 10:48	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/19/21 10:48	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/19/21 10:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*81 - 118*		*01/19/21 10:48*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/19/21 10:48*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/19/21 10:48*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*01/19/21 10:48*	*1*

Lab Sample ID: LCS 410-85852/5
Matrix: Water
Analysis Batch: 85852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	21.0		ug/L		105	42 - 138
Ethylbenzene	20.0	20.0		ug/L		100	79 - 121
Toluene	20.0	19.9		ug/L		99	80 - 121
Xylenes, Total	60.0	58.8		ug/L		98	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*
4-Bromofluorobenzene (Surr)	*99*		*85 - 114*
Dibromofluoromethane (Surr)	*102*		*80 - 119*
Toluene-d8 (Surr)	*97*		*89 - 112*

Lab Sample ID: MB 410-88760/8
Matrix: Water
Analysis Batch: 88760

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/28/21 00:13	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/28/21 00:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*01/28/21 00:13*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/28/21 00:13*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/28/21 00:13*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*01/28/21 00:13*	*1*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-88760/5
Matrix: Water
Analysis Batch: 88760

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			20.0	21.5		ug/L		107	42 - 138		
Ethylbenzene			20.0	19.3		ug/L		97	79 - 121		
Toluene			20.0	19.6		ug/L		98	80 - 121		
Xylenes, Total			60.0	56.4		ug/L		94	79 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*
Dibromofluoromethane (Surr)	*103*		*80 - 119*
Toluene-d8 (Surr)	*97*		*89 - 112*

Lab Sample ID: 410-26001-4 MS
Matrix: Water
Analysis Batch: 88760

Client Sample ID: GW012R-211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	0.50	U	20.0	23.0	H	ug/L		115	42 - 138		
Ethylbenzene	0.80	U	20.0	21.4	H	ug/L		107	79 - 121		
Toluene	0.59	J	20.0	21.8	H	ug/L		106	80 - 121		
Xylenes, Total	2.8	U	60.0	62.6	H	ug/L		104	79 - 121		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*
4-Bromofluorobenzene (Surr)	*100*		*85 - 114*
Dibromofluoromethane (Surr)	*103*		*80 - 119*
Toluene-d8 (Surr)	*98*		*89 - 112*

Lab Sample ID: 410-26001-4 MSD
Matrix: Water
Analysis Batch: 88760

Client Sample ID: GW012R-211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.50	U	20.0	24.9	H	ug/L		124	42 - 138	8	20
Ethylbenzene	0.80	U	20.0	22.7	H	ug/L		113	79 - 121	6	20
Toluene	0.59	J	20.0	23.5	H	ug/L		115	80 - 121	8	20
Xylenes, Total	2.8	U	60.0	66.1	H	ug/L		110	79 - 121	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*
4-Bromofluorobenzene (Surr)	*99*		*85 - 114*
Dibromofluoromethane (Surr)	*104*		*80 - 119*
Toluene-d8 (Surr)	*96*		*89 - 112*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-84637/1-A
Matrix: Water
Analysis Batch: 85101

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84637

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/15/21 08:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*99*		*46 - 136*	*01/14/21 03:59*	*01/15/21 08:52*	*1*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*	*01/14/21 03:59*	*01/15/21 08:52*	*1*

Lab Sample ID: LCS 410-84637/2-A
Matrix: Water
Analysis Batch: 85101

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.128	0.123		ug/L		96	60 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*91*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*95*		*46 - 136*

Lab Sample ID: LCSD 410-84637/3-A
Matrix: Water
Analysis Batch: 85101

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 84637

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)	0.128	0.135		ug/L		106	60 - 140	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*105*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*99*		*46 - 136*

Lab Sample ID: MB 410-85393/1-A
Matrix: Water
Analysis Batch: 85571

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 85393

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/18/21 10:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*86*		*46 - 136*	*01/16/21 04:25*	*01/18/21 10:10*	*1*
1,1,2,2-Tetrachloroethane (2C)	*97*		*46 - 136*	*01/16/21 04:25*	*01/18/21 10:10*	*1*

Lab Sample ID: LCS 410-85393/2-A
Matrix: Water
Analysis Batch: 85571

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85393

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.128	0.117		ug/L		91	60 - 140

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 410-85393/2-A
Matrix: Water
Analysis Batch: 85571

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85393

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,1,2,2-Tetrachloroethane (1C)	*84*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*92*		*46 - 136*

Lab Sample ID: LCSD 410-85393/3-A
Matrix: Water
Analysis Batch: 85571

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 85393

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.116		ug/L		91	60 - 140	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,1,2,2-Tetrachloroethane (1C)	*86*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*93*		*46 - 136*

Lab Sample ID: MB 410-89655/1-A
Matrix: Water
Analysis Batch: 90260

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89655

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		02/02/21 17:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	*98*		*46 - 136*	*01/30/21 01:16*	*02/02/21 17:52*	*1*
1,1,2,2-Tetrachloroethane (2C)	*110*		*46 - 136*	*01/30/21 01:16*	*02/02/21 17:52*	*1*

Lab Sample ID: LCS 410-89655/2-A
Matrix: Water
Analysis Batch: 90260

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89655

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)			0.128	0.152		ug/L		119	60 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,1,2,2-Tetrachloroethane (1C)	*114*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*130*		*46 - 136*

Lab Sample ID: LCSD 410-89655/3-A
Matrix: Water
Analysis Batch: 90260

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 89655

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.134		ug/L		104	60 - 140	13	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,1,2,2-Tetrachloroethane (1C)	*95*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*107*		*46 - 136*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: 410-26001-4 MS
Matrix: Water
Analysis Batch: 90260

Client Sample ID: GW012R-211
Prep Type: Total/NA
Prep Batch: 89655

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.019	U	0.122	0.127	H	ug/L		104	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*106*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*114*		*46 - 136*

Lab Sample ID: 410-26001-4 MSD
Matrix: Water
Analysis Batch: 90260

Client Sample ID: GW012R-211
Prep Type: Total/NA
Prep Batch: 89655

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)	0.019	U	0.122	0.123	H	ug/L		100	60 - 140	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*100*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*110*		*46 - 136*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 410-84263/4
Matrix: Water
Analysis Batch: 84263

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	0.40	U	0.50	0.40	0.25	mg/L		01/13/21 10:28	1
Chloride	0.30	U	0.40	0.30	0.20	mg/L		01/13/21 10:28	1
Sulfate	0.90	U	1.0	0.90	0.30	mg/L		01/13/21 10:28	1

Lab Sample ID: LCS 410-84263/3
Matrix: Water
Analysis Batch: 84263

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromide	7.50	7.64		mg/L		102	90 - 110
Chloride	3.00	2.91		mg/L		97	90 - 110
Sulfate	7.50	7.68		mg/L		102	90 - 110

Lab Sample ID: MB 410-84643/4
Matrix: Water
Analysis Batch: 84643

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	0.40	U	0.50	0.40	0.25	mg/L		01/14/21 15:37	1
Chloride	0.30	U	0.40	0.30	0.20	mg/L		01/14/21 15:37	1
Sulfate	0.90	U	1.0	0.90	0.30	mg/L		01/14/21 15:37	1

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 410-84643/3
Matrix: Water
Analysis Batch: 84643

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromide	7.50	7.08		mg/L		94	90 - 110
Chloride	3.00	2.69		mg/L		90	90 - 110
Sulfate	7.50	7.59		mg/L		101	90 - 110

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-84265/1-A
Matrix: Water
Analysis Batch: 85312

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84265

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/15/21 13:39	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		01/15/21 13:39	1

Lab Sample ID: LCS 410-84265/2-A
Matrix: Water
Analysis Batch: 85312

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84265

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.400	0.426		mg/L		106	87 - 115
Manganese	0.0200	0.0212		mg/L		106	90 - 114

Lab Sample ID: MB 410-87563/1-A
Matrix: Water
Analysis Batch: 87708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87563

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/25/21 10:06	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		01/25/21 10:06	1

Lab Sample ID: LCS 410-87563/2-A
Matrix: Water
Analysis Batch: 87708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.400	0.397		mg/L		99	87 - 115
Manganese	0.0200	0.0211		mg/L		106	90 - 114

Lab Sample ID: MB 410-84246/1-A
Matrix: Water
Analysis Batch: 84478

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 84246

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	0.15	U	0.20	0.15	0.096	mg/L		01/13/21 11:14	1
Magnesium	0.075	U	0.10	0.075	0.040	mg/L		01/13/21 11:14	1
Potassium	0.45	U	0.50	0.45	0.20	mg/L		01/13/21 11:14	1
Sodium	0.50	U	1.0	0.50	0.24	mg/L		01/13/21 11:14	1

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-84246/2-A
Matrix: Water
Analysis Batch: 84478

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 84246

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Potassium	6.00	5.78		mg/L		96	86 - 114
Sodium	2.00	2.01		mg/L		100	87 - 115

Lab Sample ID: LCS 410-84246/2-A
Matrix: Water
Analysis Batch: 86403

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 84246

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	0.400	0.408		mg/L		102	87 - 113
Magnesium	0.200	0.199		mg/L		100	85 - 113

Lab Sample ID: MB 410-84583/1-A
Matrix: Water
Analysis Batch: 84790

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 84583

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	0.15	U	0.20	0.15	0.096	mg/L		01/14/21 08:29	1
Magnesium	0.075	U	0.10	0.075	0.040	mg/L		01/14/21 08:29	1
Potassium	0.45	U	0.50	0.45	0.20	mg/L		01/14/21 08:29	1
Sodium	0.50	U	1.0	0.50	0.24	mg/L		01/14/21 08:29	1

Lab Sample ID: LCS 410-84583/2-A
Matrix: Water
Analysis Batch: 84790

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 84583

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	0.400	0.436		mg/L		109	87 - 113
Magnesium	0.200	0.212		mg/L		106	85 - 113
Potassium	6.00	5.98		mg/L		100	86 - 114
Sodium	2.00	2.02		mg/L		101	87 - 115

Lab Sample ID: 410-26001-2 MS
Matrix: Water
Analysis Batch: 85312

Client Sample ID: GW009-611
Prep Type: Dissolved
Prep Batch: 84265

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.28	J1	0.400	0.699		mg/L		105	87 - 115
Manganese	0.93	J1	0.0200	0.960	4	mg/L		127	90 - 114

Lab Sample ID: 410-26001-2 MSD
Matrix: Water
Analysis Batch: 85312

Client Sample ID: GW009-611
Prep Type: Dissolved
Prep Batch: 84265

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	0.28	J1	0.400	0.701		mg/L		105	87 - 115	0	20
Manganese	0.93	J1	0.0200	0.952	4	mg/L		87	90 - 114	1	20

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 410-26001-2 DU
Matrix: Water
Analysis Batch: 85312

Client Sample ID: GW009-611
Prep Type: Dissolved
Prep Batch: 84265

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Iron	0.28	J1	0.277		mg/L		0.8	20
Manganese	0.93	J1	0.936		mg/L		0.1	20

Lab Sample ID: 410-26001-4 MS
Matrix: Water
Analysis Batch: 87708

Client Sample ID: GW012R-211
Prep Type: Dissolved
Prep Batch: 87563

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.10	U J1	0.400	0.408		mg/L		102	87 - 115
Manganese	0.0052	U J1	0.0200	0.0214		mg/L		107	90 - 114

Lab Sample ID: 410-26001-4 MSD
Matrix: Water
Analysis Batch: 87708

Client Sample ID: GW012R-211
Prep Type: Dissolved
Prep Batch: 87563

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	0.10	U J1	0.400	0.399		mg/L		100	87 - 115	2	20
Manganese	0.0052	U J1	0.0200	0.0214		mg/L		107	90 - 114	0	20

Lab Sample ID: 410-26001-4 DU
Matrix: Water
Analysis Batch: 87708

Client Sample ID: GW012R-211
Prep Type: Dissolved
Prep Batch: 87563

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Iron	0.10	U J1	0.10	U	mg/L		NC	20
Manganese	0.0052	U J1	0.0052	U	mg/L		NC	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: 410-26001-5 MS
Matrix: Water
Analysis Batch: 84862

Client Sample ID: ER211-01
Prep Type: Total/NA
Prep Batch: 84587

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0016	U	0.0600	0.0626		mg/L		104	84 - 116
Lead	0.000091	J	0.0300	0.0310		mg/L		103	88 - 115

Lab Sample ID: 410-26001-5 MSD
Matrix: Water
Analysis Batch: 84862

Client Sample ID: ER211-01
Prep Type: Total/NA
Prep Batch: 84587

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0016	U	0.0600	0.0623		mg/L		104	84 - 116	0	20
Lead	0.000091	J	0.0300	0.0311		mg/L		103	88 - 115	0	20

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-26001-5 DU
Matrix: Water
Analysis Batch: 84862

Client Sample ID: ER211-01
Prep Type: Total/NA
Prep Batch: 84587

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	0.0016	U	0.0016	U	mg/L		NC	20
Lead	0.000091	J	0.0000800	J	mg/L		13	20

Lab Sample ID: 410-26001-4 MS
Matrix: Water
Analysis Batch: 87701

Client Sample ID: GW012R-211
Prep Type: Total/NA
Prep Batch: 87539

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.00088	J	0.0600	0.0654		mg/L		108	84 - 116
Lead	0.00038	J	0.0300	0.0322		mg/L		106	88 - 115

Lab Sample ID: 410-26001-4 MSD
Matrix: Water
Analysis Batch: 87701

Client Sample ID: GW012R-211
Prep Type: Total/NA
Prep Batch: 87539

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.00088	J	0.0600	0.0687		mg/L		113	84 - 116	5	20
Lead	0.00038	J	0.0300	0.0336		mg/L		111	88 - 115	4	20

Lab Sample ID: 410-26001-4 DU
Matrix: Water
Analysis Batch: 87701

Client Sample ID: GW012R-211
Prep Type: Total/NA
Prep Batch: 87539

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	0.00088	J	0.000925	J	mg/L		5	20
Lead	0.00038	J	0.000393	J	mg/L		5	20

Lab Sample ID: MB 410-84082/1-A
Matrix: Water
Analysis Batch: 84451

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 84082

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/13/21 09:59	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/13/21 09:59	1

Lab Sample ID: LCS 410-84082/2-A
Matrix: Water
Analysis Batch: 84451

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 84082

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0600	0.0624		mg/L		104	84 - 116
Lead	0.0300	0.0300		mg/L		100	88 - 115

Lab Sample ID: MB 410-84587/1-A
Matrix: Water
Analysis Batch: 84862

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 84587

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/14/21 11:22	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/14/21 11:22	1

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QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: LCS 410-84587/2-A
Matrix: Water
Analysis Batch: 84862

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 84587

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0600	0.0627		mg/L		105	84 - 116
Lead	0.0300	0.0309		mg/L		103	88 - 115

Lab Sample ID: MB 410-87539/1-A
Matrix: Water
Analysis Batch: 87701

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 87539

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/25/21 11:14	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/25/21 11:14	1

Lab Sample ID: LCS 410-87539/2-A
Matrix: Water
Analysis Batch: 87701

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 87539

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0600	0.0642		mg/L		107	84 - 116
Lead	0.0300	0.0323		mg/L		108	88 - 115

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 410-84933/30
Matrix: Water
Analysis Batch: 84933

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/13/21 21:32	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/13/21 21:32	1
Total Alkalinity as CaCO3 to pH 4.5	6.0	U	8.0	6.0	2.6	mg/L		01/13/21 21:32	1

Lab Sample ID: LCS 410-84933/31
Matrix: Water
Analysis Batch: 84933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	189	175		mg/L		93	82 - 106

Lab Sample ID: LCSD 410-84933/32
Matrix: Water
Analysis Batch: 84933

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	189	175		mg/L		93	82 - 106	0	10

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: MB 410-85670/30
Matrix: Water
Analysis Batch: 85670

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/15/21 21:25	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/15/21 21:25	1
Total Alkalinity as CaCO3 to pH 4.5	6.0	U	8.0	6.0	2.6	mg/L		01/15/21 21:25	1

Lab Sample ID: LCS 410-85670/31
Matrix: Water
Analysis Batch: 85670

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	189	175		mg/L		93	82 - 106

Lab Sample ID: 410-26001-4 MS
Matrix: Water
Analysis Batch: 85670

Client Sample ID: GW012R-211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	100		189	268		mg/L		88	82 - 106

Lab Sample ID: 410-26001-4 DU
Matrix: Water
Analysis Batch: 85670

Client Sample ID: GW012R-211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	100		101		mg/L		0.4	5

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 410-84498/20
Matrix: Water
Analysis Batch: 84498

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/13/21 12:12	1

Lab Sample ID: LCS 410-84498/21
Matrix: Water
Analysis Batch: 84498

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	2.50	2.50		mg/L		100	90 - 110

Lab Sample ID: MB 410-85190/20
Matrix: Water
Analysis Batch: 85190

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/15/21 07:32	1

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: LCS 410-85190/21
Matrix: Water
Analysis Batch: 85190

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	2.50	2.50		mg/L		100	90 - 110

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

GC/MS VOA

Analysis Batch: 85852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-1	GW009-211	Total/NA	Water	8260C DOD	
410-26001-2	GW009-611	Total/NA	Water	8260C DOD	
410-26001-3	TB211-23	Total/NA	Water	8260C DOD	
410-26001-4	GW012R-211	Total/NA	Water	8260C DOD	
410-26001-5	ER211-01	Total/NA	Water	8260C DOD	
410-26001-6	TB211-22	Total/NA	Water	8260C DOD	
MB 410-85852/7	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-85852/5	Lab Control Sample	Total/NA	Water	8260C DOD	

Analysis Batch: 88760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-88760/8	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-88760/5	Lab Control Sample	Total/NA	Water	8260C DOD	
410-26001-4 MS	GW012R-211	Total/NA	Water	8260C DOD	
410-26001-4 MSD	GW012R-211	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 84637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-1	GW009-211	Total/NA	Water	8011	
410-26001-2	GW009-611	Total/NA	Water	8011	
410-26001-3	TB211-23	Total/NA	Water	8011	
MB 410-84637/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-84637/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-84637/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 85101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-1	GW009-211	Total/NA	Water	8011	84637
410-26001-2	GW009-611	Total/NA	Water	8011	84637
410-26001-3	TB211-23	Total/NA	Water	8011	84637
MB 410-84637/1-A	Method Blank	Total/NA	Water	8011	84637
LCS 410-84637/2-A	Lab Control Sample	Total/NA	Water	8011	84637
LCSD 410-84637/3-A	Lab Control Sample Dup	Total/NA	Water	8011	84637

Prep Batch: 85393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-4	GW012R-211	Total/NA	Water	8011	
410-26001-5	ER211-01	Total/NA	Water	8011	
410-26001-6	TB211-22	Total/NA	Water	8011	
MB 410-85393/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-85393/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-85393/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 85571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-4	GW012R-211	Total/NA	Water	8011	85393
410-26001-5	ER211-01	Total/NA	Water	8011	85393
410-26001-6	TB211-22	Total/NA	Water	8011	85393
MB 410-85393/1-A	Method Blank	Total/NA	Water	8011	85393

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

GC Semi VOA (Continued)

Analysis Batch: 85571 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-85393/2-A	Lab Control Sample	Total/NA	Water	8011	85393
LCSD 410-85393/3-A	Lab Control Sample Dup	Total/NA	Water	8011	85393

Prep Batch: 89655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-89655/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-89655/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-89655/3-A	Lab Control Sample Dup	Total/NA	Water	8011	
410-26001-4 MS	GW012R-211	Total/NA	Water	8011	
410-26001-4 MSD	GW012R-211	Total/NA	Water	8011	

Analysis Batch: 90260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-89655/1-A	Method Blank	Total/NA	Water	8011	89655
LCS 410-89655/2-A	Lab Control Sample	Total/NA	Water	8011	89655
LCSD 410-89655/3-A	Lab Control Sample Dup	Total/NA	Water	8011	89655
410-26001-4 MS	GW012R-211	Total/NA	Water	8011	89655
410-26001-4 MSD	GW012R-211	Total/NA	Water	8011	89655

HPLC/IC

Analysis Batch: 84263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-1	GW009-211	Total/NA	Water	EPA 300.0 R2.1	
410-26001-1	GW009-211	Total/NA	Water	EPA 300.0 R2.1	
410-26001-2	GW009-611	Total/NA	Water	EPA 300.0 R2.1	
410-26001-2	GW009-611	Total/NA	Water	EPA 300.0 R2.1	
MB 410-84263/4	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 410-84263/3	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 84643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-4	GW012R-211	Total/NA	Water	EPA 300.0 R2.1	
410-26001-4	GW012R-211	Total/NA	Water	EPA 300.0 R2.1	
MB 410-84643/4	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 410-84643/3	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 84082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-1	GW009-211	Total/NA	Water	3005A	
410-26001-2	GW009-611	Total/NA	Water	3005A	
MB 410-84082/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-84082/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 84246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-1	GW009-211	Total Recoverable	Water	3005A	
410-26001-2	GW009-611	Total Recoverable	Water	3005A	
MB 410-84246/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-84246/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Metals

Prep Batch: 84265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-1	GW009-211	Dissolved	Water	Non-Digest Prep	
410-26001-2	GW009-611	Dissolved	Water	Non-Digest Prep	
MB 410-84265/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-84265/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	
410-26001-2 MS	GW009-611	Dissolved	Water	Non-Digest Prep	
410-26001-2 MSD	GW009-611	Dissolved	Water	Non-Digest Prep	
410-26001-2 DU	GW009-611	Dissolved	Water	Non-Digest Prep	

Analysis Batch: 84451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-1	GW009-211	Total/NA	Water	6020A	84082
410-26001-2	GW009-611	Total/NA	Water	6020A	84082
MB 410-84082/1-A	Method Blank	Total Recoverable	Water	6020A	84082
LCS 410-84082/2-A	Lab Control Sample	Total Recoverable	Water	6020A	84082

Analysis Batch: 84478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-1	GW009-211	Total Recoverable	Water	6010C	84246
410-26001-2	GW009-611	Total Recoverable	Water	6010C	84246
MB 410-84246/1-A	Method Blank	Total Recoverable	Water	6010C	84246
LCS 410-84246/2-A	Lab Control Sample	Total Recoverable	Water	6010C	84246

Prep Batch: 84583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-4	GW012R-211	Total Recoverable	Water	3005A	
410-26001-5	ER211-01	Total Recoverable	Water	3005A	
MB 410-84583/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-84583/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 84587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-5	ER211-01	Total/NA	Water	3005A	
MB 410-84587/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-84587/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
410-26001-5 MS	ER211-01	Total/NA	Water	3005A	
410-26001-5 MSD	ER211-01	Total/NA	Water	3005A	
410-26001-5 DU	ER211-01	Total/NA	Water	3005A	

Analysis Batch: 84790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-4	GW012R-211	Total Recoverable	Water	6010C	84583
410-26001-5	ER211-01	Total Recoverable	Water	6010C	84583
MB 410-84583/1-A	Method Blank	Total Recoverable	Water	6010C	84583
LCS 410-84583/2-A	Lab Control Sample	Total Recoverable	Water	6010C	84583

Analysis Batch: 84862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-5	ER211-01	Total/NA	Water	6020A	84587
MB 410-84587/1-A	Method Blank	Total Recoverable	Water	6020A	84587
LCS 410-84587/2-A	Lab Control Sample	Total Recoverable	Water	6020A	84587
410-26001-5 MS	ER211-01	Total/NA	Water	6020A	84587

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Metals (Continued)

Analysis Batch: 84862 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-5 MSD	ER211-01	Total/NA	Water	6020A	84587
410-26001-5 DU	ER211-01	Total/NA	Water	6020A	84587

Analysis Batch: 85312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-1	GW009-211	Dissolved	Water	6010C	84265
410-26001-2	GW009-611	Dissolved	Water	6010C	84265
MB 410-84265/1-A	Method Blank	Total/NA	Water	6010C	84265
LCS 410-84265/2-A	Lab Control Sample	Total/NA	Water	6010C	84265
410-26001-2 MS	GW009-611	Dissolved	Water	6010C	84265
410-26001-2 MSD	GW009-611	Dissolved	Water	6010C	84265
410-26001-2 DU	GW009-611	Dissolved	Water	6010C	84265

Analysis Batch: 86403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-84246/2-A	Lab Control Sample	Total Recoverable	Water	6010C	84246

Prep Batch: 87539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-4	GW012R-211	Total/NA	Water	3005A	
MB 410-87539/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-87539/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
410-26001-4 MS	GW012R-211	Total/NA	Water	3005A	
410-26001-4 MSD	GW012R-211	Total/NA	Water	3005A	
410-26001-4 DU	GW012R-211	Total/NA	Water	3005A	

Prep Batch: 87563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-4	GW012R-211	Dissolved	Water	Non-Digest Prep	
MB 410-87563/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-87563/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	
410-26001-4 MS	GW012R-211	Dissolved	Water	Non-Digest Prep	
410-26001-4 MSD	GW012R-211	Dissolved	Water	Non-Digest Prep	
410-26001-4 DU	GW012R-211	Dissolved	Water	Non-Digest Prep	

Analysis Batch: 87701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-4	GW012R-211	Total/NA	Water	6020A	87539
MB 410-87539/1-A	Method Blank	Total Recoverable	Water	6020A	87539
LCS 410-87539/2-A	Lab Control Sample	Total Recoverable	Water	6020A	87539
410-26001-4 MS	GW012R-211	Total/NA	Water	6020A	87539
410-26001-4 MSD	GW012R-211	Total/NA	Water	6020A	87539
410-26001-4 DU	GW012R-211	Total/NA	Water	6020A	87539

Analysis Batch: 87708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-4	GW012R-211	Dissolved	Water	6010C	87563
MB 410-87563/1-A	Method Blank	Total/NA	Water	6010C	87563
LCS 410-87563/2-A	Lab Control Sample	Total/NA	Water	6010C	87563
410-26001-4 MS	GW012R-211	Dissolved	Water	6010C	87563
410-26001-4 MSD	GW012R-211	Dissolved	Water	6010C	87563

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Metals (Continued)

Analysis Batch: 87708 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-4 DU	GW012R-211	Dissolved	Water	6010C	87563

General Chemistry

Analysis Batch: 84498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-1	GW009-211	Total/NA	Water	353.2	
410-26001-2	GW009-611	Total/NA	Water	353.2	
MB 410-84498/20	Method Blank	Total/NA	Water	353.2	
LCS 410-84498/21	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 84933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-1	GW009-211	Total/NA	Water	2320B-2011	
410-26001-2	GW009-611	Total/NA	Water	2320B-2011	
MB 410-84933/30	Method Blank	Total/NA	Water	2320B-2011	
LCS 410-84933/31	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 410-84933/32	Lab Control Sample Dup	Total/NA	Water	2320B-2011	

Analysis Batch: 85190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-4	GW012R-211	Total/NA	Water	353.2	
MB 410-85190/20	Method Blank	Total/NA	Water	353.2	
LCS 410-85190/21	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 85670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26001-4	GW012R-211	Total/NA	Water	2320B-2011	
MB 410-85670/30	Method Blank	Total/NA	Water	2320B-2011	
LCS 410-85670/31	Lab Control Sample	Total/NA	Water	2320B-2011	
410-26001-4 MS	GW012R-211	Total/NA	Water	2320B-2011	
410-26001-4 DU	GW012R-211	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Client Sample ID: GW009-211
Date Collected: 01/11/21 15:05
Date Received: 01/12/21 11:40

Lab Sample ID: 410-26001-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	85852	01/19/21 16:18	TQ4J	ELLE
Total/NA	Prep	8011			84637	01/14/21 03:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	85101	01/15/21 22:28	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	84263	01/13/21 14:23	GJ35	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		50	84263	01/13/21 14:41	GJ35	ELLE
Dissolved	Prep	Non-Digest Prep			84265	01/13/21 05:15	UJL8	ELLE
Dissolved	Analysis	6010C		1	85312	01/15/21 14:24	MDP5	ELLE
Total Recoverable	Prep	3005A			84246	01/13/21 02:31	UJL8	ELLE
Total Recoverable	Analysis	6010C		1	84478	01/13/21 11:42	MDP5	ELLE
Total/NA	Prep	3005A			84082	01/12/21 13:47	UJLA	ELLE
Total/NA	Analysis	6020A		1	84451	01/13/21 10:53	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84933	01/13/21 23:44	JB	ELLE
Total/NA	Analysis	353.2		2	84498	01/13/21 12:23	QU5I	ELLE

Client Sample ID: GW009-611
Date Collected: 01/11/21 15:05
Date Received: 01/12/21 11:40

Lab Sample ID: 410-26001-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	85852	01/19/21 16:40	TQ4J	ELLE
Total/NA	Prep	8011			84637	01/14/21 03:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	85101	01/15/21 22:45	AC3T	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	84263	01/13/21 14:59	GJ35	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		50	84263	01/13/21 15:18	GJ35	ELLE
Dissolved	Prep	Non-Digest Prep			84265	01/13/21 05:15	UJL8	ELLE
Dissolved	Analysis	6010C		1	85312	01/15/21 13:46	MDP5	ELLE
Total Recoverable	Prep	3005A			84246	01/13/21 02:31	UJL8	ELLE
Total Recoverable	Analysis	6010C		1	84478	01/13/21 11:52	MDP5	ELLE
Total/NA	Prep	3005A			84082	01/12/21 13:47	UJLA	ELLE
Total/NA	Analysis	6020A		1	84451	01/13/21 10:51	MG7H	ELLE
Total/NA	Analysis	2320B-2011		1	84933	01/13/21 23:37	JB	ELLE
Total/NA	Analysis	353.2		2	84498	01/13/21 12:24	QU5I	ELLE

Client Sample ID: TB211-23
Date Collected: 01/11/21 17:00
Date Received: 01/12/21 11:40

Lab Sample ID: 410-26001-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	85852	01/19/21 13:00	TQ4J	ELLE
Total/NA	Prep	8011			84637	01/14/21 03:59	UKQ8	ELLE
Total/NA	Analysis	8011		1	85101	01/15/21 23:02	AC3T	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Client Sample ID: GW012R-211

Date Collected: 01/11/21 12:25
Date Received: 01/12/21 11:40

Lab Sample ID: 410-26001-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	85852	01/19/21 15:34	TQ4J	ELLE
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 11:00	UAMZ	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	84643	01/14/21 21:20	GJ35	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		50	84643	01/14/21 22:11	GJ35	ELLE
Dissolved	Prep	Non-Digest Prep			87563	01/25/21 05:28	UJL8	ELLE
Dissolved	Analysis	6010C		1	87708	01/25/21 10:13	ULJC	ELLE
Total Recoverable	Prep	3005A			84583	01/13/21 20:02	UJL8	ELLE
Total Recoverable	Analysis	6010C		1	84790	01/14/21 09:21	MDP5	ELLE
Total/NA	Prep	3005A			87539	01/25/21 03:14	UJL8	ELLE
Total/NA	Analysis	6020A		1	87701	01/25/21 11:18	V5SW	ELLE
Total/NA	Analysis	2320B-2011		1	85670	01/15/21 21:38	JB	ELLE
Total/NA	Analysis	353.2		5	85190	01/15/21 07:43	MFV9	ELLE

Client Sample ID: ER211-01

Date Collected: 01/11/21 11:05
Date Received: 01/12/21 11:40

Lab Sample ID: 410-26001-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	85852	01/19/21 15:56	TQ4J	ELLE
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 11:17	UAMZ	ELLE
Total Recoverable	Prep	3005A			84583	01/13/21 20:02	UJL8	ELLE
Total Recoverable	Analysis	6010C		1	84790	01/14/21 09:18	MDP5	ELLE
Total/NA	Prep	3005A			84587	01/13/21 20:11	UJL8	ELLE
Total/NA	Analysis	6020A		1	84862	01/14/21 11:26	V5SW	ELLE

Client Sample ID: TB211-22

Date Collected: 01/11/21 17:00
Date Received: 01/12/21 11:40

Lab Sample ID: 410-26001-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	85852	01/19/21 13:22	TQ4J	ELLE
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 11:34	UAMZ	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26001-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	11-30-22

Method Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	ELLE
6010C	Metals (ICP)	SW846	ELLE
6020A	Metals (ICP/MS)	SW846	ELLE
2320B-2011	Alkalinity, Total	SM	ELLE
353.2	Nitrogen, Nitrate-Nitrite	MCAWW	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency
MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26001-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-26001-1	GW009-211	Water	01/11/21 15:05	01/12/21 11:40	
410-26001-2	GW009-611	Water	01/11/21 15:05	01/12/21 11:40	
410-26001-3	TB211-23	Water	01/11/21 17:00	01/12/21 11:40	
410-26001-4	GW012R-211	Water	01/11/21 12:25	01/12/21 11:40	
410-26001-5	ER211-01	Water	01/11/21 11:05	01/12/21 11:40	
410-26001-6	TB211-22	Water	01/11/21 17:00	01/12/21 11:40	

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

410-26001 Chain of Custody

JSTODY RECORD

COC NUMBER: COC-009-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO: Amanda Smith: asmith@eaest.com EA	YEAR: 2021
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate and Bicarbonate)	COMMENTS
1	GW009-211	1-11-2021	1505	10	–	3	–	2	1	1*	1	1	1	
2	GW009-611	1-11-2021	1505	10	–	3	–	2	1	1*	1	1	1	

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

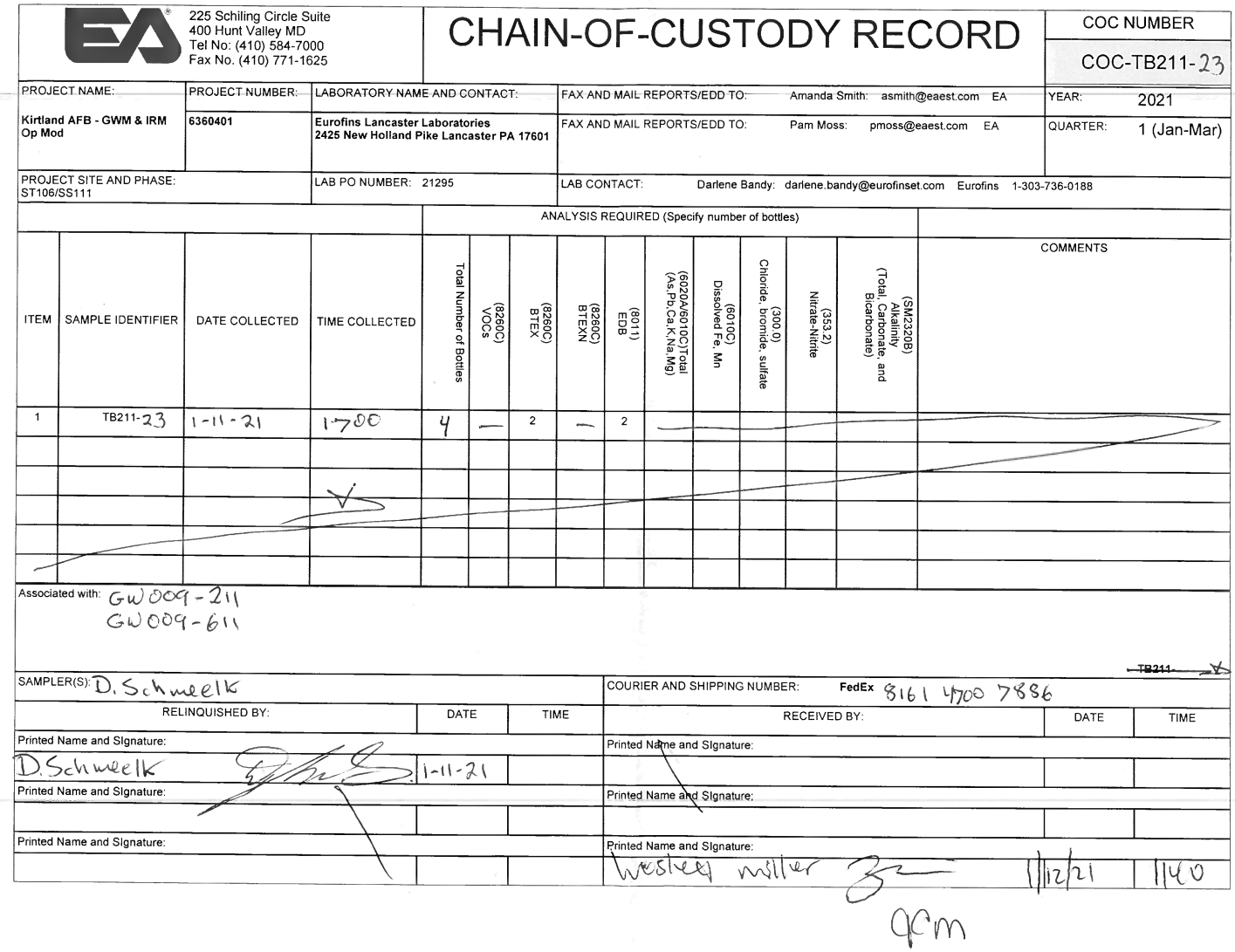
TB211-23

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7886

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-11-21		Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Westley Miller	1/14/21	1140

FM



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400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-23

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(6011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-23	1-11-21	1700	4	—	2	—	2						

Associated with: GW009-211
GW009-611

~~TB211~~

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7886

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-11-21		Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Westley Miller	1/12/21	1140

QCM

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400 Hunt Valley MD
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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-012R-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO: Amanda Smith: asmith@eaest.com EA	YEAR: 2021
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
														410-26001 Chain of Custody
1	GW012R-211	1-11-2021	1225	24	—	9	—	6	3	3*	1	1	1	Please see Comments for requested MS/MSD analyses

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

Please run MS/MSD on the following analytes only:
VOCs/BTEX/BTEXN, EDB, Total As and Pb, and dissolved Mn and Fe

TB211- 22

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7809

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-11-21	1830	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Britt	1/13/21	1115

JR

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Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-ER211-01

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111 | LAB PO NUMBER: 21295 | LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	ER211-01	1-11-21	1105	6	—	3	—	2	1					

Please add Fe and Mn to total metal analysis.
Pump Serial Number: 1807B-919
Associated with GW012R-211, and GW009-211, and GW009-611

TB211-22
~~TB211-0227~~

SAMPLER(S): D. Schmeelk
COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7809

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-11-21	1830	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Rutt	1/13/21	1115

JR.

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400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-22

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-22	1-11-2021	1700	4	—	2	—	2						

Associated with: GW012R211 GWER211-01

TB211-

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7809

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-11-21	1830	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reitz	1/13/21	1115

JR

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-26001-1

Login Number: 26001
List Number: 1
Creator: Colon Martinez, Jessenia C

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-26001-1

Login Number: 26001
List Number: 2
Creator: Rivera-Santa, Julissa

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-26145-1
Client Project/Site: Kirtland AFB - GWM & IRM Op Mod

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
1/26/2021 4:29:23 PM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy

Darlene Bandy
Project Manager I
1/26/2021 4:29:23 PM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Laboratory Job ID: 410-26145-1

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Eurofins Lancaster Laboratories Env, LLC
1/26/2021

Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-26145-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance limits.
M	Manual integrated compound.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26145-1

Job ID: 410-26145-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-26145-1

Receipt
The samples were received on 1/13/2021 9:23 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8011_DOD5: The continuing calibration verification (CCV) associated with batch 410-85101 recovered above the upper control limit for Ethylene Dibromide. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: TB211-24 (410-26145-1), GW097-211 (410-26145-2), GW013-211 (410-26145-3) and GW098-211 (410-26145-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26145-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: TB211-24 **Lab Sample ID: 410-26145-1**

No Detections.

Client Sample ID: GW097-211 **Lab Sample ID: 410-26145-2**

No Detections.

Client Sample ID: GW013-211 **Lab Sample ID: 410-26145-3**

No Detections.

Client Sample ID: GW098-211 **Lab Sample ID: 410-26145-4**

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26145-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: TB211-24
Lab Sample ID: 410-26145-1
Date Collected: 01/12/21 15:41
Matrix: Water
Date Received: 01/13/21 09:23

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/20/21 13:15	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/20/21 13:15	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/20/21 13:15	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/20/21 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*01/20/21 13:15*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*01/20/21 13:15*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/20/21 13:15*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/20/21 13:15*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U ^c	0.029	0.019	0.0096	ug/L		01/16/21 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*116*		*46 - 136*	*01/14/21 04:17*	*01/16/21 00:10*	*1*
1,1,2,2-Tetrachloroethane (2C)	*120*		*46 - 136*	*01/14/21 04:17*	*01/16/21 00:10*	*1*

Client Sample ID: GW097-211
Lab Sample ID: 410-26145-2
Date Collected: 01/12/21 14:10
Matrix: Water
Date Received: 01/13/21 09:23

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/20/21 14:21	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/20/21 14:21	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/20/21 14:21	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/20/21 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*01/20/21 14:21*	*1*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*		*01/20/21 14:21*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 119*		*01/20/21 14:21*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/20/21 14:21*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U ^c	0.029	0.019	0.0095	ug/L		01/16/21 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*114*	*M*	*46 - 136*	*01/14/21 04:17*	*01/16/21 00:27*	*1*
1,1,2,2-Tetrachloroethane (2C)	*118*		*46 - 136*	*01/14/21 04:17*	*01/16/21 00:27*	*1*

Client Sample ID: GW013-211
Lab Sample ID: 410-26145-3
Date Collected: 01/12/21 09:40
Matrix: Water
Date Received: 01/13/21 09:23

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/20/21 14:43	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/20/21 14:43	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26145-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW013-211
Lab Sample ID: 410-26145-3
Date Collected: 01/12/21 09:40
Matrix: Water
Date Received: 01/13/21 09:23

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/20/21 14:43	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/20/21 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*01/20/21 14:43*	*1*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*		*01/20/21 14:43*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/20/21 14:43*	*1*
Toluene-d8 (Surr)	*98*		*89 - 112*		*01/20/21 14:43*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U ^c	0.029	0.019	0.0096	ug/L		01/16/21 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*119*		*46 - 136*	*01/14/21 04:17*	*01/16/21 00:44*	*1*
1,1,2,2-Tetrachloroethane (2C)	*121*		*46 - 136*	*01/14/21 04:17*	*01/16/21 00:44*	*1*

Client Sample ID: GW098-211
Lab Sample ID: 410-26145-4
Date Collected: 01/12/21 12:30
Matrix: Water
Date Received: 01/13/21 09:23

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/20/21 15:05	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/20/21 15:05	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/20/21 15:05	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/20/21 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*01/20/21 15:05*	*1*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*		*01/20/21 15:05*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/20/21 15:05*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/20/21 15:05*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U ^c	0.029	0.019	0.0097	ug/L		01/16/21 01:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*115*		*46 - 136*	*01/14/21 04:17*	*01/16/21 01:01*	*1*
1,1,2,2-Tetrachloroethane (2C)	*118*		*46 - 136*	*01/14/21 04:17*	*01/16/21 01:01*	*1*

Surrogate Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26145-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(81-118)	(85-114)	(80-119)	(89-112)
410-26145-1	TB211-24	102	97	103	97
410-26145-2	GW097-211	103	98	104	97
410-26145-3	GW013-211	102	98	103	98
410-26145-4	GW098-211	103	98	103	97
LCS 410-86241/5	Lab Control Sample	103	99	104	97
LCSD 410-86241/7	Lab Control Sample Dup	103	99	104	97
MB 410-86241/9	Method Blank	102	98	103	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(46-136)	(46-136)
410-26145-1	TB211-24	116	120
410-26145-2	GW097-211	114 M	118
410-26145-3	GW013-211	119	121
410-26145-4	GW098-211	115	118
LCS 410-84638/2-A	Lab Control Sample	102	101
LCSD 410-84638/3-A	Lab Control Sample Dup	114	108
MB 410-84638/1-A	Method Blank	104	101

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26145-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-86241/9
Matrix: Water
Analysis Batch: 86241

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/20/21 11:43	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/20/21 11:43	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/20/21 11:43	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/20/21 11:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*01/20/21 11:43*	*1*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*		*01/20/21 11:43*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/20/21 11:43*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/20/21 11:43*	*1*

Lab Sample ID: LCS 410-86241/5
Matrix: Water
Analysis Batch: 86241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	21.1		ug/L		106	42 - 138
Ethylbenzene	20.0	19.7		ug/L		99	79 - 121
Toluene	20.0	19.6		ug/L		98	80 - 121
Xylenes, Total	60.0	58.2		ug/L		97	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*
4-Bromofluorobenzene (Surr)	*99*		*85 - 114*
Dibromofluoromethane (Surr)	*104*		*80 - 119*
Toluene-d8 (Surr)	*97*		*89 - 112*

Lab Sample ID: LCSD 410-86241/7
Matrix: Water
Analysis Batch: 86241

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	20.0	21.1		ug/L		105	42 - 138	0	20
Ethylbenzene	20.0	19.7		ug/L		99	79 - 121	0	20
Toluene	20.0	19.8		ug/L		99	80 - 121	1	20
Xylenes, Total	60.0	58.3		ug/L		97	79 - 121	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*
4-Bromofluorobenzene (Surr)	*99*		*85 - 114*
Dibromofluoromethane (Surr)	*104*		*80 - 119*
Toluene-d8 (Surr)	*97*		*89 - 112*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26145-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-84638/1-A
Matrix: Water
Analysis Batch: 85101

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84638

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/15/21 09:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*104*		*46 - 136*	*01/14/21 04:17*	*01/15/21 09:42*	*1*
1,1,2,2-Tetrachloroethane (2C)	*101*		*46 - 136*	*01/14/21 04:17*	*01/15/21 09:42*	*1*

Lab Sample ID: LCS 410-84638/2-A
Matrix: Water
Analysis Batch: 85101

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84638

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide (1C)			0.128	0.142		ug/L		111	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*102*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*101*		*46 - 136*

Lab Sample ID: LCSD 410-84638/3-A
Matrix: Water
Analysis Batch: 85101

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 84638

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.147		ug/L		115	60 - 140	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*114*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*108*		*46 - 136*

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26145-1

GC/MS VOA

Analysis Batch: 86241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26145-1	TB211-24	Total/NA	Water	8260C DOD	
410-26145-2	GW097-211	Total/NA	Water	8260C DOD	
410-26145-3	GW013-211	Total/NA	Water	8260C DOD	
410-26145-4	GW098-211	Total/NA	Water	8260C DOD	
MB 410-86241/9	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-86241/5	Lab Control Sample	Total/NA	Water	8260C DOD	
LCSD 410-86241/7	Lab Control Sample Dup	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 84638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26145-1	TB211-24	Total/NA	Water	8011	
410-26145-2	GW097-211	Total/NA	Water	8011	
410-26145-3	GW013-211	Total/NA	Water	8011	
410-26145-4	GW098-211	Total/NA	Water	8011	
MB 410-84638/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-84638/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-84638/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 85101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26145-1	TB211-24	Total/NA	Water	8011	84638
410-26145-2	GW097-211	Total/NA	Water	8011	84638
410-26145-3	GW013-211	Total/NA	Water	8011	84638
410-26145-4	GW098-211	Total/NA	Water	8011	84638
MB 410-84638/1-A	Method Blank	Total/NA	Water	8011	84638
LCS 410-84638/2-A	Lab Control Sample	Total/NA	Water	8011	84638
LCSD 410-84638/3-A	Lab Control Sample Dup	Total/NA	Water	8011	84638

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26145-1

Client Sample ID: TB211-24
Date Collected: 01/12/21 15:41
Date Received: 01/13/21 09:23

Lab Sample ID: 410-26145-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86241	01/20/21 13:15	TQ4J	ELLE
Total/NA	Prep	8011			84638	01/14/21 04:17	UKQ8	ELLE
Total/NA	Analysis	8011		1	85101	01/16/21 00:10	AC3T	ELLE

Client Sample ID: GW097-211
Date Collected: 01/12/21 14:10
Date Received: 01/13/21 09:23

Lab Sample ID: 410-26145-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86241	01/20/21 14:21	TQ4J	ELLE
Total/NA	Prep	8011			84638	01/14/21 04:17	UKQ8	ELLE
Total/NA	Analysis	8011		1	85101	01/16/21 00:27	AC3T	ELLE

Client Sample ID: GW013-211
Date Collected: 01/12/21 09:40
Date Received: 01/13/21 09:23

Lab Sample ID: 410-26145-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86241	01/20/21 14:43	TQ4J	ELLE
Total/NA	Prep	8011			84638	01/14/21 04:17	UKQ8	ELLE
Total/NA	Analysis	8011		1	85101	01/16/21 00:44	AC3T	ELLE

Client Sample ID: GW098-211
Date Collected: 01/12/21 12:30
Date Received: 01/13/21 09:23

Lab Sample ID: 410-26145-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86241	01/20/21 15:05	TQ4J	ELLE
Total/NA	Prep	8011			84638	01/14/21 04:17	UKQ8	ELLE
Total/NA	Analysis	8011		1	85101	01/16/21 01:01	AC3T	ELLE

Laboratory References:
ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26145-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	01-31-21

Method Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26145-1

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26145-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-26145-1	TB211-24	Water	01/12/21 15:41	01/13/21 09:23	
410-26145-2	GW097-211	Water	01/12/21 14:10	01/13/21 09:23	
410-26145-3	GW013-211	Water	01/12/21 09:40	01/13/21 09:23	
410-26145-4	GW098-211	Water	01/12/21 12:30	01/13/21 09:23	

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-[barcode] ORD

410-26145 Chain of Custody

COC NUMBER: COC-TB211-24

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-24	~~1541~~ 1-12-21	1541	4	—	2	—	2						

Associated with: GW013-211
GW097-211
GW098-211

~~TB211~~

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 816147007783

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-12-21	1630	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reist	1/13/21	1113

jem

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-097-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate and Bicarbonate)	COMMENTS
1	GW097-211	1-12-21	1410	5	–	3	–	2						

pump: 180 78 - 919

TB211-24

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7783

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-12-21	16.30	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reiff	1/13/21	1113

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-013-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	Chloride, bromide, sulfate (300.0)	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW013-211	1-12-21	0940	5	-	3	-	2						

pump: 1807B-919

TB211- 24

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7783

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-12-21	1630	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Rutt	1/13/21	1113

pm

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-098-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111 | LAB PO NUMBER: 21295 | LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW098-211	1-12-21	1230	5	–	3	–	2						

pump: 18078-919

TB211- 24

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7783

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-12-21	1630	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Rutt	1/13/21	1113

pm

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-26145-1

Login Number: 26145
List Number: 1
Creator: Reiff, Nicole L

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-26381-1
Client Project/Site: Kirtland AFB - GWM & IRM Op Mod

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
1/26/2021 5:00:36 PM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy

Darlene Bandy
Project Manager I
1/26/2021 5:00:36 PM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Laboratory Job ID: 410-26381-1

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-26381-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance limits.
M	Manual integrated compound.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26381-1

Job ID: 410-26381-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-26381-1

Receipt
The samples were received on 1/14/2021 11:02 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.1°C and 0.5°C

Receipt Exceptions
One or more containers for the following samples were received broken or leaking:
GW101-211 1OF5 broken

One or more containers for the following sample(s) was received broken or leaking: GW101-211 - (1) 40-mL HCl vial

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8011: The software does not display the % Drift data to the whole number as is listed in the method (i.e. limit of 20 %). When applying the evaluation to whole number, the check passes the criteria with a value of 20 % Drift. for 1,1,2,2-Tetrachloroethane.
The associated samples are: GW099-211 (410-26381-1), GW100-211 (410-26381-2), TB211-25 (410-26381-3) and GW004-211 (410-26381-4).

Method 8011: The continuing calibration verification (CCV) associated with batch 410-86687 recovered above the upper control limit for Ethylene Dibromide. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: GW101-211 (410-26381-5), GW101-611 (410-26381-6) and TB211-26 (410-26381-7).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26381-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW099-211 **Lab Sample ID: 410-26381-1**

No Detections.

Client Sample ID: GW100-211 **Lab Sample ID: 410-26381-2**

No Detections.

Client Sample ID: TB211-25 **Lab Sample ID: 410-26381-3**

No Detections.

Client Sample ID: GW004-211 **Lab Sample ID: 410-26381-4**

No Detections.

Client Sample ID: GW101-211 **Lab Sample ID: 410-26381-5**

No Detections.

Client Sample ID: GW101-611 **Lab Sample ID: 410-26381-6**

No Detections.

Client Sample ID: TB211-26 **Lab Sample ID: 410-26381-7**

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26381-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW099-211
Lab Sample ID: 410-26381-1
Date Collected: 01/13/21 12:30
Matrix: Water
Date Received: 01/14/21 11:02

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 15:45	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 15:45	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 15:45	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*81 - 118*		*01/21/21 15:45*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/21/21 15:45*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 119*		*01/21/21 15:45*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/21/21 15:45*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/21/21 23:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*71*	*M ^c*	*46 - 136*	*01/20/21 23:34*	*01/21/21 23:11*	*1*
1,1,2,2-Tetrachloroethane (2C)	*104*		*46 - 136*	*01/20/21 23:34*	*01/21/21 23:11*	*1*

Client Sample ID: GW100-211
Lab Sample ID: 410-26381-2
Date Collected: 01/13/21 10:55
Matrix: Water
Date Received: 01/14/21 11:02

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 16:07	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 16:07	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 16:07	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*01/21/21 16:07*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*01/21/21 16:07*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 119*		*01/21/21 16:07*	*1*
Toluene-d8 (Surr)	*98*		*89 - 112*		*01/21/21 16:07*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/21/21 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*74*	*^c M*	*46 - 136*	*01/20/21 23:34*	*01/21/21 23:27*	*1*
1,1,2,2-Tetrachloroethane (2C)	*99*		*46 - 136*	*01/20/21 23:34*	*01/21/21 23:27*	*1*

Client Sample ID: TB211-25
Lab Sample ID: 410-26381-3
Date Collected: 01/13/21 14:00
Matrix: Water
Date Received: 01/14/21 11:02

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 13:10	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 13:10	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26381-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: TB211-25
Lab Sample ID: 410-26381-3
Date Collected: 01/13/21 14:00
Matrix: Water
Date Received: 01/14/21 11:02

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 13:10	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*01/21/21 13:10*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*01/21/21 13:10*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/21/21 13:10*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/21/21 13:10*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0095	ug/L		01/21/21 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*76*	*^c*	*46 - 136*	*01/20/21 23:34*	*01/21/21 23:44*	*1*
1,1,2,2-Tetrachloroethane (2C)	*95*		*46 - 136*	*01/20/21 23:34*	*01/21/21 23:44*	*1*

Client Sample ID: GW004-211
Lab Sample ID: 410-26381-4
Date Collected: 01/13/21 08:50
Matrix: Water
Date Received: 01/14/21 11:02

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 16:29	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 16:29	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 16:29	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*01/21/21 16:29*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*01/21/21 16:29*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/21/21 16:29*	*1*
Toluene-d8 (Surr)	*98*		*89 - 112*		*01/21/21 16:29*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/22/21 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*76*	*^c M*	*46 - 136*	*01/20/21 23:34*	*01/22/21 00:01*	*1*
1,1,2,2-Tetrachloroethane (2C)	*108*		*46 - 136*	*01/20/21 23:34*	*01/22/21 00:01*	*1*

Client Sample ID: GW101-211
Lab Sample ID: 410-26381-5
Date Collected: 01/13/21 14:20
Matrix: Water
Date Received: 01/14/21 11:02

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 16:51	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 16:51	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 16:51	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 16:51	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26381-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW101-211
Lab Sample ID: 410-26381-5
Date Collected: 01/13/21 14:20
Matrix: Water
Date Received: 01/14/21 11:02

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*01/21/21 16:51*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*01/21/21 16:51*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 119*		*01/21/21 16:51*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*01/21/21 16:51*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U M	0.029	0.019	0.0096	ug/L		01/21/21 10:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*99*		*46 - 136*	*01/20/21 23:40*	*01/21/21 10:02*	*1*
1,1,2,2-Tetrachloroethane (2C)	*102*		*46 - 136*	*01/20/21 23:40*	*01/21/21 10:02*	*1*

Client Sample ID: GW101-611
Lab Sample ID: 410-26381-6
Date Collected: 01/13/21 14:20
Matrix: Water
Date Received: 01/14/21 11:02

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 17:13	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 17:13	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 17:13	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*01/21/21 17:13*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/21/21 17:13*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 119*		*01/21/21 17:13*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/21/21 17:13*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/21/21 10:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*93*		*46 - 136*	*01/20/21 23:40*	*01/21/21 10:19*	*1*
1,1,2,2-Tetrachloroethane (2C)	*98*		*46 - 136*	*01/20/21 23:40*	*01/21/21 10:19*	*1*

Client Sample ID: TB211-26
Lab Sample ID: 410-26381-7
Date Collected: 01/13/21 14:00
Matrix: Water
Date Received: 01/14/21 11:02

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 13:33	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 13:33	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 13:33	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*81 - 118*		*01/21/21 13:33*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*01/21/21 13:33*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26381-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: TB211-26
Lab Sample ID: 410-26381-7
Date Collected: 01/13/21 14:00
Matrix: Water
Date Received: 01/14/21 11:02

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/21/21 13:33*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/21/21 13:33*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/21/21 10:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*78*		*46 - 136*	*01/20/21 23:40*	*01/21/21 10:36*	*1*
1,1,2,2-Tetrachloroethane (2C)	*96*		*46 - 136*	*01/20/21 23:40*	*01/21/21 10:36*	*1*

Surrogate Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26381-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (81-118)	BFB (85-114)	DBFM (80-119)	TOL (89-112)
410-26381-1	GW099-211	106	96	104	97
410-26381-2	GW100-211	102	97	104	98
410-26381-3	TB211-25	101	97	103	97
410-26381-4	GW004-211	101	97	103	98
410-26381-5	GW101-211	104	95	104	96
410-26381-6	GW101-611	103	96	104	97
410-26381-7	TB211-26	106	95	103	97
LCS 410-86695/5	Lab Control Sample	102	98	103	99
MB 410-86695/7	Method Blank	100	96	103	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1122TCA1 (46-136)	1122TCA2 (46-136)
410-26381-1	GW099-211	71 M ^c	104
410-26381-2	GW100-211	74 ^c M	99
410-26381-3	TB211-25	76 ^c	95
410-26381-4	GW004-211	76 ^c M	108
410-26381-5	GW101-211	99	102
410-26381-6	GW101-611	93	98
410-26381-7	TB211-26	78	96
LCS 410-86618/2-A	Lab Control Sample	78	96
LCS 410-86622/2-A	Lab Control Sample	95	106
LCSD 410-86618/3-A	Lab Control Sample Dup	73	90
LCSD 410-86622/3-A	Lab Control Sample Dup	93	106
MB 410-86618/1-A	Method Blank	76	93
MB 410-86622/1-A	Method Blank	93	106

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26381-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-86695/7
Matrix: Water
Analysis Batch: 86695

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 10:27	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 10:27	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 10:27	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 10:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*		*01/21/21 10:27*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/21/21 10:27*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/21/21 10:27*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/21/21 10:27*	*1*

Lab Sample ID: LCS 410-86695/5
Matrix: Water
Analysis Batch: 86695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	21.2		ug/L		106	42 - 138
Ethylbenzene	20.0	19.9		ug/L		99	79 - 121
Toluene	20.0	19.9		ug/L		100	80 - 121
Xylenes, Total	60.0	58.1		ug/L		97	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*
Dibromofluoromethane (Surr)	*103*		*80 - 119*
Toluene-d8 (Surr)	*99*		*89 - 112*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-86618/1-A
Matrix: Water
Analysis Batch: 86687

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86618

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/21/21 16:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*76*		*46 - 136*	*01/20/21 23:34*	*01/21/21 16:44*	*1*
1,1,2,2-Tetrachloroethane (2C)	*93*		*46 - 136*	*01/20/21 23:34*	*01/21/21 16:44*	*1*

Lab Sample ID: LCS 410-86618/2-A
Matrix: Water
Analysis Batch: 86687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86618

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.128	0.0951		ug/L		74	60 - 140

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26381-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 410-86618/2-A
Matrix: Water
Analysis Batch: 86687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86618

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,1,2,2-Tetrachloroethane (1C)	*78*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*96*		*46 - 136*

Lab Sample ID: LCSD 410-86618/3-A
Matrix: Water
Analysis Batch: 86687

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86618

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.0893	M	ug/L		70	60 - 140	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,1,2,2-Tetrachloroethane (1C)	*73*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*90*		*46 - 136*

Lab Sample ID: MB 410-86622/1-A
Matrix: Water
Analysis Batch: 86687

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86622

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/21/21 09:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	*93*		*46 - 136*	*01/20/21 23:40*	*01/21/21 09:12*	*1*
1,1,2,2-Tetrachloroethane (2C)	*106*		*46 - 136*	*01/20/21 23:40*	*01/21/21 09:12*	*1*

Lab Sample ID: LCS 410-86622/2-A
Matrix: Water
Analysis Batch: 86687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86622

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)			0.128	0.132		ug/L		103	60 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,1,2,2-Tetrachloroethane (1C)	*95*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*106*		*46 - 136*

Lab Sample ID: LCSD 410-86622/3-A
Matrix: Water
Analysis Batch: 86687

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86622

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.135		ug/L		106	60 - 140	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,1,2,2-Tetrachloroethane (1C)	*93*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*106*		*46 - 136*

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26381-1

GC/MS VOA

Analysis Batch: 86695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26381-1	GW099-211	Total/NA	Water	8260C DOD	
410-26381-2	GW100-211	Total/NA	Water	8260C DOD	
410-26381-3	TB211-25	Total/NA	Water	8260C DOD	
410-26381-4	GW004-211	Total/NA	Water	8260C DOD	
410-26381-5	GW101-211	Total/NA	Water	8260C DOD	
410-26381-6	GW101-611	Total/NA	Water	8260C DOD	
410-26381-7	TB211-26	Total/NA	Water	8260C DOD	
MB 410-86695/7	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-86695/5	Lab Control Sample	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 86618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26381-1	GW099-211	Total/NA	Water	8011	
410-26381-2	GW100-211	Total/NA	Water	8011	
410-26381-3	TB211-25	Total/NA	Water	8011	
410-26381-4	GW004-211	Total/NA	Water	8011	
MB 410-86618/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-86618/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-86618/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Prep Batch: 86622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26381-5	GW101-211	Total/NA	Water	8011	
410-26381-6	GW101-611	Total/NA	Water	8011	
410-26381-7	TB211-26	Total/NA	Water	8011	
MB 410-86622/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-86622/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-86622/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 86687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26381-1	GW099-211	Total/NA	Water	8011	86618
410-26381-2	GW100-211	Total/NA	Water	8011	86618
410-26381-3	TB211-25	Total/NA	Water	8011	86618
410-26381-4	GW004-211	Total/NA	Water	8011	86618
410-26381-5	GW101-211	Total/NA	Water	8011	86622
410-26381-6	GW101-611	Total/NA	Water	8011	86622
410-26381-7	TB211-26	Total/NA	Water	8011	86622
MB 410-86618/1-A	Method Blank	Total/NA	Water	8011	86618
MB 410-86622/1-A	Method Blank	Total/NA	Water	8011	86622
LCS 410-86618/2-A	Lab Control Sample	Total/NA	Water	8011	86618
LCS 410-86622/2-A	Lab Control Sample	Total/NA	Water	8011	86622
LCSD 410-86618/3-A	Lab Control Sample Dup	Total/NA	Water	8011	86618
LCSD 410-86622/3-A	Lab Control Sample Dup	Total/NA	Water	8011	86622

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26381-1

Client Sample ID: GW099-211
Date Collected: 01/13/21 12:30
Date Received: 01/14/21 11:02

Lab Sample ID: 410-26381-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86695	01/21/21 15:45	TQ4J	ELLE
Total/NA	Prep	8011			86618	01/20/21 23:34	UKQ8	ELLE
Total/NA	Analysis	8011		1	86687	01/21/21 23:11	AC3T	ELLE

Client Sample ID: GW100-211
Date Collected: 01/13/21 10:55
Date Received: 01/14/21 11:02

Lab Sample ID: 410-26381-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86695	01/21/21 16:07	TQ4J	ELLE
Total/NA	Prep	8011			86618	01/20/21 23:34	UKQ8	ELLE
Total/NA	Analysis	8011		1	86687	01/21/21 23:27	AC3T	ELLE

Client Sample ID: TB211-25
Date Collected: 01/13/21 14:00
Date Received: 01/14/21 11:02

Lab Sample ID: 410-26381-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86695	01/21/21 13:10	TQ4J	ELLE
Total/NA	Prep	8011			86618	01/20/21 23:34	UKQ8	ELLE
Total/NA	Analysis	8011		1	86687	01/21/21 23:44	AC3T	ELLE

Client Sample ID: GW004-211
Date Collected: 01/13/21 08:50
Date Received: 01/14/21 11:02

Lab Sample ID: 410-26381-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86695	01/21/21 16:29	TQ4J	ELLE
Total/NA	Prep	8011			86618	01/20/21 23:34	UKQ8	ELLE
Total/NA	Analysis	8011		1	86687	01/22/21 00:01	AC3T	ELLE

Client Sample ID: GW101-211
Date Collected: 01/13/21 14:20
Date Received: 01/14/21 11:02

Lab Sample ID: 410-26381-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86695	01/21/21 16:51	TQ4J	ELLE
Total/NA	Prep	8011			86622	01/20/21 23:40	UKQ8	ELLE
Total/NA	Analysis	8011		1	86687	01/21/21 10:02	AC3T	ELLE

Client Sample ID: GW101-611
Date Collected: 01/13/21 14:20
Date Received: 01/14/21 11:02

Lab Sample ID: 410-26381-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86695	01/21/21 17:13	TQ4J	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: EA Engineering, Science, and Technology
Job ID: 410-26381-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW101-611
Lab Sample ID: 410-26381-6
Date Collected: 01/13/21 14:20
Matrix: Water
Date Received: 01/14/21 11:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			86622	01/20/21 23:40	UKQ8	ELLE
Total/NA	Analysis	8011		1	86687	01/21/21 10:19	AC3T	ELLE

Client Sample ID: TB211-26
Lab Sample ID: 410-26381-7
Date Collected: 01/13/21 14:00
Matrix: Water
Date Received: 01/14/21 11:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86695	01/21/21 13:33	TQ4J	ELLE
Total/NA	Prep	8011			86622	01/20/21 23:40	UKQ8	ELLE
Total/NA	Analysis	8011		1	86687	01/21/21 10:36	AC3T	ELLE

Laboratory References:
ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26381-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	01-31-21

Method Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26381-1

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

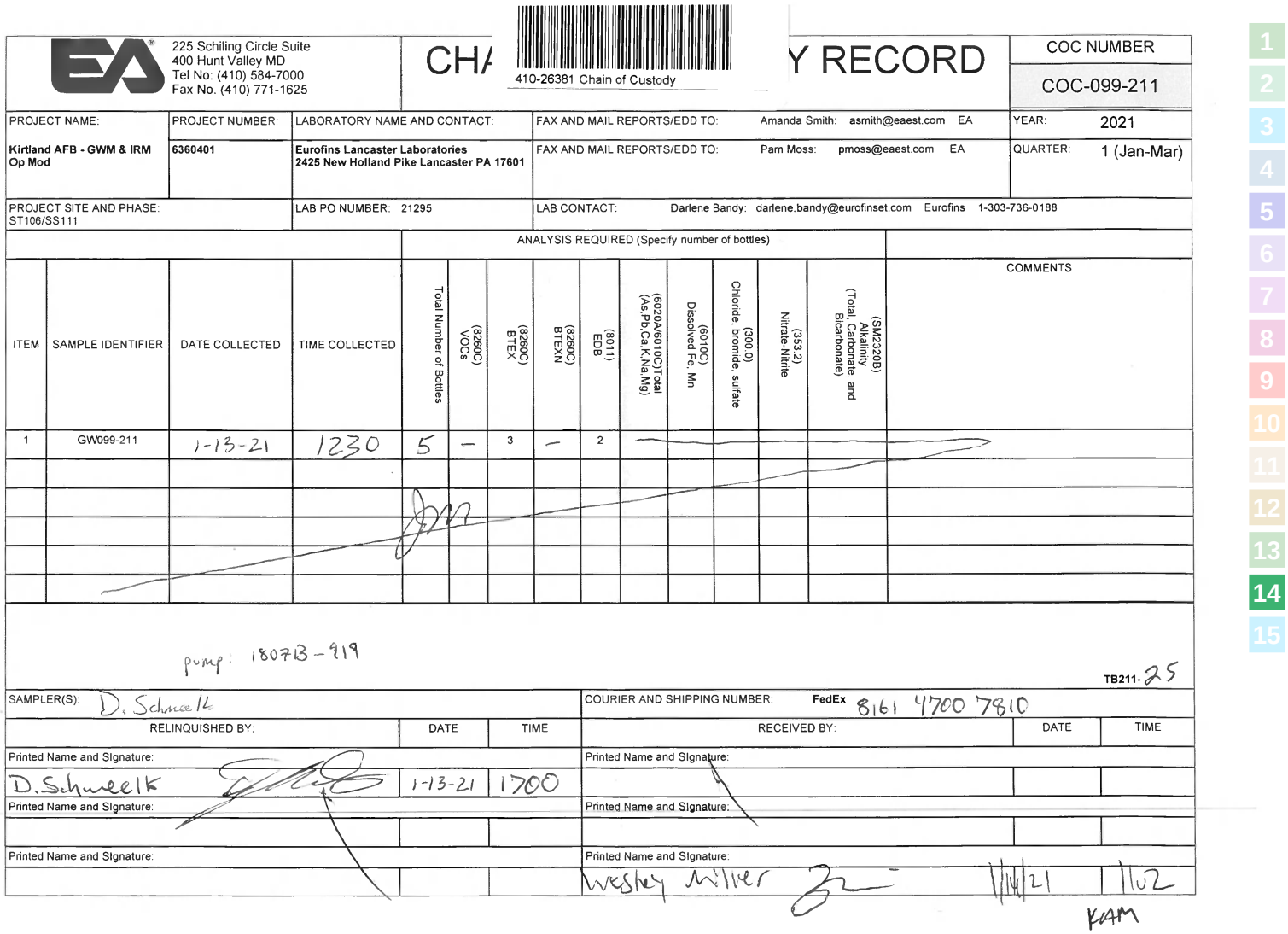
ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26381-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-26381-1	GW099-211	Water	01/13/21 12:30	01/14/21 11:02	
410-26381-2	GW100-211	Water	01/13/21 10:55	01/14/21 11:02	
410-26381-3	TB211-25	Water	01/13/21 14:00	01/14/21 11:02	
410-26381-4	GW004-211	Water	01/13/21 08:50	01/14/21 11:02	
410-26381-5	GW101-211	Water	01/13/21 14:20	01/14/21 11:02	
410-26381-6	GW101-611	Water	01/13/21 14:20	01/14/21 11:02	
410-26381-7	TB211-26	Water	01/13/21 14:00	01/14/21 11:02	



225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

410-26381 Chain of Custody

CHA Y RECORD

COC NUMBER: COC-099-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW099-211	1-13-21	1230	5	–	3	–	2						

pump: 18073-919

TB211-25

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7810

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-13-21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/14/21	1102

JR

KAM

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-100-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW100-211	1-13-21	1055	5	–	3	–	2						

pump: 180713-919

TB211- 25

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7810

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-13-21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/14/21	1102

JR

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Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-25

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-25	1-13-2021	1400	4	—	2	—	2						

Associated with: GW099-211
GW100-211

~~TB211-~~

SAMPLER(S): D. Schweelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7810

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schweelk	1-13-21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/14/21	1102

JR

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Fax No. (410) 771-1625

CHAIN OF CUSTODY RECORD

410-26381 Chain of Custody

COC NUMBER: COC-004-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA	2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295		LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW004-211	1-13-21	0850	5	–	3	–	2						

pump: 18078-919

TB211-26

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7820

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
Dschmeelk	1-13-21	1700			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Wesley Miller	1/15/21	1123

JR

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Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-101-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW101-211	1-13-21	1420	5	–	3	–	2						
2	GW101-611	1-13-21	1420	5	–	3	–	2						

pump: 180718 – 919

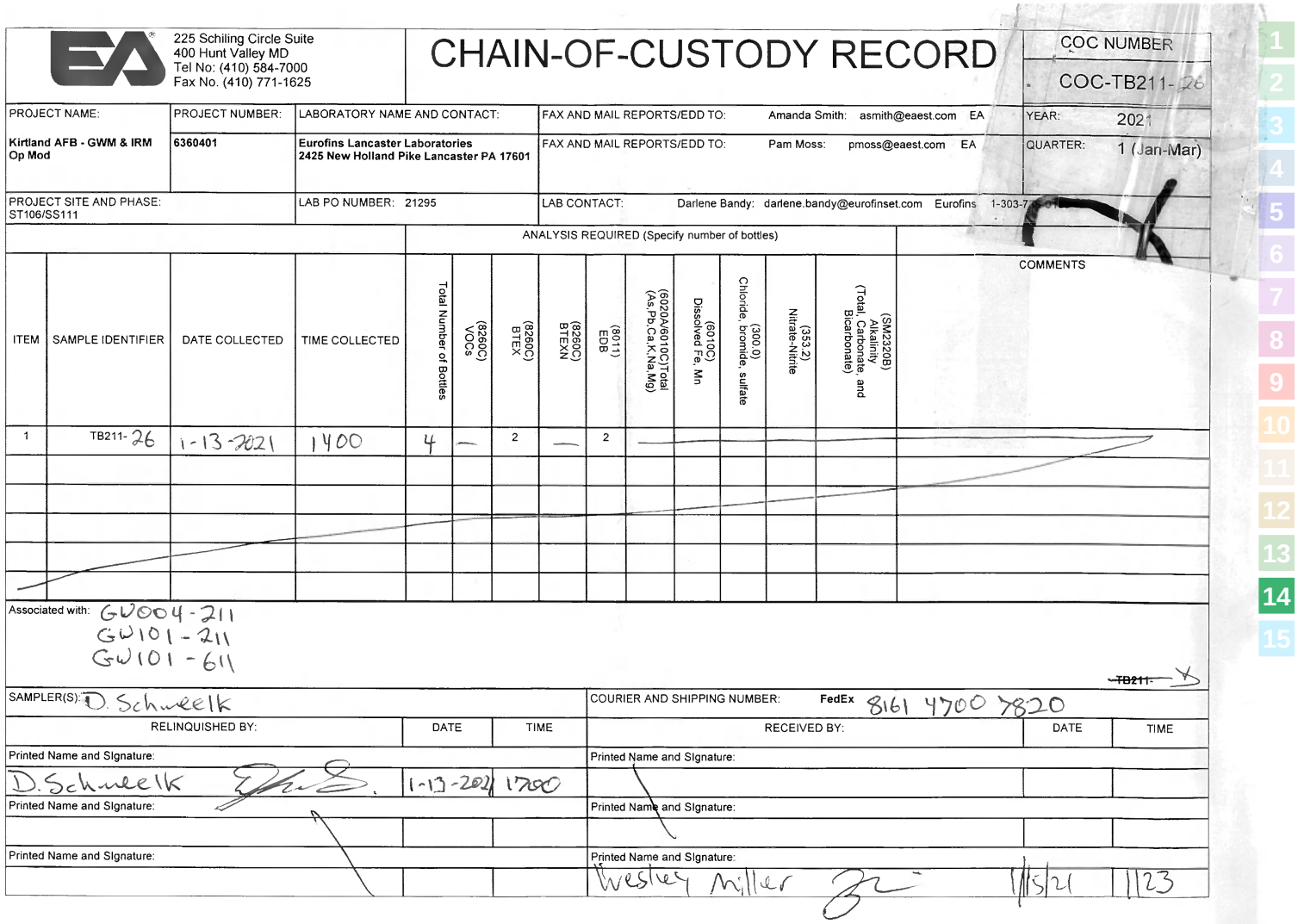
TB211- 26

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7820

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-13-21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/15/21	1123

JR



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400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-26

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-7		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate and Bicarbonate)	COMMENTS
1	TB211-26	1-13-2021	1400	4	—	2	—	2						

Associated with: GW004-211
GW101-211
GW101-611

~~TB211-~~ X

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7820

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-13-2021	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/15/21	1123

JR

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-26381-1

Login Number: 26381
List Number: 1
Creator: Rivera-Santa, Julissa

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-26381-1

Login Number: 26381
List Number: 2
Creator: Rivera-Santa, Julissa

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-26637-1
Client Project/Site: Kirtland AFB - GWM & IRM Op Mod
Revision: 1

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
2/3/2021 1:58:44 PM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

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LINKS

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Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
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Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy

Darlene Bandy
Project Manager I
2/3/2021 1:58:44 PM

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-26637-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
M	Manual integrated compound.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance limits.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26637-1

Job ID: 410-26637-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-26637-1

REVISION - 2/3/2021
The report being provided is a revision of the original report sent on 1/27/2021. The report (revision 1) is being revised due to Client ID for sample 410-26637-1 was corrected from GW003-221, as originally logged, to GW003-211, as listed on the COC. Please note that the sample ID may still appear as GW003-221 in the raw data.

Receipt
The samples were received on 1/15/2021 11:04 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.3°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8011_DOD5: The continuing calibration verification (CCV) associated with batch 410-86687 recovered above the upper control limit for Ethylene Dibromide and 1,1,2,2-Tetrachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: SWB211-02 (410-26637-4) and TB211-27 (410-26637-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26637-1

Client Sample ID: GW003-211 — Lab Sample ID: 410-26637-1

No Detections.

Client Sample ID: GW102-211 — Lab Sample ID: 410-26637-2

No Detections.

Client Sample ID: SWB211-01 — Lab Sample ID: 410-26637-3

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.22	J	0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable

Client Sample ID: SWB211-02 — Lab Sample ID: 410-26637-4

No Detections.

Client Sample ID: TB211-27 — Lab Sample ID: 410-26637-5

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26637-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW003-211
Lab Sample ID: 410-26637-1
Date Collected: 01/14/21 10:38
Matrix: Water
Date Received: 01/15/21 11:04

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/25/21 16:59	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/25/21 16:59	1
Toluene	0.50	U M	1.0	0.50	0.20	ug/L		01/25/21 16:59	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/25/21 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*01/25/21 16:59*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/25/21 16:59*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 119*		*01/25/21 16:59*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/25/21 16:59*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0095	ug/L		01/21/21 11:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*105*		*46 - 136*	*01/20/21 23:40*	*01/21/21 11:09*	*1*
1,1,2,2-Tetrachloroethane (2C)	*123*		*46 - 136*	*01/20/21 23:40*	*01/21/21 11:09*	*1*

Client Sample ID: GW102-211
Lab Sample ID: 410-26637-2
Date Collected: 01/14/21 08:35
Matrix: Water
Date Received: 01/15/21 11:04

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/25/21 17:21	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/25/21 17:21	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/25/21 17:21	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/25/21 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*01/25/21 17:21*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/25/21 17:21*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 119*		*01/25/21 17:21*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/25/21 17:21*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/21/21 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*94*		*46 - 136*	*01/20/21 23:40*	*01/21/21 11:26*	*1*
1,1,2,2-Tetrachloroethane (2C)	*112*		*46 - 136*	*01/20/21 23:40*	*01/21/21 11:26*	*1*

Client Sample ID: SWB211-01
Lab Sample ID: 410-26637-3
Date Collected: 01/14/21 13:01
Matrix: Water
Date Received: 01/15/21 11:04

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/25/21 17:43	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/25/21 17:43	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26637-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: SWB211-01
Lab Sample ID: 410-26637-3
Date Collected: 01/14/21 13:01
Matrix: Water
Date Received: 01/15/21 11:04

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/25/21 17:43	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/25/21 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*81 - 118*		*01/25/21 17:43*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*01/25/21 17:43*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 119*		*01/25/21 17:43*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*01/25/21 17:43*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/21/21 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*91*		*46 - 136*	*01/20/21 23:40*	*01/21/21 11:43*	*1*
1,1,2,2-Tetrachloroethane (2C)	*106*		*46 - 136*	*01/20/21 23:40*	*01/21/21 11:43*	*1*

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	0.15	U	0.20	0.15	0.096	mg/L		01/22/21 13:39	1
Magnesium	0.075	U	0.10	0.075	0.040	mg/L		01/22/21 13:39	1
Potassium	**0.22**	**J**	0.50	0.45	0.20	mg/L		01/22/21 13:39	1
Sodium	0.50	U	1.0	0.50	0.24	mg/L		01/22/21 13:39	1
Iron	0.10	U	0.20	0.10	0.040	mg/L		01/22/21 13:39	1
Manganese	0.0050	U	0.010	0.0050	0.0030	mg/L		01/22/21 13:39	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/19/21 15:29	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/19/21 15:29	1

Client Sample ID: SWB211-02
Lab Sample ID: 410-26637-4
Date Collected: 01/14/21 13:06
Matrix: Water
Date Received: 01/15/21 11:04

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/25/21 18:05	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/25/21 18:05	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/25/21 18:05	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/25/21 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*81 - 118*		*01/25/21 18:05*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/25/21 18:05*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 119*		*01/25/21 18:05*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/25/21 18:05*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U ^c	0.029	0.019	0.0096	ug/L		01/21/21 12:16	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26637-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: SWB211-02
Lab Sample ID: 410-26637-4
Date Collected: 01/14/21 13:06
Matrix: Water
Date Received: 01/15/21 11:04

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	*100*	*^c*	*46 - 136*	*01/20/21 23:40*	*01/21/21 12:16*	*1*
1,1,2,2-Tetrachloroethane (2C)	*112*		*46 - 136*	*01/20/21 23:40*	*01/21/21 12:16*	*1*

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	0.15	U	0.20	0.15	0.096	mg/L		01/20/21 15:04	1
Magnesium	0.075	U	0.10	0.075	0.040	mg/L		01/24/21 11:33	1
Potassium	0.45	U	0.50	0.45	0.20	mg/L		01/20/21 15:04	1
Sodium	0.50	U	1.0	0.50	0.24	mg/L		01/20/21 15:04	1
Iron	0.10	U	0.20	0.10	0.040	mg/L		01/24/21 11:33	1
Manganese	0.0050	U	0.010	0.0050	0.0030	mg/L		01/24/21 11:33	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/19/21 15:33	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/19/21 15:33	1

Client Sample ID: TB211-27
Lab Sample ID: 410-26637-5
Date Collected: 01/14/21 12:31
Matrix: Water
Date Received: 01/15/21 11:04

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/25/21 12:12	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/25/21 12:12	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/25/21 12:12	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/25/21 12:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*01/25/21 12:12*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*01/25/21 12:12*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 119*		*01/25/21 12:12*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/25/21 12:12*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U ^c	0.029	0.019	0.0096	ug/L		01/21/21 12:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	*90*	*^c*	*46 - 136*	*01/20/21 23:40*	*01/21/21 12:33*	*1*
1,1,2,2-Tetrachloroethane (2C)	*106*		*46 - 136*	*01/20/21 23:40*	*01/21/21 12:33*	*1*

Surrogate Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26637-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(81-118)	(85-114)	(80-119)	(89-112)
410-26637-1	GW003-211	103	96	104	97
410-26637-2	GW102-211	104	96	105	97
410-26637-3	SWB211-01	105	95	104	96
410-26637-4	SWB211-02	105	96	104	97
410-26637-5	TB211-27	104	95	104	97
LCS 410-87631/5	Lab Control Sample	104	97	104	98
MB 410-87631/7	Method Blank	106	96	104	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(46-136)	(46-136)
410-26637-1	GW003-211	105	123
410-26637-2	GW102-211	94	112
410-26637-3	SWB211-01	91	106
410-26637-4	SWB211-02	100 ^c	112
410-26637-5	TB211-27	90 ^c	106
LCS 410-86622/2-A	Lab Control Sample	95	106
LCSD 410-86622/3-A	Lab Control Sample Dup	93	106
MB 410-86622/1-A	Method Blank	93	106

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26637-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-87631/7
Matrix: Water
Analysis Batch: 87631

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/25/21 11:06	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/25/21 11:06	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/25/21 11:06	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/25/21 11:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*81 - 118*		*01/25/21 11:06*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/25/21 11:06*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 119*		*01/25/21 11:06*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*01/25/21 11:06*	*1*

Lab Sample ID: LCS 410-87631/5
Matrix: Water
Analysis Batch: 87631

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	21.7		ug/L		109	42 - 138
Ethylbenzene	20.0	20.1		ug/L		101	79 - 121
Toluene	20.0	20.3		ug/L		102	80 - 121
Xylenes, Total	60.0	59.0		ug/L		98	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*
Dibromofluoromethane (Surr)	*104*		*80 - 119*
Toluene-d8 (Surr)	*98*		*89 - 112*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-86622/1-A
Matrix: Water
Analysis Batch: 86687

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86622

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/21/21 09:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*93*		*46 - 136*	*01/20/21 23:40*	*01/21/21 09:12*	*1*
1,1,2,2-Tetrachloroethane (2C)	*106*		*46 - 136*	*01/20/21 23:40*	*01/21/21 09:12*	*1*

Lab Sample ID: LCS 410-86622/2-A
Matrix: Water
Analysis Batch: 86687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86622

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.128	0.132		ug/L		103	60 - 140

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26637-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 410-86622/2-A
Matrix: Water
Analysis Batch: 86687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86622

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*95*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*106*		*46 - 136*

Lab Sample ID: LCSD 410-86622/3-A
Matrix: Water
Analysis Batch: 86687

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86622

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.135		ug/L		106	60 - 140	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*93*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*106*		*46 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-85759/1-A
Matrix: Water
Analysis Batch: 87299

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 85759

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	0.15	U	0.20	0.15	0.096	mg/L		01/22/21 12:40	1
Magnesium	0.075	U	0.10	0.075	0.040	mg/L		01/22/21 12:40	1
Potassium	0.45	U	0.50	0.45	0.20	mg/L		01/22/21 12:40	1
Sodium	0.50	U	1.0	0.50	0.24	mg/L		01/22/21 12:40	1
Iron	0.10	U	0.20	0.10	0.040	mg/L		01/22/21 12:40	1
Manganese	0.0050	U	0.010	0.0050	0.0030	mg/L		01/22/21 12:40	1

Lab Sample ID: LCS 410-85759/2-A
Matrix: Water
Analysis Batch: 87299

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 85759

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Calcium			0.400	0.427		mg/L		107	87 - 113		
Magnesium			0.200	0.208		mg/L		104	85 - 113		
Potassium			6.00	6.07		mg/L		101	86 - 114		
Sodium			2.00	2.09		mg/L		105	87 - 115		
Iron			0.400	0.415		mg/L		104	87 - 115		
Manganese			0.0200	0.0215		mg/L		108	90 - 114		

Lab Sample ID: MB 410-85761/1-A
Matrix: Water
Analysis Batch: 86726

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 85761

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	0.15	U	0.20	0.15	0.096	mg/L		01/20/21 14:59	1
Potassium	0.45	U	0.50	0.45	0.20	mg/L		01/20/21 14:59	1
Sodium	0.50	U	1.0	0.50	0.24	mg/L		01/20/21 14:59	1

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26637-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 410-85761/1-A
Matrix: Water
Analysis Batch: 87495

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 85761

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Magnesium	0.075	U	0.10	0.075	0.040	mg/L		01/24/21 11:26	1
Iron	0.10	U	0.20	0.10	0.040	mg/L		01/24/21 11:26	1
Manganese	0.0050	U	0.010	0.0050	0.0030	mg/L		01/24/21 11:26	1

Lab Sample ID: LCS 410-85761/2-A
Matrix: Water
Analysis Batch: 86726

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 85761

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	0.400	0.394		mg/L		98	87 - 113
Potassium	6.00	5.28		mg/L		88	86 - 114
Sodium	2.00	2.02		mg/L		101	87 - 115

Lab Sample ID: LCS 410-85761/2-A
Matrix: Water
Analysis Batch: 87495

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 85761

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Magnesium	0.200	0.202		mg/L		101	85 - 113
Iron	0.400	0.401		mg/L		100	87 - 115
Manganese	0.0200	0.0205		mg/L		102	90 - 114

Lab Sample ID: 410-26637-4 MS
Matrix: Water
Analysis Batch: 86726

Client Sample ID: SWB211-02
Prep Type: Total Recoverable
Prep Batch: 85761

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	0.15	U	0.400	0.399		mg/L		100	87 - 113
Potassium	0.45	U	6.00	5.20		mg/L		87	86 - 114
Sodium	0.50	U	2.00	2.00		mg/L		100	87 - 115

Lab Sample ID: 410-26637-4 MS
Matrix: Water
Analysis Batch: 87495

Client Sample ID: SWB211-02
Prep Type: Total Recoverable
Prep Batch: 85761

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Magnesium	0.075	U	0.200	0.198		mg/L		99	85 - 113
Iron	0.10	U	0.400	0.396		mg/L		99	87 - 115
Manganese	0.0050	U	0.0200	0.0205		mg/L		103	90 - 114

Lab Sample ID: 410-26637-4 MSD
Matrix: Water
Analysis Batch: 86726

Client Sample ID: SWB211-02
Prep Type: Total Recoverable
Prep Batch: 85761

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Calcium	0.15	U	0.400	0.395		mg/L		99	87 - 113	1	20
Potassium	0.45	U	6.00	5.30		mg/L		88	86 - 114	2	20
Sodium	0.50	U	2.00	2.07		mg/L		104	87 - 115	4	20

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26637-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 410-26637-4 MSD
Matrix: Water
Analysis Batch: 87495

Client Sample ID: SWB211-02
Prep Type: Total Recoverable
Prep Batch: 85761

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Magnesium	0.075	U	0.200	0.201		mg/L		100	85 - 113	1	20
Iron	0.10	U	0.400	0.399		mg/L		100	87 - 115	1	20
Manganese	0.0050	U	0.0200	0.0204		mg/L		102	90 - 114	1	20

Lab Sample ID: 410-26637-4 DU
Matrix: Water
Analysis Batch: 86726

Client Sample ID: SWB211-02
Prep Type: Total Recoverable
Prep Batch: 85761

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Calcium	0.15	U	0.15	U	mg/L		NC	20
Potassium	0.45	U	0.45	U	mg/L		NC	20
Sodium	0.50	U	0.50	U	mg/L		NC	20

Lab Sample ID: 410-26637-4 DU
Matrix: Water
Analysis Batch: 87495

Client Sample ID: SWB211-02
Prep Type: Total Recoverable
Prep Batch: 85761

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Magnesium	0.075	U	0.075	U	mg/L		NC	20
Iron	0.10	U	0.10	U	mg/L		NC	20
Manganese	0.0050	U	0.0050	U	mg/L		NC	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 410-85765/1-A
Matrix: Water
Analysis Batch: 86297

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 85765

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/19/21 14:59	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/19/21 14:59	1

Lab Sample ID: LCS 410-85765/2-A
Matrix: Water
Analysis Batch: 86297

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 85765

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0600	0.0608		mg/L		101	84 - 116
Lead	0.0300	0.0298		mg/L		99	88 - 115

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26637-1

GC/MS VOA

Analysis Batch: 87631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26637-1	GW003-211	Total/NA	Water	8260C DOD	
410-26637-2	GW102-211	Total/NA	Water	8260C DOD	
410-26637-3	SWB211-01	Total/NA	Water	8260C DOD	
410-26637-4	SWB211-02	Total/NA	Water	8260C DOD	
410-26637-5	TB211-27	Total/NA	Water	8260C DOD	
MB 410-87631/7	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-87631/5	Lab Control Sample	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 86622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26637-1	GW003-211	Total/NA	Water	8011	
410-26637-2	GW102-211	Total/NA	Water	8011	
410-26637-3	SWB211-01	Total/NA	Water	8011	
410-26637-4	SWB211-02	Total/NA	Water	8011	
410-26637-5	TB211-27	Total/NA	Water	8011	
MB 410-86622/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-86622/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-86622/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 86687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26637-1	GW003-211	Total/NA	Water	8011	86622
410-26637-2	GW102-211	Total/NA	Water	8011	86622
410-26637-3	SWB211-01	Total/NA	Water	8011	86622
410-26637-4	SWB211-02	Total/NA	Water	8011	86622
410-26637-5	TB211-27	Total/NA	Water	8011	86622
MB 410-86622/1-A	Method Blank	Total/NA	Water	8011	86622
LCS 410-86622/2-A	Lab Control Sample	Total/NA	Water	8011	86622
LCSD 410-86622/3-A	Lab Control Sample Dup	Total/NA	Water	8011	86622

Metals

Prep Batch: 85759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26637-3	SWB211-01	Total Recoverable	Water	3005A	
MB 410-85759/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-85759/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 85761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26637-4	SWB211-02	Total Recoverable	Water	3005A	
MB 410-85761/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-85761/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
410-26637-4 MS	SWB211-02	Total Recoverable	Water	3005A	
410-26637-4 MSD	SWB211-02	Total Recoverable	Water	3005A	
410-26637-4 DU	SWB211-02	Total Recoverable	Water	3005A	

Prep Batch: 85765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26637-3	SWB211-01	Total/NA	Water	3005A	

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26637-1

Metals (Continued)

Prep Batch: 85765 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26637-4	SWB211-02	Total/NA	Water	3005A	
MB 410-85765/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-85765/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 86297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26637-3	SWB211-01	Total/NA	Water	6020A	85765
410-26637-4	SWB211-02	Total/NA	Water	6020A	85765
MB 410-85765/1-A	Method Blank	Total Recoverable	Water	6020A	85765
LCS 410-85765/2-A	Lab Control Sample	Total Recoverable	Water	6020A	85765

Analysis Batch: 86726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26637-4	SWB211-02	Total Recoverable	Water	6010C	85761
MB 410-85761/1-A	Method Blank	Total Recoverable	Water	6010C	85761
LCS 410-85761/2-A	Lab Control Sample	Total Recoverable	Water	6010C	85761
410-26637-4 MS	SWB211-02	Total Recoverable	Water	6010C	85761
410-26637-4 MSD	SWB211-02	Total Recoverable	Water	6010C	85761
410-26637-4 DU	SWB211-02	Total Recoverable	Water	6010C	85761

Analysis Batch: 87299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26637-3	SWB211-01	Total Recoverable	Water	6010C	85759
MB 410-85759/1-A	Method Blank	Total Recoverable	Water	6010C	85759
LCS 410-85759/2-A	Lab Control Sample	Total Recoverable	Water	6010C	85759

Analysis Batch: 87495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26637-4	SWB211-02	Total Recoverable	Water	6010C	85761
MB 410-85761/1-A	Method Blank	Total Recoverable	Water	6010C	85761
LCS 410-85761/2-A	Lab Control Sample	Total Recoverable	Water	6010C	85761
410-26637-4 MS	SWB211-02	Total Recoverable	Water	6010C	85761
410-26637-4 MSD	SWB211-02	Total Recoverable	Water	6010C	85761
410-26637-4 DU	SWB211-02	Total Recoverable	Water	6010C	85761

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26637-1

Client Sample ID: GW003-211
Date Collected: 01/14/21 10:38
Date Received: 01/15/21 11:04

Lab Sample ID: 410-26637-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	87631	01/25/21 16:59	K4WN	ELLE
Total/NA	Prep	8011			86622	01/20/21 23:40	UKQ8	ELLE
Total/NA	Analysis	8011		1	86687	01/21/21 11:09	AC3T	ELLE

Client Sample ID: GW102-211
Date Collected: 01/14/21 08:35
Date Received: 01/15/21 11:04

Lab Sample ID: 410-26637-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	87631	01/25/21 17:21	K4WN	ELLE
Total/NA	Prep	8011			86622	01/20/21 23:40	UKQ8	ELLE
Total/NA	Analysis	8011		1	86687	01/21/21 11:26	AC3T	ELLE

Client Sample ID: SWB211-01
Date Collected: 01/14/21 13:01
Date Received: 01/15/21 11:04

Lab Sample ID: 410-26637-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	87631	01/25/21 17:43	K4WN	ELLE
Total/NA	Prep	8011			86622	01/20/21 23:40	UKQ8	ELLE
Total/NA	Analysis	8011		1	86687	01/21/21 11:43	AC3T	ELLE
Total Recoverable	Prep	3005A			85759	01/19/21 01:11	UJL8	ELLE
Total Recoverable	Analysis	6010C		1	87299	01/22/21 13:39	UPJE	ELLE
Total/NA	Prep	3005A			85765	01/19/21 01:38	UJL8	ELLE
Total/NA	Analysis	6020A		1	86297	01/19/21 15:29	V5SW	ELLE

Client Sample ID: SWB211-02
Date Collected: 01/14/21 13:06
Date Received: 01/15/21 11:04

Lab Sample ID: 410-26637-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	87631	01/25/21 18:05	K4WN	ELLE
Total/NA	Prep	8011			86622	01/20/21 23:40	UKQ8	ELLE
Total/NA	Analysis	8011		1	86687	01/21/21 12:16	AC3T	ELLE
Total Recoverable	Prep	3005A			85761	01/19/21 01:14	UJL8	ELLE
Total Recoverable	Analysis	6010C		1	86726	01/20/21 15:04	MDP5	ELLE
Total Recoverable	Prep	3005A			85761	01/19/21 01:14	UJL8	ELLE
Total Recoverable	Analysis	6010C		1	87495	01/24/21 11:33	SB	ELLE
Total/NA	Prep	3005A			85765	01/19/21 01:38	UJL8	ELLE
Total/NA	Analysis	6020A		1	86297	01/19/21 15:33	V5SW	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26637-1

Client Sample ID: TB211-27
Date Collected: 01/14/21 12:31
Date Received: 01/15/21 11:04

Lab Sample ID: 410-26637-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	87631	01/25/21 12:12	K4WN	ELLE
Total/NA	Prep	8011			86622	01/20/21 23:40	UKQ8	ELLE
Total/NA	Analysis	8011		1	86687	01/21/21 12:33	AC3T	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26637-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	01-27-21

Method Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26637-1

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
6010C	Metals (ICP)	SW846	ELLE
6020A	Metals (ICP/MS)	SW846	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26637-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-26637-1	GW003-211	Water	01/14/21 10:38	01/15/21 11:04	
410-26637-2	GW102-211	Water	01/14/21 08:35	01/15/21 11:04	
410-26637-3	SWB211-01	Water	01/14/21 13:01	01/15/21 11:04	
410-26637-4	SWB211-02	Water	01/14/21 13:06	01/15/21 11:04	
410-26637-5	TB211-27	Water	01/14/21 12:31	01/15/21 11:04	

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN OF CUSTODY RECORD

410-26637 Chain of Custody

COC NUMBER: COC-003-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW003-211	1-14-21	1038	5	—	3	—	2						

pump: 18078-919

TB211-27

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7794

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-14-21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reith	1/15/21	1104

KAM

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-102-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate and Bicarbonate)	COMMENTS
1	GW102-211	1-14-21	0835	5	-	3	-	2						

Pump 18078-919

TB211-27

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7794

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
D. Schmeelk	1-14-21	1600			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reitt	1/15/21	1104

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-SWB211-01

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: 21295

LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	SWB211-01	1-14-21	1301	6	—	3	—	2	1					

Please add Fe and Mn to total metal analysis.

Associated with: ~~ESS lab grade water~~ ~~X~~ CK → crystal Springs DI water

TB211-27

SAMPLER(S): J. Messenger

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7794

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: J. Messenger	1-14-21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Rutt	1/15/21	1104

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-SWB211-02

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	SWB211-02	1-14-21	1306	6	—	3	—	2	1					

Please add Fe and Mn to total metal analysis.

Associated with: ESS lab grade water

TB211-27

SAMPLER(S): J. Messenger

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7794

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: J. Messenger	1-14-21	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reift	1/15/21	1104

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-27

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

				ANALYSIS REQUIRED (Specify number of bottles)										
ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-27	1-14-21	1231	4	—	2	—	2						

Associated with: GW003-21
GW102-21
SWB211-01
SWB211-02

~~TB211-~~

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7794

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-14-2021	1600	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reiff	1/15/21	1107

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-26637-1

Login Number: 26637
List Number: 1
Creator: Knoedler, Christine M

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-26694-1
Client Project/Site: Kirtland AFB - GWM & IRM Op Mod

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Authorized for release by:
2/5/2021 2:24:24 PM
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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Stephen Gordon
Senior Project Manager
2/5/2021 2:24:24 PM

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-26694-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
D	The reported value is from a dilution.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
M	Manual integrated compound.
U	Indicates the analyte was analyzed for but not detected.

GC VOA

Qualifier	Qualifier Description
D	The reported value is from a dilution.
M	Manual integrated compound.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
D	The reported value is from a dilution.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
M	Manual integrated compound.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
D	The reported value is from a dilution.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
^3+	Reporting Limit Check Standard is outside acceptance limits, high biased
B	Blank contamination: The analyte was detected above one-half the reporting limit in an associated blank.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)

Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-26694-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Job ID: 410-26694-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-26694-1

Receipt
The samples were received on 1/16/2021 10:26 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.2°C and 0.5°C

GC/MS VOA
Method 8260C_DOD5: The preservative used in the sample containers provided is not compatible with the Method 8260 analytes requested. The following samples were received preserved with hydrochloric acid: TB211-29 (410-26694-4), GWS10-443-211 (410-26694-5) and ER211-02 (410-26694-6). The requested target analyte list includes Acrolein and Acrylonitrile, acid-labile compounds that degrade in an acidic medium. However, the samples were preserved according to the QAPP.

Method 8260C_DOD5: The response for Dichlorodifluoromethane in the initial calibration verification marginally exceeds the DoD acceptance criteria referenced by analytical batch 410-88000 . Due to the marginal nature of the outlier(s), the data are reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 410-86002 contained Bromide above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Client Sample ID: TB211-28 — Lab Sample ID: 410-26694-1

No Detections.

Client Sample ID: GW005-211 — Lab Sample ID: 410-26694-2

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	170		1.0	0.80	0.40	ug/L	1		8260C DOD	Total/NA
Xylenes, Total	620		6.0	2.8	1.4	ug/L	1		8260C DOD	Total/NA
Benzene - DL	700	D	10	5.0	2.0	ug/L	10		8260C DOD	Total/NA
Toluene - DL	710	D	10	5.0	2.0	ug/L	10		8260C DOD	Total/NA
Ethylene Dibromide (1C)	0.99	D M	0.14	0.096	0.048	ug/L	5		8011	Total/NA
Bromide	4.1	D	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	180	D	20	15	10	mg/L	50		EPA 300.0 R2.1	Total/NA
Sulfate	9.8	D	5.0	4.5	1.5	mg/L	5		EPA 300.0 R2.1	Total/NA
Calcium	150	B	0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	26	B	0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	3.8		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	70		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Iron	0.043	J	0.21	0.10	0.041	mg/L	1		6010C	Dissolved
Manganese	1.9		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved
Arsenic	0.0014	J	0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Lead	0.00028	J	0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	370		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	370		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA

Client Sample ID: GW005-611 — Lab Sample ID: 410-26694-3

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	170		1.0	0.80	0.40	ug/L	1		8260C DOD	Total/NA
Xylenes, Total	650		6.0	2.8	1.4	ug/L	1		8260C DOD	Total/NA
Benzene - DL	680	D	10	5.0	2.0	ug/L	10		8260C DOD	Total/NA
Toluene - DL	710	D	10	5.0	2.0	ug/L	10		8260C DOD	Total/NA
Ethylene Dibromide (1C)	0.84	D M	0.14	0.096	0.048	ug/L	5		8011	Total/NA
Bromide	3.7	D	2.5	2.0	1.3	mg/L	5		EPA 300.0 R2.1	Total/NA
Chloride	190	D	20	15	10	mg/L	50		EPA 300.0 R2.1	Total/NA
Sulfate	9.5	D	5.0	4.5	1.5	mg/L	5		EPA 300.0 R2.1	Total/NA
Calcium	150	B	0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	26	B	0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	3.8		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	69		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Iron	0.061	J	0.21	0.10	0.041	mg/L	1		6010C	Dissolved
Manganese	2.0		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved
Arsenic	0.0014	J	0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Lead	0.00024	J	0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	370		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Client Sample ID: GW005-611 (Continued)

Lab Sample ID: 410-26694-3

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Total Alkalinity as CaCO3 to pH 4.5	370		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA

Client Sample ID: TB211-29

Lab Sample ID: 410-26694-4

No Detections.

Client Sample ID: GWS10-443-211

Lab Sample ID: 410-26694-5

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	190	D	25	10	5.0	ug/L	5		8260C DOD	Total/NA
1,2-Dibromoethane	170	D	5.0	2.5	1.0	ug/L	5		8260C DOD	Total/NA
1,3,5-Trimethylbenzene	56	D	25	5.0	1.5	ug/L	5		8260C DOD	Total/NA
2-Butanone	50	D	50	5.0	1.5	ug/L	5		8260C DOD	Total/NA
2-Hexanone	26	J D	50	5.0	1.5	ug/L	5		8260C DOD	Total/NA
4-Methyl-2-pentanone	13	J D	50	5.0	2.5	ug/L	5		8260C DOD	Total/NA
Acetone	260	D	100	10	3.5	ug/L	5		8260C DOD	Total/NA
Ethylbenzene	670	D	5.0	4.0	2.0	ug/L	5		8260C DOD	Total/NA
Isopropylbenzene	37	D	25	2.5	1.0	ug/L	5		8260C DOD	Total/NA
m&p-Xylene	2100	D	25	10	5.0	ug/L	5		8260C DOD	Total/NA
Naphthalene	110	D	25	10	5.0	ug/L	5		8260C DOD	Total/NA
n-Butylbenzene	2.6	J D	25	2.5	1.0	ug/L	5		8260C DOD	Total/NA
N-Propylbenzene	29	D	25	2.5	1.0	ug/L	5		8260C DOD	Total/NA
o-Xylene	910	D	5.0	4.0	2.0	ug/L	5		8260C DOD	Total/NA
p-Isopropyltoluene	3.5	J D	25	2.5	1.0	ug/L	5		8260C DOD	Total/NA
sec-Butylbenzene	5.1	J D	25	2.5	1.0	ug/L	5		8260C DOD	Total/NA
Xylenes, Total	3000		30	14	7.0	ug/L	5		8260C DOD	Total/NA
Benzene - DL	11000	D	50	25	10	ug/L	50		8260C DOD	Total/NA
Toluene - DL2	17000	D	500	250	100	ug/L	500		8260C DOD	Total/NA
GRO (1C)	62000	D	1300	1000	580	ug/L	25		8015D GRO	Total/NA
Ethylene Dibromide (1C)	200	D	58	39	19	ug/L	2000		8011	Total/NA
DRO (C10-C28) (1C)	26000	D	590	530	270	ug/L	5		8015D DRO	Total/NA
ORO (>C28-C40) (1C)	340	J D	590	530	270	ug/L	5		8015D DRO	Total/NA
Chloride	16	D	2.0	1.5	1.0	mg/L	5		EPA 300.0 R2.1	Total/NA
Sulfate	9.8	D	5.0	4.5	1.5	mg/L	5		EPA 300.0 R2.1	Total/NA
Calcium	48		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Magnesium	7.6		0.10	0.075	0.040	mg/L	1		6010C	Total Recoverable
Potassium	2.8		0.50	0.45	0.20	mg/L	1		6010C	Total Recoverable
Sodium	26		1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Manganese	0.77		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved
Arsenic	0.0015	J	0.0020	0.0016	0.00068	mg/L	1		6020A	Total/NA
Lead	0.000081	J	0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA
Bicarbonate Alkalinity as CaCO3	180		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA
Total Alkalinity as CaCO3 to pH 4.5	180		8.0	6.0	2.6	mg/L	1		2320B-2011	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26694-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: ER211-02 — Lab Sample ID: 410-26694-6

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.96	J	1.0	0.50	0.20	ug/L	1		8260C DOD	Total/NA
DRO (C10-C28) (1C)	55	J M	100	91	45	ug/L	1		8015D DRO	Total/NA
Calcium	0.21		0.20	0.15	0.096	mg/L	1		6010C	Total Recoverable
Sodium	0.44	J	1.0	0.50	0.24	mg/L	1		6010C	Total Recoverable
Lead	0.00014	J	0.00050	0.00025	0.000071	mg/L	1		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26694-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: TB211-28
Lab Sample ID: 410-26694-1
Date Collected: 01/15/21 15:15
Matrix: Water
Date Received: 01/16/21 10:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:08	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/26/21 14:08	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:08	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/26/21 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*81 - 118*		*01/26/21 14:08*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*01/26/21 14:08*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 119*		*01/26/21 14:08*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/26/21 14:08*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/25/21 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*85*		*46 - 136*	*01/20/21 23:30*	*01/25/21 21:56*	*1*
1,1,2,2-Tetrachloroethane (2C)	*84*		*46 - 136*	*01/20/21 23:30*	*01/25/21 21:56*	*1*

Client Sample ID: GW005-211
Lab Sample ID: 410-26694-2
Date Collected: 01/15/21 13:25
Matrix: Water
Date Received: 01/16/21 10:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylbenzene	**170**		1.0	0.80	0.40	ug/L		01/27/21 19:50	1
Xylenes, Total	**620**		6.0	2.8	1.4	ug/L		01/27/21 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*01/27/21 19:50*	*1*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*		*01/27/21 19:50*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 119*		*01/27/21 19:50*	*1*
Toluene-d8 (Surr)	*98*		*89 - 112*		*01/27/21 19:50*	*1*

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	**700**	**D**	10	5.0	2.0	ug/L		01/27/21 20:12	10
Toluene	**710**	**D**	10	5.0	2.0	ug/L		01/27/21 20:12	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*81 - 118*		*01/27/21 20:12*	*10*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*		*01/27/21 20:12*	*10*
Dibromofluoromethane (Surr)	*102*		*80 - 119*		*01/27/21 20:12*	*10*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/27/21 20:12*	*10*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	**0.99**	**D M**	0.14	0.096	0.048	ug/L		01/26/21 08:01	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*118*		*46 - 136*	*01/20/21 23:30*	*01/26/21 08:01*	*5*
1,1,2,2-Tetrachloroethane (2C)	*95*		*46 - 136*	*01/20/21 23:30*	*01/26/21 08:01*	*5*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26694-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW005-211
Lab Sample ID: 410-26694-2
Date Collected: 01/15/21 13:25
Matrix: Water
Date Received: 01/16/21 10:26

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	4.1	D	2.5	2.0	1.3	mg/L		01/19/21 12:58	5
Chloride	180	D	20	15	10	mg/L		01/19/21 13:16	50
Sulfate	9.8	D	5.0	4.5	1.5	mg/L		01/19/21 12:58	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	150	B	0.20	0.15	0.096	mg/L		01/20/21 16:11	1
Magnesium	26	B	0.10	0.075	0.040	mg/L		01/20/21 16:11	1
Potassium	3.8		0.50	0.45	0.20	mg/L		01/24/21 15:56	1
Sodium	70		1.0	0.50	0.24	mg/L		01/20/21 16:11	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.043	J	0.21	0.10	0.041	mg/L		01/19/21 19:00	1
Manganese	1.9		0.010	0.0052	0.0031	mg/L		01/19/21 12:26	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0014	J	0.0020	0.0016	0.00068	mg/L		01/19/21 15:25	1
Lead	0.00028	J	0.00050	0.00025	0.000071	mg/L		01/19/21 15:25	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	370		8.0	6.0	2.6	mg/L		01/20/21 02:02	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/20/21 02:02	1
Total Alkalinity as CaCO3 to pH 4.5	370		8.0	6.0	2.6	mg/L		01/20/21 02:02	1
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/21/21 08:33	1

Client Sample ID: GW005-611
Lab Sample ID: 410-26694-3
Date Collected: 01/15/21 13:25
Matrix: Water
Date Received: 01/16/21 10:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylbenzene	170		1.0	0.80	0.40	ug/L		01/28/21 05:00	1
Xylenes, Total	650		6.0	2.8	1.4	ug/L		01/28/21 05:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*01/28/21 05:00*	*1*
4-Bromofluorobenzene (Surr)	*102*		*85 - 114*		*01/28/21 05:00*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*01/28/21 05:00*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*01/28/21 05:00*	*1*

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	680	D	10	5.0	2.0	ug/L		01/28/21 05:22	10
Toluene	710	D	10	5.0	2.0	ug/L		01/28/21 05:22	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*01/28/21 05:22*	*10*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*		*01/28/21 05:22*	*10*
Dibromofluoromethane (Surr)	*102*		*80 - 119*		*01/28/21 05:22*	*10*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26694-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GW005-611
Lab Sample ID: 410-26694-3
Date Collected: 01/15/21 13:25
Matrix: Water
Date Received: 01/16/21 10:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) - DL (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/28/21 05:22*	*10*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.84	D M	0.14	0.096	0.048	ug/L		01/26/21 08:18	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*103*		*46 - 136*	*01/20/21 23:30*	*01/26/21 08:18*	*5*
1,1,2,2-Tetrachloroethane (2C)	*89*		*46 - 136*	*01/20/21 23:30*	*01/26/21 08:18*	*5*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	3.7	D	2.5	2.0	1.3	mg/L		01/19/21 12:04	5
Chloride	190	D	20	15	10	mg/L		01/19/21 12:22	50
Sulfate	9.5	D	5.0	4.5	1.5	mg/L		01/19/21 12:04	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	150	B	0.20	0.15	0.096	mg/L		01/20/21 16:13	1
Magnesium	26	B	0.10	0.075	0.040	mg/L		01/20/21 16:13	1
Potassium	3.8		0.50	0.45	0.20	mg/L		01/24/21 15:59	1
Sodium	69		1.0	0.50	0.24	mg/L		01/20/21 16:13	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.061	J	0.21	0.10	0.041	mg/L		01/19/21 19:24	1
Manganese	2.0		0.010	0.0052	0.0031	mg/L		01/19/21 12:47	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0014	J	0.0020	0.0016	0.00068	mg/L		01/19/21 15:03	1
Lead	0.00024	J	0.00050	0.00025	0.000071	mg/L		01/19/21 15:03	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	370		8.0	6.0	2.6	mg/L		01/20/21 02:08	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/20/21 02:08	1
Total Alkalinity as CaCO3 to pH 4.5	370		8.0	6.0	2.6	mg/L		01/20/21 02:08	1
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/21/21 08:34	1

Client Sample ID: TB211-29
Lab Sample ID: 410-26694-4
Date Collected: 01/15/21 15:15
Matrix: Water
Date Received: 01/16/21 10:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	0.30	ug/L		01/26/21 14:30	1
1,1,2,2-Tetrachloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
1,1,2-Trichloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
1,1-Dichloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26694-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: TB211-29
Lab Sample ID: 410-26694-4
Date Collected: 01/15/21 15:15
Matrix: Water
Date Received: 01/16/21 10:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
1,1-Dichloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
1,1-Dichloropropene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 14:30	1
1,2,3-Trichlorobenzene	1.0	U	5.0	1.0	0.40	ug/L		01/26/21 14:30	1
1,2,3-Trichloropropane	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 14:30	1
1,2,4-Trichlorobenzene	1.0	U	5.0	1.0	0.30	ug/L		01/26/21 14:30	1
1,2,4-Trimethylbenzene	2.0	U	5.0	2.0	1.0	ug/L		01/26/21 14:30	1
1,2-Dibromo-3-Chloropropane	1.0	U	5.0	1.0	0.30	ug/L		01/26/21 14:30	1
1,2-Dibromoethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
1,2-Dichlorobenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 14:30	1
1,2-Dichloroethane	0.50	U	1.0	0.50	0.30	ug/L		01/26/21 14:30	1
1,2-Dichloropropane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
1,3,5-Trimethylbenzene	1.0	U	5.0	1.0	0.30	ug/L		01/26/21 14:30	1
1,3-Dichlorobenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 14:30	1
1,3-Dichloropropane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
1,4-Dichlorobenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 14:30	1
2,2-Dichloropropane	0.50	U	1.0	0.50	0.30	ug/L		01/26/21 14:30	1
2-Butanone	1.0	U	10	1.0	0.30	ug/L		01/26/21 14:30	1
2-Chlorotoluene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 14:30	1
2-Hexanone	1.0	U	10	1.0	0.30	ug/L		01/26/21 14:30	1
4-Chlorotoluene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 14:30	1
4-Methyl-2-pentanone	1.0	U	10	1.0	0.50	ug/L		01/26/21 14:30	1
Acetone	2.0	U	20	2.0	0.70	ug/L		01/26/21 14:30	1
Acrolein	5.0	U	100	5.0	3.0	ug/L		01/26/21 14:30	1
Acrylonitrile	1.0	U	20	1.0	0.30	ug/L		01/26/21 14:30	1
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
Bromobenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 14:30	1
Bromochloromethane	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 14:30	1
Bromodichloromethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
Bromoform	2.0	U	4.0	2.0	1.0	ug/L		01/26/21 14:30	1
Bromomethane	0.50	U	1.0	0.50	0.30	ug/L		01/26/21 14:30	1
Carbon disulfide	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 14:30	1
Carbon tetrachloride	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
Chlorobenzene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
Chloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
Chloroform	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
Chloromethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
cis-1,2-Dichloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
cis-1,3-Dichloropropene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
Dibromochloromethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
Dibromomethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
Dichlorodifluoromethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/26/21 14:30	1
Hexachlorobutadiene	4.0	U	5.0	4.0	2.0	ug/L		01/26/21 14:30	1
Isopropylbenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 14:30	1
m&p-Xylene	2.0	U	5.0	2.0	1.0	ug/L		01/26/21 14:30	1
Methyl tertiary butyl ether	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
Methylene Chloride	0.50	U	1.0	0.50	0.30	ug/L		01/26/21 14:30	1
Naphthalene	2.0	U	5.0	2.0	1.0	ug/L		01/26/21 14:30	1
n-Butylbenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 14:30	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26694-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: TB211-29
Lab Sample ID: 410-26694-4
Date Collected: 01/15/21 15:15
Matrix: Water
Date Received: 01/16/21 10:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
N-Propylbenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 14:30	1
o-Xylene	0.80	U	1.0	0.80	0.40	ug/L		01/26/21 14:30	1
p-Isopropyltoluene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 14:30	1
sec-Butylbenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 14:30	1
Styrene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 14:30	1
tert-Butylbenzene	1.0	U	5.0	1.0	0.30	ug/L		01/26/21 14:30	1
Tetrachloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
trans-1,2-Dichloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
trans-1,3-Dichloropropene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
Trichloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
Trichlorofluoromethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
Vinyl acetate	2.0	U	10	2.0	0.70	ug/L		01/26/21 14:30	1
Vinyl chloride	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 14:30	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/26/21 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*01/26/21 14:30*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/26/21 14:30*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 119*		*01/26/21 14:30*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/26/21 14:30*	*1*

Method: 8015D GRO - Gasoline Range Organics (GRO)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
GRO (1C)	40	U M	50	40	23	ug/L		01/20/21 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid) (1C)	*92*		*63 - 135*		*01/20/21 15:29*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0095	ug/L		01/25/21 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*90*		*46 - 136*	*01/20/21 23:30*	*01/25/21 22:46*	*1*
1,1,2,2-Tetrachloroethane (2C)	*90*		*46 - 136*	*01/20/21 23:30*	*01/25/21 22:46*	*1*

Client Sample ID: GWS10-443-211
Lab Sample ID: 410-26694-5
Date Collected: 01/15/21 09:25
Matrix: Water
Date Received: 01/16/21 10:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
1,1,1-Trichloroethane	2.5	U	5.0	2.5	1.5	ug/L		01/26/21 19:18	5
1,1,2,2-Tetrachloroethane	2.5	U M	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
1,1,2-Trichloroethane	2.5	U M	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
1,1-Dichloroethane	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
1,1-Dichloroethene	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
1,1-Dichloropropene	2.5	U	25	2.5	1.0	ug/L		01/26/21 19:18	5
1,2,3-Trichlorobenzene	5.0	U	25	5.0	2.0	ug/L		01/26/21 19:18	5

Client Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Client Sample ID: GWS10-443-211
Date Collected: 01/15/21 09:25
Date Received: 01/16/21 10:26

Lab Sample ID: 410-26694-5
Matrix: Water

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
1,2,3-Trichloropropane	2.5	U M	25	2.5	1.0	ug/L		01/26/21 19:18	5
1,2,4-Trichlorobenzene	5.0	U	25	5.0	1.5	ug/L		01/26/21 19:18	5
1,2,4-Trimethylbenzene	**190**	**D**	25	10	5.0	ug/L		01/26/21 19:18	5
1,2-Dibromo-3-Chloropropane	5.0	U	25	5.0	1.5	ug/L		01/26/21 19:18	5
1,2-Dibromoethane	**170**	**D**	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
1,2-Dichlorobenzene	2.5	U	25	2.5	1.0	ug/L		01/26/21 19:18	5
1,2-Dichloroethane	2.5	U M	5.0	2.5	1.5	ug/L		01/26/21 19:18	5
1,2-Dichloropropane	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
1,3,5-Trimethylbenzene	**56**	**D**	25	5.0	1.5	ug/L		01/26/21 19:18	5
1,3-Dichlorobenzene	2.5	U M	25	2.5	1.0	ug/L		01/26/21 19:18	5
1,3-Dichloropropane	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
1,4-Dichlorobenzene	2.5	U	25	2.5	1.0	ug/L		01/26/21 19:18	5
2,2-Dichloropropane	2.5	U	5.0	2.5	1.5	ug/L		01/26/21 19:18	5
2-Butanone	**50**	**D**	50	5.0	1.5	ug/L		01/26/21 19:18	5
2-Chlorotoluene	2.5	U M	25	2.5	1.0	ug/L		01/26/21 19:18	5
2-Hexanone	**26**	**J D**	50	5.0	1.5	ug/L		01/26/21 19:18	5
4-Chlorotoluene	2.5	U	25	2.5	1.0	ug/L		01/26/21 19:18	5
4-Methyl-2-pentanone	**13**	**J D**	50	5.0	2.5	ug/L		01/26/21 19:18	5
Acetone	**260**	**D**	100	10	3.5	ug/L		01/26/21 19:18	5
Acrolein	25	U	500	25	15	ug/L		01/26/21 19:18	5
Acrylonitrile	5.0	U M	100	5.0	1.5	ug/L		01/26/21 19:18	5
Bromobenzene	2.5	U	25	2.5	1.0	ug/L		01/26/21 19:18	5
Bromochloromethane	2.5	U	25	2.5	1.0	ug/L		01/26/21 19:18	5
Bromodichloromethane	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
Bromoform	10	U	20	10	5.0	ug/L		01/26/21 19:18	5
Bromomethane	2.5	U	5.0	2.5	1.5	ug/L		01/26/21 19:18	5
Carbon disulfide	2.5	U	25	2.5	1.0	ug/L		01/26/21 19:18	5
Carbon tetrachloride	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
Chlorobenzene	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
Chloroethane	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
Chloroform	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
Chloromethane	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
cis-1,2-Dichloroethene	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
cis-1,3-Dichloropropene	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
Dibromochloromethane	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
Dibromomethane	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
Dichlorodifluoromethane	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
Ethylbenzene	**670**	**D**	5.0	4.0	2.0	ug/L		01/26/21 19:18	5
Hexachlorobutadiene	20	U	25	20	10	ug/L		01/26/21 19:18	5
Isopropylbenzene	**37**	**D**	25	2.5	1.0	ug/L		01/26/21 19:18	5
m&p-Xylene	**2100**	**D**	25	10	5.0	ug/L		01/26/21 19:18	5
Methyl tertiary butyl ether	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
Methylene Chloride	2.5	U	5.0	2.5	1.5	ug/L		01/26/21 19:18	5
Naphthalene	**110**	**D**	25	10	5.0	ug/L		01/26/21 19:18	5
n-Butylbenzene	**2.6**	**J D**	25	2.5	1.0	ug/L		01/26/21 19:18	5
N-Propylbenzene	**29**	**D**	25	2.5	1.0	ug/L		01/26/21 19:18	5
o-Xylene	**910**	**D**	5.0	4.0	2.0	ug/L		01/26/21 19:18	5
p-Isopropyltoluene	**3.5**	**J D**	25	2.5	1.0	ug/L		01/26/21 19:18	5
sec-Butylbenzene	**5.1**	**J D**	25	2.5	1.0	ug/L		01/26/21 19:18	5

Client Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Client Sample ID: GWS10-443-211

Date Collected: 01/15/21 09:25
Date Received: 01/16/21 10:26

Lab Sample ID: 410-26694-5

Matrix: Water

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Styrene	2.5	U M	25	2.5	1.0	ug/L		01/26/21 19:18	5
tert-Butylbenzene	5.0	U	25	5.0	1.5	ug/L		01/26/21 19:18	5
Tetrachloroethene	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
trans-1,2-Dichloroethene	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
trans-1,3-Dichloropropene	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
Trichloroethene	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
Trichlorofluoromethane	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
Vinyl acetate	10	U	50	10	3.5	ug/L		01/26/21 19:18	5
Vinyl chloride	2.5	U	5.0	2.5	1.0	ug/L		01/26/21 19:18	5
Xylenes, Total	**3000**		30	14	7.0	ug/L		01/26/21 19:18	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*81 - 118*		*01/26/21 19:18*	*5*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*		*01/26/21 19:18*	*5*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*01/26/21 19:18*	*5*
Toluene-d8 (Surr)	*95*		*89 - 112*		*01/26/21 19:18*	*5*

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	**11000**	**D**	50	25	10	ug/L		01/26/21 19:40	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*01/26/21 19:40*	*50*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*		*01/26/21 19:40*	*50*
Dibromofluoromethane (Surr)	*102*		*80 - 119*		*01/26/21 19:40*	*50*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/26/21 19:40*	*50*

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) - DL2

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Toluene	**17000**	**D**	500	250	100	ug/L		01/28/21 06:28	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*01/28/21 06:28*	*500*
4-Bromofluorobenzene (Surr)	*99*		*85 - 114*		*01/28/21 06:28*	*500*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/28/21 06:28*	*500*
Toluene-d8 (Surr)	*96*		*89 - 112*		*01/28/21 06:28*	*500*

Method: 8015D GRO - Gasoline Range Organics (GRO)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
GRO (1C)	**62000**	**D**	1300	1000	580	ug/L		01/20/21 19:01	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid) (1C)	*92*		*63 - 135*		*01/20/21 19:01*	*25*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	**200**	**D**	58	39	19	ug/L		01/26/21 09:24	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*3894*	*S1+*	*46 - 136*	*01/20/21 23:30*	*01/26/21 09:24*	*2000*
1,1,2,2-Tetrachloroethane (2C)	*5826*	*S1+*	*46 - 136*	*01/20/21 23:30*	*01/26/21 09:24*	*2000*

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26694-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: GWS10-443-211
Lab Sample ID: 410-26694-5
Date Collected: 01/15/21 09:25
Matrix: Water
Date Received: 01/16/21 10:26

Method: 8015D DRO - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
DRO (C10-C28) (1C)	**26000**	**D**	590	530	270	ug/L		01/22/21 20:27	5
ORO (>C28-C40) (1C)	**340**	**J D**	590	530	270	ug/L		01/22/21 20:27	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*100*		*56 - 125*	*01/22/21 09:30*	*01/22/21 20:27*	*5*

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	2.0	U	2.5	2.0	1.3	mg/L		01/19/21 16:17	5
Chloride	**16**	**D**	2.0	1.5	1.0	mg/L		01/19/21 16:17	5
Sulfate	**9.8**	**D**	5.0	4.5	1.5	mg/L		01/19/21 16:17	5

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**48**		0.20	0.15	0.096	mg/L		01/20/21 15:57	1
Magnesium	**7.6**		0.10	0.075	0.040	mg/L		01/20/21 15:57	1
Potassium	**2.8**		0.50	0.45	0.20	mg/L		01/24/21 15:53	1
Sodium	**26**		1.0	0.50	0.24	mg/L		01/20/21 15:57	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/19/21 19:10	1
Manganese	**0.77**		0.010	0.0052	0.0031	mg/L		01/19/21 12:38	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	**0.0015**	**J**	0.0020	0.0016	0.00068	mg/L		01/19/21 15:15	1
Lead	**0.000081**	**J**	0.00050	0.00025	0.000071	mg/L		01/19/21 15:15	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	**180**		8.0	6.0	2.6	mg/L		01/20/21 02:15	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/20/21 02:15	1
Total Alkalinity as CaCO3 to pH 4.5	**180**		8.0	6.0	2.6	mg/L		01/20/21 02:15	1
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/21/21 08:36	1

Client Sample ID: ER211-02
Lab Sample ID: 410-26694-6
Date Collected: 01/15/21 14:15
Matrix: Water
Date Received: 01/16/21 10:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	0.30	ug/L		01/26/21 18:55	1
1,1,2,2-Tetrachloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
1,1,2-Trichloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
1,1-Dichloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
1,1-Dichloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
1,1-Dichloropropene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 18:55	1
1,2,3-Trichlorobenzene	1.0	U	5.0	1.0	0.40	ug/L		01/26/21 18:55	1
1,2,3-Trichloropropane	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 18:55	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26694-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Client Sample ID: ER211-02
Lab Sample ID: 410-26694-6
Date Collected: 01/15/21 14:15
Matrix: Water
Date Received: 01/16/21 10:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	5.0	1.0	0.30	ug/L		01/26/21 18:55	1
1,2,4-Trimethylbenzene	2.0	U	5.0	2.0	1.0	ug/L		01/26/21 18:55	1
1,2-Dibromo-3-Chloropropane	1.0	U	5.0	1.0	0.30	ug/L		01/26/21 18:55	1
1,2-Dibromoethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
1,2-Dichlorobenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 18:55	1
1,2-Dichloroethane	0.50	U	1.0	0.50	0.30	ug/L		01/26/21 18:55	1
1,2-Dichloropropane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
1,3,5-Trimethylbenzene	1.0	U	5.0	1.0	0.30	ug/L		01/26/21 18:55	1
1,3-Dichlorobenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 18:55	1
1,3-Dichloropropane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
1,4-Dichlorobenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 18:55	1
2,2-Dichloropropane	0.50	U	1.0	0.50	0.30	ug/L		01/26/21 18:55	1
2-Butanone	1.0	U	10	1.0	0.30	ug/L		01/26/21 18:55	1
2-Chlorotoluene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 18:55	1
2-Hexanone	1.0	U	10	1.0	0.30	ug/L		01/26/21 18:55	1
4-Chlorotoluene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 18:55	1
4-Methyl-2-pentanone	1.0	U	10	1.0	0.50	ug/L		01/26/21 18:55	1
Acetone	2.0	U	20	2.0	0.70	ug/L		01/26/21 18:55	1
Acrolein	5.0	U	100	5.0	3.0	ug/L		01/26/21 18:55	1
Acrylonitrile	1.0	U	20	1.0	0.30	ug/L		01/26/21 18:55	1
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
Bromobenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 18:55	1
Bromochloromethane	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 18:55	1
Bromodichloromethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
Bromoform	2.0	U	4.0	2.0	1.0	ug/L		01/26/21 18:55	1
Bromomethane	0.50	U	1.0	0.50	0.30	ug/L		01/26/21 18:55	1
Carbon disulfide	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 18:55	1
Carbon tetrachloride	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
Chlorobenzene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
Chloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
Chloroform	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
Chloromethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
cis-1,2-Dichloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
cis-1,3-Dichloropropene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
Dibromochloromethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
Dibromomethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
Dichlorodifluoromethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/26/21 18:55	1
Hexachlorobutadiene	4.0	U	5.0	4.0	2.0	ug/L		01/26/21 18:55	1
Isopropylbenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 18:55	1
m&p-Xylene	2.0	U	5.0	2.0	1.0	ug/L		01/26/21 18:55	1
Methyl tertiary butyl ether	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
Methylene Chloride	0.50	U	1.0	0.50	0.30	ug/L		01/26/21 18:55	1
Naphthalene	2.0	U	5.0	2.0	1.0	ug/L		01/26/21 18:55	1
n-Butylbenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 18:55	1
N-Propylbenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 18:55	1
o-Xylene	0.80	U	1.0	0.80	0.40	ug/L		01/26/21 18:55	1
p-Isopropyltoluene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 18:55	1
sec-Butylbenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 18:55	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Client Sample ID: ER211-02
Date Collected: 01/15/21 14:15
Date Received: 01/16/21 10:26

Lab Sample ID: 410-26694-6
Matrix: Water

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Styrene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 18:55	1
tert-Butylbenzene	1.0	U	5.0	1.0	0.30	ug/L		01/26/21 18:55	1
Tetrachloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
Toluene	**0.96**	**J**	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
trans-1,2-Dichloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
trans-1,3-Dichloropropene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
Trichloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
Trichlorofluoromethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
Vinyl acetate	2.0	U	10	2.0	0.70	ug/L		01/26/21 18:55	1
Vinyl chloride	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 18:55	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/26/21 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*01/26/21 18:55*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*01/26/21 18:55*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/26/21 18:55*	*1*
Toluene-d8 (Surr)	*98*		*89 - 112*		*01/26/21 18:55*	*1*

Method: 8015D GRO - Gasoline Range Organics (GRO)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
GRO (1C)	40	U M	50	40	23	ug/L		01/20/21 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid) (1C)	*92*		*63 - 135*		*01/20/21 16:40*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/25/21 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*85*		*46 - 136*	*01/20/21 23:30*	*01/25/21 23:53*	*1*
1,1,2,2-Tetrachloroethane (2C)	*88*		*46 - 136*	*01/20/21 23:30*	*01/25/21 23:53*	*1*

Method: 8015D DRO - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
DRO (C10-C28) (1C)	**55**	**J M**	100	91	45	ug/L		01/22/21 18:52	1
ORO (>C28-C40) (1C)	91	U M	100	91	45	ug/L		01/22/21 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*85*		*56 - 125*	*01/22/21 09:30*	*01/22/21 18:52*	*1*

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	**0.21**		0.20	0.15	0.096	mg/L		01/24/21 12:16	1
Magnesium	0.075	U	0.10	0.075	0.040	mg/L		01/20/21 16:16	1
Potassium	0.45	U ^3+	0.50	0.45	0.20	mg/L		01/24/21 12:16	1
Sodium	**0.44**	**J**	1.0	0.50	0.24	mg/L		01/20/21 16:16	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/19/21 15:17	1
Lead	**0.00014**	**J**	0.00050	0.00025	0.000071	mg/L		01/19/21 15:17	1

Surrogate Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (81-118)	BFB (85-114)	DBFM (80-119)	TOL (89-112)
410-26694-1	TB211-28	105	95	104	97
410-26694-2 - DL	GW005-211	106	98	102	97
410-26694-2	GW005-211	103	98	99	98
410-26694-3	GW005-611	104	102	100	100
410-26694-3 - DL	GW005-611	102	98	102	97
410-26694-4	TB211-29	102	96	104	97
410-26694-5 - DL	GWS10-443-211	104	98	102	97
410-26694-5	GWS10-443-211	105	98	100	95
410-26694-5 - DL2	GWS10-443-211	104	99	103	96
410-26694-6	ER211-02	103	95	103	98
LCS 410-88000/6	Lab Control Sample	102	98	103	98
LCS 410-88000/7	Lab Control Sample	102	96	102	98
LCS 410-88482/6	Lab Control Sample	104	98	104	98
LCS 410-88760/5	Lab Control Sample	103	98	103	97
LCS 410-88760/6	Lab Control Sample	102	96	102	97
MB 410-88000/10	Method Blank	104	96	104	96
MB 410-88482/10	Method Blank	104	95	103	97
MB 410-88760/8	Method Blank	104	96	103	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015D GRO - Gasoline Range Organics (GRO)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	TFT-F1 (63-135)
410-26694-4	TB211-29	92
410-26694-5	GWS10-443-211	92
410-26694-6	ER211-02	92
LCS 410-86343/8	Lab Control Sample	91
LCSD 410-86343/9	Lab Control Sample Dup	96
MB 410-86343/7	Method Blank	93

Surrogate Legend

TFT-F = a,a,a-Trifluorotoluene (fid)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1122TCA1 (46-136)	1122TCA2 (46-136)
410-26694-1	TB211-28	85	84
410-26694-2	GW005-211	118	95
410-26694-3	GW005-611	103	89
410-26694-4	TB211-29	90	90

Surrogate Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26694-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1122TCA1 (46-136)	1122TCA2 (46-136)
410-26694-4 MS	TB211-29	87	88
410-26694-5	GWS10-443-211	3894 S1+	5826 S1+
410-26694-5 DU	GWS10-443-211	0 S1-	0 S1-
410-26694-6	ER211-02	85	88
LCS 410-86617/2-A	Lab Control Sample	96	89
LCSD 410-86617/3-A	Lab Control Sample Dup	90	89
MB 410-86617/1-A	Method Blank	96	93

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

Method: 8015D DRO - Diesel Range Organics (DRO) (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTP1 (56-125)
410-26694-5	GWS10-443-211	100
410-26694-6	ER211-02	85
LCS 410-87104/2-A	Lab Control Sample	84
MB 410-87104/1-A	Method Blank	77

Surrogate Legend

OTP = o- terphenyl (Surr)

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-88000/10
Matrix: Water
Analysis Batch: 88000

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	0.30	ug/L		01/26/21 12:12	1
1,1,2,2-Tetrachloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
1,1,2-Trichloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
1,1-Dichloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
1,1-Dichloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
1,1-Dichloropropene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 12:12	1
1,2,3-Trichlorobenzene	1.0	U	5.0	1.0	0.40	ug/L		01/26/21 12:12	1
1,2,3-Trichloropropane	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 12:12	1
1,2,4-Trichlorobenzene	1.0	U	5.0	1.0	0.30	ug/L		01/26/21 12:12	1
1,2,4-Trimethylbenzene	2.0	U	5.0	2.0	1.0	ug/L		01/26/21 12:12	1
1,2-Dibromo-3-Chloropropane	1.0	U	5.0	1.0	0.30	ug/L		01/26/21 12:12	1
1,2-Dibromoethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
1,2-Dichlorobenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 12:12	1
1,2-Dichloroethane	0.50	U	1.0	0.50	0.30	ug/L		01/26/21 12:12	1
1,2-Dichloropropane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
1,3,5-Trimethylbenzene	1.0	U	5.0	1.0	0.30	ug/L		01/26/21 12:12	1
1,3-Dichlorobenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 12:12	1
1,3-Dichloropropane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
1,4-Dichlorobenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 12:12	1
2,2-Dichloropropane	0.50	U	1.0	0.50	0.30	ug/L		01/26/21 12:12	1
2-Butanone	1.0	U	10	1.0	0.30	ug/L		01/26/21 12:12	1
2-Chlorotoluene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 12:12	1
2-Hexanone	1.0	U	10	1.0	0.30	ug/L		01/26/21 12:12	1
4-Chlorotoluene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 12:12	1
4-Methyl-2-pentanone	1.0	U	10	1.0	0.50	ug/L		01/26/21 12:12	1
Acetone	2.0	U	20	2.0	0.70	ug/L		01/26/21 12:12	1
Acrolein	5.0	U	100	5.0	3.0	ug/L		01/26/21 12:12	1
Acrylonitrile	1.0	U	20	1.0	0.30	ug/L		01/26/21 12:12	1
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
Bromobenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 12:12	1
Bromochloromethane	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 12:12	1
Bromodichloromethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
Bromoform	2.0	U	4.0	2.0	1.0	ug/L		01/26/21 12:12	1
Bromomethane	0.50	U	1.0	0.50	0.30	ug/L		01/26/21 12:12	1
Carbon disulfide	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 12:12	1
Carbon tetrachloride	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
Chlorobenzene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
Chloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
Chloroform	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
Chloromethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
cis-1,2-Dichloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
cis-1,3-Dichloropropene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
Dibromochloromethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
Dibromomethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
Dichlorodifluoromethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/26/21 12:12	1
Hexachlorobutadiene	4.0	U	5.0	4.0	2.0	ug/L		01/26/21 12:12	1

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-88000/10
Matrix: Water
Analysis Batch: 88000

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Isopropylbenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 12:12	1
m&p-Xylene	2.0	U	5.0	2.0	1.0	ug/L		01/26/21 12:12	1
Methyl tertiary butyl ether	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
Methylene Chloride	0.50	U	1.0	0.50	0.30	ug/L		01/26/21 12:12	1
Naphthalene	2.0	U	5.0	2.0	1.0	ug/L		01/26/21 12:12	1
n-Butylbenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 12:12	1
N-Propylbenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 12:12	1
o-Xylene	0.80	U M	1.0	0.80	0.40	ug/L		01/26/21 12:12	1
p-Isopropyltoluene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 12:12	1
sec-Butylbenzene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 12:12	1
Styrene	0.50	U	5.0	0.50	0.20	ug/L		01/26/21 12:12	1
tert-Butylbenzene	1.0	U	5.0	1.0	0.30	ug/L		01/26/21 12:12	1
Tetrachloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
trans-1,2-Dichloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
trans-1,3-Dichloropropene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
Trichloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
Trichlorofluoromethane	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
Vinyl acetate	2.0	U	10	2.0	0.70	ug/L		01/26/21 12:12	1
Vinyl chloride	0.50	U	1.0	0.50	0.20	ug/L		01/26/21 12:12	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/26/21 12:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*01/26/21 12:12*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/26/21 12:12*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 119*		*01/26/21 12:12*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*01/26/21 12:12*	*1*

Lab Sample ID: LCS 410-88000/6
Matrix: Water
Analysis Batch: 88000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	20.0	19.3		ug/L		97	78 - 124
1,1,1-Trichloroethane	20.0	21.0		ug/L		105	74 - 131
1,1,2,2-Tetrachloroethane	20.0	20.3		ug/L		102	71 - 121
1,1,2-Trichloroethane	20.0	21.0		ug/L		105	80 - 119
1,1-Dichloroethane	20.0	21.1		ug/L		105	77 - 125
1,1-Dichloroethene	20.0	21.3		ug/L		106	71 - 131
1,1-Dichloropropene	20.0	21.4		ug/L		107	79 - 125
1,2,3-Trichlorobenzene	20.0	18.0		ug/L		90	69 - 129
1,2,3-Trichloropropane	20.0	20.8		ug/L		104	73 - 122
1,2,4-Trichlorobenzene	20.0	18.0		ug/L		90	69 - 130
1,2,4-Trimethylbenzene	20.0	19.2		ug/L		96	76 - 124
1,2-Dibromo-3-Chloropropane	20.0	18.4		ug/L		92	62 - 128
1,2-Dibromoethane	20.0	19.7		ug/L		98	77 - 121
1,2-Dichlorobenzene	20.0	19.8		ug/L		99	80 - 119
1,2-Dichloroethane	20.0	21.0		ug/L		105	73 - 128

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-88000/6
Matrix: Water
Analysis Batch: 88000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	20.0	20.9		ug/L		105	78 - 122
1,3,5-Trimethylbenzene	20.0	19.1		ug/L		95	75 - 124
1,3-Dichlorobenzene	20.0	19.8		ug/L		99	80 - 119
1,3-Dichloropropane	20.0	19.9		ug/L		100	80 - 119
1,4-Dichlorobenzene	20.0	19.9		ug/L		100	79 - 118
2,2-Dichloropropane	20.0	20.5		ug/L		102	60 - 139
2-Butanone	150	141		ug/L		94	56 - 143
2-Chlorotoluene	20.0	19.8		ug/L		99	79 - 122
2-Hexanone	100	90.7		ug/L		91	57 - 139
4-Chlorotoluene	20.0	19.8		ug/L		99	78 - 122
4-Methyl-2-pentanone	100	94.1		ug/L		94	67 - 130
Acetone	150	145		ug/L		97	39 - 160
Acrolein	150	138		ug/L		92	39 - 155
Acrylonitrile	100	95.9		ug/L		96	63 - 135
Benzene	20.0	21.8		ug/L		109	42 - 138
Bromobenzene	20.0	19.9		ug/L		100	80 - 120
Bromochloromethane	20.0	20.2		ug/L		101	78 - 123
Bromodichloromethane	20.0	20.7		ug/L		103	79 - 125
Bromoform	20.0	17.3		ug/L		86	66 - 130
Bromomethane	20.0	19.3		ug/L		97	53 - 141
Carbon disulfide	20.0	20.9		ug/L		105	64 - 133
Carbon tetrachloride	20.0	19.8		ug/L		99	72 - 136
Chlorobenzene	20.0	20.7		ug/L		104	82 - 118
Chloroethane	20.0	18.4		ug/L		92	60 - 138
Chloroform	20.0	21.3		ug/L		107	79 - 124
Chloromethane	20.0	16.9		ug/L		85	50 - 139
cis-1,2-Dichloroethene	20.0	22.4		ug/L		112	78 - 123
cis-1,3-Dichloropropene	20.0	19.9		ug/L		99	75 - 124
Dibromochloromethane	20.0	19.6		ug/L		98	74 - 126
Dibromomethane	20.0	21.5		ug/L		107	79 - 123
Dichlorodifluoromethane	20.0	16.5		ug/L		83	32 - 152
Ethylbenzene	20.0	19.7		ug/L		99	79 - 121
Hexachlorobutadiene	20.0	15.8		ug/L		79	66 - 134
Isopropylbenzene	20.0	19.2		ug/L		96	72 - 131
m&p-Xylene	40.0	41.0		ug/L		103	80 - 121
Methyl tertiary butyl ether	20.0	19.4		ug/L		97	71 - 124
Methylene Chloride	20.0	22.0		ug/L		110	74 - 124
Naphthalene	20.0	19.0		ug/L		95	61 - 128
n-Butylbenzene	20.0	18.2		ug/L		91	75 - 128
N-Propylbenzene	20.0	19.9		ug/L		99	76 - 126
o-Xylene	20.0	17.7		ug/L		89	78 - 122
p-Isopropyltoluene	20.0	18.4		ug/L		92	77 - 127
sec-Butylbenzene	20.0	19.1		ug/L		95	77 - 126
Styrene	20.0	19.1		ug/L		95	78 - 123
tert-Butylbenzene	20.0	19.0		ug/L		95	78 - 124
Tetrachloroethene	20.0	19.7		ug/L		98	74 - 129
Toluene	20.0	20.1		ug/L		100	80 - 121
trans-1,2-Dichloroethene	20.0	21.8		ug/L		109	75 - 124
trans-1,3-Dichloropropene	20.0	18.7		ug/L		94	73 - 127

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-88000/6
Matrix: Water
Analysis Batch: 88000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	20.0	21.3		ug/L		107	79 - 123
Trichlorofluoromethane	20.0	18.0		ug/L		90	65 - 141
Vinyl chloride	20.0	18.7		ug/L		93	58 - 137
Xylenes, Total	60.0	58.7		ug/L		98	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*
Dibromofluoromethane (Surr)	*103*		*80 - 119*
Toluene-d8 (Surr)	*98*		*89 - 112*

Lab Sample ID: LCS 410-88000/7
Matrix: Water
Analysis Batch: 88000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl acetate	100	115		ug/L		115	54 - 146

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*
Dibromofluoromethane (Surr)	*102*		*80 - 119*
Toluene-d8 (Surr)	*98*		*89 - 112*

Lab Sample ID: MB 410-88482/10
Matrix: Water
Analysis Batch: 88482

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/27/21 12:06	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/27/21 12:06	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/27/21 12:06	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/27/21 12:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*01/27/21 12:06*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*01/27/21 12:06*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/27/21 12:06*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/27/21 12:06*	*1*

Lab Sample ID: LCS 410-88482/6
Matrix: Water
Analysis Batch: 88482

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	21.9		ug/L		109	42 - 138
Ethylbenzene	20.0	20.1		ug/L		101	79 - 121
Toluene	20.0	20.2		ug/L		101	80 - 121

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-88482/6
Matrix: Water
Analysis Batch: 88482

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Xylenes, Total	60.0	58.6		ug/L		98	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*
Dibromofluoromethane (Surr)	*104*		*80 - 119*
Toluene-d8 (Surr)	*98*		*89 - 112*

Lab Sample ID: MB 410-88760/8
Matrix: Water
Analysis Batch: 88760

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	0.30	ug/L		01/28/21 00:13	1
1,1,2,2-Tetrachloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
1,1,2-Trichloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
1,1-Dichloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
1,1-Dichloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
1,1-Dichloropropene	0.50	U	5.0	0.50	0.20	ug/L		01/28/21 00:13	1
1,2,3-Trichlorobenzene	1.0	U	5.0	1.0	0.40	ug/L		01/28/21 00:13	1
1,2,3-Trichloropropane	0.50	U	5.0	0.50	0.20	ug/L		01/28/21 00:13	1
1,2,4-Trichlorobenzene	1.0	U	5.0	1.0	0.30	ug/L		01/28/21 00:13	1
1,2,4-Trimethylbenzene	2.0	U	5.0	2.0	1.0	ug/L		01/28/21 00:13	1
1,2-Dibromo-3-Chloropropane	1.0	U	5.0	1.0	0.30	ug/L		01/28/21 00:13	1
1,2-Dibromoethane	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
1,2-Dichlorobenzene	0.50	U	5.0	0.50	0.20	ug/L		01/28/21 00:13	1
1,2-Dichloroethane	0.50	U	1.0	0.50	0.30	ug/L		01/28/21 00:13	1
1,2-Dichloropropane	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
1,3,5-Trimethylbenzene	1.0	U	5.0	1.0	0.30	ug/L		01/28/21 00:13	1
1,3-Dichlorobenzene	0.50	U	5.0	0.50	0.20	ug/L		01/28/21 00:13	1
1,3-Dichloropropane	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
1,4-Dichlorobenzene	0.50	U	5.0	0.50	0.20	ug/L		01/28/21 00:13	1
2,2-Dichloropropane	0.50	U	1.0	0.50	0.30	ug/L		01/28/21 00:13	1
2-Butanone	1.0	U	10	1.0	0.30	ug/L		01/28/21 00:13	1
2-Chlorotoluene	0.50	U	5.0	0.50	0.20	ug/L		01/28/21 00:13	1
2-Hexanone	1.0	U	10	1.0	0.30	ug/L		01/28/21 00:13	1
4-Chlorotoluene	0.50	U	5.0	0.50	0.20	ug/L		01/28/21 00:13	1
4-Methyl-2-pentanone	1.0	U	10	1.0	0.50	ug/L		01/28/21 00:13	1
Acetone	2.0	U	20	2.0	0.70	ug/L		01/28/21 00:13	1
Acrolein	5.0	U	100	5.0	3.0	ug/L		01/28/21 00:13	1
Acrylonitrile	1.0	U	20	1.0	0.30	ug/L		01/28/21 00:13	1
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Bromobenzene	0.50	U	5.0	0.50	0.20	ug/L		01/28/21 00:13	1
Bromochloromethane	0.50	U	5.0	0.50	0.20	ug/L		01/28/21 00:13	1
Bromodichloromethane	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Bromoform	2.0	U	4.0	2.0	1.0	ug/L		01/28/21 00:13	1
Bromomethane	0.50	U	1.0	0.50	0.30	ug/L		01/28/21 00:13	1

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-88760/8
Matrix: Water
Analysis Batch: 88760

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Carbon disulfide	0.50	U	5.0	0.50	0.20	ug/L		01/28/21 00:13	1
Carbon tetrachloride	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Chlorobenzene	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Chloroethane	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Chloroform	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Chloromethane	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
cis-1,2-Dichloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
cis-1,3-Dichloropropene	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Dibromochloromethane	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Dibromomethane	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Dichlorodifluoromethane	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/28/21 00:13	1
Hexachlorobutadiene	4.0	U	5.0	4.0	2.0	ug/L		01/28/21 00:13	1
Isopropylbenzene	0.50	U	5.0	0.50	0.20	ug/L		01/28/21 00:13	1
m&p-Xylene	2.0	U	5.0	2.0	1.0	ug/L		01/28/21 00:13	1
Methyl tertiary butyl ether	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Methylene Chloride	0.50	U	1.0	0.50	0.30	ug/L		01/28/21 00:13	1
Naphthalene	2.0	U	5.0	2.0	1.0	ug/L		01/28/21 00:13	1
n-Butylbenzene	0.50	U	5.0	0.50	0.20	ug/L		01/28/21 00:13	1
N-Propylbenzene	0.50	U	5.0	0.50	0.20	ug/L		01/28/21 00:13	1
o-Xylene	0.80	U	1.0	0.80	0.40	ug/L		01/28/21 00:13	1
p-Isopropyltoluene	0.50	U	5.0	0.50	0.20	ug/L		01/28/21 00:13	1
sec-Butylbenzene	0.50	U	5.0	0.50	0.20	ug/L		01/28/21 00:13	1
Styrene	0.50	U	5.0	0.50	0.20	ug/L		01/28/21 00:13	1
tert-Butylbenzene	1.0	U	5.0	1.0	0.30	ug/L		01/28/21 00:13	1
Tetrachloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
trans-1,2-Dichloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
trans-1,3-Dichloropropene	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Trichloroethene	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Trichlorofluoromethane	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Vinyl acetate	2.0	U	10	2.0	0.70	ug/L		01/28/21 00:13	1
Vinyl chloride	0.50	U	1.0	0.50	0.20	ug/L		01/28/21 00:13	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/28/21 00:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*01/28/21 00:13*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/28/21 00:13*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/28/21 00:13*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*01/28/21 00:13*	*1*

Lab Sample ID: LCS 410-88760/5
Matrix: Water
Analysis Batch: 88760

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	20.0	18.7		ug/L		93	78 - 124
1,1,1-Trichloroethane	20.0	20.9		ug/L		104	74 - 131

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QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-88760/5
Matrix: Water
Analysis Batch: 88760

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/L		97	71 - 121
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	80 - 119
1,1-Dichloroethane	20.0	21.3		ug/L		106	77 - 125
1,1-Dichloroethene	20.0	22.0		ug/L		110	71 - 131
1,1-Dichloropropene	20.0	21.3		ug/L		107	79 - 125
1,2,3-Trichlorobenzene	20.0	17.9		ug/L		89	69 - 129
1,2,3-Trichloropropane	20.0	20.0		ug/L		100	73 - 122
1,2,4-Trichlorobenzene	20.0	17.9		ug/L		90	69 - 130
1,2,4-Trimethylbenzene	20.0	18.9		ug/L		95	76 - 124
1,2-Dibromo-3-Chloropropane	20.0	17.9		ug/L		90	62 - 128
1,2-Dibromoethane	20.0	19.5		ug/L		97	77 - 121
1,2-Dichlorobenzene	20.0	19.3		ug/L		96	80 - 119
1,2-Dichloroethane	20.0	21.0		ug/L		105	73 - 128
1,2-Dichloropropane	20.0	20.3		ug/L		101	78 - 122
1,3,5-Trimethylbenzene	20.0	18.7		ug/L		93	75 - 124
1,3-Dichlorobenzene	20.0	19.2		ug/L		96	80 - 119
1,3-Dichloropropane	20.0	19.0		ug/L		95	80 - 119
1,4-Dichlorobenzene	20.0	19.3		ug/L		96	79 - 118
2,2-Dichloropropane	20.0	20.1		ug/L		100	60 - 139
2-Butanone	150	138		ug/L		92	56 - 143
2-Chlorotoluene	20.0	19.2		ug/L		96	79 - 122
2-Hexanone	100	87.5		ug/L		88	57 - 139
4-Chlorotoluene	20.0	19.8		ug/L		99	78 - 122
4-Methyl-2-pentanone	100	93.2		ug/L		93	67 - 130
Acetone	150	141		ug/L		94	39 - 160
Acrolein	150	128		ug/L		85	39 - 155
Acrylonitrile	100	93.9		ug/L		94	63 - 135
Benzene	20.0	21.5		ug/L		107	42 - 138
Bromobenzene	20.0	19.3		ug/L		96	80 - 120
Bromochloromethane	20.0	19.6		ug/L		98	78 - 123
Bromodichloromethane	20.0	20.7		ug/L		103	79 - 125
Bromoform	20.0	17.3		ug/L		86	66 - 130
Bromomethane	20.0	19.8		ug/L		99	53 - 141
Carbon disulfide	20.0	21.8		ug/L		109	64 - 133
Carbon tetrachloride	20.0	19.7		ug/L		98	72 - 136
Chlorobenzene	20.0	20.1		ug/L		101	82 - 118
Chloroethane	20.0	19.0		ug/L		95	60 - 138
Chloroform	20.0	21.2		ug/L		106	79 - 124
Chloromethane	20.0	17.1		ug/L		85	50 - 139
cis-1,2-Dichloroethene	20.0	22.5		ug/L		112	78 - 123
cis-1,3-Dichloropropene	20.0	19.6		ug/L		98	75 - 124
Dibromochloromethane	20.0	19.2		ug/L		96	74 - 126
Dibromomethane	20.0	21.0		ug/L		105	79 - 123
Dichlorodifluoromethane	20.0	16.4	M	ug/L		82	32 - 152
Ethylbenzene	20.0	19.3		ug/L		97	79 - 121
Hexachlorobutadiene	20.0	15.4		ug/L		77	66 - 134
Isopropylbenzene	20.0	18.7		ug/L		94	72 - 131
m&p-Xylene	40.0	38.9		ug/L		97	80 - 121
Methyl tertiary butyl ether	20.0	19.6		ug/L		98	71 - 124

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-88760/5
Matrix: Water
Analysis Batch: 88760

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	20.0	22.4		ug/L		112	74 - 124
Naphthalene	20.0	18.6		ug/L		93	61 - 128
n-Butylbenzene	20.0	17.9		ug/L		89	75 - 128
N-Propylbenzene	20.0	19.4		ug/L		97	76 - 126
o-Xylene	20.0	17.5		ug/L		88	78 - 122
p-Isopropyltoluene	20.0	18.3		ug/L		91	77 - 127
sec-Butylbenzene	20.0	18.7		ug/L		94	77 - 126
Styrene	20.0	18.4		ug/L		92	78 - 123
tert-Butylbenzene	20.0	17.7		ug/L		89	78 - 124
Tetrachloroethene	20.0	18.8		ug/L		94	74 - 129
Toluene	20.0	19.6		ug/L		98	80 - 121
trans-1,2-Dichloroethene	20.0	21.7		ug/L		108	75 - 124
trans-1,3-Dichloropropene	20.0	18.2		ug/L		91	73 - 127
Trichloroethene	20.0	21.0		ug/L		105	79 - 123
Trichlorofluoromethane	20.0	17.9		ug/L		89	65 - 141
Vinyl chloride	20.0	18.2		ug/L		91	58 - 137
Xylenes, Total	60.0	56.4		ug/L		94	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*
Dibromofluoromethane (Surr)	*103*		*80 - 119*
Toluene-d8 (Surr)	*97*		*89 - 112*

Lab Sample ID: LCS 410-88760/6
Matrix: Water
Analysis Batch: 88760

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl acetate	100	119		ug/L		119	54 - 146

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*
Dibromofluoromethane (Surr)	*102*		*80 - 119*
Toluene-d8 (Surr)	*97*		*89 - 112*

Method: 8015D GRO - Gasoline Range Organics (GRO)

Lab Sample ID: MB 410-86343/7
Matrix: Water
Analysis Batch: 86343

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
GRO (1C)	40	U M	50	40	23	ug/L		01/20/21 14:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid) (1C)	*93*		*63 - 135*		*01/20/21 14:19*	*1*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Method: 8015D GRO - Gasoline Range Organics (GRO)

Lab Sample ID: LCS 410-86343/8
Matrix: Water
Analysis Batch: 86343

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (1C)			1100	1140	M	ug/L		103	78 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid) (1C)	*91*		*63 - 135*

Lab Sample ID: LCSD 410-86343/9
Matrix: Water
Analysis Batch: 86343

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (1C)			1100	1120	M	ug/L		102	78 - 122	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid) (1C)	*96*		*63 - 135*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-86617/1-A
Matrix: Water
Analysis Batch: 87907

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86617

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/25/21 20:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*96*		*46 - 136*	*01/20/21 23:30*	*01/25/21 20:49*	*1*
1,1,2,2-Tetrachloroethane (2C)	*93*		*46 - 136*	*01/20/21 23:30*	*01/25/21 20:49*	*1*

Lab Sample ID: LCS 410-86617/2-A
Matrix: Water
Analysis Batch: 87907

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86617

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide (1C)			0.128	0.146		ug/L		114	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*96*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*89*		*46 - 136*

Lab Sample ID: LCSD 410-86617/3-A
Matrix: Water
Analysis Batch: 87907

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86617

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.129		ug/L		100	60 - 140	13	20

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCSD 410-86617/3-A
Matrix: Water
Analysis Batch: 87907

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86617

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*90*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*89*		*46 - 136*

Lab Sample ID: 410-26694-4 MS
Matrix: Water
Analysis Batch: 87907

Client Sample ID: TB211-29
Prep Type: Total/NA
Prep Batch: 86617

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide (1C)	0.019	U	0.122	0.110		ug/L		91	60 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*87*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*88*		*46 - 136*

Lab Sample ID: 410-26694-5 DU
Matrix: Water
Analysis Batch: 87969

Client Sample ID: GWS10-443-211
Prep Type: Total/NA
Prep Batch: 86617

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Ethylene Dibromide (1C)	200	D		198	D	ug/L				1	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*0*	*S1-*	*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*0*	*S1-*	*46 - 136*

Method: 8015D DRO - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 410-87104/1-A
Matrix: Water
Analysis Batch: 87223

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87104

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
DRO (C10-C28) (1C)	90	U M	100	90	45	ug/L		01/22/21 17:43	1
ORO (>C28-C40) (1C)	90	U M	100	90	45	ug/L		01/22/21 17:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*77*		*56 - 125*	*01/22/21 09:30*	*01/22/21 17:43*	*1*

Lab Sample ID: LCS 410-87104/2-A
Matrix: Water
Analysis Batch: 87223

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87104

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
DRO (C10-C28) (1C)			602	401		ug/L		67	36 - 132		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o- terphenyl (Surr) (1C)	*84*		*56 - 125*

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QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 410-86002/4
Matrix: Water
Analysis Batch: 86002

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bromide	0.40	U	0.50	0.40	0.25	mg/L		01/19/21 10:51	1
Chloride	0.30	U	0.40	0.30	0.20	mg/L		01/19/21 10:51	1
Sulfate	0.90	U	1.0	0.90	0.30	mg/L		01/19/21 10:51	1

Lab Sample ID: LCS 410-86002/3
Matrix: Water
Analysis Batch: 86002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromide	7.50	7.09		mg/L		95	90 - 110
Chloride	3.00	2.93		mg/L		98	90 - 110
Sulfate	7.50	7.33		mg/L		98	90 - 110

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-85795/1-A
Matrix: Water
Analysis Batch: 86034

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 85795

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		01/19/21 11:57	1

Lab Sample ID: MB 410-85795/1-A
Matrix: Water
Analysis Batch: 86137

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 85795

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/19/21 18:34	1

Lab Sample ID: LCS 410-85795/2-A
Matrix: Water
Analysis Batch: 86034

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85795

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	0.0200	0.0219		mg/L		110	90 - 114

Lab Sample ID: LCS 410-85795/2-A
Matrix: Water
Analysis Batch: 86137

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85795

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.400	0.394		mg/L		98	87 - 115

Lab Sample ID: MB 410-85761/1-A
Matrix: Water
Analysis Batch: 86726

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 85761

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Calcium	0.15	U	0.20	0.15	0.096	mg/L		01/20/21 14:59	1
Potassium	0.45	U ^3+	0.50	0.45	0.20	mg/L		01/20/21 14:59	1

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QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 410-85761/1-A
Matrix: Water
Analysis Batch: 86726

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 85761

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Sodium	0.50	U	1.0	0.50	0.24	mg/L		01/20/21 14:59	1

Lab Sample ID: MB 410-85761/1-A
Matrix: Water
Analysis Batch: 87495

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 85761

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Magnesium	0.075	U	0.10	0.075	0.040	mg/L		01/24/21 11:26	1

Lab Sample ID: LCS 410-85761/2-A
Matrix: Water
Analysis Batch: 86726

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 85761

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	0.400	0.394		mg/L		98	87 - 113
Sodium	2.00	2.02		mg/L		101	87 - 115

Lab Sample ID: LCS 410-85761/2-A
Matrix: Water
Analysis Batch: 87495

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 85761

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Magnesium	0.200	0.202		mg/L		101	85 - 113

Lab Sample ID: LCS 410-85761/2-A
Matrix: Water
Analysis Batch: 87506

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 85761

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Potassium	6.00	5.62		mg/L		94	86 - 114

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: 410-26694-3 MS
Matrix: Water
Analysis Batch: 86297

Client Sample ID: GW005-611
Prep Type: Total/NA
Prep Batch: 85765

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0014	J	0.0600	0.0630		mg/L		103	84 - 116
Lead	0.00024	J	0.0300	0.0307		mg/L		101	88 - 115

Lab Sample ID: 410-26694-3 MSD
Matrix: Water
Analysis Batch: 86297

Client Sample ID: GW005-611
Prep Type: Total/NA
Prep Batch: 85765

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0014	J	0.0600	0.0647		mg/L		106	84 - 116	3	20
Lead	0.00024	J	0.0300	0.0315		mg/L		104	88 - 115	3	20

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-26694-3 DU
Matrix: Water
Analysis Batch: 86297

Client Sample ID: GW005-611
Prep Type: Total/NA
Prep Batch: 85765

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Arsenic	0.0014	J		0.00138	J	mg/L				0.4	20
Lead	0.00024	J		0.000260	J	mg/L				9	20

Lab Sample ID: MB 410-85765/1-A
Matrix: Water
Analysis Batch: 86297

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 85765

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Arsenic	0.0016	U	0.0020	0.0016	0.00068	mg/L		01/19/21 14:59	1
Lead	0.00025	U	0.00050	0.00025	0.000071	mg/L		01/19/21 14:59	1

Lab Sample ID: LCS 410-85765/2-A
Matrix: Water
Analysis Batch: 86297

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 85765

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			0.0600	0.0608		mg/L		101	84 - 116		
Lead			0.0300	0.0298		mg/L		99	88 - 115		

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 410-86899/28
Matrix: Water
Analysis Batch: 86899

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/20/21 00:13	1
Carbonate Alkalinity as CaCO3	6.0	U	8.0	6.0	2.6	mg/L		01/20/21 00:13	1
Total Alkalinity as CaCO3 to pH 4.5	6.0	U	8.0	6.0	2.6	mg/L		01/20/21 00:13	1

Lab Sample ID: LCS 410-86899/29
Matrix: Water
Analysis Batch: 86899

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Alkalinity as CaCO3 to pH 4.5			189	174		mg/L		92	82 - 106		

Lab Sample ID: LCSD 410-86899/30
Matrix: Water
Analysis Batch: 86899

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			189	174		mg/L		92	82 - 106	0	10

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 410-86819/54
Matrix: Water
Analysis Batch: 86819

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Nitrate Nitrite as N	0.090	U	0.10	0.090	0.040	mg/L		01/21/21 09:22	1

Lab Sample ID: LCS 410-86819/55
Matrix: Water
Analysis Batch: 86819

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	2.50	2.49		mg/L		100	90 - 110

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

GC/MS VOA

Analysis Batch: 88000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-1	TB211-28	Total/NA	Water	8260C DOD	
410-26694-4	TB211-29	Total/NA	Water	8260C DOD	
410-26694-5	GWS10-443-211	Total/NA	Water	8260C DOD	
410-26694-5 - DL	GWS10-443-211	Total/NA	Water	8260C DOD	
410-26694-6	ER211-02	Total/NA	Water	8260C DOD	
MB 410-88000/10	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-88000/6	Lab Control Sample	Total/NA	Water	8260C DOD	
LCS 410-88000/7	Lab Control Sample	Total/NA	Water	8260C DOD	

Analysis Batch: 88482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-2	GW005-211	Total/NA	Water	8260C DOD	
410-26694-2 - DL	GW005-211	Total/NA	Water	8260C DOD	
MB 410-88482/10	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-88482/6	Lab Control Sample	Total/NA	Water	8260C DOD	

Analysis Batch: 88760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-3	GW005-611	Total/NA	Water	8260C DOD	
410-26694-3 - DL	GW005-611	Total/NA	Water	8260C DOD	
410-26694-5 - DL2	GWS10-443-211	Total/NA	Water	8260C DOD	
MB 410-88760/8	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-88760/5	Lab Control Sample	Total/NA	Water	8260C DOD	
LCS 410-88760/6	Lab Control Sample	Total/NA	Water	8260C DOD	

GC VOA

Analysis Batch: 86343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-4	TB211-29	Total/NA	Water	8015D GRO	
410-26694-5	GWS10-443-211	Total/NA	Water	8015D GRO	
410-26694-6	ER211-02	Total/NA	Water	8015D GRO	
MB 410-86343/7	Method Blank	Total/NA	Water	8015D GRO	
LCS 410-86343/8	Lab Control Sample	Total/NA	Water	8015D GRO	
LCSD 410-86343/9	Lab Control Sample Dup	Total/NA	Water	8015D GRO	

GC Semi VOA

Prep Batch: 86617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-1	TB211-28	Total/NA	Water	8011	
410-26694-2	GW005-211	Total/NA	Water	8011	
410-26694-3	GW005-611	Total/NA	Water	8011	
410-26694-4	TB211-29	Total/NA	Water	8011	
410-26694-5	GWS10-443-211	Total/NA	Water	8011	
410-26694-6	ER211-02	Total/NA	Water	8011	
MB 410-86617/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-86617/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-86617/3-A	Lab Control Sample Dup	Total/NA	Water	8011	
410-26694-4 MS	TB211-29	Total/NA	Water	8011	
410-26694-5 DU	GWS10-443-211	Total/NA	Water	8011	

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

GC Semi VOA

Prep Batch: 87104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-5	GWS10-443-211	Total/NA	Water	3510C	
410-26694-6	ER211-02	Total/NA	Water	3510C	
MB 410-87104/1-A	Method Blank	Total/NA	Water	3510C	
LCS 410-87104/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 87223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-5	GWS10-443-211	Total/NA	Water	8015D DRO	87104
410-26694-6	ER211-02	Total/NA	Water	8015D DRO	87104
MB 410-87104/1-A	Method Blank	Total/NA	Water	8015D DRO	87104
LCS 410-87104/2-A	Lab Control Sample	Total/NA	Water	8015D DRO	87104

Analysis Batch: 87907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-1	TB211-28	Total/NA	Water	8011	86617
410-26694-4	TB211-29	Total/NA	Water	8011	86617
410-26694-6	ER211-02	Total/NA	Water	8011	86617
MB 410-86617/1-A	Method Blank	Total/NA	Water	8011	86617
LCS 410-86617/2-A	Lab Control Sample	Total/NA	Water	8011	86617
LCSD 410-86617/3-A	Lab Control Sample Dup	Total/NA	Water	8011	86617
410-26694-4 MS	TB211-29	Total/NA	Water	8011	86617

Analysis Batch: 87969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-2	GW005-211	Total/NA	Water	8011	86617
410-26694-3	GW005-611	Total/NA	Water	8011	86617
410-26694-5	GWS10-443-211	Total/NA	Water	8011	86617
410-26694-5 DU	GWS10-443-211	Total/NA	Water	8011	86617

HPLC/IC

Analysis Batch: 86002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-2	GW005-211	Total/NA	Water	EPA 300.0 R2.1	
410-26694-2	GW005-211	Total/NA	Water	EPA 300.0 R2.1	
410-26694-3	GW005-611	Total/NA	Water	EPA 300.0 R2.1	
410-26694-3	GW005-611	Total/NA	Water	EPA 300.0 R2.1	
410-26694-5	GWS10-443-211	Total/NA	Water	EPA 300.0 R2.1	
MB 410-86002/4	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 410-86002/3	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 85761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-2	GW005-211	Total Recoverable	Water	3005A	
410-26694-3	GW005-611	Total Recoverable	Water	3005A	
410-26694-5	GWS10-443-211	Total Recoverable	Water	3005A	
410-26694-6	ER211-02	Total Recoverable	Water	3005A	
MB 410-85761/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-85761/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Metals

Prep Batch: 85765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-2	GW005-211	Total/NA	Water	3005A	
410-26694-3	GW005-611	Total/NA	Water	3005A	
410-26694-5	GWS10-443-211	Total/NA	Water	3005A	
410-26694-6	ER211-02	Total/NA	Water	3005A	
MB 410-85765/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-85765/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
410-26694-3 MS	GW005-611	Total/NA	Water	3005A	
410-26694-3 MSD	GW005-611	Total/NA	Water	3005A	
410-26694-3 DU	GW005-611	Total/NA	Water	3005A	

Prep Batch: 85795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-2	GW005-211	Dissolved	Water	Non-Digest Prep	
410-26694-3	GW005-611	Dissolved	Water	Non-Digest Prep	
410-26694-5	GWS10-443-211	Dissolved	Water	Non-Digest Prep	
MB 410-85795/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-85795/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	

Analysis Batch: 86034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-2	GW005-211	Dissolved	Water	6010C	85795
410-26694-3	GW005-611	Dissolved	Water	6010C	85795
410-26694-5	GWS10-443-211	Dissolved	Water	6010C	85795
MB 410-85795/1-A	Method Blank	Total/NA	Water	6010C	85795
LCS 410-85795/2-A	Lab Control Sample	Total/NA	Water	6010C	85795

Analysis Batch: 86137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-2	GW005-211	Dissolved	Water	6010C	85795
410-26694-3	GW005-611	Dissolved	Water	6010C	85795
410-26694-5	GWS10-443-211	Dissolved	Water	6010C	85795
MB 410-85795/1-A	Method Blank	Total/NA	Water	6010C	85795
LCS 410-85795/2-A	Lab Control Sample	Total/NA	Water	6010C	85795

Analysis Batch: 86297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-2	GW005-211	Total/NA	Water	6020A	85765
410-26694-3	GW005-611	Total/NA	Water	6020A	85765
410-26694-5	GWS10-443-211	Total/NA	Water	6020A	85765
410-26694-6	ER211-02	Total/NA	Water	6020A	85765
MB 410-85765/1-A	Method Blank	Total Recoverable	Water	6020A	85765
LCS 410-85765/2-A	Lab Control Sample	Total Recoverable	Water	6020A	85765
410-26694-3 MS	GW005-611	Total/NA	Water	6020A	85765
410-26694-3 MSD	GW005-611	Total/NA	Water	6020A	85765
410-26694-3 DU	GW005-611	Total/NA	Water	6020A	85765

Analysis Batch: 86726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-2	GW005-211	Total Recoverable	Water	6010C	85761
410-26694-3	GW005-611	Total Recoverable	Water	6010C	85761
410-26694-5	GWS10-443-211	Total Recoverable	Water	6010C	85761

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Metals (Continued)

Analysis Batch: 86726 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-6	ER211-02	Total Recoverable	Water	6010C	85761
MB 410-85761/1-A	Method Blank	Total Recoverable	Water	6010C	85761
LCS 410-85761/2-A	Lab Control Sample	Total Recoverable	Water	6010C	85761

Analysis Batch: 87495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-6	ER211-02	Total Recoverable	Water	6010C	85761
MB 410-85761/1-A	Method Blank	Total Recoverable	Water	6010C	85761
LCS 410-85761/2-A	Lab Control Sample	Total Recoverable	Water	6010C	85761

Analysis Batch: 87506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-2	GW005-211	Total Recoverable	Water	6010C	85761
410-26694-3	GW005-611	Total Recoverable	Water	6010C	85761
410-26694-5	GWS10-443-211	Total Recoverable	Water	6010C	85761
LCS 410-85761/2-A	Lab Control Sample	Total Recoverable	Water	6010C	85761

General Chemistry

Analysis Batch: 86819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-2	GW005-211	Total/NA	Water	353.2	
410-26694-3	GW005-611	Total/NA	Water	353.2	
410-26694-5	GWS10-443-211	Total/NA	Water	353.2	
MB 410-86819/54	Method Blank	Total/NA	Water	353.2	
LCS 410-86819/55	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 86899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26694-2	GW005-211	Total/NA	Water	2320B-2011	
410-26694-3	GW005-611	Total/NA	Water	2320B-2011	
410-26694-5	GWS10-443-211	Total/NA	Water	2320B-2011	
MB 410-86899/28	Method Blank	Total/NA	Water	2320B-2011	
LCS 410-86899/29	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 410-86899/30	Lab Control Sample Dup	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Client Sample ID: TB211-28

Lab Sample ID: 410-26694-1
Matrix: Water
Date Collected: 01/15/21 15:15
Date Received: 01/16/21 10:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	88000	01/26/21 14:08	TQ4J	ELLE
Total/NA	Prep	8011			86617	01/20/21 23:30	UKQ8	ELLE
Total/NA	Analysis	8011		1	87907	01/25/21 21:56	UAMZ	ELLE

Client Sample ID: GW005-211

Lab Sample ID: 410-26694-2
Matrix: Water
Date Collected: 01/15/21 13:25
Date Received: 01/16/21 10:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	88482	01/27/21 19:50	K4WN	ELLE
Total/NA	Analysis	8260C DOD	DL	10	88482	01/27/21 20:12	K4WN	ELLE
Total/NA	Prep	8011			86617	01/20/21 23:30	UKQ8	ELLE
Total/NA	Analysis	8011		5	87969	01/26/21 08:01	UAMZ	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	86002	01/19/21 12:58	GJ35	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		50	86002	01/19/21 13:16	GJ35	ELLE
Dissolved	Prep	Non-Digest Prep			85795	01/19/21 05:20	UJL8	ELLE
Dissolved	Analysis	6010C		1	86137	01/19/21 19:00	UCIG	ELLE
Dissolved	Prep	Non-Digest Prep			85795	01/19/21 05:20	UJL8	ELLE
Dissolved	Analysis	6010C		1	86034	01/19/21 12:26	MDP5	ELLE
Total Recoverable	Prep	3005A			85761	01/19/21 01:14	UJL8	ELLE
Total Recoverable	Analysis	6010C		1	87506	01/24/21 15:56	SB	ELLE
Total Recoverable	Prep	3005A			85761	01/19/21 01:14	UJL8	ELLE
Total Recoverable	Analysis	6010C		1	86726	01/20/21 16:11	MDP5	ELLE
Total/NA	Prep	3005A			85765	01/19/21 01:38	UJL8	ELLE
Total/NA	Analysis	6020A		1	86297	01/19/21 15:25	V5SW	ELLE
Total/NA	Analysis	2320B-2011		1	86899	01/20/21 02:02	JB	ELLE
Total/NA	Analysis	353.2		1	86819	01/21/21 08:33	MFV9	ELLE

Client Sample ID: GW005-611

Lab Sample ID: 410-26694-3
Matrix: Water
Date Collected: 01/15/21 13:25
Date Received: 01/16/21 10:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	88760	01/28/21 05:00	TQ4J	ELLE
Total/NA	Analysis	8260C DOD	DL	10	88760	01/28/21 05:22	TQ4J	ELLE
Total/NA	Prep	8011			86617	01/20/21 23:30	UKQ8	ELLE
Total/NA	Analysis	8011		5	87969	01/26/21 08:18	UAMZ	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	86002	01/19/21 12:04	GJ35	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		50	86002	01/19/21 12:22	GJ35	ELLE
Dissolved	Prep	Non-Digest Prep			85795	01/19/21 05:20	UJL8	ELLE
Dissolved	Analysis	6010C		1	86137	01/19/21 19:24	UCIG	ELLE
Dissolved	Prep	Non-Digest Prep			85795	01/19/21 05:20	UJL8	ELLE
Dissolved	Analysis	6010C		1	86034	01/19/21 12:47	MDP5	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Client Sample ID: GW005-611

Lab Sample ID: 410-26694-3
Matrix: Water
Date Collected: 01/15/21 13:25
Date Received: 01/16/21 10:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			85761	01/19/21 01:14	UJL8	ELLE
Total Recoverable	Analysis	6010C		1	87506	01/24/21 15:59	SB	ELLE
Total Recoverable	Prep	3005A			85761	01/19/21 01:14	UJL8	ELLE
Total Recoverable	Analysis	6010C		1	86726	01/20/21 16:13	MDP5	ELLE
Total/NA	Prep	3005A			85765	01/19/21 01:38	UJL8	ELLE
Total/NA	Analysis	6020A		1	86297	01/19/21 15:03	V5SW	ELLE
Total/NA	Analysis	2320B-2011		1	86899	01/20/21 02:08	JB	ELLE
Total/NA	Analysis	353.2		1	86819	01/21/21 08:34	MFV9	ELLE

Client Sample ID: TB211-29

Lab Sample ID: 410-26694-4
Matrix: Water
Date Collected: 01/15/21 15:15
Date Received: 01/16/21 10:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	88000	01/26/21 14:30	TQ4J	ELLE
Total/NA	Analysis	8015D GRO		1	86343	01/20/21 15:29	JJT8	ELLE
Total/NA	Prep	8011			86617	01/20/21 23:30	UKQ8	ELLE
Total/NA	Analysis	8011		1	87907	01/25/21 22:46	UAMZ	ELLE

Client Sample ID: GWS10-443-211

Lab Sample ID: 410-26694-5
Matrix: Water
Date Collected: 01/15/21 09:25
Date Received: 01/16/21 10:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		5	88000	01/26/21 19:18	TQ4J	ELLE
Total/NA	Analysis	8260C DOD	DL	50	88000	01/26/21 19:40	TQ4J	ELLE
Total/NA	Analysis	8260C DOD	DL2	500	88760	01/28/21 06:28	TQ4J	ELLE
Total/NA	Analysis	8015D GRO		25	86343	01/20/21 19:01	JJT8	ELLE
Total/NA	Prep	8011			86617	01/20/21 23:30	UKQ8	ELLE
Total/NA	Analysis	8011		2000	87969	01/26/21 09:24	UAMZ	ELLE
Total/NA	Prep	3510C			87104	01/22/21 09:30	U2SJ	ELLE
Total/NA	Analysis	8015D DRO		5	87223	01/22/21 20:27	IUSB	ELLE
Total/NA	Analysis	EPA 300.0 R2.1		5	86002	01/19/21 16:17	GJ35	ELLE
Dissolved	Prep	Non-Digest Prep			85795	01/19/21 05:20	UJL8	ELLE
Dissolved	Analysis	6010C		1	86137	01/19/21 19:10	UCIG	ELLE
Dissolved	Prep	Non-Digest Prep			85795	01/19/21 05:20	UJL8	ELLE
Dissolved	Analysis	6010C		1	86034	01/19/21 12:38	MDP5	ELLE
Total Recoverable	Prep	3005A			85761	01/19/21 01:14	UJL8	ELLE
Total Recoverable	Analysis	6010C		1	87506	01/24/21 15:53	SB	ELLE
Total Recoverable	Prep	3005A			85761	01/19/21 01:14	UJL8	ELLE
Total Recoverable	Analysis	6010C		1	86726	01/20/21 15:57	MDP5	ELLE
Total/NA	Prep	3005A			85765	01/19/21 01:38	UJL8	ELLE
Total/NA	Analysis	6020A		1	86297	01/19/21 15:15	V5SW	ELLE
Total/NA	Analysis	2320B-2011		1	86899	01/20/21 02:15	JB	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Client Sample ID: GWS10-443-211

Lab Sample ID: 410-26694-5
Matrix: Water
Date Collected: 01/15/21 09:25
Date Received: 01/16/21 10:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	353.2		1	86819	01/21/21 08:36	MFV9	ELLE

Client Sample ID: ER211-02

Lab Sample ID: 410-26694-6
Matrix: Water
Date Collected: 01/15/21 14:15
Date Received: 01/16/21 10:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	88000	01/26/21 18:55	TQ4J	ELLE
Total/NA	Analysis	8015D GRO		1	86343	01/20/21 16:40	JJT8	ELLE
Total/NA	Prep	8011			86617	01/20/21 23:30	UKQ8	ELLE
Total/NA	Analysis	8011		1	87907	01/25/21 23:53	UAMZ	ELLE
Total/NA	Prep	3510C			87104	01/22/21 09:30	U2SJ	ELLE
Total/NA	Analysis	8015D DRO		1	87223	01/22/21 18:52	IUSB	ELLE
Total Recoverable	Prep	3005A			85761	01/19/21 01:14	UJL8	ELLE
Total Recoverable	Analysis	6010C		1	86726	01/20/21 16:16	MDP5	ELLE
Total Recoverable	Prep	3005A			85761	01/19/21 01:14	UJL8	ELLE
Total Recoverable	Analysis	6010C		1	87495	01/24/21 12:16	SB	ELLE
Total/NA	Prep	3005A			85765	01/19/21 01:38	UJL8	ELLE
Total/NA	Analysis	6020A		1	86297	01/19/21 15:17	V5SW	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26694-1
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	11-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015D DRO	3510C	Water	ORO (>C28-C40) (1C)

Method Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8015D GRO	Gasoline Range Organics (GRO)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
8015D DRO	Diesel Range Organics (DRO) (GC)	SW846	ELLE
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	ELLE
6010C	Metals (ICP)	SW846	ELLE
6020A	Metals (ICP/MS)	SW846	ELLE
2320B-2011	Alkalinity, Total	SM	ELLE
353.2	Nitrogen, Nitrate-Nitrite	MCAWW	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ELLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency
MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - GWM & IRM Op Mod

Job ID: 410-26694-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-26694-1	TB211-28	Water	01/15/21 15:15	01/16/21 10:26	
410-26694-2	GW005-211	Water	01/15/21 13:25	01/16/21 10:26	
410-26694-3	GW005-611	Water	01/15/21 13:25	01/16/21 10:26	
410-26694-4	TB211-29	Water	01/15/21 15:15	01/16/21 10:26	
410-26694-5	GWS10-443-211	Water	01/15/21 09:25	01/16/21 10:26	
410-26694-6	ER211-02	Water	01/15/21 14:15	01/16/21 10:26	

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUST(

410-26694 Chain of Custody

COC NUMBER: COC-TB211-28

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR: 2021
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-28	1-15-2021	1515	4	—	2	—	2						

Associated with: GW005-211
GW005-611

TB211

SAMPLER(S): D. Schweelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7740

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature:			Printed Name and Signature:		
D. Schweelk	1-15-21	1700			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Nicole Reiff	1/16/21	1031

RM

Page 46 of 51

2/5/2021 MP

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-005-211

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA	2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188		

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	GW005-211	1-15-21	1325	10	—	3	—	2	1	1*	1	1	1	
2	GW005-611	1-15-21	1325	10	—	3	—	2	1	1*	1	1	1	

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

pump: 1807B-902

TB211-28

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7740

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-15-21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reiff	1/16/21	1031

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB211-29

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	6360401	Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111 | LAB PO NUMBER: 21295 | LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	TPH - GRO	~~(8015C) (8260C) BTEX~~	~~TPH DRO~~	(8011) EDB	(6020A/6010C)Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	TB211-29	1-15-2021	1515	8	3	3	2		2						

~~Associated with:~~ Associated with; ~~GWS10-413-211~~ & GWS10-211
ER 211-02

~~TB211-~~

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7750

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	1-15-21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Westley Miller	1/16/21	1426

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-S10-443-211

PROJECT NAME: Kirtland AFB ~~Bulk Fuels~~ ~~Facility~~ GWM & IRM Op Mod

PROJECT NUMBER: 6360401

LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601

FAX AND MAIL REPORTS/EDD TO: ~~Tara Lamond: tlamond@eaest.com EA~~ JS; Amanda Smith: asmith@eaest.com EA

FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA

YEAR: 2021

QUARTER: 1 (Jan-Mar)

PROJECT SITE AND PHASE: ST106/SS111

Lab PO Number: 21295

LAB CONTACT: ~~Kay Hower Kayl.hower@eurofinsUS.com~~ JM Eurofins 1 (717) 556-7258 Darlene Bandy Darlene.Bandy@Eurofinset.com

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	(Total, Carbonate, and Bicarbonate) Alkalinity (SM2320B)	(8015C/D) TPH-GRO	(8015C/D) TPH-DRO	COMMENTS
	GWS10-211															
1	~~GWS10-443-211~~ JM	1-15-21	0925	15	3	—		2	1	1*	1	1	1	3 JM	2 JM	
2																
3																
4					JM											
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered

associated with ER211-02
pump 18078-902

TB211-29

SAMPLER(S): D. Schmeltz

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7750

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
D Schmeltz	1-15-21	1700			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
			Wesley Miller	1/16/21	1026

225 Schiling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-ER211-02

PROJECT NAME:	PROJECT NUMBER:	LABORATORY NAME AND CONTACT:	FAX AND MAIL REPORTS/EDD TO:	YEAR:
Kirtland AFB - GWM & IRM Op Mod	**6360401**	**Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601**	Amanda Smith: asmith@eaest.com EA	2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 (Jan-Mar)
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295		LAB CONTACT: Darlene Bandy: darlene.bandy@eurofinset.com Eurofins 1-303-736-0188	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8015D) DRO ~~(8260C) BTEX~~	(8015D) GRO ~~(8260C) BTEX~~	(8011) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	(SM2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	COMMENTS
1	ER211-02	1-14-21	1415	11	3	2	3	2	1					

Please add Fe and Mn to total metal analysis.

Pump Serial Number: 1807B-902

TB211-29

SAMPLER(S): D. Schweelk ~~F. Messenger~~ dm

COURIER AND SHIPPING NUMBER: FedEx 8161 4700 7750

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schweelk	1-15-21	1700	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	1/16/21	1026

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-26694-1

Login Number: 26694
List Number: 1
Creator: Colon Martinez, Jessenia C

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

10450 Stancliff Rd. Suite 210
Houston, TX 77099
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WorkOrder: HS21010391

KAFB ROS

Aptim Environmental & Infrastucture, Inc.

Susan Huang
2500 City West Blvd., Suite 1700
Houston TX 77042

22-Feb-2021

ALS Environmental
ALS Group USA, Corp
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HS21010391 KAFB ROS Final

ALS WO# HS21010391

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January 27, 2021

Susan Huang
Aptim Environmental & Infrastucture, Inc.
2500 City West Blvd., Suite 1700
Houston, TX 77042

Work Order: **HS21010391**

Laboratory Results for: **KAFB ROS**

Dear Susan Huang,

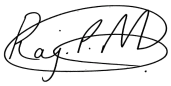
ALS Environmental received 6 sample(s) on Jan 12, 2021 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,



Generated By: JUMOKE.LAWAL
RJ Modashia
Project Manager

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastructure, Inc.
Project: KAFB ROS
Work Order: HS21010391

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS21010391-01	106064-LTM-011121	Groundwater		11-Jan-2021 09:45	12-Jan-2021 10:45	☐
HS21010391-02	106064-LTM-011121-FD	Groundwater		11-Jan-2021 09:45	12-Jan-2021 10:45	☐
HS21010391-03	106063-LTM-011121	Groundwater		11-Jan-2021 10:41	12-Jan-2021 10:45	☐
HS21010391-04	106MW-2I-LTM-011121	Groundwater		11-Jan-2021 14:15	12-Jan-2021 10:45	☐
HS21010391-05	106EX2-LTM-011121	Groundwater		11-Jan-2021 14:10	12-Jan-2021 10:45	☐
HS21010391-06	TB-011121	Water		11-Jan-2021 15:00	12-Jan-2021 10:45	☐

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **CASE NARRATIVE**
Project: KAFB ROS
Work Order: HS21010391

Work Order Comments

• The analysis for Iodide was subcontracted to ALS Cincinnati, OH. Final report attached.

ECD Organics by Method SW8011

Batch ID: 161670

Sample ID: HS21010577-01MS

• MS and MSD are for an unrelated sample

GCMS Volatiles by Method SW8260

Batch ID: R376319

Sample ID: 106063-LTM-011121 (HS21010391-03)

• Lowest practical dilution for sample HS21010391-03 due to matrix.

Sample ID: CCV

• Acetone and tert-Butylbenzene exceeded %D limits for CCV. Samples are ND for these compounds.

Sample ID: VLCSW-210113

• tert-Butylbenzene is also high for LCS. Samples are ND for this compound.

Sample ID: 106MW-2I-LTM-011121 (HS21010391-04MSD)

• The RPD between the MS and MSD was outside of the control limit. Naphthalene

Metals by Method SW6020

Batch ID: 161677

Sample ID: HS21010577-01MS

• MS and MSD are for an unrelated sample

Batch ID: 161680

Sample ID: HS21010577-01MS

• MS and MSD are for an unrelated sample

WetChemistry by Method SW9056

Batch ID: R376398,R376738

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM2320B

Batch ID: R376366

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E365.3

Batch ID: R376248

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
Work Order: HS21010391

CASE NARRATIVE

WetChemistry by Method E365.3

Batch ID: R376248

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010391
Sample ID: 106064-LTM-011121 Lab ID:HS21010391-01
Collection Date: 11-Jan-2021 09:45 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C	**Method:SW8260**							Analyst: PC
1,1,2-Trichloroethane	10	U	3.0	10	10	ug/L	10	13-Jan-2021 17:10
1,2,4-Trichlorobenzene	10	U	5.0	10	10	ug/L	10	13-Jan-2021 17:10
1,2-Dibromoethane	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 17:10
1,2-Dichloroethane	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 17:10
1,3,5-Trimethylbenzene	**130**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:10
2-Butanone	10	U	5.0	10	20	ug/L	10	13-Jan-2021 17:10
2-Chlorotoluene	10	U	3.0	10	10	ug/L	10	13-Jan-2021 17:10
2-Hexanone	20	U	10	20	20	ug/L	10	13-Jan-2021 17:10
4-Isopropyltoluene	**41**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:10
4-Methyl-2-pentanone	20	U	7.0	20	20	ug/L	10	13-Jan-2021 17:10
Acetone	20	U	4.0	20	20	ug/L	10	13-Jan-2021 17:10
Benzene	**3,000**		**20**	**50**	**100**	**ug/L**	100	13-Jan-2021 21:02
Carbon disulfide	20	U	6.0	20	20	ug/L	10	13-Jan-2021 17:10
Chloromethane	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 17:10
cis-1,2-Dichloroethene	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 17:10
Dichlorodifluoromethane	10	U	3.0	10	10	ug/L	10	13-Jan-2021 17:10
Ethylbenzene	**1,600**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:10
Isopropylbenzene	**160**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:10
m,p-Xylene	**3,200**		**5.0**	**10**	**20**	**ug/L**	10	13-Jan-2021 17:10
Methyl tert-butyl ether	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 17:10
Methylene chloride	20	U	4.0	20	20	ug/L	10	13-Jan-2021 17:10
n-Butylbenzene	**19**		**4.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:10
n-Propylbenzene	**120**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:10
Naphthalene	**110**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:10
o-Xylene	**1,400**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:10
sec-Butylbenzene	**21**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:10
tert-Butylbenzene	10	U	3.0	10	10	ug/L	10	13-Jan-2021 17:10
Tetrachloroethene	10	U	3.0	10	10	ug/L	10	13-Jan-2021 17:10
Toluene	**49**		**2.0**	**5.0**	**10**	**ug/L**	10	13-Jan-2021 17:10
trans-1,2-Dichloroethene	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 17:10
Trichloroethene	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 17:10
Trichlorofluoromethane	10	U	3.0	10	10	ug/L	10	13-Jan-2021 17:10
Vinyl chloride	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 17:10
Xylenes, Total	**4,600**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:10
Surr: 1,2-Dichloroethane-d4	*90.4*			**0**	*81-118*	*%REC*	*10*	*13-Jan-2021 17:10*
Surr: 1,2-Dichloroethane-d4	*92.1*			**0**	*81-118*	*%REC*	*100*	*13-Jan-2021 21:02*
Surr: 4-Bromofluorobenzene	*102*			**0**	*85-114*	*%REC*	*10*	*13-Jan-2021 17:10*
Surr: 4-Bromofluorobenzene	*101*			**0**	*85-114*	*%REC*	*100*	*13-Jan-2021 21:02*
Surr: Dibromofluoromethane	*95.6*			**0**	*80-119*	*%REC*	*100*	*13-Jan-2021 21:02*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010391
Sample ID: 106064-LTM-011121 Lab ID:HS21010391-01
Collection Date: 11-Jan-2021 09:45 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C		**Method:SW8260**						Analyst: PC
Surr: Dibromofluoromethane	*96.6*			**0**	*80-119*	*%REC*	*10*	*13-Jan-2021 17:10*
Surr: Toluene-d8	*103*			**0**	*89-112*	*%REC*	*100*	*13-Jan-2021 21:02*
Surr: Toluene-d8	*104*			**0**	*89-112*	*%REC*	*10*	*13-Jan-2021 17:10*
EDB-DBCP BY SW8011		**Method:SW8011**				Prep:SW8011 / 18-Jan-2021		Analyst: JBA
1,2-Dibromoethane	0.010	U	0.0031	0.010	0.021	ug/L	1	18-Jan-2021 21:47
METALS BY ICPMS BY SW6020A		**Method:SW6020**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Lead	0.00100	U	0.000600	0.00100	0.00500	mg/L	1	27-Jan-2021 00:18
DISSOLVED METALS BY SW6020A		**Method:SW6020 (dissolved)**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Iron	**5.93**		**0.0120**	**0.0500**	**0.200**	**mg/L**	1	27-Jan-2021 01:08
Manganese	**7.35**		**0.0700**	**0.250**	**0.500**	**mg/L**	100	27-Jan-2021 12:28
ORTHO PHOSPHATE (PO4) AS P BY E365.3		**Method:E365.3**						Analyst: MZD
Phosphorus, Dissolved Orthophosphate (As P)	0.0250	aU	0.0100	0.0250	0.0250	mg/L	1	13-Jan-2021 09:30
ALKALINITY BY SM2320B		**Method:SM2320B**						Analyst: TH
Alkalinity, Total (As CaCO3)	**632**	a	**5.00**	**5.00**	**5.00**	**mg/L**	1	14-Jan-2021 21:51
ANIONS BY SW9056A		**Method:SW9056**						Analyst: YP
Bromide	**0.937**		**0.0300**	**0.100**	**0.100**	**mg/L**	1	12-Jan-2021 17:15
Chloride	**48.8**		**0.200**	**0.500**	**0.500**	**mg/L**	1	12-Jan-2021 17:15
Nitrogen, Nitrate (As N)	**0.0680**	J	**0.0300**	**0.100**	**0.100**	**mg/L**	1	12-Jan-2021 17:15
Nitrogen, Nitrite (As N)	0.100	U	0.0300	0.100	0.100	mg/L	1	12-Jan-2021 17:15
Sulfate	**0.216**	J	**0.200**	**0.500**	**0.500**	**mg/L**	1	12-Jan-2021 17:15
SUBCONTRACT ANALYSIS - IODIDE		**Method:NA**						Analyst: SUB
Subcontract Analysis	See Attached		0	0		NA	1	19-Jan-2021 10:27

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010391
Sample ID: 106064-LTM-011121-FD Lab ID:HS21010391-02
Collection Date: 11-Jan-2021 09:45 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C	**Method:SW8260**							Analyst: PC
1,1,2-Trichloroethane	10	U	3.0	10	10	ug/L	10	13-Jan-2021 17:53
1,2,4-Trichlorobenzene	10	U	5.0	10	10	ug/L	10	13-Jan-2021 17:53
1,2-Dibromoethane	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 17:53
1,2-Dichloroethane	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 17:53
1,3,5-Trimethylbenzene	**120**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:53
2-Butanone	10	U	5.0	10	20	ug/L	10	13-Jan-2021 17:53
2-Chlorotoluene	10	U	3.0	10	10	ug/L	10	13-Jan-2021 17:53
2-Hexanone	20	U	10	20	20	ug/L	10	13-Jan-2021 17:53
4-Isopropyltoluene	**39**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:53
4-Methyl-2-pentanone	20	U	7.0	20	20	ug/L	10	13-Jan-2021 17:53
Acetone	20	U	4.0	20	20	ug/L	10	13-Jan-2021 17:53
Benzene	**3,000**		**20**	**50**	**100**	**ug/L**	100	13-Jan-2021 21:23
Carbon disulfide	20	U	6.0	20	20	ug/L	10	13-Jan-2021 17:53
Chloromethane	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 17:53
cis-1,2-Dichloroethene	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 17:53
Dichlorodifluoromethane	10	U	3.0	10	10	ug/L	10	13-Jan-2021 17:53
Ethylbenzene	**1,500**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:53
Isopropylbenzene	**150**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:53
m,p-Xylene	**3,100**		**5.0**	**10**	**20**	**ug/L**	10	13-Jan-2021 17:53
Methyl tert-butyl ether	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 17:53
Methylene chloride	20	U	4.0	20	20	ug/L	10	13-Jan-2021 17:53
n-Butylbenzene	**18**		**4.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:53
n-Propylbenzene	**110**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:53
Naphthalene	**110**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:53
o-Xylene	**1,300**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:53
sec-Butylbenzene	**18**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:53
tert-Butylbenzene	10	U	3.0	10	10	ug/L	10	13-Jan-2021 17:53
Tetrachloroethene	10	U	3.0	10	10	ug/L	10	13-Jan-2021 17:53
Toluene	**46**		**2.0**	**5.0**	**10**	**ug/L**	10	13-Jan-2021 17:53
trans-1,2-Dichloroethene	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 17:53
Trichloroethene	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 17:53
Trichlorofluoromethane	10	U	3.0	10	10	ug/L	10	13-Jan-2021 17:53
Vinyl chloride	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 17:53
Xylenes, Total	**4,400**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 17:53
Surr: 1,2-Dichloroethane-d4	*91.0*			**0**	*81-118*	*%REC*	*10*	*13-Jan-2021 17:53*
Surr: 1,2-Dichloroethane-d4	*92.1*			**0**	*81-118*	*%REC*	*100*	*13-Jan-2021 21:23*
Surr: 4-Bromofluorobenzene	*100*			**0**	*85-114*	*%REC*	*10*	*13-Jan-2021 17:53*
Surr: 4-Bromofluorobenzene	*102*			**0**	*85-114*	*%REC*	*100*	*13-Jan-2021 21:23*
Surr: Dibromofluoromethane	*94.7*			**0**	*80-119*	*%REC*	*10*	*13-Jan-2021 17:53*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010391
Sample ID: 106064-LTM-011121-FD Lab ID:HS21010391-02
Collection Date: 11-Jan-2021 09:45 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C		**Method:SW8260**						Analyst: PC
Surr: Dibromofluoromethane	*93.5*			**0**	*80-119*	*%REC*	*100*	*13-Jan-2021 21:23*
Surr: Toluene-d8	*102*			**0**	*89-112*	*%REC*	*100*	*13-Jan-2021 21:23*
Surr: Toluene-d8	*101*			**0**	*89-112*	*%REC*	*10*	*13-Jan-2021 17:53*
EDB-DBCP BY SW8011		**Method:SW8011**				Prep:SW8011 / 18-Jan-2021		Analyst: JBA
1,2-Dibromoethane	0.010	U	0.0031	0.010	0.021	ug/L	1	18-Jan-2021 22:11
METALS BY ICPMS BY SW6020A		**Method:SW6020**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Lead	0.00100	U	0.000600	0.00100	0.00500	mg/L	1	27-Jan-2021 00:20
DISSOLVED METALS BY SW6020A		**Method:SW6020 (dissolved)**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Iron	**6.12**		**0.0120**	**0.0500**	**0.200**	**mg/L**	1	27-Jan-2021 01:11
Manganese	**7.93**		**0.0700**	**0.250**	**0.500**	**mg/L**	100	27-Jan-2021 12:30
ORTHO PHOSPHATE (PO4) AS P BY E365.3		**Method:E365.3**						Analyst: MZD
Phosphorus, Dissolved Orthophosphate (As P)	0.0250	aU	0.0100	0.0250	0.0250	mg/L	1	13-Jan-2021 09:30
ALKALINITY BY SM2320B		**Method:SM2320B**						Analyst: TH
Alkalinity, Total (As CaCO3)	**630**	a	**5.00**	**5.00**	**5.00**	**mg/L**	1	14-Jan-2021 21:59
ANIONS BY SW9056A		**Method:SW9056**						Analyst: YP
Bromide	**0.881**		**0.0300**	**0.100**	**0.100**	**mg/L**	1	13-Jan-2021 13:40
Chloride	**47.4**		**0.200**	**0.500**	**0.500**	**mg/L**	1	13-Jan-2021 13:40
Nitrogen, Nitrate (As N)	0.100	U	0.0300	0.100	0.100	mg/L	1	12-Jan-2021 17:33
Nitrogen, Nitrite (As N)	0.100	U	0.0300	0.100	0.100	mg/L	1	12-Jan-2021 17:33
Sulfate	**0.232**	J	**0.200**	**0.500**	**0.500**	**mg/L**	1	13-Jan-2021 13:40
SUBCONTRACT ANALYSIS - IODIDE		**Method:NA**						Analyst: SUB
Subcontract Analysis	See Attached		0	0		NA	1	19-Jan-2021 10:27

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010391
Sample ID: 106063-LTM-011121 Lab ID:HS21010391-03
Collection Date: 11-Jan-2021 10:41 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C	**Method:SW8260**							Analyst: PC
1,1,2-Trichloroethane	10	U	3.0	10	10	ug/L	10	13-Jan-2021 18:35
1,2,4-Trichlorobenzene	10	U	5.0	10	10	ug/L	10	13-Jan-2021 18:35
1,2-Dibromoethane	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 18:35
1,2-Dichloroethane	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 18:35
1,3,5-Trimethylbenzene	**36**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 18:35
2-Butanone	10	U	5.0	10	20	ug/L	10	13-Jan-2021 18:35
2-Chlorotoluene	10	U	3.0	10	10	ug/L	10	13-Jan-2021 18:35
2-Hexanone	20	U	10	20	20	ug/L	10	13-Jan-2021 18:35
4-Isopropyltoluene	10	U	3.0	10	10	ug/L	10	13-Jan-2021 18:35
4-Methyl-2-pentanone	**17**	J	**7.0**	**20**	**20**	**ug/L**	10	13-Jan-2021 18:35
Acetone	20	U	4.0	20	20	ug/L	10	13-Jan-2021 18:35
Benzene	**1,700**		**2.0**	**5.0**	**10**	**ug/L**	10	13-Jan-2021 18:35
Carbon disulfide	20	U	6.0	20	20	ug/L	10	13-Jan-2021 18:35
Chloromethane	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 18:35
cis-1,2-Dichloroethene	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 18:35
Dichlorodifluoromethane	10	U	3.0	10	10	ug/L	10	13-Jan-2021 18:35
Ethylbenzene	**520**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 18:35
Isopropylbenzene	**99**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 18:35
m,p-Xylene	**910**		**5.0**	**10**	**20**	**ug/L**	10	13-Jan-2021 18:35
Methyl tert-butyl ether	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 18:35
Methylene chloride	20	U	4.0	20	20	ug/L	10	13-Jan-2021 18:35
n-Butylbenzene	10	U	4.0	10	10	ug/L	10	13-Jan-2021 18:35
n-Propylbenzene	**38**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 18:35
Naphthalene	**43**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 18:35
o-Xylene	**520**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 18:35
sec-Butylbenzene	**8.0**	J	**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 18:35
tert-Butylbenzene	10	U	3.0	10	10	ug/L	10	13-Jan-2021 18:35
Tetrachloroethene	10	U	3.0	10	10	ug/L	10	13-Jan-2021 18:35
Toluene	**8.6**	J	**2.0**	**5.0**	**10**	**ug/L**	10	13-Jan-2021 18:35
trans-1,2-Dichloroethene	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 18:35
Trichloroethene	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 18:35
Trichlorofluoromethane	10	U	3.0	10	10	ug/L	10	13-Jan-2021 18:35
Vinyl chloride	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 18:35
Xylenes, Total	**1,400**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 18:35
Surr: 1,2-Dichloroethane-d4	*90.8*			**0**	*81-118*	*%REC*	*10*	*13-Jan-2021 18:35*
Surr: 4-Bromofluorobenzene	*104*			**0**	*85-114*	*%REC*	*10*	*13-Jan-2021 18:35*
Surr: Dibromofluoromethane	*93.6*			**0**	*80-119*	*%REC*	*10*	*13-Jan-2021 18:35*
Surr: Toluene-d8	*100*			**0**	*89-112*	*%REC*	*10*	*13-Jan-2021 18:35*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010391
Sample ID: 106063-LTM-011121 Lab ID:HS21010391-03
Collection Date: 11-Jan-2021 10:41 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
EDB-DBCP BY SW8011		**Method:SW8011**				Prep:SW8011 / 18-Jan-2021		Analyst: JBA
1,2-Dibromoethane	0.011	U	0.0032	0.011	0.021	ug/L	1	18-Jan-2021 22:35
METALS BY ICPMS BY SW6020A		**Method:SW6020**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Lead	0.00100	U	0.000600	0.00100	0.00500	mg/L	1	27-Jan-2021 00:22
DISSOLVED METALS BY SW6020A		**Method:SW6020 (dissolved)**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Iron	**3.55**		**0.0120**	**0.0500**	**0.200**	**mg/L**	1	27-Jan-2021 01:13
Manganese	**4.12**		**0.0350**	**0.125**	**0.250**	**mg/L**	50	27-Jan-2021 12:32
ORTHO PHOSPHATE (PO4) AS P BY E365.3		**Method:E365.3**						Analyst: MZD
Phosphorus, Dissolved Orthophosphate (As P)	0.0250	aU	0.0100	0.0250	0.0250	mg/L	1	13-Jan-2021 09:30
ALKALINITY BY SM2320B		**Method:SM2320B**						Analyst: TH
Alkalinity, Total (As CaCO3)	**392**	a	**5.00**	**5.00**	**5.00**	**mg/L**	1	14-Jan-2021 22:06
ANIONS BY SW9056A		**Method:SW9056**						Analyst: YP
Bromide	**0.836**		**0.0300**	**0.100**	**0.100**	**mg/L**	1	12-Jan-2021 17:51
Chloride	**52.0**		**0.200**	**0.500**	**0.500**	**mg/L**	1	12-Jan-2021 17:51
Nitrogen, Nitrate (As N)	**0.0558**	J	**0.0300**	**0.100**	**0.100**	**mg/L**	1	12-Jan-2021 17:51
Nitrogen, Nitrite (As N)	0.100	U	0.0300	0.100	0.100	mg/L	1	12-Jan-2021 17:51
Sulfate	**4.93**		**0.200**	**0.500**	**0.500**	**mg/L**	1	12-Jan-2021 17:51
SUBCONTRACT ANALYSIS - IODIDE		**Method:NA**						Analyst: SUB
Subcontract Analysis	See Attached		0	0		NA	1	19-Jan-2021 10:27

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010391
Sample ID: 106MW-2I-LTM-011121 Lab ID:HS21010391-04
Collection Date: 11-Jan-2021 14:15 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C	**Method:SW8260**							Analyst: PC
1,1,2-Trichloroethane	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:49
1,2,4-Trichlorobenzene	1.0	U	0.50	1.0	1.0	ug/L	1	13-Jan-2021 16:49
1,2-Dibromoethane	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:49
1,2-Dichloroethane	**1.0**		**0.20**	**0.50**	**1.0**	**ug/L**	1	13-Jan-2021 16:49
1,3,5-Trimethylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:49
2-Butanone	1.0	U	0.50	1.0	2.0	ug/L	1	13-Jan-2021 16:49
2-Chlorotoluene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:49
2-Hexanone	2.0	U	1.0	2.0	2.0	ug/L	1	13-Jan-2021 16:49
4-Isopropyltoluene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:49
4-Methyl-2-pentanone	2.0	U	0.70	2.0	2.0	ug/L	1	13-Jan-2021 16:49
Acetone	2.0	U	0.40	2.0	2.0	ug/L	1	13-Jan-2021 16:49
Benzene	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:49
Carbon disulfide	2.0	U	0.60	2.0	2.0	ug/L	1	13-Jan-2021 16:49
Chloromethane	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:49
cis-1,2-Dichloroethene	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:49
Dichlorodifluoromethane	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:49
Ethylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:49
Isopropylbenzene	**2.4**		**0.30**	**1.0**	**1.0**	**ug/L**	1	13-Jan-2021 16:49
m,p-Xylene	1.0	U	0.50	1.0	2.0	ug/L	1	13-Jan-2021 16:49
Methyl tert-butyl ether	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:49
Methylene chloride	2.0	U	0.40	2.0	2.0	ug/L	1	13-Jan-2021 16:49
n-Butylbenzene	1.0	U	0.40	1.0	1.0	ug/L	1	13-Jan-2021 16:49
n-Propylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:49
Naphthalene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:49
o-Xylene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:49
sec-Butylbenzene	**2.4**		**0.30**	**1.0**	**1.0**	**ug/L**	1	13-Jan-2021 16:49
tert-Butylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:49
Tetrachloroethene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:49
Toluene	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:49
trans-1,2-Dichloroethene	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:49
Trichloroethene	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:49
Trichlorofluoromethane	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:49
Vinyl chloride	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:49
Xylenes, Total	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:49
Surr: 1,2-Dichloroethane-d4	*90.7*			**0**	*81-118*	*%REC*	*1*	*13-Jan-2021 16:49*
Surr: 4-Bromofluorobenzene	*103*			**0**	*85-114*	*%REC*	*1*	*13-Jan-2021 16:49*
Surr: Dibromofluoromethane	*94.2*			**0**	*80-119*	*%REC*	*1*	*13-Jan-2021 16:49*
Surr: Toluene-d8	*104*			**0**	*89-112*	*%REC*	*1*	*13-Jan-2021 16:49*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010391
Sample ID: 106MW-2I-LTM-011121 Lab ID:HS21010391-04
Collection Date: 11-Jan-2021 14:15 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
EDB-DBCP BY SW8011		**Method:SW8011**				Prep:SW8011 / 18-Jan-2021		Analyst: JBA
1,2-Dibromoethane	0.011	U	0.0032	0.011	0.021	ug/L	1	19-Jan-2021 01:02
METALS BY ICPMS BY SW6020A		**Method:SW6020**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Lead	**0.00124**	J	**0.000600**	**0.00100**	**0.00500**	**mg/L**	1	27-Jan-2021 00:24
DISSOLVED METALS BY SW6020A		**Method:SW6020 (dissolved)**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Iron	**3.69**		**0.0120**	**0.0500**	**0.200**	**mg/L**	1	27-Jan-2021 01:15
Manganese	**3.83**		**0.0350**	**0.125**	**0.250**	**mg/L**	50	27-Jan-2021 12:34
ORTHO PHOSPHATE (PO4) AS P BY E365.3		**Method:E365.3**						Analyst: MZD
Phosphorus, Dissolved Orthophosphate (As P)	0.0250	aU	0.0100	0.0250	0.0250	mg/L	1	13-Jan-2021 09:30
ALKALINITY BY SM2320B		**Method:SM2320B**						Analyst: TH
Alkalinity, Total (As CaCO3)	**324**	a	**5.00**	**5.00**	**5.00**	**mg/L**	1	14-Jan-2021 22:13
ANIONS BY SW9056A		**Method:SW9056**						Analyst: YP
Bromide	**1.90**		**0.0300**	**0.100**	**0.100**	**mg/L**	1	12-Jan-2021 18:09
Chloride	**117**		**2.00**	**5.00**	**5.00**	**mg/L**	10	21-Jan-2021 05:59
Nitrogen, Nitrate (As N)	**0.0559**	J	**0.0300**	**0.100**	**0.100**	**mg/L**	1	12-Jan-2021 18:09
Nitrogen, Nitrite (As N)	0.100	U	0.0300	0.100	0.100	mg/L	1	12-Jan-2021 18:09
Sulfate	**55.4**		**0.200**	**0.500**	**0.500**	**mg/L**	1	12-Jan-2021 18:09
SUBCONTRACT ANALYSIS - IODIDE		**Method:NA**						Analyst: SUB
Subcontract Analysis	See Attached		0	0		NA	1	19-Jan-2021 10:27

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010391
Sample ID: 106EX2-LTM-011121 Lab ID:HS21010391-05
Collection Date: 11-Jan-2021 14:10 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C	**Method:SW8260**							Analyst: PC
1,1,2-Trichloroethane	10	U	3.0	10	10	ug/L	10	13-Jan-2021 19:17
1,2,4-Trichlorobenzene	10	U	5.0	10	10	ug/L	10	13-Jan-2021 19:17
1,2-Dibromoethane	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 19:17
1,2-Dichloroethane	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 19:17
1,3,5-Trimethylbenzene	**120**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 19:17
2-Butanone	10	U	5.0	10	20	ug/L	10	13-Jan-2021 19:17
2-Chlorotoluene	10	U	3.0	10	10	ug/L	10	13-Jan-2021 19:17
2-Hexanone	20	U	10	20	20	ug/L	10	13-Jan-2021 19:17
4-Isopropyltoluene	10	U	3.0	10	10	ug/L	10	13-Jan-2021 19:17
4-Methyl-2-pentanone	20	U	7.0	20	20	ug/L	10	13-Jan-2021 19:17
Acetone	20	U	4.0	20	20	ug/L	10	13-Jan-2021 19:17
Benzene	**5,400**		**20**	**50**	**100**	**ug/L**	100	13-Jan-2021 22:05
Carbon disulfide	20	U	6.0	20	20	ug/L	10	13-Jan-2021 19:17
Chloromethane	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 19:17
cis-1,2-Dichloroethene	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 19:17
Dichlorodifluoromethane	10	U	3.0	10	10	ug/L	10	13-Jan-2021 19:17
Ethylbenzene	**1,100**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 19:17
Isopropylbenzene	**92**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 19:17
m,p-Xylene	**2,700**		**5.0**	**10**	**20**	**ug/L**	10	13-Jan-2021 19:17
Methyl tert-butyl ether	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 19:17
Methylene chloride	20	U	4.0	20	20	ug/L	10	13-Jan-2021 19:17
n-Butylbenzene	**12**		**4.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 19:17
n-Propylbenzene	**100**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 19:17
Naphthalene	**110**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 19:17
o-Xylene	**1,100**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 19:17
sec-Butylbenzene	**14**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 19:17
tert-Butylbenzene	10	U	3.0	10	10	ug/L	10	13-Jan-2021 19:17
Tetrachloroethene	10	U	3.0	10	10	ug/L	10	13-Jan-2021 19:17
Toluene	**4,200**		**20**	**50**	**100**	**ug/L**	100	13-Jan-2021 22:05
trans-1,2-Dichloroethene	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 19:17
Trichloroethene	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 19:17
Trichlorofluoromethane	10	U	3.0	10	10	ug/L	10	13-Jan-2021 19:17
Vinyl chloride	5.0	U	2.0	5.0	10	ug/L	10	13-Jan-2021 19:17
Xylenes, Total	**3,800**		**3.0**	**10**	**10**	**ug/L**	10	13-Jan-2021 19:17
Surr: 1,2-Dichloroethane-d4	*89.7*			**0**	*81-118*	*%REC*	*10*	*13-Jan-2021 19:17*
Surr: 1,2-Dichloroethane-d4	*89.7*			**0**	*81-118*	*%REC*	*100*	*13-Jan-2021 22:05*
Surr: 4-Bromofluorobenzene	*107*			**0**	*85-114*	*%REC*	*10*	*13-Jan-2021 19:17*
Surr: 4-Bromofluorobenzene	*101*			**0**	*85-114*	*%REC*	*100*	*13-Jan-2021 22:05*
Surr: Dibromofluoromethane	*93.7*			**0**	*80-119*	*%REC*	*10*	*13-Jan-2021 19:17*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010391
Sample ID: 106EX2-LTM-011121 Lab ID:HS21010391-05
Collection Date: 11-Jan-2021 14:10 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C		**Method:SW8260**						Analyst: PC
Surr: Dibromofluoromethane	*92.6*			**0**	*80-119*	*%REC*	*100*	*13-Jan-2021 22:05*
Surr: Toluene-d8	*104*			**0**	*89-112*	*%REC*	*10*	*13-Jan-2021 19:17*
Surr: Toluene-d8	*103*			**0**	*89-112*	*%REC*	*100*	*13-Jan-2021 22:05*
EDB-DBCP BY SW8011		**Method:SW8011**				Prep:SW8011 / 18-Jan-2021		Analyst: JBA
1,2-Dibromoethane	**0.0056**	J	**0.0032**	**0.011**	**0.021**	**ug/L**	1	19-Jan-2021 01:26
METALS BY ICPMS BY SW6020A		**Method:SW6020**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Lead	0.00100	U	0.000600	0.00100	0.00500	mg/L	1	27-Jan-2021 00:26
DISSOLVED METALS BY SW6020A		**Method:SW6020 (dissolved)**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Iron	**7.11**		**0.0120**	**0.0500**	**0.200**	**mg/L**	1	27-Jan-2021 01:17
Manganese	**5.81**		**0.0350**	**0.125**	**0.250**	**mg/L**	50	27-Jan-2021 12:36
ORTHO PHOSPHATE (PO4) AS P BY E365.3		**Method:E365.3**						Analyst: MZD
Phosphorus, Dissolved Orthophosphate (As P)	0.0250	aU	0.0100	0.0250	0.0250	mg/L	1	13-Jan-2021 09:30
ALKALINITY BY SM2320B		**Method:SM2320B**						Analyst: TH
Alkalinity, Total (As CaCO3)	**428**	a	**5.00**	**5.00**	**5.00**	**mg/L**	1	14-Jan-2021 22:20
ANIONS BY SW9056A		**Method:SW9056**						Analyst: YP
Bromide	**2.46**		**0.0300**	**0.100**	**0.100**	**mg/L**	1	12-Jan-2021 18:28
Chloride	**164**		**2.00**	**5.00**	**5.00**	**mg/L**	10	21-Jan-2021 06:17
Nitrogen, Nitrate (As N)	**0.0336**	J	**0.0300**	**0.100**	**0.100**	**mg/L**	1	12-Jan-2021 18:28
Nitrogen, Nitrite (As N)	0.100	U	0.0300	0.100	0.100	mg/L	1	12-Jan-2021 18:28
Sulfate	**0.264**	J	**0.200**	**0.500**	**0.500**	**mg/L**	1	12-Jan-2021 18:28
SUBCONTRACT ANALYSIS - IODIDE		**Method:NA**						Analyst: SUB
Subcontract Analysis	See Attached		0	0		NA	1	19-Jan-2021 10:27

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010391
Sample ID: TB-011121 Lab ID:HS21010391-06
Collection Date: 11-Jan-2021 15:00 Matrix:Water

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C	**Method:SW8260**							Analyst: PC
1,1,2-Trichloroethane	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:28
1,2,4-Trichlorobenzene	1.0	U	0.50	1.0	1.0	ug/L	1	13-Jan-2021 16:28
1,2-Dibromoethane	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:28
1,2-Dichloroethane	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:28
1,3,5-Trimethylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:28
2-Butanone	1.0	U	0.50	1.0	2.0	ug/L	1	13-Jan-2021 16:28
2-Chlorotoluene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:28
2-Hexanone	2.0	U	1.0	2.0	2.0	ug/L	1	13-Jan-2021 16:28
4-Isopropyltoluene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:28
4-Methyl-2-pentanone	2.0	U	0.70	2.0	2.0	ug/L	1	13-Jan-2021 16:28
Acetone	2.0	U	0.40	2.0	2.0	ug/L	1	13-Jan-2021 16:28
Benzene	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:28
Carbon disulfide	2.0	U	0.60	2.0	2.0	ug/L	1	13-Jan-2021 16:28
Chloromethane	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:28
cis-1,2-Dichloroethene	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:28
Dichlorodifluoromethane	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:28
Ethylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:28
Isopropylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:28
m,p-Xylene	1.0	U	0.50	1.0	2.0	ug/L	1	13-Jan-2021 16:28
Methyl tert-butyl ether	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:28
Methylene chloride	2.0	U	0.40	2.0	2.0	ug/L	1	13-Jan-2021 16:28
n-Butylbenzene	1.0	U	0.40	1.0	1.0	ug/L	1	13-Jan-2021 16:28
n-Propylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:28
Naphthalene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:28
o-Xylene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:28
sec-Butylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:28
tert-Butylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:28
Tetrachloroethene	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:28
Toluene	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:28
trans-1,2-Dichloroethene	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:28
Trichloroethene	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:28
Trichlorofluoromethane	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:28
Vinyl chloride	0.50	U	0.20	0.50	1.0	ug/L	1	13-Jan-2021 16:28
Xylenes, Total	1.0	U	0.30	1.0	1.0	ug/L	1	13-Jan-2021 16:28
Surr: 1,2-Dichloroethane-d4	*92.2*			**0**	*81-118*	*%REC*	*1*	*13-Jan-2021 16:28*
Surr: 4-Bromofluorobenzene	*104*			**0**	*85-114*	*%REC*	*1*	*13-Jan-2021 16:28*
Surr: Dibromofluoromethane	*96.0*			**0**	*80-119*	*%REC*	*1*	*13-Jan-2021 16:28*
Surr: Toluene-d8	*103*			**0**	*89-112*	*%REC*	*1*	*13-Jan-2021 16:28*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Weight / Prep Log

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

Batch ID: 161670 **Start Date:** 18 Jan 2021 11:30 **End Date:** 18 Jan 2021 14:00
Method: AQPREP: 8011 EDB **Prep Code:** 8011_WPR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21010391-01		35 (mL)	36.46 (mL)	1.042	40 mL VOA vial, Neat
HS21010391-02		35 (mL)	36.7 (mL)	1.049	40 mL VOA vial, Neat
HS21010391-03		35 (mL)	36.76 (mL)	1.05	40 mL VOA vial, Neat
HS21010391-04		35 (mL)	37.1 (mL)	1.06	40 mL VOA vial, Neat
HS21010391-05		35 (mL)	37 (mL)	1.057	40 mL VOA vial, Neat

Batch ID: 161677 **Start Date:** 19 Jan 2021 09:00 **End Date:** 19 Jan 2021 13:00
Method: WATER - SW3010A **Prep Code:** 3010A

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21010391-01		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21010391-02		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21010391-03		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21010391-04		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21010391-05		10 (mL)	10 (mL)	1	120 plastic HNO3

Batch ID: 161680 **Start Date:** 19 Jan 2021 12:00 **End Date:** 19 Jan 2021 16:00
Method: DISS METALS PREP - WATER - SW3010A **Prep Code:** 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21010391-01		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21010391-02		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21010391-03		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21010391-04		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21010391-05		10 (mL)	10 (mL)	1	120 plastic HNO3

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 161670 (0)	**Test Name :** EDB-DBCP BY SW8011				**Matrix:** Groundwater	
HS21010391-01	106064-LTM-011121	11 Jan 2021 09:45		18 Jan 2021 11:30	18 Jan 2021 21:47	1
HS21010391-02	106064-LTM-011121-FD	11 Jan 2021 09:45		18 Jan 2021 11:30	18 Jan 2021 22:11	1
HS21010391-03	106063-LTM-011121	11 Jan 2021 10:41		18 Jan 2021 11:30	18 Jan 2021 22:35	1
HS21010391-04	106MW-2I-LTM-011121	11 Jan 2021 14:15		18 Jan 2021 11:30	19 Jan 2021 01:02	1
HS21010391-05	106EX2-LTM-011121	11 Jan 2021 14:10		18 Jan 2021 11:30	19 Jan 2021 01:26	1
Batch ID: 161677 (0)	**Test Name :** METALS BY ICPMS BY SW6020A				**Matrix:** Groundwater	
HS21010391-01	106064-LTM-011121	11 Jan 2021 09:45		19 Jan 2021 13:00	27 Jan 2021 00:18	1
HS21010391-02	106064-LTM-011121-FD	11 Jan 2021 09:45		19 Jan 2021 13:00	27 Jan 2021 00:20	1
HS21010391-03	106063-LTM-011121	11 Jan 2021 10:41		19 Jan 2021 13:00	27 Jan 2021 00:22	1
HS21010391-04	106MW-2I-LTM-011121	11 Jan 2021 14:15		19 Jan 2021 13:00	27 Jan 2021 00:24	1
HS21010391-05	106EX2-LTM-011121	11 Jan 2021 14:10		19 Jan 2021 13:00	27 Jan 2021 00:26	1
Batch ID: 161680 (0)	**Test Name :** DISSOLVED METALS BY SW6020A				**Matrix:** Groundwater	
HS21010391-01	106064-LTM-011121	11 Jan 2021 09:45		19 Jan 2021 16:00	27 Jan 2021 12:28	100
HS21010391-01	106064-LTM-011121	11 Jan 2021 09:45		19 Jan 2021 16:00	27 Jan 2021 01:08	1
HS21010391-02	106064-LTM-011121-FD	11 Jan 2021 09:45		19 Jan 2021 16:00	27 Jan 2021 12:30	100
HS21010391-02	106064-LTM-011121-FD	11 Jan 2021 09:45		19 Jan 2021 16:00	27 Jan 2021 01:11	1
HS21010391-03	106063-LTM-011121	11 Jan 2021 10:41		19 Jan 2021 16:00	27 Jan 2021 12:32	50
HS21010391-03	106063-LTM-011121	11 Jan 2021 10:41		19 Jan 2021 16:00	27 Jan 2021 01:13	1
HS21010391-04	106MW-2I-LTM-011121	11 Jan 2021 14:15		19 Jan 2021 16:00	27 Jan 2021 12:34	50
HS21010391-04	106MW-2I-LTM-011121	11 Jan 2021 14:15		19 Jan 2021 16:00	27 Jan 2021 01:15	1
HS21010391-05	106EX2-LTM-011121	11 Jan 2021 14:10		19 Jan 2021 16:00	27 Jan 2021 12:36	50
HS21010391-05	106EX2-LTM-011121	11 Jan 2021 14:10		19 Jan 2021 16:00	27 Jan 2021 01:17	1
Batch ID: R376248 (0)	**Test Name :** ORTHO PHOSPHATE (PO4) AS P BY E365.3				**Matrix:** Groundwater	
HS21010391-01	106064-LTM-011121	11 Jan 2021 09:45			13 Jan 2021 09:30	1
HS21010391-02	106064-LTM-011121-FD	11 Jan 2021 09:45			13 Jan 2021 09:30	1
HS21010391-03	106063-LTM-011121	11 Jan 2021 10:41			13 Jan 2021 09:30	1
HS21010391-04	106MW-2I-LTM-011121	11 Jan 2021 14:15			13 Jan 2021 09:30	1
HS21010391-05	106EX2-LTM-011121	11 Jan 2021 14:10			13 Jan 2021 09:30	1
Batch ID: R376319 (0)	**Test Name :** VOLATILES ORGANICS BY METHOD 8260C				**Matrix:** Water	
HS21010391-06	TB-011121	11 Jan 2021 15:00			13 Jan 2021 16:28	1

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R376319 (0)	**Test Name :** VOLATILES ORGANICS BY METHOD 8260C				**Matrix:** Groundwater	
HS21010391-01	106064-LTM-011121	11 Jan 2021 09:45			13 Jan 2021 21:02	100
HS21010391-01	106064-LTM-011121	11 Jan 2021 09:45			13 Jan 2021 17:10	10
HS21010391-02	106064-LTM-011121-FD	11 Jan 2021 09:45			13 Jan 2021 21:23	100
HS21010391-02	106064-LTM-011121-FD	11 Jan 2021 09:45			13 Jan 2021 17:53	10
HS21010391-03	106063-LTM-011121	11 Jan 2021 10:41			13 Jan 2021 18:35	10
HS21010391-04	106MW-2I-LTM-011121	11 Jan 2021 14:15			13 Jan 2021 16:49	1
HS21010391-05	106EX2-LTM-011121	11 Jan 2021 14:10			13 Jan 2021 22:05	100
HS21010391-05	106EX2-LTM-011121	11 Jan 2021 14:10			13 Jan 2021 19:17	10
Batch ID: R376366 (0)	**Test Name :** ALKALINITY BY SM2320B				**Matrix:** Groundwater	
HS21010391-01	106064-LTM-011121	11 Jan 2021 09:45			14 Jan 2021 21:51	1
HS21010391-02	106064-LTM-011121-FD	11 Jan 2021 09:45			14 Jan 2021 21:59	1
HS21010391-03	106063-LTM-011121	11 Jan 2021 10:41			14 Jan 2021 22:06	1
HS21010391-04	106MW-2I-LTM-011121	11 Jan 2021 14:15			14 Jan 2021 22:13	1
HS21010391-05	106EX2-LTM-011121	11 Jan 2021 14:10			14 Jan 2021 22:20	1
Batch ID: R376398 (0)	**Test Name :** ANIONS BY SW9056A				**Matrix:** Groundwater	
HS21010391-01	106064-LTM-011121	11 Jan 2021 09:45			12 Jan 2021 17:15	1
HS21010391-02	106064-LTM-011121-FD	11 Jan 2021 09:45			13 Jan 2021 13:40	1
HS21010391-02	106064-LTM-011121-FD	11 Jan 2021 09:45			12 Jan 2021 17:33	1
HS21010391-03	106063-LTM-011121	11 Jan 2021 10:41			12 Jan 2021 17:51	1
HS21010391-04	106MW-2I-LTM-011121	11 Jan 2021 14:15			12 Jan 2021 18:09	1
HS21010391-05	106EX2-LTM-011121	11 Jan 2021 14:10			12 Jan 2021 18:28	1
Batch ID: R376525 (0)	**Test Name :** SUBCONTRACT ANALYSIS - IODIDE				**Matrix:** Groundwater	
HS21010391-01	106064-LTM-011121	11 Jan 2021 09:45			19 Jan 2021 10:27	1
HS21010391-02	106064-LTM-011121-FD	11 Jan 2021 09:45			19 Jan 2021 10:27	1
HS21010391-03	106063-LTM-011121	11 Jan 2021 10:41			19 Jan 2021 10:27	1
HS21010391-04	106MW-2I-LTM-011121	11 Jan 2021 14:15			19 Jan 2021 10:27	1
HS21010391-05	106EX2-LTM-011121	11 Jan 2021 14:10			19 Jan 2021 10:27	1
Batch ID: R376738 (0)	**Test Name :** ANIONS BY SW9056A				**Matrix:** Groundwater	
HS21010391-04	106MW-2I-LTM-011121	11 Jan 2021 14:15			21 Jan 2021 05:59	10
HS21010391-05	106EX2-LTM-011121	11 Jan 2021 14:10			21 Jan 2021 06:17	10

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

QC BATCH REPORT

Batch ID: 161670 (0) **Instrument: ECD_15** **Method: EDB-DBCP BY SW8011**

MBLK Sample ID: **MBLK-161670** Units: **ug/L** Analysis Date: **18-Jan-2021 19:20**
Client ID: Run ID: **ECD_15_376683** SeqNo: **5925953** PrepDate: **18-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.010	0.020								U

LCS Sample ID: **LCS-161670** Units: **ug/L** Analysis Date: **18-Jan-2021 19:45**
Client ID: Run ID: **ECD_15_376683** SeqNo: **5925954** PrepDate: **18-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.1953	0.020	0.2	0	97.6	60 - 140				

LCSD Sample ID: **LCSD-161670** Units: **ug/L** Analysis Date: **18-Jan-2021 20:09**
Client ID: Run ID: **ECD_15_376683** SeqNo: **5925955** PrepDate: **18-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.1953	0.020	0.2	0	97.6	60 - 140	0.1953	0.00615	20	

MS Sample ID: **HS21010577-01MS** Units: **ug/L** Analysis Date: **18-Jan-2021 20:58**
Client ID: Run ID: **ECD_15_376683** SeqNo: **5925957** PrepDate: **18-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.1603	0.021	0.2	0.04346	58.4	60 - 140				S

MSD Sample ID: **HS21010577-01MSD** Units: **ug/L** Analysis Date: **18-Jan-2021 21:22**
Client ID: Run ID: **ECD_15_376683** SeqNo: **5925958** PrepDate: **18-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.1586	0.021	0.2	0.04346	57.6	60 - 140	0.1603	1.05	20	S

The following samples were analyzed in this batch: HS21010391-01 HS21010391-02 HS21010391-03 HS21010391-04 HS21010391-05

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

QC BATCH REPORT

Batch ID: 161677 (0) **Instrument: ICPMS05** **Method: METALS BY ICPMS BY SW6020A**

MBLK Sample ID: **MBLK-161677** Units: **mg/L** Analysis Date: **26-Jan-2021 23:55**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5931997** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.00100	0.00500								U

LCS Sample ID: **LCS-161677** Units: **mg/L** Analysis Date: **26-Jan-2021 23:57**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5931998** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.04591	0.00500	0.05	0	91.8	88 - 115				

MS Sample ID: **HS21010577-01MS** Units: **mg/L** Analysis Date: **27-Jan-2021 00:03**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932001** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.04059	0.00500	0.05	0.000143	80.9	88 - 115				S

MSD Sample ID: **HS21010577-01MSD** Units: **mg/L** Analysis Date: **27-Jan-2021 00:05**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932002** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.04409	0.00500	0.05	0.000143	87.9	88 - 115	0.04059	8.27	20	S

PDS Sample ID: **HS21010577-01PDS** Units: **mg/L** Analysis Date: **27-Jan-2021 00:07**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932003** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.08662	0.00500	0.1	0.000143	86.5	80 - 120				

SD Sample ID: **HS21010577-01SD** Units: **mg/L** Analysis Date: **27-Jan-2021 00:01**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932000** PrepDate: **19-Jan-2021** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Lead	0.00500	0.0250					0.000143	0	10	U

The following samples were analyzed in this batch: HS21010391-01 HS21010391-02 HS21010391-03 HS21010391-04 HS21010391-05

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

QC BATCH REPORT

Batch ID: 161680 (0) **Instrument: ICPMS05** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

MBLK Sample ID: **MBLKF1-161680** Units: **mg/L** Analysis Date: **27-Jan-2021 00:49**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932074** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	0.0500	0.200								U
Manganese	0.00250	0.00500								U

MBLK Sample ID: **MBLK-161680** Units: **mg/L** Analysis Date: **27-Jan-2021 00:47**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932073** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	0.01371	0.200								J
Manganese	0.000758	0.00500								J

LCS Sample ID: **LCS-161680** Units: **mg/L** Analysis Date: **27-Jan-2021 00:51**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932075** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.584	0.200	5	0	91.7	80 - 120				
Manganese	0.04599	0.00500	0.05	0	92.0	80 - 120				

MS Sample ID: **HS21010577-01MS** Units: **mg/L** Analysis Date: **27-Jan-2021 00:58**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932078** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	14.65	0.200	5	10.78	77.2	75 - 125				
Manganese	7.161	0.00500	0.05	7.492	-663	75 - 125				SEO

MSD Sample ID: **HS21010577-01MSD** Units: **mg/L** Analysis Date: **27-Jan-2021 01:00**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932057** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	15.3	0.200	5	10.78	90.2	75 - 125	14.65	4.34	20	
Manganese	7.464	0.00500	0.05	7.492	-56.8	75 - 125	7.161	4.14	20	SEO

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

QC BATCH REPORT

Batch ID: 161680 (0) **Instrument: ICPMS05** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

PDS Sample ID: **HS21010577-01PDS** Units: **mg/L** Analysis Date: **27-Jan-2021 01:02**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932058** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	19.24	0.200	10	10.78	84.5	75 - 125				

PDS Sample ID: **HS21010577-01PDS** Units: **mg/L** Analysis Date: **27-Jan-2021 12:26**
Client ID: Run ID: **ICPMS05_377005** SeqNo: **5932758** PrepDate: **19-Jan-2021** DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Manganese	17.57	0.500	10	8.489	90.8	75 - 125				

SD Sample ID: **HS21010577-01SD** Units: **mg/L** Analysis Date: **27-Jan-2021 00:56**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932077** PrepDate: **19-Jan-2021** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Iron	10.86	1.00					10.78	0.655	10	

SD Sample ID: **HS21010577-01SD** Units: **mg/L** Analysis Date: **27-Jan-2021 12:24**
Client ID: Run ID: **ICPMS05_377005** SeqNo: **5932757** PrepDate: **19-Jan-2021** DF: **500**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Manganese	9.049	2.50					8.489	6.6	10	

The following samples were analyzed in this batch: HS21010391-01 HS21010391-02 HS21010391-03 HS21010391-04 HS21010391-05

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

QC BATCH REPORT

Batch ID: R376319 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MBLK Sample ID: **VBLKW-210113** Units: **ug/L** Analysis Date: **13-Jan-2021 16:07**
Client ID: Run ID: **VOA6_376319** SeqNo: **5918848** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,2-Trichloroethane	1.0	1.0								U
1,2,4-Trichlorobenzene	1.0	1.0								U
1,2-Dibromoethane	0.50	1.0								U
1,2-Dichloroethane	0.50	1.0								U
1,3,5-Trimethylbenzene	1.0	1.0								U
2-Butanone	1.0	2.0								U
2-Chlorotoluene	1.0	1.0								U
2-Hexanone	2.0	2.0								U
4-Isopropyltoluene	1.0	1.0								U
4-Methyl-2-pentanone	2.0	2.0								U
Acetone	2.0	2.0								U
Benzene	0.50	1.0								U
Carbon disulfide	2.0	2.0								U
Chloromethane	0.50	1.0								U
cis-1,2-Dichloroethene	0.50	1.0								U
Dichlorodifluoromethane	1.0	1.0								U
Ethylbenzene	1.0	1.0								U
Isopropylbenzene	1.0	1.0								U
m,p-Xylene	1.0	2.0								U
Methyl tert-butyl ether	0.50	1.0								U
Methylene chloride	2.0	2.0								U
Naphthalene	1.0	1.0								U
n-Butylbenzene	1.0	1.0								U
n-Propylbenzene	1.0	1.0								U
o-Xylene	1.0	1.0								U
sec-Butylbenzene	1.0	1.0								U
tert-Butylbenzene	1.0	1.0								U
Tetrachloroethene	1.0	1.0								U
Toluene	0.50	1.0								U
trans-1,2-Dichloroethene	0.50	1.0								U
Trichloroethene	0.50	1.0								U
Trichlorofluoromethane	1.0	1.0								U
Vinyl chloride	0.50	1.0								U
Xylenes, Total	1.0	1.0								U

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

QC BATCH REPORT

Batch ID: R376319 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MBLK Sample ID: **VBLKW-210113** Units: **ug/L** Analysis Date: **13-Jan-2021 16:07**
Client ID: Run ID: **VOA6_376319** SeqNo: **5918848** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	*45.14*	*1.0*	*50*	*0*	*90.3*	*81 - 118*				
Surr: 4-Bromofluorobenzene	*52.22*	*1.0*	*50*	*0*	*104*	*85 - 114*				
Surr: Dibromofluoromethane	*46.98*	*1.0*	*50*	*0*	*94.0*	*80 - 119*				
Surr: Toluene-d8	*50.55*	*1.0*	*50*	*0*	*101*	*89 - 112*				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

QC BATCH REPORT

Batch ID: R376319 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

LCS Sample ID: **VLCSW-210113** Units: **ug/L** Analysis Date: **13-Jan-2021 15:04**
Client ID: Run ID: **VOA6_376319** SeqNo: **5918847** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,2-Trichloroethane	20.25	1.0	20	0	101	80 - 119				
1,2,4-Trichlorobenzene	20.88	1.0	20	0	104	69 - 130				
1,2-Dibromoethane	20.55	1.0	20	0	103	77 - 121				
1,2-Dichloroethane	19.16	1.0	20	0	95.8	73 - 128				
1,3,5-Trimethylbenzene	20.57	1.0	20	0	103	75 - 124				
2-Butanone	37.57	2.0	40	0	93.9	56 - 143				
2-Chlorotoluene	19.83	1.0	20	0	99.2	79 - 122				
2-Hexanone	35.34	2.0	40	0	88.3	57 - 139				
4-Isopropyltoluene	21.05	1.0	20	0	105	77 - 127				
4-Methyl-2-pentanone	34.48	2.0	40	0	86.2	67 - 130				
Acetone	44.67	2.0	40	0	112	39 - 160				
Benzene	20.37	1.0	20	0	102	79 - 120				
Carbon disulfide	40.52	2.0	40	0	101	64 - 133				
Chloromethane	17.23	1.0	20	0	86.2	50 - 139				
cis-1,2-Dichloroethene	20.93	1.0	20	0	105	78 - 123				
Dichlorodifluoromethane	16.07	1.0	20	0	80.4	32 - 152				
Ethylbenzene	21.4	1.0	20	0	107	79 - 121				
Isopropylbenzene	21.3	1.0	20	0	106	72 - 131				
m,p-Xylene	42.7	2.0	40	0	107	80 - 121				
Methyl tert-butyl ether	17.59	1.0	20	0	88.0	71 - 124				
Methylene chloride	20.48	2.0	20	0	102	74 - 124				
Naphthalene	20.27	1.0	20	0	101	61 - 128				
n-Butylbenzene	20.97	1.0	20	0	105	75 - 128				
n-Propylbenzene	20.47	1.0	20	0	102	76 - 126				
o-Xylene	21.18	1.0	20	0	106	78 - 122				
sec-Butylbenzene	21.03	1.0	20	0	105	77 - 126				
tert-Butylbenzene	25.26	1.0	20	0	126	78 - 124				S
Tetrachloroethene	21.5	1.0	20	0	107	74 - 129				
Toluene	21.12	1.0	20	0	106	80 - 121				
trans-1,2-Dichloroethene	21.33	1.0	20	0	107	75 - 124				
Trichloroethene	21.16	1.0	20	0	106	79 - 123				
Trichlorofluoromethane	19.78	1.0	20	0	98.9	65 - 141				
Vinyl chloride	18.06	1.0	20	0	90.3	58 - 137				
Xylenes, Total	63.88	1.0	60	0	106	78 - 122				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

QC BATCH REPORT

Batch ID: R376319 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

LCS Sample ID: **VLCSW-210113** Units: **ug/L** Analysis Date: **13-Jan-2021 15:04**
Client ID: Run ID: **VOA6_376319** SeqNo: **5918847** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	*47.79*	*1.0*	*50*	*0*	*95.6*	*81 - 118*				
Surr: 4-Bromofluorobenzene	*52.51*	*1.0*	*50*	*0*	*105*	*85 - 114*				
Surr: Dibromofluoromethane	*48.94*	*1.0*	*50*	*0*	*97.9*	*80 - 119*				
Surr: Toluene-d8	*49.34*	*1.0*	*50*	*0*	*98.7*	*89 - 112*				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

QC BATCH REPORT

Batch ID: R376319 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MS Sample ID: **HS21010391-04MS** Units: **ug/L** Analysis Date: **13-Jan-2021 19:59**
Client ID: **106MW-2I-LTM-011121** Run ID: **VOA6_376319** SeqNo: **5918855** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,2-Trichloroethane	19.9	1.0	20	0	99.5	80 - 119				
1,2,4-Trichlorobenzene	15.14	1.0	20	0	75.7	69 - 130				
1,2-Dibromoethane	16.32	1.0	20	0	81.6	77 - 121				
1,2-Dichloroethane	16.15	1.0	20	1.011	75.7	73 - 128				
1,3,5-Trimethylbenzene	17.67	1.0	20	0	88.4	75 - 124				
2-Butanone	28.6	2.0	40	0	71.5	56 - 143				
2-Chlorotoluene	17.03	1.0	20	0	85.2	79 - 122				
2-Hexanone	34.5	2.0	40	0	86.3	57 - 139				
4-Isopropyltoluene	18.98	1.0	20	0	94.9	77 - 127				
4-Methyl-2-pentanone	32.76	2.0	40	0	81.9	67 - 130				
Acetone	24.13	2.0	40	0	60.3	39 - 160				
Benzene	17.44	1.0	20	0	87.2	79 - 120				
Carbon disulfide	33.46	2.0	40	0	83.6	64 - 133				
Chloromethane	16.92	1.0	20	0	84.6	50 - 139				
cis-1,2-Dichloroethene	16.27	1.0	20	0	81.3	78 - 123				
Dichlorodifluoromethane	18.23	1.0	20	0	91.1	32 - 152				
Ethylbenzene	18.47	1.0	20	0	92.3	79 - 121				
Isopropylbenzene	20.55	1.0	20	2.38	90.9	72 - 131				
m,p-Xylene	36.35	2.0	40	0	90.9	80 - 121				
Methyl tert-butyl ether	16.25	1.0	20	0	81.2	71 - 124				
Methylene chloride	16.12	2.0	20	0	80.6	74 - 124				
Naphthalene	15.26	1.0	20	0	76.3	61 - 128				
n-Butylbenzene	17.9	1.0	20	0	89.5	75 - 128				
n-Propylbenzene	18.05	1.0	20	0	90.2	76 - 126				
o-Xylene	17.5	1.0	20	0	87.5	78 - 122				
sec-Butylbenzene	20.41	1.0	20	2.359	90.2	77 - 126				
tert-Butylbenzene	22.87	1.0	20	0	114	78 - 124				
Tetrachloroethene	19.04	1.0	20	0	95.2	74 - 129				
Toluene	17.71	1.0	20	0	88.5	80 - 121				
trans-1,2-Dichloroethene	17	1.0	20	0	85.0	75 - 124				
Trichloroethene	17.47	1.0	20	0	87.3	79 - 123				
Trichlorofluoromethane	17.96	1.0	20	0	89.8	65 - 141				
Vinyl chloride	16.92	1.0	20	0	84.6	58 - 137				
Xylenes, Total	53.84	1.0	60	0	89.7	78 - 122				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

QC BATCH REPORT

Batch ID: R376319 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MS Sample ID: **HS21010391-04MS** Units: **ug/L** Analysis Date: **13-Jan-2021 19:59**
Client ID: **106MW-2I-LTM-011121** Run ID: **VOA6_376319** SeqNo: **5918855** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	*45.05*	*1.0*	*50*	*0*	*90.1*	*81 - 118*				
Surr: 4-Bromofluorobenzene	*51.45*	*1.0*	*50*	*0*	*103*	*85 - 114*				
Surr: Dibromofluoromethane	*47.18*	*1.0*	*50*	*0*	*94.4*	*80 - 119*				
Surr: Toluene-d8	*50.37*	*1.0*	*50*	*0*	*101*	*89 - 112*				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

QC BATCH REPORT

Batch ID: R376319 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MSD Sample ID: **HS21010391-04MSD** Units: **ug/L** Analysis Date: **13-Jan-2021 20:20**
Client ID: **106MW-2I-LTM-011121** Run ID: **VOA6_376319** SeqNo: **5918856** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,2-Trichloroethane	19.73	1.0	20	0	98.7	80 - 119	19.9	0.827	20	
1,2,4-Trichlorobenzene	17.51	1.0	20	0	87.6	69 - 130	15.14	14.5	20	
1,2-Dibromoethane	16.78	1.0	20	0	83.9	77 - 121	16.32	2.81	20	
1,2-Dichloroethane	16.01	1.0	20	1.011	75.0	73 - 128	16.15	0.86	20	
1,3,5-Trimethylbenzene	17.68	1.0	20	0	88.4	75 - 124	17.67	0.0648	20	
2-Butanone	28.37	2.0	40	0	70.9	56 - 143	28.6	0.779	20	
2-Chlorotoluene	16.85	1.0	20	0	84.2	79 - 122	17.03	1.08	20	
2-Hexanone	35.39	2.0	40	0	88.5	57 - 139	34.5	2.54	20	
4-Isopropyltoluene	18.77	1.0	20	0	93.8	77 - 127	18.98	1.11	20	
4-Methyl-2-pentanone	32.83	2.0	40	0	82.1	67 - 130	32.76	0.193	20	
Acetone	23.69	2.0	40	0	59.2	39 - 160	24.13	1.82	20	
Benzene	16.92	1.0	20	0	84.6	79 - 120	17.44	3.06	20	
Carbon disulfide	31.47	2.0	40	0	78.7	64 - 133	33.46	6.13	20	
Chloromethane	15.99	1.0	20	0	79.9	50 - 139	16.92	5.66	20	
cis-1,2-Dichloroethene	15.74	1.0	20	0	78.7	78 - 123	16.27	3.28	20	
Dichlorodifluoromethane	17.34	1.0	20	0	86.7	32 - 152	18.23	4.97	20	
Ethylbenzene	17.84	1.0	20	0	89.2	79 - 121	18.47	3.48	20	
Isopropylbenzene	20.14	1.0	20	2.38	88.8	72 - 131	20.55	2	20	
m,p-Xylene	36.18	2.0	40	0	90.4	80 - 121	36.35	0.473	20	
Methyl tert-butyl ether	16.16	1.0	20	0	80.8	71 - 124	16.25	0.536	20	
Methylene chloride	15.89	2.0	20	0	79.4	74 - 124	16.12	1.45	20	
Naphthalene	18.66	1.0	20	0	93.3	61 - 128	15.26	20	20	R
n-Butylbenzene	17.98	1.0	20	0	89.9	75 - 128	17.9	0.481	20	
n-Propylbenzene	17.58	1.0	20	0	87.9	76 - 126	18.05	2.61	20	
o-Xylene	17.57	1.0	20	0	87.8	78 - 122	17.5	0.416	20	
sec-Butylbenzene	20.3	1.0	20	2.359	89.7	77 - 126	20.41	0.506	20	
tert-Butylbenzene	22.41	1.0	20	0	112	78 - 124	22.87	2.07	20	
Tetrachloroethene	18.63	1.0	20	0	93.1	74 - 129	19.04	2.16	20	
Toluene	17.04	1.0	20	0	85.2	80 - 121	17.71	3.84	20	
trans-1,2-Dichloroethene	15.97	1.0	20	0	79.9	75 - 124	17	6.19	20	
Trichloroethene	16.69	1.0	20	0	83.5	79 - 123	17.47	4.55	20	
Trichlorofluoromethane	16.64	1.0	20	0	83.2	65 - 141	17.96	7.63	20	
Vinyl chloride	15.92	1.0	20	0	79.6	58 - 137	16.92	6.04	20	
Xylenes, Total	53.74	1.0	60	0	89.6	78 - 122	53.84	0.183	20	

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

QC BATCH REPORT

Batch ID: R376319 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MSD Sample ID: **HS21010391-04MSD** Units: **ug/L** Analysis Date: **13-Jan-2021 20:20**
Client ID: **106MW-2I-LTM-011121** Run ID: **VOA6_376319** SeqNo: **5918856** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	*43.92*	*1.0*	*50*	*0*	*87.8*	*81 - 118*	*45.05*	*2.54*	*20*	
Surr: 4-Bromofluorobenzene	*51.16*	*1.0*	*50*	*0*	*102*	*85 - 114*	*51.45*	*0.556*	*20*	
Surr: Dibromofluoromethane	*46.66*	*1.0*	*50*	*0*	*93.3*	*80 - 119*	*47.18*	*1.1*	*20*	
Surr: Toluene-d8	*50.26*	*1.0*	*50*	*0*	*101*	*89 - 112*	*50.37*	*0.218*	*20*	

The following samples were analyzed in this batch: HS21010391-01 HS21010391-02 HS21010391-03 HS21010391-04 HS21010391-05 HS21010391-06

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

QC BATCH REPORT

Batch ID: R376248 (0) **Instrument:** UV-2450 **Method:** ORTHO PHOSPHATE (PO4) AS P BY E365.3

MBLK Sample ID: **MBLK-376248** Units: **mg/L** Analysis Date: **13-Jan-2021 09:30**
Client ID: Run ID: **UV-2450_376248** SeqNo: **5917494** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Dissolved Orthophosphate (As P)	0.0250	0.0250								U

LCS Sample ID: **LCS-376248** Units: **mg/L** Analysis Date: **13-Jan-2021 09:30**
Client ID: Run ID: **UV-2450_376248** SeqNo: **5917495** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Dissolved Orthophosphate (As P)	0.264	0.0250	0.25	0	106	85 - 115				

MS Sample ID: **HS21010391-05MS** Units: **mg/L** Analysis Date: **13-Jan-2021 09:30**
Client ID: **106EX2-LTM-011121** Run ID: **UV-2450_376248** SeqNo: **5917497** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Dissolved Orthophosphate (As P)	0.258	0.0250	0.25	-0.002	104	80 - 120				

MSD Sample ID: **HS21010391-05MSD** Units: **mg/L** Analysis Date: **13-Jan-2021 09:30**
Client ID: **106EX2-LTM-011121** Run ID: **UV-2450_376248** SeqNo: **5917498** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Dissolved Orthophosphate (As P)	0.261	0.0250	0.25	-0.002	105	80 - 120	0.258	1.16	20	

The following samples were analyzed in this batch: HS21010391-01 HS21010391-02 HS21010391-03 HS21010391-04 HS21010391-05

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

QC BATCH REPORT

Batch ID: R376366 (0) **Instrument: ManTech01** **Method: ALKALINITY BY SM2320B**

MBLK Sample ID: **WBLKW2-210114** Units: **mg/L** Analysis Date: **14-Jan-2021 20:12**
Client ID: Run ID: **ManTech01_376366** SeqNo: **5919666** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	5.00	5.00								U

LCS Sample ID: **LCS2-210114** Units: **mg/L** Analysis Date: **14-Jan-2021 19:41**
Client ID: Run ID: **ManTech01_376366** SeqNo: **5919662** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	1017	5.00	1000	0	102	85 - 115				

LCSD Sample ID: **LCSD2-210114** Units: **mg/L** Analysis Date: **14-Jan-2021 19:51**
Client ID: Run ID: **ManTech01_376366** SeqNo: **5919663** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	1018	5.00	1000	0	102	85 - 115	1017	0.151	20	

DUP Sample ID: **HS21010386-10DUP** Units: **mg/L** Analysis Date: **14-Jan-2021 20:25**
Client ID: Run ID: **ManTech01_376366** SeqNo: **5919668** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	423.3	5.00					421.7	0.383	20	

The following samples were analyzed in this batch: HS21010391-01 HS21010391-02 HS21010391-03 HS21010391-04 HS21010391-05

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

QC BATCH REPORT

Batch ID: R376398 (0) **Instrument:** ICS-Integrion **Method:** ANIONS BY SW9056A

MBLK Sample ID: **MBLK-011221** Units: **mg/L** Analysis Date: **13-Jan-2021 14:35**
Client ID: Run ID: **ICS-Integrion_376398** SeqNo: **5920406** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Bromide	0.100	0.100								U
Chloride	0.207	0.500								J
Nitrogen, Nitrate (As N)	0.100	0.100								U
Nitrogen, Nitrite (As N)	0.100	0.100								U
Sulfate	0.500	0.500								U

LCS Sample ID: **LCS-011221** Units: **mg/L** Analysis Date: **13-Jan-2021 14:17**
Client ID: Run ID: **ICS-Integrion_376398** SeqNo: **5920405** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Bromide	3.73	0.100	4	0	93.3	80 - 120				
Chloride	20.64	0.500	20	0	103	80 - 120				
Nitrogen, Nitrate (As N)	4.038	0.100	4	0	101	80 - 120				
Nitrogen, Nitrite (As N)	4.336	0.100	4	0	108	80 - 120				
Sulfate	20.66	0.500	20	0	103	80 - 120				

MS Sample ID: **HS21010391-02MS** Units: **mg/L** Analysis Date: **12-Jan-2021 21:47**
Client ID: **106064-LTM-011121-FD** Run ID: **ICS-Integrion_376398** SeqNo: **5920398** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Bromide	2.772	0.100	2	0.8808	94.6	80 - 120				
Chloride	57.5	0.500	10	47.41	101	80 - 120				O
Nitrogen, Nitrate (As N)	1.9	0.100	2	0.0632	91.9	80 - 120				
Nitrogen, Nitrite (As N)	2.118	0.100	2	0	106	80 - 120				
Sulfate	9.969	0.500	10	0.2322	97.4	80 - 120				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

QC BATCH REPORT

Batch ID: R376398 (0) **Instrument:** ICS-Integrion **Method:** ANIONS BY SW9056A

MSD Sample ID: **HS21010391-02MSD** Units: **mg/L** Analysis Date: **12-Jan-2021 22:05**
Client ID: **106064-LTM-011121-FD** Run ID: **ICS-Integrion_376398** SeqNo: **5920399** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Bromide	2.845	0.100	2	0.8808	98.2	80 - 120	2.772	2.6	20	
Chloride	58.51	0.500	10	47.41	111	80 - 120	57.5	1.73	20	O
Nitrogen, Nitrate (As N)	1.961	0.100	2	0.0632	94.9	80 - 120	1.9	3.15	20	
Nitrogen, Nitrite (As N)	2.304	0.100	2	0	115	80 - 120	2.118	8.41	20	
Sulfate	10.43	0.500	10	0.2322	102	80 - 120	9.969	4.49	20	

The following samples were analyzed in this batch: HS21010391-01 HS21010391-02 HS21010391-03 HS21010391-04 HS21010391-05

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

QC BATCH REPORT

Batch ID: R376738 (0) **Instrument:** ICS-Integrion **Method:** ANIONS BY SW9056A

MBLK Sample ID: **MBLK-012021** Units: **mg/L** Analysis Date: **21-Jan-2021 09:55**
Client ID: Run ID: **ICS-Integrion_376738** SeqNo: **5927137** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	0.500	0.500								U

LCS Sample ID: **LCS-012021** Units: **mg/L** Analysis Date: **21-Jan-2021 10:49**
Client ID: Run ID: **ICS-Integrion_376738** SeqNo: **5927138** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	20.53	0.500	20	0	103	80 - 120				

MS Sample ID: **HS21010741-04MS** Units: **mg/L** Analysis Date: **21-Jan-2021 05:23**
Client ID: Run ID: **ICS-Integrion_376738** SeqNo: **5927130** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	41.82	0.500	10	31.42	104	80 - 120				

MSD Sample ID: **HS21010741-04MSD** Units: **mg/L** Analysis Date: **21-Jan-2021 05:41**
Client ID: Run ID: **ICS-Integrion_376738** SeqNo: **5927131** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	40.63	0.500	10	31.42	92.1	80 - 120	41.82	2.89	20	

The following samples were analyzed in this batch: HS21010391-04 HS21010391-05

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: **HS21010391**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

ALS Houston, US Date: 27-Jan-21

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	20-030-0	26-Mar-2021
California	2919, 2020-2021	30-Apr-2021
Dept of Defense	PJLA L20-507	22-Dec-2021
Florida	E87611-30-07/01/2020	30-Jun-2021
Illinois	2000322020-4	09-May-2021
Kansas	E-10352 2020-2021	31-Jul-2021
Kentucky	123043, 2020-2021	30-Apr-2021
Louisiana	03087, 2020-2021	30-Jun-2021
North Carolina	624-2021	31-Dec-2021
North Dakota	R-193 2020-2021	30-Apr-2021
Oklahoma	2020-165	31-Aug-2021
Texas	T104704231-20-26	30-Apr-2021

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
Work Order: HS21010391

SAMPLE TRACKING

Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS21010391-01	106064-LTM-011121	Login	1/12/2021 3:55:54 PM	NDR	MET077
HS21010391-01	106064-LTM-011121	Login	1/12/2021 3:55:54 PM	NDR	Disposed
HS21010391-01	106064-LTM-011121	Login	1/12/2021 3:55:54 PM	NDR	Sub
HS21010391-01	106064-LTM-011121	Login	1/12/2021 3:55:54 PM	NDR	MET077
HS21010391-01	106064-LTM-011121	Login	1/12/2021 3:55:54 PM	NDR	Disposed
HS21010391-01	106064-LTM-011121	Login	1/12/2021 3:55:54 PM	NDR	VOA024
HS21010391-01	106064-LTM-011121	Login	1/12/2021 3:55:54 PM	NDR	RSK008

ALS Houston, US Date: 27-Jan-21

Sample Receipt Checklist

Work Order ID: HS21010391 **Date/Time Received:** 12-Jan-2021 10:45
Client Name: CBI-Houston **Received by:** Paresh M. Giga

Completed By:	/S/ Nilesh D. Ranchod	12-Jan-2021 16:15	**Reviewed by:**	/S/ RJ Modashia	13-Jan-2021 10:48
	eSignature	Date/Time		eSignature	Date/Time

Matrices: **WATER** Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:5013967-GW-012
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	

Temperature(s)/Thermometer(s):	03C/0.3C UC/C	IR 31
Cooler(s)/Kit(s):	45939	
Date/Time sample(s) sent to storage:	01/12/2021 4:30pm	

Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

APTIM

CHAIN OF CUSTODY

Reference Document # 501397-GW-012

GW Sampling - ALS Houston

Project Manager: Kathleen Romalia

Send Report To: Susan Huang
Phone Number: 925-288-2099
Address: 4005 Port Chicago Hwy
City: Concord, CA 94520
susan.huang@aptim.com

Sampler's Name(s): C. LaChance

Project Number: 501397
Project Name / Location: KAFB ROS
Purchase Order #: 207025
Shipment Date: 1/11/21
FedEx ~~GPS~~ Number: 447308389174

Lab Destination: ALS Environmental
Mon-Fri DELIVERY
10450 Stancliff Road, Suite 210
Houston, TX 77099
Lab Contact Name: RJ Modashia
Phone #: 281-530-5656

Sample ID Number	Location	Date	Time	Method	Matrix	# of containers	Preservative	Container	Requested Analyses: Dissolved Fe and Mn (SW6020) HNO3 125 mL PE	Total Lead (SW6020) HNO3 125 mL PE	EDB (SW8011) Ice 3X40 mL VOAs	VOCs (SW8260B) HCl 3X40 mL VOAs	Anions (Chloride, sulfate, nitrate-nitrite, and bromide) (EPA 9056)/ Alkallinity (SM2320B) Ice 125 mL PE	Dissolved O-Phosphate (EPA Method 365.3) Ice 250 mL PE	Iodide (EPA Method 300.0) Ice 250 mL PE
✓ 106064-LTM-011121	KAFB-106064	1/11/21	0945	G	GW	11	—	—	X	X	X	X	X	X	X
✓ 106064-LTM-011121-FD	"	1/11/21	0945	G	GW	11	—	—	X	X	X	X	X	X	X
✓ 106063-LTM-011121	KAFB-106063	1/11/21	1041	G	GW	11	—	—	X	X	X	X	X	X	X
✓ 106MW2I-LTM-011121	KAFB-106MW2-I	1/11/21	1415	G	GW	11	—	—	X	X	X	X	X	X	X
✓ 106EX2-LTM-011121	KAFB-106EX2	1/11/21	1410	G	GW	11	—	—	X	X	X	X	X	X	X
✓ TB-011121	Trip Blank	1/11/21	1500	—	—	2	—	—				X			

Turnaround Time: Standard 21 Day ☐ 24-hr ☐ 48-hr
All Methods ☐ 3-day

Level Of QC Required: I II (III) IV Project Specific: unless IV requested

Relinquished By: Date: 1/11/21 Time: 1700
Received By: Date: 1/12/21 Time:
Relinquished By: Date: Time:
Received By: Date: Time:

HS21010391
Aptim Environmental & Infrastucture, Inc.
KAFB ROS

ALS
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

45939

CUSTODY SEAL
Date: 1/11/21 Time: 1700
Name: CQL
Company: APTIM

Seal Broken By: SM
Date: 01/12/21

45939 JAN 1 2 2021

ALS
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

45939

CUSTODY SEAL
Date: 1/11/21 Time: 1700
Name: CQL
Company: APTIM

Seal Broken By: SM
Date: 01/12/21

Must Deliver Next Business Day
Time and Tempature Sensitive!

45939

ORIGIN ID:SGRA (505) 328-4710
CAITLIN LACHANCE
APTIM
2931 MADEIRA DR. NE

ALBUQUERQUE, NM 87110
UNITED STATES US

SHIP DATE: 31DEC20
ACTWGT: 1.00 LB MAN
CAD: 0221247/CAFE3408
DIMS: 26x14x14 IN

TO CLIENT SERVICES
ALS LABORATORY GROUP
10450 STANCLIFF ROAD
SUITE 210
HOUSTON TX 77099
(281) 530-5868
REF: KIRTLAND AFBQ1 - BQ75726 - RJ

RMA:

FedEx Express

FedEx
TRK# 0221 9473 0838 9174

TUE - 12 JAN 10:30A
PRIORITY OVERNIGHT

XH SGRA

77099
TX-US IAH

19-Jan-2021

RJ Modashia
ALS Group USA, Corp.
10450 Stancliff Road
Suite 210
Houston, TX 77099-4338

Re: **HS21010391** Work Order: **21010335**

Dear RJ,

ALS Environmental received 5 samples on 14-Jan-2021 10:20 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 7.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Shawn Smythe

Electronically approved by: Shawn Smythe

Shawn Smythe
Project Manager

Report of Laboratory Analysis

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company
Environmental www.alsglobal.com
RIGHT SOLUTIONS RIGHT PARTNER

ALS Environmental

Date: 19-Jan-21

Client: ALS Group USA, Corp.
Project: HS21010391
Work Order: **21010335**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
21010335-01	106064-LTM-011121	Water		1/11/2021 09:45	1/14/2021 10:20	☐
21010335-02	106064-LTM-011121-FD	Water		1/11/2021 09:45	1/14/2021 10:20	☐
21010335-03	106063-LTM-011121	Water		1/11/2021 10:41	1/14/2021 10:20	☐
21010335-04	106MW-2I-LTM-011121	Water		1/11/2021 14:15	1/14/2021 10:20	☐
21010335-05	106EX2-LTM-011121	Water		1/11/2021 14:10	1/14/2021 10:20	☐

ALS Environmental

Date: 19-Jan-21

Client: ALS Group USA, Corp.
Project: HS21010391
Work Order: 21010335

Case Narrative

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Results relate only to the items tested and are not blank corrected unless indicated.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

ALS is an EPA recognized NLLAP laboratory for lead paint, soil, and dust wipe analyses under its AIHA-LAP accreditation.

ALS Environmental

Date: *19-Jan-21*

Client: ALS Group USA, Corp.
Project: HS21010391

Work Order: 21010335

Lab ID: 21010335-01A
Collection Date: 1/11/2021 9:45:00 AM
Client Sample ID: 106064-LTM-011121
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
IODIDE BY EPA 300 MOD.			**E300.0**			Analyst: **SRL**
Iodide	**4.6**		**0.20**	**mg/L**	1	1/18/2021 05:40 PM

Lab ID: 21010335-02A
Collection Date: 1/11/2021 9:45:00 AM
Client Sample ID: 106064-LTM-011121-FD
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
IODIDE BY EPA 300 MOD.			**E300.0**			Analyst: **SRL**
Iodide	**4.9**		**0.20**	**mg/L**	1	1/18/2021 05:53 PM

Lab ID: 21010335-03A
Collection Date: 1/11/2021 10:41:00 AM
Client Sample ID: 106063-LTM-011121
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
IODIDE BY EPA 300 MOD.			**E300.0**			Analyst: **SRL**
Iodide	**4.7**		**0.20**	**mg/L**	1	1/18/2021 06:05 PM

Lab ID: 21010335-04A
Collection Date: 1/11/2021 2:15:00 PM
Client Sample ID: 106MW-2I-LTM-011121
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
IODIDE BY EPA 300 MOD.			**E300.0**			Analyst: **SRL**
Iodide	ND		0.20	mg/L	1	1/18/2021 06:17 PM

Lab ID: 21010335-05A
Collection Date: 1/11/2021 2:10:00 PM
Client Sample ID: 106EX2-LTM-011121
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
IODIDE BY EPA 300 MOD.			**E300.0**			Analyst: **SRL**
Iodide	ND		0.20	mg/L	1	1/18/2021 07:44 PM

Note:

ALS Environmental

Date: 19-Jan-21

Client: ALS Group USA, Corp.
Work Order: 21010335
Project: HS21010391

QC BATCH REPORT

Batch ID: **72206** Instrument ID **IC1** Method: **E300.0**

MBLK	Sample ID: **MBLK-72206-72206**			Units: **mg/L**			Analysis Date: **1/18/2021 05:03 PM**			
Client ID:	Run ID: **IC1_210118A**			SeqNo: **2383474**			Prep Date: **1/18/2021**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iodide	ND	0.20								

LCS	Sample ID: **LCS-72206-72206**			Units: **mg/L**			Analysis Date: **1/18/2021 05:16 PM**			
Client ID:	Run ID: **IC1_210118A**			SeqNo: **2383475**			Prep Date: **1/18/2021**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iodide	10.11	0.20	10	0	101	70-130	0			

LCSD	Sample ID: **LCSD-72206-72206**			Units: **mg/L**			Analysis Date: **1/18/2021 05:28 PM**			
Client ID:	Run ID: **IC1_210118A**			SeqNo: **2383476**			Prep Date: **1/18/2021**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iodide	10.65	0.20	10	0	106	70-130	10.11	5.23	20	

MS	Sample ID: **21010448-01A MS**			Units: **mg/L**			Analysis Date: **1/18/2021 08:58 PM**			
Client ID:	Run ID: **IC1_210118A**			SeqNo: **2383491**			Prep Date: **1/18/2021**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iodide	16.53	0.20	10	5.498	110	70-130	0			

MSD	Sample ID: **21010448-01A MSD**			Units: **mg/L**			Analysis Date: **1/18/2021 09:11 PM**			
Client ID:	Run ID: **IC1_210118A**			SeqNo: **2383492**			Prep Date: **1/18/2021**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iodide	16.1	0.20	10	5.498	106	70-130	16.53	2.64	20	

The following samples were analyzed in this batch:

21010335-01A	21010335-02A	21010335-03A
21010335-04A	21010335-05A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC Page: 1 of 1

ALS Environmental

Date: 19-Jan-21

Client: ALS Group USA, Corp.
Project: HS21010391
WorkOrder: **21010335**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported	Description
mg/L	

ALS Environmental

Sample Receipt Checklist

Client Name: **ALS-HOUSTON** Date/Time Received: **14-Jan-21 10:20**

Work Order: **21010335** Received by: **SNH**

Checklist completed by Stephanie Harrington 14-Jan-21 Reviewed by: Rob Nieman 15-Jan-21
eSignature Date eSignature Date

Matrices:
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	2.9		
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

10450 Stancliff Rd, Ste 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887
www.alsglobal.com

2010335

Subcontract Chain of Custody

SAMPLING STATE: **Dept of Defense** **COC ID:** **15477**

SUBCONTRACT TO:

ALS Laboratory Group-Cincinnati
4388 Glendale-Milford Road
Cincinnati, OH 45242

Phone: +1 513 733 5336

CUSTOMER INFORMATION:

Company:	ALS Houston
Contact:	RJ Modashia
Address:	10450 Stancliff Rd, Ste 210
Phone:	+1 281 530 5656
Email:	RJ.Modashia@alsglobal.com
Alternate Contact:	Jumoke M. Lawal
Email:	jumoke.lawal@alsglobal.com

INVOICE INFORMATION:

Company:	ALS Houston
Contact:	Accounts Payable
Address:	10450 Stancliff Rd, Ste 210
Phone:	+1 281 530 5656
Reference:	HS21010391
TSR:	Sonia West

	LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	COLLECT DATE
	ANALYSIS REQUESTED			DUE DATE
1.	**HS21010391-01**	**106064-LTM-011121**	**Groundwater**	**11 Jan 2021 09:45**
	Sub_Iodide			26 Jan 2021
2.	**HS21010391-02**	**106064-LTM-011121-FD**	**Groundwater**	**11 Jan 2021 09:45**
	Sub_Iodide			26 Jan 2021
3.	**HS21010391-03**	**106063-LTM-011121**	**Groundwater**	**11 Jan 2021 10:41**
	Sub_Iodide			26 Jan 2021
4.	**HS21010391-04**	**106MW-2I-LTM-011121**	**Groundwater**	**11 Jan 2021 14:15**
	Sub_Iodide			26 Jan 2021
5.	**HS21010391-05**	**106EX2-LTM-011121**	**Groundwater**	**11 Jan 2021 14:10**
	Sub_Iodide			26 Jan 2021

Comments: Please analyze for the analysis listed above.
Send report to the emails shown above.

QC Level: DOD III (DoD Level III)

RIGHT SOLUTIONS | RIGHT PARTNER

21010335

Subcontract Chain of Custody

SAMPLING STATE: Dept of Defense **COC ID:** 15477

Relinquished By: _____ Date/Time: 1/13/2021 1800

Received By: _____ Date/Time: 1-14-21 1020

Cooler ID(s): _____ Temperature(s): _____

fedex
Custody Seal
2.9c 119059

HS21010391 8260_W_DOD Forms

ALS WO# HS21010391

MSVOA06 -Logbook

Batch: 43226 **Analyst:** Devak Giga

Date: 01-07-2021 **Reviewer:**

Method: 8260_W_DOD **Laboratory:** Houston

Comments:

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
1	BFB	BFB	01-07-2021 11:04 am	1.00	0.00 mL	0.00 mL	X010701.D	Liquid	Y	NA
2	VSTD000.25	CALIB_1	01-07-2021 11:25 am	1.00	5.00 mL	0.00 mL	X010702.D	Liquid	Y	NA
3	VSTD000.5	CALIB_2	01-07-2021 12:07 pm	1.00	5.00 mL	0.00 mL	X010703.D	Liquid	Y	NA
4	VSTD001	CALIB_3	01-07-2021 12:28 pm	1.00	5.00 mL	0.00 mL	X010704.D	Liquid	Y	NA
5	VSTD002	CALIB_4	01-07-2021 12:49 pm	1.00	5.00 mL	0.00 mL	X010705.D	Liquid	Y	NA
6	VSTD005	CALIB_5	01-07-2021 01:10 pm	1.00	5.00 mL	0.00 mL	X010706.D	Liquid	Y	NA
7	VSTD020	CALIB_6	01-07-2021 01:31 pm	1.00	5.00 mL	0.00 mL	X010707.D	Liquid	Y	NA
8	VSTD050	CALIB_7	01-07-2021 01:51 pm	1.00	5.00 mL	0.00 mL	X010708.D	Liquid	Y	NA
9	VSTD100	CALIB_8	01-07-2021 02:12 pm	1.00	5.00 mL	0.00 mL	X010709.D	Liquid	Y	NA
10	VSTD150	CALIB_9	01-07-2021 02:33 pm	1.00	5.00 mL	0.00 mL	X010710.D	Liquid	Y	NA
11	VSTD200	CALIB_10	01-07-2021 02:54 pm	1.00	5.00 mL	0.00 mL	X010711.D	Liquid	Y	NA
12	BLANK	SAMP	01-07-2021 03:15 pm	1.00	5.00 mL	0.00 mL	X010712.D	Liquid	Y	NA
13	ICV	METHSPIKI	01-07-2021 03:36 pm	1.00	5.00 mL	0.00 mL	X010713.D	Liquid	Y	NA
14	BLANK	SAMP	01-07-2021 03:57 pm	1.00	5.00 mL	0.00 mL	X010714.D	Liquid	Y	NA
15	CCB	SAMP	01-07-2021 04:18 pm	1.00	5.00 mL	0.00 mL	X010715.D	Liquid	Y	NA
16	VLCSW-210107	LCS	01-07-2021 04:39 pm	1.00	5.00 mL	0.00 mL	X010716.D	Liquid	Y	NA
17	BLANK	SAMP	01-07-2021 05:00 pm	1.00	5.00 mL	0.00 mL	X010717.D	Liquid	Y	NA
18	BLANK	SAMP	01-07-2021 05:21 pm	1.00	5.00 mL	0.00 mL	X010718.D	Liquid	Y	NA
19	VBLKW-210107	MBLK	01-07-2021 05:42 pm	1.00	5.00 mL	0.00 mL	X010719.D	Liquid	Y	NA
20	HS20100273-13	SAMP	01-07-2021 06:03 pm	1.00	5.00 mL	0.00 mL	X010720.D	Liquid	Y	NA
21	HS20100273-14	SAMP	01-07-2021 06:24 pm	1.00	5.00 mL	0.00 mL	X010721.D	Liquid	Y	NA
22	HS20100273-15	SAMP	01-07-2021 06:45 pm	1.00	5.00 mL	0.00 mL	X010722.D	Liquid	Y	NA
23	HS20100273-16	SAMP	01-07-2021 07:06 pm	1.00	5.00 mL	0.00 mL	X010723.D	Liquid	Y	NA
24	HS21010128-05	SAMP	01-07-2021 07:27 pm	1.00	5.00 mL	0.00 mL	X010724.D	Liquid	Y	NA
25	HS20121361-02	SAMP	01-07-2021 07:48 pm	1.00	5.00 mL	0.00 mL	X010725.D	Liquid	Y	NA
26	HS20121361-01	SAMP	01-07-2021 08:09 pm	1.00	5.00 mL	0.00 mL	X010726.D	Liquid	Y	NA
27	HS20121361-01MS	MS	01-07-2021 08:30 pm	1.00	5.00 mL	0.00 mL	X010727.D	Liquid	Y	NA
28	HS20121361-01MSD	MSD	01-07-2021 08:51 pm	1.00	5.00 mL	0.00 mL	X010728.D	Liquid	Y	NA
29	CCV-END	CCV	01-07-2021 09:12 pm	1.00	5.00 mL	0.00 mL	X010729.D	Liquid	Y	NA

FORM 3
WATER VOLATILE METHOD SPIKE RECOVERY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Matrix Spike - Sample No.: ICV

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE AMOUNT ()	% REC #	QC. LIMITS REC.
cis-1,2-Dichloroethene	50.00	45.67	91	80-120
Chloromethane	50.00	43.97	88	80-120
1,2-Dibromoethane	50.00	46.22	92	80-120
Vinyl Chloride	50.00	44.10	88	80-120
Trichlorofluoromethane	50.00	42.75	86	80-120
Trichloroethene	50.00	45.31	91	80-120
trans-1,2-Dichloroethen	50.00	45.34	91	80-120
1,1,2-Trichloroethane	50.00	44.84	90	80-120
1,2,4-Trichlorobenzene	50.00	50.88	102	80-120
1,3,5-Trimethylbenzene	50.00	41.53	83	80-120
2-Butanone	100.00	92.02	92	80-120
2-Chlorotoluene	50.00	40.86	82	80-120
2-Hexanone	100.00	83.82	84	80-120
Toluene	50.00	44.65	89	80-120
4-Methyl-2-Pentanone	100.00	82.85	83	80-120
Acetone	100.00	101.17	101	80-120
Benzene	50.00	44.00	88	80-120
Carbon Disulfide	100.00	87.97	88	80-120
1,2-Dichloroethane	50.00	41.82	84	80-120
Dichlorodifluoromethane	50.00	43.98	88	80-120
Ethylbenzene	50.00	43.35	87	80-120
Isopropylbenzene	50.00	40.84	82	80-120
m,p-Xylenes	100.00	88.82	89	80-120
Tetrachloroethene	50.00	42.84	86	80-120
Methylene Chloride	50.00	44.69	89	80-120
n-Butylbenzene	50.00	42.71	85	80-120
n-Propylbenzene	50.00	40.33	81	80-120
Naphthalene	50.00	56.76	114	80-120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM III VOA

FORM 3
WATER VOLATILE METHOD SPIKE RECOVERY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Matrix Spike - Sample No.: ICV

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE AMOUNT ()	% REC #	QC. LIMITS REC.
o-Xylene	50.00	43.77	88	80-120
sec-Butylbenzene	50.00	40.67	81	80-120
tert-Butylbenzene	50.00	45.37	91	80-120
p-Isopropyltoluene	50.00	41.65	83	80-120
Xylenes (total)	150.00	132.60	88	80-120
Methyl tert-butyl ether	50.00	40.49	81	80-120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM III VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Lab File ID: X010701 BFB Injection Date: 01/07/21

Instrument ID: VOA6 BFB Injection Time: 1104

GC Column: DB624 ID: 0.25 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.1
75	30.0 - 60.0% of mass 95	54.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.7 (1.2)1
174	Greater than 50.0% of mass 95	58.8
175	5.0 - 9.0% of mass 174	4.4 (7.4)1
176	95.0 - 101.0% of mass 174	56.1 (95.3)1
177	5.0 - 9.0% of mass 176	4.2 (7.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD000.25	VSTD000.25	X010702	01/07/21	1125
02	VSTD000.5	VSTD000.5	X010703	01/07/21	1207
03	VSTD001	VSTD001	X010704	01/07/21	1228
04	VSTD002	VSTD002	X010705	01/07/21	1249
05	VSTD005	VSTD005	X010706	01/07/21	1310
06	VSTD020	VSTD020	X010707	01/07/21	1331
07	VSTD050	VSTD050	X010708	01/07/21	1351
08	VSTD100	VSTD100	X010709	01/07/21	1412
09	VSTD150	VSTD150	X010710	01/07/21	1433
10	VSTD200	VSTD200	X010711	01/07/21	1454
11	ICV	ICV	X010713	01/07/21	1536
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

page 1 of 1

FORM V VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Instrument ID: VOA6 Calibration Date(s): 01/07/21 01/07/21

Column: DB624 ID: 0.18 (mm) Calibration Time(s): 1125 1454

LAB FILE ID: RF0.25: X010702 RF0.5: X010703 RF1: X010704
RF2: X010705 RF5: X010706 RF20: X010707

COMPOUND	RF0.25	RF0.5	RF1	RF2	RF5	RF20
Chloromethane		3312	6094	11422	28591	102273
1,2-Dibromoethane		0.420	0.415	0.380	0.407	0.382
Vinyl Chloride		0.837	0.882	0.836	0.721	0.728
Trichlorofluoromethane		1.142	1.292	1.179	1.171	1.125
Trichloroethene		0.406	0.396	0.368	0.337	0.326
trans-1,2-Dichloroethene		0.643	0.655	0.598	0.560	0.558
1,1,2-Trichloroethane		0.326	0.370	0.334	0.332	0.308
1,2,4-Trichlorobenzene		0.654	0.623	0.534	0.493	0.492
1,3,5-Trimethylbenzene		3.222	2.820	2.791	2.446	2.570
2-Butanone		0.209	0.193	0.210	0.234	0.223
2-Chlorotoluene		2.946	3.044	2.497	2.412	2.357
2-Hexanone		0.239	0.244	0.229	0.243	0.228
Toluene		1.742	1.595	1.594	1.530	1.470
4-Methyl-2-Pentanone		0.323	0.354	0.348	0.354	0.338
Acetone		4860	5248	7745	16434	54036
Benzene		1.365	1.501	1.442	1.394	1.320
Carbon Disulfide		2.010	1.922	1.762	1.673	1.641
1,2-Dichloroethane		0.594	0.584	0.520	0.560	0.523
Dichlorodifluoromethane		2333	5528	9551	21996	87185
Ethylbenzene		0.570	0.522	0.494	0.492	0.476
Isopropylbenzene		1.691	1.525	1.571	1.330	1.368
m,p-Xylenes		0.645	0.623	0.622	0.592	0.590
Tetrachloroethene		0.341	0.317	0.272	0.280	0.269
Methylene Chloride		0.692	0.765	0.740	0.651	0.634
n-Butylbenzene		2.677	2.593	2.479	2.151	2.380
n-Propylbenzene		4.823	4.489	4.147	3.669	3.863
Naphthalene		0.970	0.879	0.757	0.790	0.841
o-Xylene		0.588	0.673	0.608	0.606	0.570
sec-Butylbenzene		3.637	3.632	3.248	2.764	2.927
tert-Butylbenzene		7668	12622	23805	52819	225005
p-Isopropyltoluene		2.938	2.886	2.776	2.318	2.440
Xylenes (total)		0.575	0.587	0.573	0.557	0.544
Methyl tert-butyl ether		2.214	2.054	2.038	1.882	1.876
4-Bromofluorobenzene		4587	9807	12193	35000	119751
Dibromofluoromethane		3130	5022	9006	25757	94268
1,2-Dichloroethane-d4		3989	6322	11099	29493	112778
Toluene-d8		1.589	1.371	1.219	1.364	1.279

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS2101039

Instrument ID: VOA6 Calibration Date(s): 01/07/21 01/07/21

Column: DB624 ID: 0.18 (mm) Calibration Time(s): 1125 1454

LAB FILE ID: RF50: X010708 RF100: X010709 RF150: X010710
RF200: X010711

COMPOUND	RF50	RF100	RF150	RF200
Chloromethane	248829	516147	776469	1089831
1,2-Dibromoethane	0.378	0.383	0.377	0.377
Vinyl Chloride	0.727	0.836	0.804	0.839
Trichlorofluoromethane	1.025	1.228	1.196	1.224
Trichloroethene	0.321	0.358	0.351	0.353
trans-1,2-Dichloroethene	0.572	0.611	0.599	0.627
1,1,2-Trichloroethane	0.310	0.302	0.290	0.287
1,2,4-Trichlorobenzene	0.491	0.566	0.556	0.578
1,3,5-Trimethylbenzene	2.402	2.914	2.829	2.967
2-Butanone	0.225	0.226	0.204	0.208
2-Chlorotoluene	2.203	2.480	2.397	2.436
2-Hexanone	0.210	0.215	0.206	0.207
Toluene	1.427	1.535	1.476	1.480
4-Methyl-2-Pentanone	0.319	0.326	0.310	0.309
Acetone	122962	233424	348381	463410
Benzene	1.309	1.376	1.301	1.284
Carbon Disulfide	1.632	1.840	1.772	1.792
1,2-Dichloroethane	0.497	0.482	0.453	0.436
Dichlorodifluoromethane	209737	515094	807544	1101633
Ethylbenzene	0.463	0.507	0.490	0.503
Isopropylbenzene	1.289	1.537	1.459	1.526
m,p-Xylenes	0.568	0.652	0.626	0.657
Tetrachloroethene	0.243	0.293	0.278	0.281
Methylene Chloride	0.648	0.670	0.640	0.655
n-Butylbenzene	2.128	2.791	2.738	2.785
n-Propylbenzene	3.469	4.206	4.096	4.260
Naphthalene	0.852	0.927	0.955	1.003
o-Xylene	0.562	0.622	0.599	0.631
sec-Butylbenzene	2.661	3.409	3.375	3.403
tert-Butylbenzene	519237	1232911		
p-Isopropyltoluene	2.284	2.881	2.798	2.846
Xylenes (total)	0.525	0.596	0.569	0.610
Methyl tert-butyl ether	1.854	1.863	1.800	1.805
4-Bromofluorobenzene	275917	572254	834037	1161521
Dibromofluoromethane	214800	472117	692669	910875
1,2-Dichloroethane-d4	262688	531873	766328	1004385
Toluene-d8	1.194	1.299	1.214	1.173

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS2101039

Instrument ID: VOA6 Calibration Date(s): 01/07/21 01/07/21

Column: DB624 ID: 0.18 (mm) Calibration Time(s): 1125 1454

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Chloromethane	LINR	1.398e-002	1.36496685		0.9985783	0.9900000
1,2-Dibromoethane	AVRG		0.39107728		4.534	15.000
Vinyl Chloride	AVRG		0.80116375		7.502	15.000
Trichlorofluoromethane	AVRG		1.17593260		6.399	15.000
Trichloroethene	AVRG		0.35741592		8.118	15.000
trans-1,2-Dichloroethene	AVRG		0.60252330		5.826	15.000
1,1,2-Trichloroethane	AVRG		0.31759602		8.210	15.000
1,2,4-Trichlorobenzene	AVRG		0.55411096		10.574	15.000
1,3,5-Trimethylbenzene	AVRG		2.77350036		9.462	15.000
2-Butanone	AVRG		0.21460147		6.135	15.000
2-Chlorotoluene	AVRG		2.53033358		10.989	15.000
2-Hexanone	AVRG		0.22467101		6.812	15.000
Toluene	AVRG		1.53874812		6.174	15.000
4-Methyl-2-Pentanone	AVRG		0.33133725		5.382	15.000
Acetone	LINR	-9.66e-002	6.36901874		0.9996059	0.9900000
Benzene	AVRG		1.36576564		5.244	15.000
Carbon Disulfide	AVRG		1.78279725		7.142	15.000
1,2-Dichloroethane	AVRG		0.51669035		10.707	15.000
Dichlorodifluoromethane	LINR	5.305e-002	1.33015195		0.9973828	0.9900000
Ethylbenzene	AVRG		0.50203292		6.113	15.000
Isopropylbenzene	AVRG		1.47731189		8.686	15.000
m,p-Xylenes	AVRG		0.61953490		4.921	15.000
Tetrachloroethene	AVRG		0.28627773		9.978	15.000
Methylene Chloride	AVRG		0.67727927		6.839	15.000
n-Butylbenzene	AVRG		2.52459440		10.220	15.000
n-Propylbenzene	AVRG		4.11351355		9.993	15.000
Naphthalene	AVRG		0.88607610		9.466	15.000
o-Xylene	AVRG		0.60643789		5.540	15.000
sec-Butylbenzene	AVRG		3.22841144		11.179	15.000
tert-Butylbenzene	2ORDR	-1.54e-002	0.57723665	-3.16e-002	0.9992058	0.9900000
p-Isopropyltoluene	AVRG		2.68513501		9.715	15.000
Xylenes (total)	AVRG		0.57057284		4.592	15.000
Methyl tert-butyl ether	AVRG		1.93162390		7.231	15.000
4-Bromofluorobenzene	LINR	-2.38e-002	2.22607739		0.9993013	0.9900000
Dibromofluoromethane	LINR	-6.58e-003	1.59225032		0.9990465	0.9900000
1,2-Dichloroethane-d4	LINR	-2.96e-002	1.44382359		0.9986270	0.9900000
Toluene-d8	AVRG		1.30033052		9.982	15.000

FORM VI VOA

MSVOA06 -Logbook

Batch: 43266 **Analyst:** Qin Xu

Date: 01-13-2021 **Reviewer:**

Method: 8260 **Laboratory:** Houston

Comments:

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
1	BFB	BFB	01-13-2021 01:40 pm	1.00	0.00 mL	0.00 mL	X011301.D	Liquid	Y	NA
	Auto find/purged									
2	CCV	CCV	01-13-2021 02:01 pm	1.00	5.00 mL	0.00 mL	X011302.D	Liquid	Y	NA
	10 ul cal std/50 ml DI									
3	BLANK	SAMP	01-13-2021 02:22 pm	1.00	5.00 mL	0.00 mL	X011303.D	Liquid	Y	NA
	cleanup									
4	CCB	SAMP	01-13-2021 02:43 pm	1.00	5.00 mL	0.00 mL	X011304.D	Liquid	Y	NA
	ccb									
5	VLCSW-210113	LCS	01-13-2021 03:04 pm	1.00	5.00 mL	0.00 mL	X011305.D	Liquid	Y	NA
	4 ul lcs std/50 ml DI									
6	BLANK	SAMP	01-13-2021 03:25 pm	1.00	5.00 mL	0.00 mL	X011306.D	Liquid	Y	NA
	cleanup									
7	BLANK	SAMP	01-13-2021 03:46 pm	1.00	5.00 mL	0.00 mL	X011307.D	Liquid	Y	NA
	cleanup									
8	VBLKW-210113	MBLK	01-13-2021 04:07 pm	1.00	5.00 mL	0.00 mL	X011308.D	Liquid	Y	NA
9	HS21010391-06	SAMP	01-13-2021 04:28 pm	1.00	5.00 mL	0.00 mL	X011309.D	Liquid	Y	NA
10	HS21010391-04	SAMP	01-13-2021 04:49 pm	1.00	5.00 mL	0.00 mL	X011310.D	Liquid	Y	NA
11	HS21010391-01	SAMP	01-13-2021 05:10 pm	10.00	5.00 mL	0.00 mL	X011311.D	Liquid	Y	NA
12	HS21010415-03	SAMP	01-13-2021 05:32 pm	1.00	5.00 mL	0.00 mL	X011312.D	Liquid	Y	NA
13	HS21010391-02	SAMP	01-13-2021 05:53 pm	10.00	5.00 mL	0.00 mL	X011313.D	Liquid	Y	NA
14	HS21010415-04	SAMP	01-13-2021 06:14 pm	1.00	5.00 mL	0.00 mL	X011314.D	Liquid	Y	NA
15	HS21010391-03	SAMP	01-13-2021 06:35 pm	10.00	5.00 mL	0.00 mL	X011315.D	Liquid	Y	NA
16	HS21010415-05	SAMP	01-13-2021 06:56 pm	1.00	5.00 mL	0.00 mL	X011316.D	Liquid	Y	NA
17	HS21010391-05	SAMP	01-13-2021 07:17 pm	10.00	5.00 mL	0.00 mL	X011317.D	Liquid	Y	NA
18	HS21010415-06	SAMP	01-13-2021 07:38 pm	1.00	5.00 mL	0.00 mL	X011318.D	Liquid	Y	NA
19	HS21010391-04MS	MS	01-13-2021 07:59 pm	1.00	5.00 mL	0.00 mL	X011319.D	Liquid	Y	NA
	3.2 ul cal std/40 ml sample									
20	HS21010391-04MSD	MSD	01-13-2021 08:20 pm	1.00	5.00 mL	0.00 mL	X011320.D	Liquid	Y	NA
	3.2 ul cal std/40 ml sample									
21	HS21010415-07	SAMP	01-13-2021 08:41 pm	1.00	5.00 mL	0.00 mL	X011321.D	Liquid	Y	NA
22	HS21010391-01	SAMP	01-13-2021 09:02 pm	100.0(	5.00 mL	0.00 mL	X011322.D	Liquid	Y	NA
23	HS21010391-02	SAMP	01-13-2021 09:23 pm	100.0(	5.00 mL	0.00 mL	X011323.D	Liquid	Y	NA
24	HS21010391-03n/r	SAMP	01-13-2021 09:44 pm	100.0(	5.00 mL	0.00 mL	X011324.D	Liquid	Y	NA
25	HS21010391-05	SAMP	01-13-2021 10:05 pm	100.0(	5.00 mL	0.00 mL	X011325.D	Liquid	Y	NA
26	CCV-END	CCV	01-13-2021 10:26 pm	1.00	5.00 mL	0.00 mL	X011326.D	Liquid	Y	NA
	10 ul cal std/50 ml DI									
27	HS21010222-09	SAMP	01-13-2021 10:47 pm	20.00	5.00 mL	0.00 mL	X011327.D	Liquid	Y	NA
28	HS21010429-11	SAMP	01-13-2021 11:08 pm	1.00	5.00 mL	0.00 mL	X011328.D	Liquid	Y	NA
29	HS21010426-12	SAMP	01-13-2021 11:29 pm	1.00	5.00 mL	0.00 mL	X011329.D	Liquid	Y	NA
30	HS21010426-07	SAMP	01-13-2021 11:50 pm	1.00	5.00 mL	0.00 mL	X011330.D	Liquid	Y	NA
31	HS21010426-11	SAMP	01-14-2021 12:12 am	1.00	5.00 mL	0.00 mL	X011331.D	Liquid	Y	NA

MSVOA06 -Logbook

Chemical	Value
SURR SPK ID	31106-63-06
IS ID	31106-63-06
LCS/MS ID	31106-63-05
CAL STD ID	31106-63-01/02
BFB ID	31106-63-06
pH Paper	634-64-10

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

	CLIENT SAMPLE NO.	SMC1 #	SMC2 #	SMC3 (DCE)#	OTHER (TOL)#	TOT OUT
01	VLCSW-210113	105	98	96	99	0
02	VBLKW-210113	104	94	90	101	0
03	HS21010391-06	104	96	92	103	0
04	HS21010391-04	102	94	91	104	0
05	HS21010391-01	102	96	90	104	0
06	HS21010391-02	100	95	91	100	0
07	HS21010391-03	104	94	91	100	0
08	HS21010391-05	107	94	90	104	0
09	HS21010391-04MS	103	94	90	101	0
10	HS21010391-04MSD	102	93	88	100	0
11	HS21010391-01	101	96	92	103	0
12	HS21010391-02	102	94	92	102	0
13	HS21010391-05	101	92	90	102	0
14						
15						
16						
17						
18						
19						
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21						
22						
23						
24						
25						
26						
27						
28						

		QC LIMITS
SMC1	= 4-Bromofluorobenzene	(70-130)
SMC2	= Dibromofluoromethane	(70-130)
SMC3 (DCE)	= 1,2-Dichloroethane-d4	(0-130)
OTHER(TOL)	= Toluene-d8	(0-130)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

page 1 of 1 FORM II VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.
VBLKW-210113

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Lab File ID: X011308 Lab Sample ID: VBLKW-210113

Date Analyzed: 01/13/21 Time Analyzed: 1607

GC Column: DB624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: VOA6

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VLCSW-210113	VLCSW-210113	X011305	1504
02	HS21010391-06	HS21010391-06	X011309	1628
03	HS21010391-04	HS21010391-04	X011310	1649
04	HS21010391-01	HS21010391-01	X011311	1710
05	HS21010391-02	HS21010391-02	X011313	1753
06	HS21010391-03	HS21010391-03	X011315	1835
07	HS21010391-05	HS21010391-05	X011317	1917
08	HS21010391-04MS	HS21010391-04MS	X011319	1959
09	HS21010391-04MSD	HS21010391-04MSD	X011320	2020
10	HS21010391-01	HS21010391-01	X011322	2102
11	HS21010391-02	HS21010391-02	X011323	2123
12	HS21010391-05	HS21010391-05	X011325	2205
13				
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29				
30				

COMMENTS:

page 1 of 1

FORM IV VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Lab File ID: X011301 BFB Injection Date: 01/13/21

Instrument ID: VOA6 BFB Injection Time: 1340

GC Column: DB624 ID: 0.25 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.5
75	30.0 - 60.0% of mass 95	47.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.7 (1.0)1
174	Greater than 50.0% of mass 95	75.9
175	5.0 - 9.0% of mass 174	5.6 (7.3)1
176	95.0 - 101.0% of mass 174	72.2 (95.1)1
177	5.0 - 9.0% of mass 176	4.3 (5.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CCV	CCV	X011302	01/13/21	1401
02	VLCSW-210113	VLCSW-210113	X011305	01/13/21	1504
03	VBLKW-210113	VBLKW-210113	X011308	01/13/21	1607
04	HS21010391-06	HS21010391-06	X011309	01/13/21	1628
05	HS21010391-04	HS21010391-04	X011310	01/13/21	1649
06	HS21010391-01	HS21010391-01	X011311	01/13/21	1710
07	HS21010391-02	HS21010391-02	X011313	01/13/21	1753
08	HS21010391-03	HS21010391-03	X011315	01/13/21	1835
09	HS21010391-05	HS21010391-05	X011317	01/13/21	1917
10	HS21010391-04MS	HS21010391-04MS	X011319	01/13/21	1959
11	HS21010391-04MSD	HS21010391-04MSD	X011320	01/13/21	2020
12	HS21010391-01	HS21010391-01	X011322	01/13/21	2102
13	HS21010391-02	HS21010391-02	X011323	01/13/21	2123
14	HS21010391-05	HS21010391-05	X011325	01/13/21	2205
15	CCV-END	CCV-END	X011326	01/13/21	2226
16					
17					
18					
19					
20					
21					
22					

page 1 of 1

FORM V VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Instrument ID: VOA6 Calibration Date: 01/13/21 Time: 1401

Lab File ID: X011302 Init. Calib. Date(s): 01/07/21 01/07/21

Init. Calib. Times: 1125 1454

GC Column: DB624 ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	47.375352	50.000000	0.6839206	0.1	5.25	20.00	LINR	
1,2-Dibromoethane	0.3910000	0.4194953	0.4194953	0.1	-7.29	20.00	AVRG	
Vinyl Chloride	0.8010000	0.8031680	0.8031680	0.1	-0.27	20.00	AVRG	
Trichlorofluoromethane	1.1760000	1.2681093	1.2681093	0.1	-7.83	20.00	AVRG	
Trichloroethene	0.3570000	0.4089474	0.4089474	0.2	-14.55	20.00	AVRG	
trans-1,2-Dichloroethene	0.6020000	0.6712404	0.6712404	0.1	-11.50	20.00	AVRG	
1,1,2-Trichloroethane	0.3180000	0.3256940	0.3256940	0.1	-2.42	20.00	AVRG	
1,2,4-Trichlorobenzene	0.5540000	0.6010600	0.6010600	0.1	-8.49	20.00	AVRG	
1,3,5-Trimethylbenzene	2.7730000	3.1856982	3.1856982	0.1	-14.88	20.00	AVRG	
2-Butanone	0.2150000	0.2143874	0.2143874	0.1	0.28	20.00	AVRG	
2-Chlorotoluene	2.5300000	2.7079215	2.7079215	0.1	-7.03	20.00	AVRG	
2-Hexanone	0.2240000	0.2125753	0.2125753	0.1	5.10	20.00	AVRG	
Toluene	1.5390000	1.6705924	1.6705924	0.4	-8.55	20.00	AVRG	
4-Methyl-2-Pentanone	0.3310000	0.3092744	0.3092744	0.1	6.56	20.00	AVRG	
Acetone	121.16852	100.00000	0.1978296	0.1	-21.17	20.00	LINR	<-
Benzene	1.3660000	1.4639112	1.4639112	0.5	-7.17	20.00	AVRG	
Carbon Disulfide	1.7830000	1.8872065	1.8872065	0.1	-5.84	20.00	AVRG	
1,2-Dichloroethane	0.5160000	0.4998682	0.4998682	0.1	3.13	20.00	AVRG	
Dichlorodifluoromethane	43.018966	50.000000	0.6069486	0.1	13.96	20.00	LINR	
Ethylbenzene	0.5020000	0.5605886	0.5605886	0.1	-11.67	20.00	AVRG	
Isopropylbenzene	1.4770000	1.6660475	1.6660475	0.1	-12.80	20.00	AVRG	
m,p-Xylenes	0.6190000	0.6944444	0.6944444	0.1	-12.19	20.00	AVRG	
Tetrachloroethene	0.2860000	0.3290045	0.3290045	0.2	-15.04	20.00	AVRG	
Methylene Chloride	0.6770000	0.7137627	0.7137627	0.1	-5.43	20.00	AVRG	
n-Butylbenzene	2.5250000	2.9567220	2.9567220	0.5	-17.10	20.00	AVRG	
n-Propylbenzene	4.1140000	4.6908227	4.6908227	0.1	-14.02	20.00	AVRG	
Naphthalene	0.8860000	0.9618052	0.9618052	0.2	-8.56	20.00	AVRG	
o-Xylene	0.6060000	0.6747918	0.6747918	0.3	-11.35	20.00	AVRG	
sec-Butylbenzene	3.2280000	3.7301207	3.7301207	0.1	-15.56	20.00	AVRG	
tert-Butylbenzene	64.400685	50.000000	2.6392822	0.1	-28.80	20.00	2RDR	<-
p-Isopropyltoluene	2.6850000	3.1504764	3.1504764	0.1	-17.34	20.00	AVRG	
Xylenes (total)	0.5710000	0.6430418	0.6430418	0.1	-12.62	20.00	AVRG	
Methyl tert-butyl ether	1.9320000	1.7291620	1.7291620	0.1	10.50	20.00	AVRG	
4-Bromofluorobenzene	50.507848	50.000000	0.4644528	0.1	-1.02	20.00	LINR	
Dibromofluoromethane	49.801978	50.000000	0.6296891	0.1	0.40	20.00	LINR	
1,2-Dichloroethane-d4	46.577539	50.000000	0.6657103	0.1	6.84	20.00	LINR	
Toluene-d8	1.3000000	1.2749040	1.2749040	0.1	1.93	20.00	AVRG	

FORM VII VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Instrument ID: VOA6 Calibration Date: 01/13/21 Time: 2226

Lab File ID: X011326 Init. Calib. Date(s): 01/07/21 01/07/21

Init. Calib. Times: 1125 1454

GC Column: DB624 ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	43.696220	50.000000	0.6300126	0.1	12.61	50.00	LINR
1,2-Dibromoethane	0.3910000	0.3824667	0.3824667	0.1	2.18	50.00	AVRG
Vinyl Chloride	0.8010000	0.7239485	0.7239485	0.1	9.62	50.00	AVRG
Trichlorofluoromethane	1.1760000	1.1349370	1.1349370	0.1	3.49	50.00	AVRG
Trichloroethene	0.3570000	0.3627486	0.3627486	0.2	-1.61	50.00	AVRG
trans-1,2-Dichloroethene	0.6020000	0.6085244	0.6085244	0.1	-1.08	50.00	AVRG
1,1,2-Trichloroethane	0.3180000	0.2958590	0.2958590	0.1	6.96	50.00	AVRG
1,2,4-Trichlorobenzene	0.5540000	0.5123242	0.5123242	0.1	7.52	50.00	AVRG
1,3,5-Trimethylbenzene	2.7730000	2.8620492	2.8620492	0.1	-3.21	50.00	AVRG
2-Butanone	0.2150000	0.2065492	0.2065492	0.1	3.93	50.00	AVRG
2-Chlorotoluene	2.5300000	2.4368006	2.4368006	0.1	3.68	50.00	AVRG
2-Hexanone	0.2240000	0.1849834	0.1849834	0.1	17.42	50.00	AVRG
Toluene	1.5390000	1.5005492	1.5005492	0.4	2.50	50.00	AVRG
4-Methyl-2-Pentanone	0.3310000	0.2774318	0.2774318	0.1	16.18	50.00	AVRG
Acetone	102.07134	100.00000	0.1678451	0.1	-2.07	50.00	LINR
Benzene	1.3660000	1.3145564	1.3145564	0.5	3.77	50.00	AVRG
Carbon Disulfide	1.7830000	1.6645580	1.6645580	0.1	6.64	50.00	AVRG
1,2-Dichloroethane	0.5160000	0.4640582	0.4640582	0.1	10.07	50.00	AVRG
Dichlorodifluoromethane	37.880660	50.000000	0.5296896	0.1	24.24	50.00	LINR
Ethylbenzene	0.5020000	0.5067266	0.5067266	0.1	-0.94	50.00	AVRG
Isopropylbenzene	1.4770000	1.5140347	1.5140347	0.1	-2.51	50.00	AVRG
m,p-Xylenes	0.6190000	0.6330471	0.6330471	0.1	-2.27	50.00	AVRG
Tetrachloroethene	0.2860000	0.2957417	0.2957417	0.2	-3.41	50.00	AVRG
Methylene Chloride	0.6770000	0.6702455	0.6702455	0.1	1.00	50.00	AVRG
n-Butylbenzene	2.5250000	2.5488397	2.5488397	0.5	-0.94	50.00	AVRG
n-Propylbenzene	4.1140000	4.1642621	4.1642621	0.1	-1.22	50.00	AVRG
Naphthalene	0.8860000	0.7487401	0.7487401	0.2	15.49	50.00	AVRG
o-Xylene	0.6060000	0.6139005	0.6139005	0.3	-1.30	50.00	AVRG
sec-Butylbenzene	3.2280000	3.3662725	3.3662725	0.1	-4.28	50.00	AVRG
tert-Butylbenzene	58.719745	50.000000	2.3681182	0.1	-17.44	50.00	2RDR
p-Isopropyltoluene	2.6850000	2.7911282	2.7911282	0.1	-3.95	50.00	AVRG
Xylenes (total)	0.5710000	0.5832922	0.5832922	0.1	-2.15	50.00	AVRG
Methyl tert-butyl ether	1.9320000	1.6942177	1.6942177	0.1	12.31	50.00	AVRG
4-Bromofluorobenzene	51.542327	50.000000	0.4737470	0.1	-3.08	50.00	LINR
Dibromofluoromethane	50.781181	50.000000	0.6419887	0.1	-1.56	50.00	LINR
1,2-Dichloroethane-d4	47.160607	50.000000	0.6737870	0.1	5.68	50.00	LINR
Toluene-d8	1.3000000	1.2605226	1.2605226	0.1	3.04	50.00	AVRG

FORM VII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Lab File ID (Standard): X011302 Date Analyzed: 01/13/21

Instrument ID: VOA6 Time Analyzed: 1401

GC Column: DB624 ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(DCB) AREA #	RT #	IS2(CBZ) AREA #	RT #	IS3(DFB) AREA #	RT #
	12 HOUR STD	290956	9.66	677240	7.67	724477	4.96
	UPPER LIMIT	581912	10.16	1354480	8.17	1448954	5.46
	LOWER LIMIT	145478	9.16	338620	7.17	362239	4.46
	CLIENT SAMPLE NO.						
01	VLCSW-210113	328247	9.66	729645	7.67	803168	4.96
02	VBLKW-210113	355244	9.66	811745	7.67	913979	4.96
03	HS21010391-06	330850	9.66	782420	7.67	901792	4.96
04	HS21010391-04	315311	9.66	757611	7.67	890453	4.96
05	HS21010391-01	318767	9.66	738004	7.67	825958	4.96
06	HS21010391-02	344639	9.66	767162	7.67	835099	4.96
07	HS21010391-03	344657	9.66	771960	7.67	862925	4.96
08	HS21010391-05	329627	9.66	722191	7.67	797371	4.96
09	HS21010391-04MS	346454	9.66	794100	7.67	878761	4.96
10	HS21010391-04MSD	332707	9.66	771499	7.67	858164	4.96
11	HS21010391-01	315478	9.66	779741	7.67	892910	4.96
12	HS21010391-02	338079	9.66	803248	7.67	909500	4.96
13	HS21010391-05	334938	9.66	791174	7.67	894411	4.96
14							
15							
16							
17							
18							
19							
20							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DFB) = 1,4-Difluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

page 1 of 2

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Lab File ID (Standard): X011302 Date Analyzed: 01/13/21

Instrument ID: VOA6 Time Analyzed: 1401

GC Column: DB624 ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4 AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	413007	4.18				
	UPPER LIMIT	826014	4.68				
	LOWER LIMIT	206504	3.68				
	CLIENT SAMPLE NO.						
01	VLCSW-210113	448628	4.18				
02	VBLKW-210113	529678	4.18				
03	HS21010391-06	519145	4.18				
04	HS21010391-04	517281	4.18				
05	HS21010391-01	500023	4.18				
06	HS21010391-02	504987	4.18				
07	HS21010391-03	516469	4.18				
08	HS21010391-05	493803	4.18				
09	HS21010391-04MS	511116	4.18				
10	HS21010391-04MSD	500311	4.18				
11	HS21010391-01	515854	4.18				
12	HS21010391-02	531016	4.18				
13	HS21010391-05	527121	4.18				
14							
15							
16							
17							
18							
19							
20							

IS4 = Pentafluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

page 2 of 2

FORM VIII VOA

HS21010391 8011_W_DOD Forms

ALS WO# HS21010391

PREP BATCH REPORT

Batch ID: **161670**
Prep Code: **8011_WPR**
InitSampWt/Vol 0
FinSampVol: 35
Start Date: **18-Jan-21 11:30 am**
End Date: **18-Jan-21 02:00 pm**
OriginalFac: 1
Technician:
PrepUnitFac: 1

SampID	Frac	Matrix	pH	Init Wt/Vol	FinalVol (mL)	PrepFac	SpkFac	Failsafe	TestDueDate	Comments
HS21010391-01	B	Groundwa		35	36.46	1.042	1	01-22-21	01-27-21	
HS21010391-02	B	Groundwa		35	36.7	1.049	1	01-22-21	01-27-21	
HS21010391-03	B	Groundwa		35	36.76	1.05	1	01-22-21	01-27-21	
HS21010391-04	B	Groundwa		35	37.1	1.06	1	01-22-21	01-27-21	
HS21010391-05	B	Groundwa		35	37	1.057	1	01-22-21	01-27-21	
HS21010452-03	A	Water		35	35	1	1	01-25-21	01-27-21	
HS21010452-04	A	Water		35	35	1	1	01-25-21	01-27-21	
HS21010463-01	B	Groundwa		35	37.12	1.061	1	01-22-21	01-27-21	
HS21010463-02	B	Groundwa		35	36.46	1.042	1	01-22-21	01-27-21	
HS21010463-03	B	Groundwa		35	36.47	1.042	1	01-22-21	01-27-21	
HS21010463-04	B	Groundwa		35	36.64	1.047	1	01-22-21	01-27-21	
HS21010577-01	B	Groundwa		35	36.67	1.048	1	01-27-21	01-29-21	
HS21010577-01MS	A			35	36.22	1.035	1			
HS21010577-01MSD	A			35	37.08	1.059	1			
LCS-161670	A			35	35	1	1			
LCSD-161670	A			35	35	1	1			
MBLK-161670	A			35	35	1	1			

PREP BATCH REPORT

Batch ID:	**161670**	Prep Code:	**8011_WPR**	InitSampWt/Vol	0
				FinSampVol:	35
Start Date:	**18-Jan-21 11:30 am**	End Date:	**18-Jan-21 02:00 pm**	OriginalFac:	1
Technician:				PrepUnitFac:	1

ECD-15 -Logbook

Batch: 43074 **Analyst:** Johnnie Allen
Date: 12-22-2020 **Reviewer:**
Method: 8011_W **Laboratory:** Houston
Comments:

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
1	HEX	SAMP	12-22-2020 10:11 am	1.00	35.00 mL	2.00 mL	001.D	Liquid	Y	NA
2	HEX	SAMP	12-22-2020 10:35 am	1.00	35.00 mL	2.00 mL	002.D	Liquid	Y	NA
3	HEX	SAMP	12-22-2020 10:59 am	1.00	35.00 mL	2.00 mL	003.D	Liquid	Y	NA
4	HEX	SAMP	12-22-2020 11:23 am	1.00	35.00 mL	2.00 mL	004.D	Liquid	Y	NA
5	HEX	SAMP	12-22-2020 11:47 am	1.00	35.00 mL	2.00 mL	005.D	Liquid	Y	NA
6	HEX	SAMP	12-22-2020 12:11 pm	1.00	35.00 mL	2.00 mL	006.D	Liquid	Y	NA
7	HEX	SAMP	12-22-2020 12:36 pm	1.00	35.00 mL	2.00 mL	007.D	Liquid	Y	NA
8	HEX	SAMP	12-22-2020 01:00 pm	1.00	35.00 mL	2.00 mL	008.D	Liquid	Y	NA
9	EDB-L1	ICAL1	12-22-2020 01:24 pm	1.00	35.00 mL	2.00 mL	009.D	Liquid	Y	NA
10	EDB-L2	ICAL2	12-22-2020 01:48 pm	1.00	35.00 mL	2.00 mL	010.D	Liquid	Y	NA
11	EDB-L3	ICAL3	12-22-2020 02:12 pm	1.00	35.00 mL	2.00 mL	011.D	Liquid	Y	NA
12	EDB-L4	ICAL4	12-22-2020 02:37 pm	1.00	35.00 mL	2.00 mL	012.D	Liquid	Y	NA
13	EDB-L5	ICAL5	12-22-2020 03:02 pm	1.00	35.00 mL	2.00 mL	013.D	Liquid	Y	NA
14	EDB-L6	ICAL6	12-22-2020 03:27 pm	1.00	35.00 mL	2.00 mL	014.D	Liquid	Y	NA
15	EDB-ICV	ICV	12-22-2020 03:51 pm	1.00	35.00 mL	2.00 mL	015.D	Liquid	Y	NA
16	EDB-CCV	CCV	12-22-2020 04:15 pm	1.00	35.00 mL	2.00 mL	016.D	Liquid	Y	NA
17	CCB	SAMP	12-22-2020 04:40 pm	1.00	35.00 mL	2.00 mL	017.D	Liquid	Y	NA
18	MBLK-160934	MBLK	12-22-2020 05:04 pm	1.00	35.00 mL	2.00 mL	018.D	Liquid	Y	NA
19	LCS-160934	LCS	12-22-2020 05:28 pm	1.00	35.00 mL	2.00 mL	019.D	Liquid	Y	NA
20	LCSD-160934	LCSD	12-22-2020 05:52 pm	1.00	35.00 mL	2.00 mL	020.D	Liquid	Y	NA
21	HS20120913-16	SAMP	12-22-2020 06:16 pm	1.00	35.00 mL	2.00 mL	021.D	Liquid	Y	NA
22	HS20120913-16MS	MS	12-22-2020 06:40 pm	1.00	35.00 mL	2.00 mL	022.D	Liquid	Y	NA
23	HS20120913-16MSD	MSD	12-22-2020 07:04 pm	1.00	35.00 mL	2.00 mL	023.D	Liquid	Y	NA
24	HS20120913-01	SAMP	12-22-2020 07:28 pm	1.00	35.00 mL	2.00 mL	024.D	Liquid	Y	NA
25	HS20120913-02	SAMP	12-22-2020 07:52 pm	1.00	35.00 mL	2.00 mL	025.D	Liquid	Y	NA
26	HS20120913-03	SAMP	12-22-2020 08:16 pm	1.00	35.00 mL	2.00 mL	026.D	Liquid	Y	NA
27	HEX	SAMP	12-22-2020 08:40 pm	1.00	35.00 mL	2.00 mL	027.D	Liquid	Y	NA
28	EDB-CCV	CCV	12-22-2020 09:05 pm	1.00	35.00 mL	2.00 mL	028.D	Liquid	Y	NA
29	CCB	SAMP	12-22-2020 09:29 pm	1.00	35.00 mL	2.00 mL	029.D	Liquid	Y	NA
30	HS20120913-04	SAMP	12-22-2020 09:53 pm	1.00	35.00 mL	2.00 mL	030.D	Liquid	Y	NA
31	HS20120913-05	SAMP	12-22-2020 10:17 pm	1.00	35.00 mL	2.00 mL	031.D	Liquid	Y	NA
32	HS20120913-06	SAMP	12-22-2020 10:41 pm	1.00	35.00 mL	2.00 mL	032.D	Liquid	Y	NA
33	HS20120913-07	SAMP	12-22-2020 11:05 pm	1.00	35.00 mL	2.00 mL	033.D	Liquid	Y	NA
34	HS20120913-08	SAMP	12-22-2020 11:29 pm	1.00	35.00 mL	2.00 mL	034.D	Liquid	Y	NA
35	HS20120913-09	SAMP	12-22-2020 11:54 pm	1.00	35.00 mL	2.00 mL	035.D	Liquid	Y	NA
36	HS20120913-10	SAMP	12-23-2020 12:18 am	1.00	35.00 mL	2.00 mL	036.D	Liquid	Y	NA
37	HS20120913-11	SAMP	12-23-2020 12:42 am	1.00	35.00 mL	2.00 mL	037.D	Liquid	Y	NA
38	HS20120913-12	SAMP	12-23-2020 01:06 am	1.00	35.00 mL	2.00 mL	038.D	Liquid	Y	NA
39	HEX	SAMP	12-23-2020 01:31 am	1.00	35.00 mL	2.00 mL	039.D	Liquid	Y	NA
40	EDB-CCV	CCV	12-23-2020 01:55 am	1.00	35.00 mL	2.00 mL	040.D	Liquid	Y	NA
41	CCB	SAMP	12-23-2020 02:19 am	1.00	35.00 mL	2.00 mL	041.D	Liquid	Y	NA

ECD-15 -Logbook

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
42	HS20120913-13	SAMP	12-23-2020 02:43 am	1.00	35.00 mL	2.00 mL	042.D	Liquid	Y	NA
43	HS20120913-14	SAMP	12-23-2020 03:08 am	1.00	35.00 mL	2.00 mL	043.D	Liquid	Y	NA
44	HS20120913-15	SAMP	12-23-2020 03:32 am	1.00	35.00 mL	2.00 mL	044.D	Liquid	Y	NA
45	HS20120913-17	SAMP	12-23-2020 03:56 am	1.00	35.00 mL	2.00 mL	045.D	Liquid	Y	NA
46	HS20120913-18	SAMP	12-23-2020 04:20 am	1.00	35.00 mL	2.00 mL	046.D	Liquid	Y	NA
47	HS20120732-01	SAMP	12-23-2020 04:45 am	1.00	35.00 mL	2.00 mL	047.D	Liquid	Y	NA
48	HS20120732-02	SAMP	12-23-2020 05:09 am	1.00	35.00 mL	2.00 mL	048.D	Liquid	Y	NA
49	MBLK-160935	MBLK	12-23-2020 05:33 am	1.00	35.00 mL	2.00 mL	049.D	Liquid	Y	NA
50	LCS-160935	LCS	12-23-2020 05:57 am	1.00	35.00 mL	2.00 mL	050.D	Liquid	Y	NA
51	LCSD-160935	LCSD	12-23-2020 06:22 am	1.00	35.00 mL	2.00 mL	051.D	Liquid	Y	NA
52	EDB-CCV	CCV	12-23-2020 06:46 am	1.00	35.00 mL	2.00 mL	052.D	Liquid	Y	NA
53	CCB	SAMP	12-23-2020 07:10 am	1.00	35.00 mL	2.00 mL	053.D	Liquid	Y	NA
54	HS20120732-03	SAMP	12-23-2020 07:34 am	1.00	35.00 mL	2.00 mL	054.D	Liquid	Y	NA
55	HS20120732-04	SAMP	12-23-2020 07:59 am	1.00	35.00 mL	2.00 mL	055.D	Liquid	Y	NA
56	HS20120732-05	SAMP	12-23-2020 08:23 am	1.00	35.00 mL	2.00 mL	056.D	Liquid	Y	NA
57	HS20120732-07	SAMP	12-23-2020 08:47 am	1.00	35.00 mL	2.00 mL	057.D	Liquid	Y	NA
58	HS20120732-08	SAMP	12-23-2020 09:11 am	1.00	35.00 mL	2.00 mL	058.D	Liquid	Y	NA
59	HS20120732-09	SAMP	12-23-2020 09:35 am	1.00	35.00 mL	2.00 mL	059.D	Liquid	Y	NA
60	HS20120875-01	SAMP	12-23-2020 09:59 am	1.00	35.00 mL	2.00 mL	060.D	Liquid	Y	NA
61	HS20120875-02	SAMP	12-23-2020 10:24 am	1.00	35.00 mL	2.00 mL	061.D	Liquid	Y	NA
62	HS20120875-03	SAMP	12-23-2020 10:48 am	1.00	35.00 mL	2.00 mL	062.D	Liquid	Y	NA
63	HEX	SAMP	12-23-2020 11:12 am	1.00	35.00 mL	2.00 mL	063.D	Liquid	Y	NA
64	EDB-CCV	CCV	12-23-2020 11:36 am	1.00	35.00 mL	2.00 mL	064.D	Liquid	Y	NA
65	CCB	SAMP	12-23-2020 01:14 pm	1.00	35.00 mL	2.00 mL	065A.D	Liquid	Y	NA
66	HS20120875-04	SAMP	12-23-2020 01:38 pm	1.00	35.00 mL	2.00 mL	066.D	Liquid	Y	NA
67	HS20120875-05	SAMP	12-23-2020 02:03 pm	1.00	35.00 mL	2.00 mL	067.D	Liquid	Y	NA
68	HS20120875-06	SAMP	12-23-2020 02:27 pm	1.00	35.00 mL	2.00 mL	068.D	Liquid	Y	NA
69	HS20120875-07	SAMP	12-23-2020 02:51 pm	1.00	35.00 mL	2.00 mL	069.D	Liquid	Y	NA
70	HS20120875-08	SAMP	12-23-2020 03:15 pm	1.00	35.00 mL	2.00 mL	070.D	Liquid	Y	NA
71	HS20120875-10	SAMP	12-23-2020 03:39 pm	1.00	35.00 mL	2.00 mL	071.D	Liquid	Y	NA
72	HS20120875-11	SAMP	12-23-2020 04:03 pm	1.00	35.00 mL	2.00 mL	072.D	Liquid	Y	NA
73	HS20120875-12	SAMP	12-23-2020 04:27 pm	1.00	35.00 mL	2.00 mL	073.D	Liquid	Y	NA
74	HS20120875-13	SAMP	12-23-2020 04:51 pm	1.00	35.00 mL	2.00 mL	074.D	Liquid	Y	NA
75	HEX	SAMP	12-23-2020 05:15 pm	1.00	35.00 mL	2.00 mL	075.D	Liquid	Y	NA
76	EDB-CCV	CCV	12-23-2020 05:39 pm	1.00	35.00 mL	2.00 mL	076.D	Liquid	Y	NA
77	CCB	SAMP	12-23-2020 06:03 pm	1.00	35.00 mL	2.00 mL	077.D	Liquid	Y	NA
78	HS20120875-14	SAMP	12-23-2020 06:27 pm	1.00	35.00 mL	2.00 mL	078.D	Liquid	Y	NA
79	HS20120875-15	SAMP	12-23-2020 06:50 pm	1.00	35.00 mL	2.00 mL	079.D	Liquid	Y	NA
80	MBLK-160936	MBLK	12-23-2020 07:14 pm	1.00	35.00 mL	2.00 mL	080.D	Liquid	Y	NA
81	LCS-160936	LCS	12-23-2020 07:38 pm	1.00	35.00 mL	2.00 mL	081.D	Liquid	Y	NA
82	LCSD-160936	LCSD	12-23-2020 08:02 pm	1.00	35.00 mL	2.00 mL	082.D	Liquid	Y	NA
83	HS20120875-17	SAMP	12-23-2020 08:26 pm	1.00	35.00 mL	2.00 mL	083.D	Liquid	Y	NA
84	HS20120875-18	SAMP	12-23-2020 08:50 pm	1.00	35.00 mL	2.00 mL	084.D	Liquid	Y	NA
85	HS20120875-19	SAMP	12-23-2020 09:14 pm	1.00	35.00 mL	2.00 mL	085.D	Liquid	Y	NA
86	HS20120875-20	SAMP	12-23-2020 09:38 pm	1.00	35.00 mL	2.00 mL	086.D	Liquid	Y	NA

ECD-15 -Logbook

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
87	HEX	SAMP	12-23-2020 10:03 pm	1.00	35.00 mL	2.00 mL	087.D	Liquid	Y	NA
88	EDB-CCV	CCV	12-23-2020 10:27 pm	1.00	35.00 mL	2.00 mL	088.D	Liquid	Y	NA
89	CCB	SAMP	12-23-2020 10:51 pm	1.00	35.00 mL	2.00 mL	089.D	Liquid	Y	NA
90	HS20120875-22	SAMP	12-23-2020 11:15 pm	1.00	35.00 mL	2.00 mL	090.D	Liquid	Y	NA
91	HS20120875-23	SAMP	12-23-2020 11:40 pm	1.00	35.00 mL	2.00 mL	091.D	Liquid	Y	NA
92	HS20120875-24	SAMP	12-24-2020 12:04 am	1.00	35.00 mL	2.00 mL	092.D	Liquid	Y	NA
93	HS20120875-25	SAMP	12-24-2020 12:28 am	1.00	35.00 mL	2.00 mL	093.D	Liquid	Y	NA
94	HS20120875-26	SAMP	12-24-2020 12:53 am	1.00	35.00 mL	2.00 mL	094.D	Liquid	Y	NA
95	HS20120875-27	SAMP	12-24-2020 01:17 am	1.00	35.00 mL	2.00 mL	095.D	Liquid	Y	NA
96	HS20120875-28	SAMP	12-24-2020 01:41 am	1.00	35.00 mL	2.00 mL	096.D	Liquid	Y	NA
97	HS20120960-01	SAMP	12-24-2020 02:05 am	1.00	35.00 mL	2.00 mL	097.D	Liquid	Y	NA
98	HS20120960-02	SAMP	12-24-2020 02:29 am	1.00	35.00 mL	2.00 mL	098.D	Liquid	Y	NA
99	HEX	SAMP	12-24-2020 02:53 am	1.00	35.00 mL	2.00 mL	099.D	Liquid	Y	NA
100	EDB-CCV	CCV	12-24-2020 03:17 am	1.00	35.00 mL	2.00 mL	100.D	Liquid	Y	NA
101	CCB	SAMP	12-24-2020 03:42 am	1.00	35.00 mL	2.00 mL	101.D	Liquid	Y	NA
102	HS20120960-03	SAMP	12-24-2020 04:06 am	1.00	35.00 mL	2.00 mL	102.D	Liquid	Y	NA
103	HS20120960-04	SAMP	12-24-2020 04:29 am	1.00	35.00 mL	2.00 mL	103.D	Liquid	Y	NA
104	HS20120960-05	SAMP	12-24-2020 04:53 am	1.00	35.00 mL	2.00 mL	104.D	Liquid	Y	NA
105	HS20120960-06	SAMP	12-24-2020 05:17 am	1.00	35.00 mL	2.00 mL	105.D	Liquid	Y	NA
106	HS20120960-07	SAMP	12-24-2020 05:41 am	1.00	35.00 mL	2.00 mL	106.D	Liquid	Y	NA
107	HS20120960-08	SAMP	12-24-2020 06:05 am	1.00	35.00 mL	2.00 mL	107.D	Liquid	Y	NA
108	HS20120960-10	SAMP	12-24-2020 06:29 am	1.00	35.00 mL	2.00 mL	108.D	Liquid	Y	NA
109	HEX	SAMP	12-24-2020 06:53 am	1.00	35.00 mL	2.00 mL	109.D	Liquid	Y	NA
110	EDB-CCV	CCV	12-24-2020 07:16 am	1.00	35.00 mL	2.00 mL	110.D	Liquid	Y	NA
111	CCB	SAMP	12-24-2020 07:40 am	1.00	35.00 mL	2.00 mL	111.D	Liquid	Y	NA
112	HEX	SAMP	12-28-2020 09:45 am	1.00	35.00 mL	2.00 mL	112.D	Liquid	Y	NA
113	EDB-CCV	SAMP	12-28-2020 10:09 am	1.00	35.00 mL	2.00 mL	113.D	Liquid	Y	NA
114	CCB	SAMP	12-28-2020 10:33 am	1.00	35.00 mL	2.00 mL	114.D	Liquid	Y	NA
115	HS20120913-14	SAMP	12-28-2020 10:58 am	4000.0	35.00 mL	2.00 mL	115.D	Liquid	Y	NA
116	HS20120913-17	SAMP	12-28-2020 11:22 am	40.00	35.00 mL	2.00 mL	116.D	Liquid	Y	NA
117	EDB-CCV	CCV	12-28-2020 11:46 am	1.00	35.00 mL	2.00 mL	117.D	Liquid	Y	NA
118	CCB	SAMP	12-28-2020 12:10 pm	1.00	35.00 mL	2.00 mL	118.D	Liquid	Y	NA
119	HS20120913-14	SAMP	12-28-2020 12:53 pm	20000.(	35.00 mL	2.00 mL	119.D	Liquid	Y	NA
120	EDB-CCV	CCV	12-28-2020 01:17 pm	1.00	35.00 mL	2.00 mL	120.D	Liquid	Y	NA
121	CCB	SAMP	12-28-2020 01:41 pm	1.00	35.00 mL	2.00 mL	121.D	Liquid	Y	NA

FORM 3
WATER OTHER METHOD SPIKE RECOVERY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Matrix Spike - Sample No.: EDB-ICV

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE AMOUNT ()	% REC #	QC. LIMITS REC.
TCP	0.100000	0.097740	98	70-130
DBCP	0.100000	0.096283	96	70-130
EDB	0.100000	0.097369	97	70-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM III OTHER

FORM 3
WATER OTHER METHOD SPIKE RECOVERY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Matrix Spike - Sample No.: EDB-ICV

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE AMOUNT ()	% REC #	QC. LIMITS REC.
EDB	0.100000	0.094870	95	70-130
DBCP	0.100000	0.091480	91	70-130
TCP	0.100000	0.097368	97	70-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM III OTHER

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Instrument ID: ECD-15 Calibration Date(s): 12/22/20 12/22/20

Column: RTX-CLP ID: 0.50 (mm) Calibration Time(s): 1324 1527

LAB FILE ID: RF0.02: 009 RF0.04: 010 RF0.1: 011
RF0.2: 012 RF0.3: 013 RF0.4: 014

COMPOUND	RF0.02	RF0.04	RF0.1	RF0.2	RF0.3	RF0.4
TCP	55900.000	58325.000	64480.000	62015.000	59866.667	61107.500
DBCP	1233050.0	1144000.0	1068260.0	1042845.0	1028506.7	1031842.5
EDB	578650.00	555125.00	543000.00	543600.00	544183.33	539915.00

FORM VI OTHER

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS2101039

Instrument ID: ECD-15 Calibration Date(s): 12/22/20 12/22/20

Column: RTX-CLP ID: 0.50 (mm) Calibration Time(s): 1324 1527

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2
TCP	AVRG	60282.3611	4.950	20.000
DBCP	AVRG	1091417.36	7.469	20.000
EDB	AVRG	550745.556	2.655	20.000

FORM VI OTHER

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Instrument ID: ECD-15 Calibration Date(s): 12/22/20 12/22/20

Column: RTX-CLP2 ID: 0.50 (mm) Calibration Time(s): 1324 1527

LAB FILE ID: RF0.02: 009 RF0.04: 010 RF0.1: 011
RF0.2: 012 RF0.3: 013 RF0.4: 014

COMPOUND	RF0.02	RF0.04	RF0.1	RF0.2	RF0.3	RF0.4
EDB	264650.00	264125.00	261570.00	259095.00	257620.00	261077.50
DBCP	627200.00	598525.00	592800.00	549470.00	538753.33	540477.50
TCP	39850.000	37200.000	36490.000	37355.000	37040.000	37537.500

FORM VI OTHER

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS2101039

Instrument ID: ECD-15 Calibration Date(s): 12/22/20 12/22/20

Column: RTX-CLP2 ID: 0.50 (mm) Calibration Time(s): 1324 1527

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2
EDB	AVRG	261356.250	1.051	20.000
DBCP	AVRG	574537.639	6.396	20.000
TCP	AVRG	37578.7500	3.110	20.000

FORM VI OTHER

ECD-15 -Logbook

Batch: 43070 **Analyst:** Johnnie Allen

Date: 01-18-2021 **Reviewer:**

Method: 8011_W **Laboratory:** Houston

Comments:

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
1	HEX	SAMP	01-18-2021 03:21 pm	1.00	35.00 mL	2.00 mL	001.D	Liquid	Y	NA
2	HEX	SAMP	01-18-2021 03:45 pm	1.00	35.00 mL	2.00 mL	002.D	Liquid	Y	NA
3	HEX	SAMP	01-18-2021 04:09 pm	1.00	35.00 mL	2.00 mL	003.D	Liquid	Y	NA
4	HEX	SAMP	01-18-2021 04:34 pm	1.00	35.00 mL	2.00 mL	004.D	Liquid	Y	NA
5	HEX	SAMP	01-18-2021 04:58 pm	1.00	35.00 mL	2.00 mL	005.D	Liquid	Y	NA
6	HEX	SAMP	01-18-2021 05:23 pm	1.00	35.00 mL	2.00 mL	006.D	Liquid	Y	NA
7	EDB-ICV	ICV	01-18-2021 06:07 pm	1.00	35.00 mL	2.00 mL	007.D	Liquid	Y	NA
8	EDB-CCV	CCV	01-18-2021 06:31 pm	1.00	35.00 mL	2.00 mL	008.D	Liquid	Y	NA
9	CCB	SAMP	01-18-2021 06:56 pm	1.00	35.00 mL	2.00 mL	009.D	Liquid	Y	NA
10	MBLK-161670	MBLK	01-18-2021 07:20 pm	1.00	35.00 mL	2.00 mL	010.D	Liquid	Y	NA
11	LCS-161670	LCS	01-18-2021 07:45 pm	1.00	35.00 mL	2.00 mL	011.D	Liquid	Y	NA
12	LCSD-161670	LCSD	01-18-2021 08:09 pm	1.00	35.00 mL	2.00 mL	012.D	Liquid	Y	NA
13	HS21010577-01	SAMP	01-18-2021 08:33 pm	1.00	35.00 mL	2.00 mL	013.D	Liquid	Y	NA
14	HS21010577-01MS	MS	01-18-2021 08:58 pm	1.00	35.00 mL	2.00 mL	014.D	Liquid	Y	NA
15	HS21010577-01MSD	MSD	01-18-2021 09:22 pm	1.00	35.00 mL	2.00 mL	015.D	Liquid	Y	NA
16	HS21010391-01	SAMP	01-18-2021 09:47 pm	1.00	35.00 mL	2.00 mL	016.D	Liquid	Y	NA
17	HS21010391-02	SAMP	01-18-2021 10:11 pm	1.00	35.00 mL	2.00 mL	017.D	Liquid	Y	NA
18	HS21010391-03	SAMP	01-18-2021 10:35 pm	1.00	35.00 mL	2.00 mL	018.D	Liquid	Y	NA
19	HEX	SAMP	01-18-2021 11:00 pm	1.00	35.00 mL	2.00 mL	019.D	Liquid	Y	NA
20	EDB-CCV	CCV	01-18-2021 11:24 pm	1.00	35.00 mL	2.00 mL	020.D	Liquid	Y	NA
21	CCB	SAMP	01-18-2021 11:49 pm	1.00	35.00 mL	2.00 mL	021.D	Liquid	Y	NA
22	HS21010452-03	SAMP	01-19-2021 12:13 am	1.00	35.00 mL	2.00 mL	022.D	Liquid	Y	NA
23	HS21010452-04	SAMP	01-19-2021 12:37 am	1.00	35.00 mL	2.00 mL	023.D	Liquid	Y	NA
24	HS21010391-04	SAMP	01-19-2021 01:02 am	1.00	35.00 mL	2.00 mL	024.D	Liquid	Y	NA
25	HS21010391-05	SAMP	01-19-2021 01:26 am	1.00	35.00 mL	2.00 mL	025.D	Liquid	Y	NA
26	HS21010463-01	SAMP	01-19-2021 01:51 am	1.00	35.00 mL	2.00 mL	026.D	Liquid	Y	NA
27	HS21010463-02	SAMP	01-19-2021 02:15 am	1.00	35.00 mL	2.00 mL	027.D	Liquid	Y	NA
28	HS21010463-03	SAMP	01-19-2021 02:40 am	1.00	35.00 mL	2.00 mL	028.D	Liquid	Y	NA
29	HS21010463-04	SAMP	01-19-2021 03:04 am	1.00	35.00 mL	2.00 mL	029.D	Liquid	Y	NA
30	HEX	SAMP	01-19-2021 03:28 am	1.00	35.00 mL	2.00 mL	030.D	Liquid	Y	NA
31	EDB-CCV	CCV	01-19-2021 03:53 am	1.00	35.00 mL	2.00 mL	031.D	Liquid	Y	NA
32	CCB	SAMP	01-19-2021 04:17 am	1.00	35.00 mL	2.00 mL	032.D	Liquid	Y	NA

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Instrument ID: ECD-15 Calibration Date: 01/18/21 Time: 1831

Lab File ID: 008 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
TCP	60282.361	53415.000	0.001	11.39	30.00	AVRG
DBCP	1091417.4	932295.00	0.001	14.58	30.00	AVRG
EDB	550745.56	481245.00	0.001	12.62	30.00	AVRG

FORM VII OTHER

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Instrument ID: ECD-15 Calibration Date: 01/18/21 Time: 1831

Lab File ID: 008 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP2 ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
EDB	261356.25	264835.00	0.001	-1.33	30.00	AVRG
DBCP	574537.64	519035.00	0.001	9.66	30.00	AVRG
TCP	37578.750	36885.000	0.001	1.85	30.00	AVRG

FORM VII OTHER

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Instrument ID: ECD-15 Calibration Date: 01/18/21 Time: 2324

Lab File ID: 020 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
TCP	60282.361	55950.000	0.001	7.19	30.00	AVRG
DBCP	1091417.4	873985.00	0.001	19.92	30.00	AVRG
EDB	550745.56	456320.00	0.001	17.14	30.00	AVRG

FORM VII OTHER

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Instrument ID: ECD-15 Calibration Date: 01/18/21 Time: 2324

Lab File ID: 020 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP2 ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
EDB	261356.25	239570.00	0.001	8.34	30.00	AVRG
DBCP	574537.64	524240.00	0.001	8.75	30.00	AVRG
TCP	37578.750	35735.000	0.001	4.91	30.00	AVRG

FORM VII OTHER

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Instrument ID: ECD-15 Calibration Date: 01/19/21 Time: 0353

Lab File ID: 031 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
TCP	60282.361	55815.000	0.001	7.41	30.00	AVRG
DBCP	1091417.4	1190735.0	0.001	-9.10	30.00	AVRG
EDB	550745.56	478440.00	0.001	13.13	30.00	AVRG

FORM VII OTHER

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Instrument ID: ECD-15 Calibration Date: 01/19/21 Time: 0353

Lab File ID: 031 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP2 ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
EDB	261356.25	270845.00	0.001	-3.63	30.00	AVRG
DBCP	574537.64	472520.00	0.001	17.76	30.00	AVRG
TCP	37578.750	32945.000	0.001	12.33	30.00	AVRG

FORM VII OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
HS21010391-05

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010391

Lab Sample ID: HS21010391-05 Date(s) Analyzed: 01/19/21 01/19/21

Instrument ID (1): ECD-15 Instrument ID (2): ECD-15

GC Column(1): RTX-CLP ID: 0.50(mm) GC Column(2): RTX-CLP2 ID: 0.50(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	RPD
EDB	1	5.73	5.65	5.79	0.005267	
	2	7.35	7.28	7.42	0.014053	91.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

page 1 of 1

OTHER

HS21010391 - ME - ICP_DISSICP_W_DOD

ALS WO# HS21010391

ALS Houston, US Date: 19-Feb-21

Form 11 - INTERNAL STANDARD ASSOCIATION

Client: Aptim Environmental & Infrastucture, Inc. Instrument:ICPMS05
Project: KAFB ROS
WorkOrder: HS21010391

Mass	Analyte	Assoc Int Standard 1	Assoc Int Standard 2	Mode
9	Beryllium	Lithium		Ar
11	Boron	Lithium		Ar
23	Sodium	Germanium		Ar
24	Magnesium	Germanium		Ar
27	Aluminum	Germanium		Ar
39	Potassium	Germanium		Ar
44	Calcium	Germanium		Ar
47	Titanium	Germanium		Ar
51	Vanadium	Germanium		ArHe
52	Chromium	Germanium		ArHe
55	Manganese	Germanium		ArHe
56	Iron	Germanium		ArHe
59	Cobalt	Germanium		ArHe
60	Nickel	Germanium		ArHe
63	Copper	Germanium		ArHe
66	Zinc	Germanium		ArHe
75	Arsenic	Germanium		ArHe
78	Selenium	Germanium		ArHe
88	Strontium	Germanium		Ar
95	Molybdenum	Germanium		Ar
105	Palladium	Germanium		Ar
107	Silver	Germanium		Ar
114	Cadmium	Indium		Ar
118	Tin	Germanium		Ar
121	Antimony	Germanium		ArHe
137	Barium	Indium		Ar
205	Thallium	Bismuth		Ar
208	Lead	Bismuth		Ar

ALS Houston, US Date: 19-Feb-21

FORM 12 - PREPARATION LOG

Client: Aptim Environmental & Infrastucture, Inc. Batch ID: 161677
Project: KAFB ROS Prep Code: 3010A
WorkOrder: HS21010391 Method: SW3010A
Start Date: 19-Jan-2021 11:00 End Date: 19-Jan-2021 15:00 Technician:

SampID	ClientID	Matrix	Init Wt	Init Vol	FinalVol (mL)	PrepFac
HS21010391-01	106064-LTM-011121	Groundwater		10	10	1
HS21010391-02	106064-LTM-011121-FD	Groundwater		10	10	1
HS21010391-03	106063-LTM-011121	Groundwater		10	10	1
HS21010391-04	106MW-2I-LTM-011121	Groundwater		10	10	1
HS21010391-05	106EX2-LTM-011121	Groundwater		10	10	1
HS21010577-01MS				10	10	1
HS21010577-01MSD				10	10	1
HS21010577-01PDS				10	10	1
HS21010577-01SD				10	10	1
LCS-161677				10	10	1
MBLK-161677				10	10	1

ALS Houston, US Date: 19-Feb-21

FORM 12 - PREPARATION LOG

Client: Aptim Environmental & Infrastucture, Inc. Batch ID: 161680
Project: KAFB ROS Prep Code: 3010A Diss
WorkOrder: HS21010391 Method: SW3010A
Start Date: 19-Jan-2021 14:00 End Date: 19-Jan-2021 18:00 Technician:

SampID	ClientID	Matrix	Init Wt	Init Vol	FinalVol (mL)	PrepFac
HS21010391-01	106064-LTM-011121	Groundwater		10	10	1
HS21010391-02	106064-LTM-011121-FD	Groundwater		10	10	1
HS21010391-03	106063-LTM-011121	Groundwater		10	10	1
HS21010391-04	106MW-2I-LTM-011121	Groundwater		10	10	1
HS21010391-05	106EX2-LTM-011121	Groundwater		10	10	1
HS21010577-01MS				10	10	1
HS21010577-01MSD				10	10	1
HS21010577-01PDS				10	10	1
HS21010577-01SD				10	10	1
LCS-161680				10	10	1
MBLK-161680				10	10	1
MBLKF1-161680				10	10	1

ALS Houston, US Date: 19-Feb-21

FORM 13 - ANALYSIS RUN LOG

Client: Aptim Environmental & Infrastucture, Inc. Run ID:ICPMS05_376970
Project: KAFB ROS Instrument:ICPMS05
WorkOrder: HS21010391 Method:
Start Date: 26-Jan-2021 End Date: 27-Jan-2021

Sample No.	D/F	Time	FileID	Analytes
ICPMS05_376970_Tune	1	26-Jan-2021 02:00	ICPMS05_376970_Tune_1	
CAL BLK	1	26-Jan-2021 12:34	008CALB.d_5931963	FE MN PB
2/10/200	1	26-Jan-2021 12:36	009CALS.d_5931964	FE MN PB
5/25/500	1	26-Jan-2021 12:38	010CALS.d_5931965	FE MN PB
10/50/1000	1	26-Jan-2021 12:40	011CALS.d_5931966	FE MN PB
100/500/10K	1	26-Jan-2021 12:42	012CALS.d_5931967	FE MN PB
200/1000/20K	1	26-Jan-2021 12:44	013CALS.d_5931968	FE MN PB
ICV	1	26-Jan-2021 12:48	015_ICV.d_5931970	FE MN PB
LLICV2	1	26-Jan-2021 12:50	016LCV2.d_5931971	FE MN PB
LLICV5	1	26-Jan-2021 12:52	017LCV5.d_5931972	FE MN PB
ICB	1	26-Jan-2021 12:54	018_ICB.d_5931973	FE MN PB
ICSA	1	26-Jan-2021 12:58	020ICSA.d_5931975	FE MN PB
ICSAB	1	26-Jan-2021 13:00	021ICSB.d_5931976	FE MN PB
CAL BLK	1	27-Jan-2021 00:19	263CALB.d_5931980	FE MN PB
2/10/200	1	27-Jan-2021 00:21	264CALS.d_5931981	FE MN PB
5/25/500	1	27-Jan-2021 00:23	265CALS.d_5931982	FE MN PB
10/50/1000	1	27-Jan-2021 00:25	266CALS.d_5931983	FE MN PB
100/500/10K	1	27-Jan-2021 00:27	267CALS.d_5931984	FE MN PB
200/1000/20K	1	27-Jan-2021 00:29	268CALS.d_5931985	FE MN PB
ICV	1	27-Jan-2021 00:33	270_ICV.d_5931987	FE MN PB
LLICCV2	1	27-Jan-2021 00:35	271LCV2.d_5931988	FE MN PB
LLICCV5	1	27-Jan-2021 00:37	272LCV5.d_5931989	FE MN PB
ICCB 1	1	27-Jan-2021 00:39	273_ICB.d_5931990	FE MN PB
CCV 1	1	27-Jan-2021 01:44	305_CCV.d_5931992	FE MN PB
CCB 2	1	27-Jan-2021 01:46	306_CCB.d_5931993	FE MN PB
ICSA	1	27-Jan-2021 01:48	307ICSA.d_5931994	FE MN PB
ICSAB	1	27-Jan-2021 01:50	308ICSB.d_5931995	FE MN PB
MBLK-161677	1	27-Jan-2021 01:55	310SMPL.d_5931997	PB
LCS-161677	1	27-Jan-2021 01:57	311SMPL.d_5931998	PB
ZZZZZZSD	5	27-Jan-2021 02:01	313SMPL.d_5932000	PB
ZZZZZZMS	1	27-Jan-2021 02:03	314SMPL.d_5932001	PB
ZZZZZZMSD	1	27-Jan-2021 02:05	315SMPL.d_5932002	PB
ZZZZZZPDS	1	27-Jan-2021 02:07	316SMPL.d_5932003	PB
CCV 2	1	27-Jan-2021 02:09	317_CCV.d_5932004	FE MN PB
CCB 3	1	27-Jan-2021 02:11	318_CCB.d_5932005	FE MN PB
106064-LTM-011121	1	27-Jan-2021 02:18	321SMPL.d_5932008	PB
106064-LTM-011121-FD	1	27-Jan-2021 02:20	322SMPL.d_5932009	PB
106063-LTM-011121	1	27-Jan-2021 02:22	323SMPL.d_5932010	PB
106MW-2I-LTM-011121	1	27-Jan-2021 02:24	324SMPL.d_5932011	PB
106EX2-LTM-011121	1	27-Jan-2021 02:26	325SMPL.d_5932012	PB
CCV 3	1	27-Jan-2021 02:28	326_CCV.d_5932013	FE MN PB
CCB 4	1	27-Jan-2021 02:30	327_CCB.d_5932014	FE MN PB
CCV 4	1	27-Jan-2021 02:43	333_CCV.d_5932020	FE MN PB
CCB 5	1	27-Jan-2021 02:45	334_CCB.d_5932021	FE MN PB
MBLK-161680	1	27-Jan-2021 02:47	335SMPL.d_5932073	FE MN
MBLKF1-161680	1	27-Jan-2021 02:49	336SMPL.d_5932074	FE MN
LCS-161680	1	27-Jan-2021 02:51	337SMPL.d_5932075	FE MN
ZZZZZZSD	5	27-Jan-2021 02:56	339SMPL.d_5932077	FE
ZZZZZZMS	1	27-Jan-2021 02:58	340SMPL.d_5932078	FE MN
ZZZZZZMSD	1	27-Jan-2021 03:00	341SMPL.d_5932057	FE MN
ZZZZZZPDS	1	27-Jan-2021 03:02	342SMPL.d_5932058	FE

ALS Houston, US Date: 19-Feb-21

FORM 13 - ANALYSIS RUN LOG

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391
Start Date: 26-Jan-2021 End Date: 27-Jan-2021

Run ID:ICPMS05_376970
Instrument:ICPMS05
Method:

Sample No.	D/F	Time	FileID	Analytes
CCV 5	1	27-Jan-2021 03:04	343_CCV.d_5932059	FE MN PB
CCB 6	1	27-Jan-2021 03:06	344_CCB.d_5932060	FE MN PB
106064-LTM-011121	1	27-Jan-2021 03:08	345SMPL.d_5932061	FE
106064-LTM-011121-FD	1	27-Jan-2021 03:11	346SMPL.d_5932062	FE
106063-LTM-011121	1	27-Jan-2021 03:13	347SMPL.d_5932063	FE
106MW-2I-LTM-011121	1	27-Jan-2021 03:15	348SMPL.d_5932064	FE
106EX2-LTM-011121	1	27-Jan-2021 03:17	349SMPL.d_5932065	FE
CCV 6	1	27-Jan-2021 03:30	355_CCV.d_5932071	FE MN PB
CCB 7	1	27-Jan-2021 03:32	356_CCB.d_5932072	FE MN PB
CCV 7	1	27-Jan-2021 04:25	380_CCV.d_5932103	FE MN PB
CCB 8	1	27-Jan-2021 04:27	381_CCB.d_5932104	FE MN PB
LLICV2	1	27-Jan-2021 04:32	383LCV2.d_5932106	FE MN PB
LLICV5	1	27-Jan-2021 04:34	384LCV5.d_5932107	FE MN PB
ICSA	1	27-Jan-2021 04:36	385ICSA.d_5932108	FE MN PB
ICSAB	1	27-Jan-2021 04:38	386ICSB.d_5932109	FE MN PB

ALS Houston, US Date: 19-Feb-21

FORM 13 - ANALYSIS RUN LOG

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391
Start Date: 27-Jan-2021 End Date: 27-Jan-2021

Run ID:ICPMS05_377005
Instrument:ICPMS05
Method:

Sample No.	D/F	Time	FileID	Analytes
ICPMS05_377005_Tune	1	27-Jan-2021 02:00	ICPMS05_377005_Tune_1	
CAL BLK	1	27-Jan-2021 13:43	012CALB.d_5932741	MN
2/10/200	1	27-Jan-2021 13:45	013CALS.d_5932742	MN
5/25/500	1	27-Jan-2021 13:47	014CALS.d_5932743	MN
10/50/1000	1	27-Jan-2021 13:49	015CALS.d_5932744	MN
100/500/10K	1	27-Jan-2021 13:51	016CALS.d_5932745	MN
200/1000/20K	1	27-Jan-2021 13:53	017CALS.d_5932746	MN
ICV	1	27-Jan-2021 13:57	019_ICV.d_5932748	MN PB
LLICV2	1	27-Jan-2021 13:59	020LCV2.d_5932749	MN
LLICV5	1	27-Jan-2021 14:01	021LCV5.d_5932750	MN
ICB	1	27-Jan-2021 14:12	022_ICB.d_5932751	MN PB
ICSA	1	27-Jan-2021 14:14	023ICSA.d_5932752	MN
ICSAB	1	27-Jan-2021 14:16	024ICSB.d_5932753	MN
ZZZZZZSD	500	27-Jan-2021 14:24	028SMPL.d_5932757	MN
ZZZZZZPDS	100	27-Jan-2021 14:26	029SMPL.d_5932758	MN
106064-LTM-011121	100	27-Jan-2021 14:28	030SMPL.d_5932759	MN
106064-LTM-011121-FD	100	27-Jan-2021 14:30	031SMPL.d_5932760	MN
106063-LTM-011121	50	27-Jan-2021 14:32	032SMPL.d_5932761	MN
106MW-2I-LTM-011121	50	27-Jan-2021 14:34	033SMPL.d_5932762	MN
106EX2-LTM-011121	50	27-Jan-2021 14:36	034SMPL.d_5932763	MN
CCB 1	1	27-Jan-2021 14:42	037_CCB.d_5932766	MN
CCV 1	1	27-Jan-2021 14:44	038_CCV.d_5932767	MN
CCV 2	1	27-Jan-2021 15:07	049_CCV.d_5932786	MN
CCB 2	1	27-Jan-2021 15:09	050_CCB.d_5932787	MN

ALS Houston, US Date: 19-Feb-21

Form 2 - Initial and Continuing Calibration Verification

Client: Aptim Environmental & Infrastucture, Inc. Run ID: ICPMS05_376970
Project: KAFB ROS Instrument: ICPMS05
WorkOrder: HS21010391 Method: SW6020

ICV	Date: 26-Jan-2021 12:48		Seq: 5931970	ICV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10380.466	104	90-110	
Lead	100	103.364	103	90-110	
Manganese	100	106.828	107	90-110	
ICV	Date: 27-Jan-2021 00:33		Seq: 5931987	ICV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	9796.017	98	90-110	
Lead	100	99.548	100	90-110	
Manganese	100	97.861	98	90-110	
CCV1	Date: 27-Jan-2021 01:44		Seq: 5931992	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10511.52	105	90-110	
Lead	100	104.945	105	90-110	
Manganese	100	105.574	106	90-110	
CCV2	Date: 27-Jan-2021 02:09		Seq: 5932004	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10450.583	105	90-110	
Lead	100	103.326	103	90-110	
Manganese	100	107.357	107	90-110	
CCV3	Date: 27-Jan-2021 02:28		Seq: 5932013	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10398.018	104	90-110	
Lead	100	102.363	102	90-110	
Manganese	100	107.018	107	90-110	
CCV4	Date: 27-Jan-2021 02:43		Seq: 5932020	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10354.508	104	90-110	
Lead	100	100.048	100	90-110	
Manganese	100	104.008	104	90-110	
CCV5	Date: 27-Jan-2021 03:04		Seq: 5932059	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10136.38	101	90-110	
Lead	100	101.478	101	90-110	
Manganese	100	104.034	104	90-110	
CCV6	Date: 27-Jan-2021 03:30		Seq: 5932071	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	9773.187	98	90-110	
Lead	100	95.78	96	90-110	
Manganese	100	98.186	98	90-110	
CCV7	Date: 27-Jan-2021 04:25		Seq: 5932103	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	9507.528	95	90-110	
Lead	100	92.397	92	90-110	
Manganese	100	95.348	95	90-110	

ALS Houston, US Date: 19-Feb-21

Form 2 - Initial and Continuing Calibration Verification

Client: Aptim Environmental & Infrastucture, Inc. Run ID: ICPMS05_377005
Project: KAFB ROS Instrument: ICPMS05
WorkOrder: HS21010391 Method: SW6020

ICV	Date: 27-Jan-2021 13:57		Seq: 5932748	ICV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Manganese	100	91.257	91	90-110	

CCV1	Date: 27-Jan-2021 14:44		Seq: 5932767	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Manganese	100	91.67	92	90-110	

CCV2	Date: 27-Jan-2021 15:07		Seq: 5932786	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Manganese	100	91.033	91	90-110	

ALS Houston, US Date: 19-Feb-21

Form 3 - BLANKS

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

Run ID: ICPMS05_376970
Instrument: ICPMS05
Method: SW6020

ICB	Date: 26-Jan-2021 12:54		Seq: 5931973	ICB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	5	0.6	5	U	
Manganese	5	0.7	5	U	
ICCB1	Date: 27-Jan-2021 00:39		Seq: 5931990	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	5	0.6	5	U	
Manganese	5	0.7	5	U	
CCB2	Date: 27-Jan-2021 01:46		Seq: 5931993	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	5	0.7	5	U	
MBLK-161677	Date: 27-Jan-2021 01:55		Seq: 5931997	MBLK	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Lead	5	0.6	5	U	
CCB3	Date: 27-Jan-2021 02:11		Seq: 5932005	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	5	0.7	5	U	
CCB4	Date: 27-Jan-2021 02:30		Seq: 5932014	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	0.972	0.7	5	J	
CCB5	Date: 27-Jan-2021 02:45		Seq: 5932021	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	5	0.7	5	U	
MBLK-161680	Date: 27-Jan-2021 02:47		Seq: 5932073	MBLK	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	13.71	12	200	J	
Manganese	0.758	0.7	5	J	
MBLKF1-161680	Date: 27-Jan-2021 02:49		Seq: 5932074	MBLK	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Manganese	5	0.7	5	U	
CCB6	Date: 27-Jan-2021 03:06		Seq: 5932060	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	0.714	0.7	5	J	

ALS Houston, US Date: 19-Feb-21

Form 3 - BLANKS

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

Run ID: ICPMS05_376970
Instrument: ICPMS05
Method: SW6020

CCB7	Date: 27-Jan-2021 03:32		Seq: 5932072	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	5	0.7	5	U	

CCB8	Date: 27-Jan-2021 04:27		Seq: 5932104	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	5	0.7	5	U	

ALS Houston, US Date: 19-Feb-21

Form 3 - BLANKS

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

Run ID: ICPMS05_377005
Instrument: ICPMS05
Method: SW6020

ICB	Date: 27-Jan-2021 14:12		Seq: 5932751	ICB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Manganese	5	0.7	5	U	

CCB1	Date: 27-Jan-2021 14:42		Seq: 5932766	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Manganese	5	0.7	5	U	

CCB2	Date: 27-Jan-2021 15:09		Seq: 5932787	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Manganese	5	0.7	5	U	

ALS Houston, US Date: 19-Feb-21

Form 4 - ICP Interference Check Sample

Client: Aptim Environmental & Infrastucture, Inc. Run ID:ICPMS05_376970
Project: KAFB ROS Instrument:ICPMS05
WorkOrder: HS21010391 Method:SW6020

ICSA	Date: 26-Jan-2021 12:58	Seq: 5931975	ICSA	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	100000	99340	99.3	
Lead		0.033	0	
Manganese		0.129	0	
ICSAB	Date: 26-Jan-2021 13:00	Seq: 5931976	ICSAB	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	110000	97700	88.8	
Lead	100	106.1	106	
Manganese	100	92.73	92.7	
ICSA	Date: 27-Jan-2021 01:48	Seq: 5931994	ICSA	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	100000	102200	102	
Lead		0.046	0	
Manganese		0.123	0	
ICSAB	Date: 27-Jan-2021 01:50	Seq: 5931995	ICSAB	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	110000	110800	101	
Lead	100	101	101	
Manganese	100	100.4	100	
ICSA	Date: 27-Jan-2021 04:36	Seq: 5932108	ICSA	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	100000	101400	101	
Lead		0.045	0	
Manganese		0.078	0	
ICSAB	Date: 27-Jan-2021 04:38	Seq: 5932109	ICSAB	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	110000	110400	100	
Lead	100	100.3	100	
Manganese	100	99.89	99.9	

ALS Houston, US Date: 19-Feb-21

Form 4 - ICP Interference Check Sample

Client: Aptim Environmental & Infrastucture, Inc. Run ID:ICPMS05_377005
Project: KAFB ROS Instrument:ICPMS05
WorkOrder: HS21010391 Method:SW6020

ICSA	Date: 27-Jan-2021 14:14	Seq: 5932752	ICSA	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Manganese		0.173	0	

ICSAB	Date: 27-Jan-2021 14:16	Seq: 5932753	ICSAB	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Manganese	100	93.42	93.4	

ALS Houston, US Date: 19-Feb-21

Form 5A - Matrix Spike/Matrix Spike Duplicate Recovery

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

Date Analyzed: 27-Jan-2021 02:05
Date Extracted: 19-Jan-2021 15:00
Units: ug/L

Matrix Spike: HS21010577-01MS
Client Sample ID:

Analysis Method: SW6020

Analyte	Sample Result	MS Result	Spike Amount	% Rec	MSD Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Lead	5.000	40.59	50.00	80.9	44.09	50.00	87.9	88-115	8.27	20
Iron	10780	14650	5000	77.2	15300	5000	90.2	75-125	4.34	20
Manganese	7492	7161	50.00	-663	7464	50.00	-56.8	75-125	4.14	20

ALS Houston, US Date: 19-Feb-21

Form 5B - Post Digest Sample Recovery

Client: Aptim Environmental & Infrastucture, Inc. Date Analyzed: 27-Jan-2021 02:07
Project: KAFB ROS Date Extracted: 19-Jan-2021 15:00
WorkOrder: HS21010391 Units: ug/L

Lab Sample ID: HS21010577-01PDS Analysis Method: SW6020
Client Sample ID:

Analyte	Sample Result	PDS Result	Spike Amount	% Rec	% Rec Limits
Lead	0	86.62	100	87	80-120
Iron	10780	19240	10000	85	75-125

ALS Houston, US Date: 19-Feb-21

Form 5B - Post Digest Sample Recovery

Client: Aptim Environmental & Infrastucture, Inc. Date Analyzed: 27-Jan-2021 14:26
Project: KAFB ROS Date Extracted: 19-Jan-2021 18:00
WorkOrder: HS21010391 Units: ug/L

Lab Sample ID: HS21010577-01PDS Analysis Method: SW6020
Client Sample ID:

Analyte	Sample Result	PDS Result	Spike Amount	% Rec	% Rec Limits
Manganese	8489	17570	10000	91	75-125

ALS Houston, US Date: 19-Feb-21

Form 7 - Laboratory Control Sample

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

Date Analyzed: 27-Jan-2021 01:57
Date Extracted: 19-Jan-2021 15:00
Units: ug/L

Lab Sample ID: LCS-161677 Analysis Method: SW6020

Analyte	Spike Amount	LCS Result	% Rec	% Rec Limits
Lead	50	45.91	92	88-115

Lab Sample ID: LCS-161680 Analysis Method: SW6020

Analyte	Spike Amount	LCS Result	% Rec	% Rec Limits
Iron	5000	4584	92	80-120
Manganese	50	45.99	92	80-120

ALS Houston, US Date: 19-Feb-21

Form 8 - ICP Serial Dilutions

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

Date Analyzed: 27-Jan-2021 02:01
Date Extracted: 19-Jan-2021 15:00
Units: ug/L

Lab Sample ID: HS21010577-01SD
Client Sample ID:

Analysis Method: SW6020

Analyte	Sample Result	C	SD Result	C	RPD	Q
Lead	0	U	0	U	0	
Iron	10780		10860		1	

ALS Houston, US Date: 19-Feb-21

Form 8 - ICP Serial Dilutions

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010391

Date Analyzed: 27-Jan-2021 14:24
Date Extracted: 19-Jan-2021 18:00
Units: ug/L

Lab Sample ID: HS21010577-01SD
Client Sample ID:

Analysis Method: SW6020

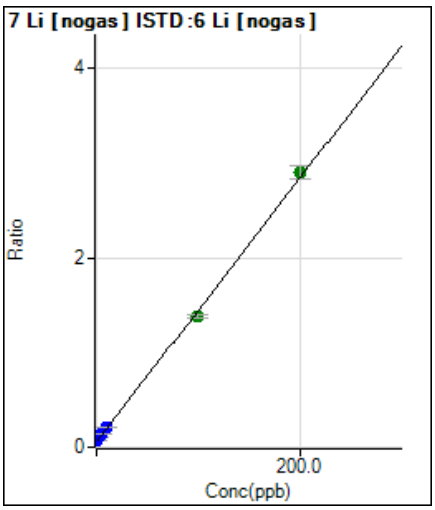
Analyte	Sample Result	C	SD Result	C	RPD	Q
Manganese	8489		9049		7	

Calibration for 015_ICV.d

Batch Folder:	C:\Agilent\ICPMH\1\DATA\012621A.b\
Analysis File:	012621A.batch.bin
DA Date-Time:	1/26/2021 11:00:38 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	

Level	Standard Data File	Sample Name	Acq. Date-Time
1	008CALB.d	CAL BLK	1/26/2021 10:34:33 AM
2	009CALS.d	2/10/200	1/26/2021 10:36:34 AM
3	010CALS.d	5/25/500	1/26/2021 10:38:34 AM
4	011CALS.d	10/50/1000	1/26/2021 10:40:34 AM
5	012CALS.d	100/500/10K	1/26/2021 10:42:35 AM
6	013CALS.d	200/1000/20K	1/26/2021 10:44:30 AM
7			

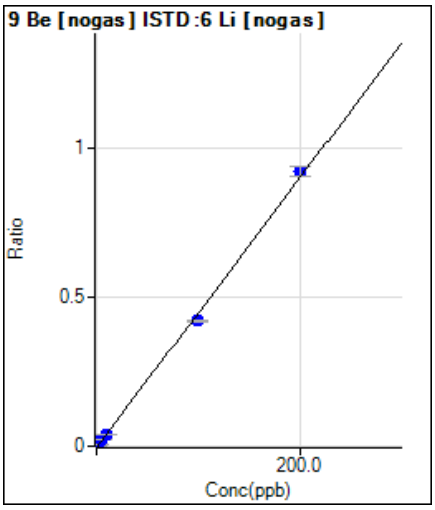
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	84168.11	0.0709	P	1.9	
2	☐	2.000	1.965	116636.04	0.0982	P	0.9	-1.7
3	☐	5.000	5.089	163532.39	0.1417	P	1.9	1.8
4	☐	10.000	9.704	239925.74	0.2060	P	1.6	-3.0
5	☐	100.000	93.622	1538425.08	1.3743	A	2.6	-6.4
6	☐	200.000	203.202	3037756.10	2.8999	A	4.9	1.6
7	☐	1.000						

y = 0.0139 * x + 0.0709
R = 0.9993
DL = 0.2863 ppb
BEC = 5.09 ppb

Weight: <None>
Min Conc: <None>

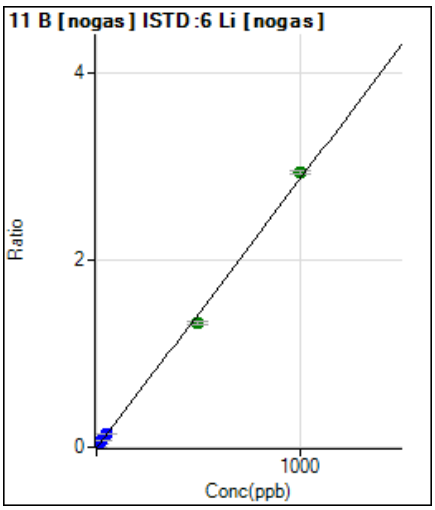


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13.33	0.0000	P	23.2	
2	☐	2.000	1.781	9609.11	0.0081	P	2.6	-10.
3	☐	5.000	4.539	23781.34	0.0206	P	1.0	-9.2
4	☐	10.000	8.717	46074.81	0.0396	P	2.3	-12.
5	☐	100.000	92.751	470999.15	0.4208	P	1.5	-7.2
6	☐	200.000	203.702	968284.94	0.9241	P	4.0	1.9
7	☐	1.000						

y = 0.0045 * x + 1.1255E-005
R = 0.9991
DL = 0.001725 ppb
BEC = 0.002481 ppb

Weight: <None>
Min Conc: <None>

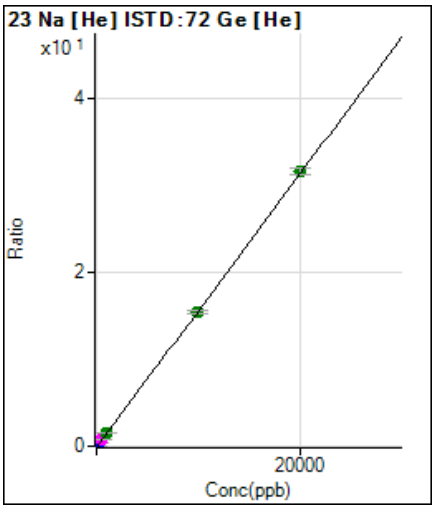
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3692.05	0.0031	P	4.6	
2	☐	10.000	9.356	35702.96	0.0301	P	2.9	-6.4
3	☐	25.000	23.830	82836.55	0.0718	P	0.8	-4.7
4	☐	50.000	47.631	163429.40	0.1404	P	3.7	-4.7
5	☐	500.000	460.448	1488533.05	1.3298	A	2.5	-7.9
6	☐	1000.000	1019.930	3084533.18	2.9419	A	1.8	2.0
7	☐	5.000						

y = 0.0029 * x + 0.0031
R = 0.9989
DL = 0.1489 ppb
BEC = 1.079 ppb

Weight: <None>
Min Conc: <None>

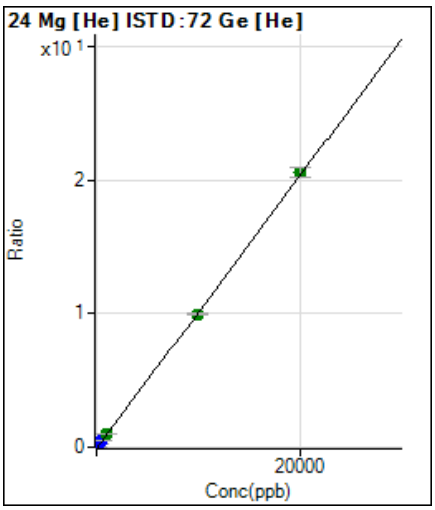


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	33856.99	0.0213	P	3.7	
2	☐	200.000	209.164	551080.70	0.3506	P	1.6	4.6
3	☐	500.000	507.606	1297722.74	0.8206	M	2.5	1.5
4	☐	1000.000	984.003	2468310.59	1.5707	A	1.3	-1.6
5	☐	10000.00	9834.259	23839631.31	15.5066	A	2.2	-1.7
6	☐	20000.00	20083.38	48301780.95	31.6451	A	2.7	0.4
7	☐	100.000						

y = 0.0016 * x + 0.0213
R = 1.0000
DL = 1.513 ppb
BEC = 13.52 ppb

Weight: <None>
Min Conc: <None>

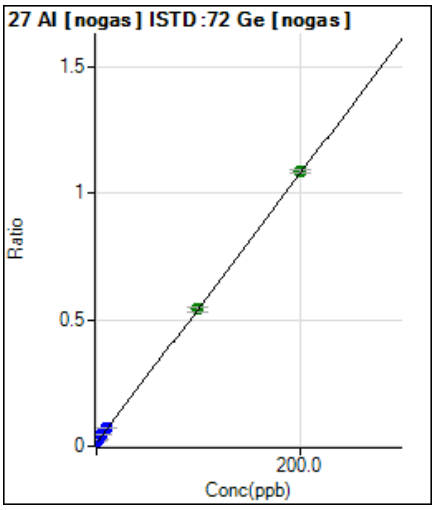
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1703.44	0.0011	P	6.1	
2	☐	200.000	210.817	340592.53	0.2167	P	1.8	5.4
3	☐	500.000	514.552	834107.20	0.5274	P	2.2	2.9
4	☐	1000.000	997.936	1605750.24	1.0219	A	2.0	-0.2
5	☐	10000.00	9719.002	15286501.44	9.9427	A	1.4	-2.8
6	☐	20000.00	20140.13	31442707.03	20.6025	A	3.4	0.7
7	☐	100.000						

y = 0.0010 * x + 0.0011
R = 0.9999
DL = 0.1923 ppb
BEC = 1.047 ppb

Weight: <None>
Min Conc: <None>

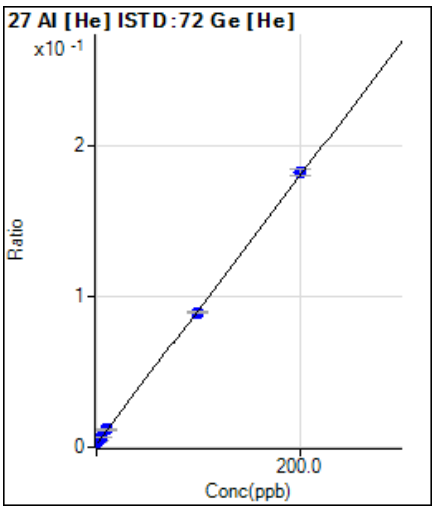


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	54013.78	0.0181	P	2.5	
2	☐	2.000	1.833	83797.11	0.0278	P	2.0	-8.3
3	☐	5.000	5.005	134630.13	0.0447	P	2.9	0.1
4	☐	10.000	10.576	225132.48	0.0744	P	2.4	5.8
5	☐	100.000	98.429	1605208.83	0.5420	A	3.7	-1.6
6	☐	200.000	200.758	3220630.06	1.0867	A	0.9	0.4
7	☐	1.000						

y = 0.0053 * x + 0.0181
R = 0.9999
DL = 0.2539 ppb
BEC = 3.396 ppb

Weight: <None>
Min Conc: <None>

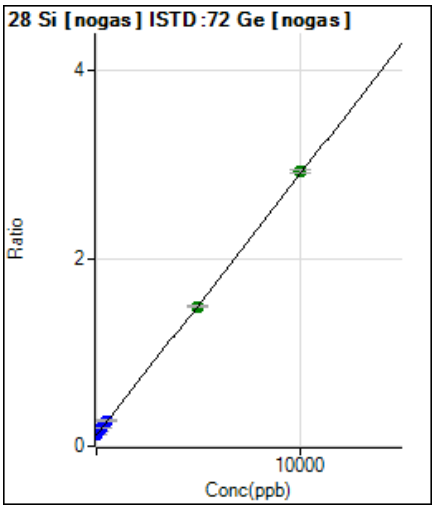
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4914.48	0.0031	P	11.3	
2	☐	2.000	1.439	6874.70	0.0044	P	8.2	-28.
3	☐	5.000	4.124	10709.82	0.0068	P	2.8	-17.
4	☐	10.000	9.532	18222.33	0.0116	P	4.0	-4.7
5	☐	100.000	97.029	137821.73	0.0896	P	1.3	-3.0
6	☐	200.000	201.536	279107.74	0.1829	P	2.8	0.8
7	☐	1.000						

y = 8.9199E-004 * x + 0.0031
R = 0.9999
DL = 1.178 ppb
BEC = 3.467 ppb

Weight: <None>
Min Conc: <None>

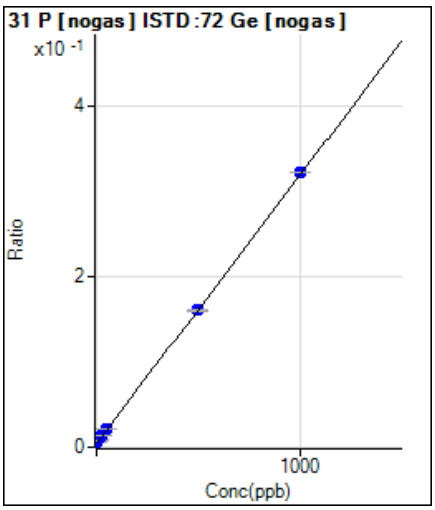


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	391600.28	0.1311	P	1.6	
2	☐	100.000	93.252	472644.51	0.1570	P	1.2	-6.7
3	☐	250.000	244.830	599566.42	0.1991	P	0.4	-2.1
4	☐	500.000	498.778	816317.05	0.2697	P	3.1	-0.2
5	☐	5000.000	4883.675	4408998.58	1.4883	A	0.7	-2.3
6	☐	10000.00	10058.42	8673146.33	2.9264	A	1.5	0.6
7	☐	50.000						

y = 2.7791E-004 * x + 0.1311
R = 0.9999
DL = 22.36 ppb
BEC = 471.6 ppb

Weight: <None>
Min Conc: <None>

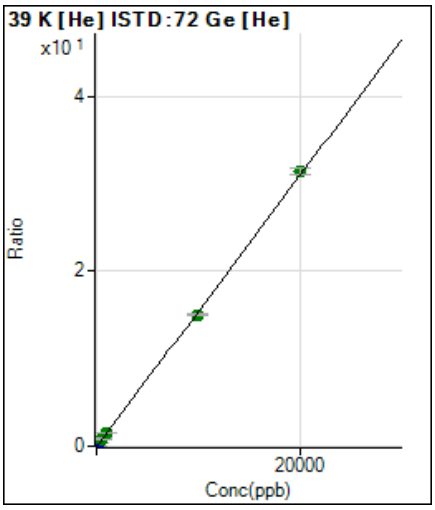
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	18031.19	0.0060	P	6.2	
2	☐	10.000	8.708	26408.70	0.0088	P	1.4	-12.
3	☐	25.000	23.289	40226.33	0.0134	P	1.2	-6.8
4	☐	50.000	49.517	65416.67	0.0216	P	2.1	-1.0
5	☐	500.000	490.141	474594.98	0.1602	P	1.4	-2.0
6	☐	1000.000	1005.009	954845.98	0.3222	P	0.1	0.5
7	☐	5.000						

y = 3.1457E-004 * x + 0.0060
R = 0.9999
DL = 3.567 ppb
BEC = 19.17 ppb

Weight: <None>
Min Conc: <None>

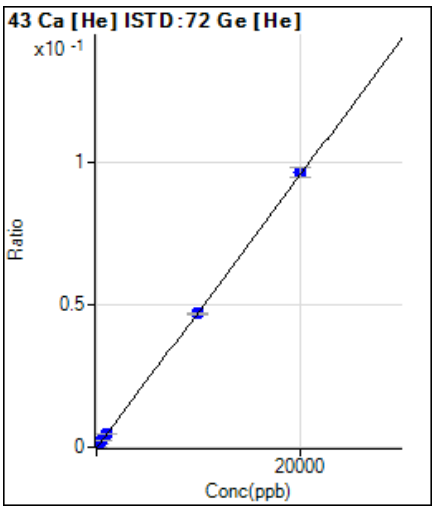


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	116638.97	0.0733	P	3.4	
2	☐	200.000	206.494	619121.36	0.3939	P	1.7	3.2
3	☐	500.000	499.942	1343693.47	0.8496	A	1.8	0.0
4	☐	1000.000	981.132	2509285.90	1.5967	A	0.8	-1.9
5	☐	10000.00	9615.791	23068120.49	15.0037	A	1.0	-3.8
6	☐	20000.00	20192.98	47974862.62	31.4268	A	2.0	1.0
7	☐	100.000						

y = 0.0016 * x + 0.0733
R = 0.9997
DL = 4.781 ppb
BEC = 47.22 ppb

Weight: <None>
Min Conc: <None>

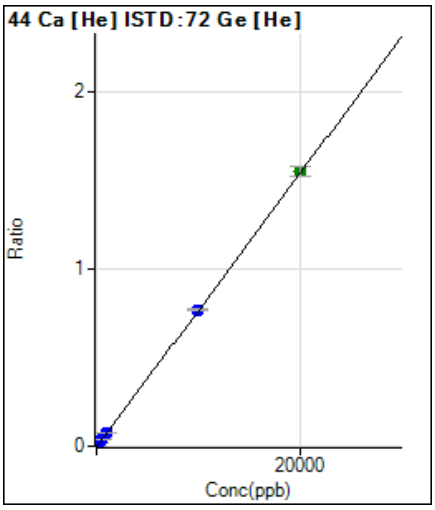
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	160.00	0.0001	P	17.5	
2	☐	200.000	187.432	1566.76	0.0010	P	10.9	-6.3
3	☐	500.000	446.573	3540.41	0.0022	P	7.3	-10.
4	☐	1000.000	935.497	7198.19	0.0046	P	1.5	-6.5
5	☐	10000.00	9792.705	72248.81	0.0470	P	1.1	-2.1
6	☐	20000.00	20108.33	147088.28	0.0964	P	3.7	0.5
7	☐	100.000						

y = 4.7883E-006 * x + 1.0040E-004
R = 0.9999
DL = 10.99 ppb
BEC = 20.97 ppb

Weight: <None>
Min Conc: <None>

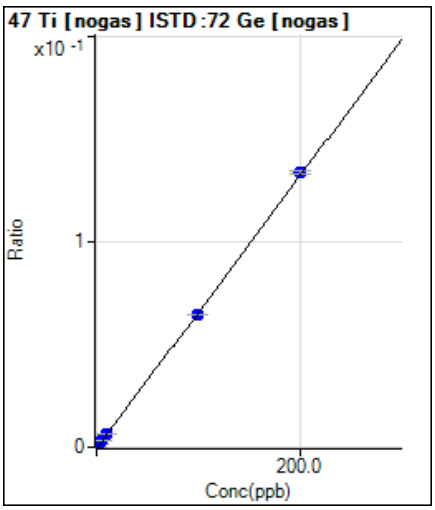


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2830.26	0.0018	P	8.0	
2	☐	200.000	194.736	26445.77	0.0168	P	1.5	-2.6
3	☐	500.000	482.344	61765.16	0.0390	P	1.2	-3.5
4	☐	1000.000	976.255	121343.27	0.0772	P	0.1	-2.4
5	☐	10000.00	9902.530	1179122.93	0.7669	P	1.3	-1.0
6	☐	20000.00	20050.41	2366901.63	1.5510	A	3.8	0.3
7	☐	100.000						

y = 7.7266E-005 * x + 0.0018
R = 1.0000
DL = 5.527 ppb
BEC = 23.04 ppb

Weight: <None>
Min Conc: <None>

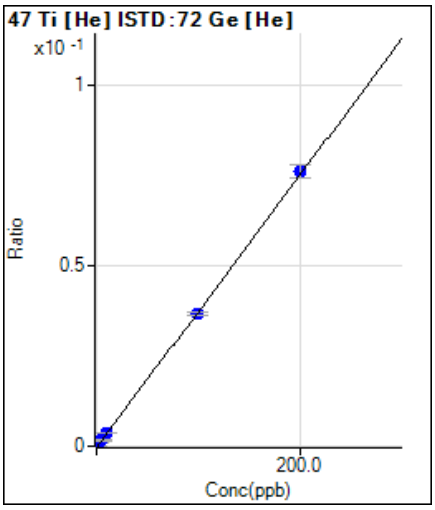
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	140.00	0.0000	P	21.1	
2	☐	2.000	1.944	4020.50	0.0013	P	5.7	-2.8
3	☐	5.000	4.634	9389.14	0.0031	P	0.5	-7.3
4	☐	10.000	9.219	18642.89	0.0062	P	1.9	-7.8
5	☐	100.000	96.990	190574.72	0.0643	P	0.6	-3.0
6	☐	200.000	201.554	396058.16	0.1336	P	1.2	0.8
7	☐	1.000						

y = 6.6277E-004 * x + 4.6841E-005
R = 0.9998
DL = 0.04472 ppb
BEC = 0.07068 ppb

Weight: <None>
Min Conc: <None>

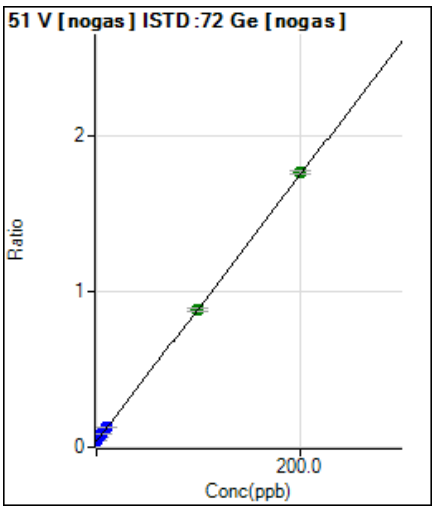


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10.00	0.0000	P	173.	
2	☐	2.000	1.893	1133.38	0.0007	P	5.6	-5.4
3	☐	5.000	4.485	2693.59	0.0017	P	16.1	-10.
4	☐	10.000	9.373	5577.58	0.0035	P	5.4	-6.3
5	☐	100.000	96.787	56241.60	0.0366	P	2.8	-3.2
6	☐	200.000	201.652	116292.72	0.0762	P	4.6	0.8
7	☐	1.000						

y = 3.7794E-004 * x + 6.1318E-006
R = 0.9998
DL = 0.0843 ppb
BEC = 0.01622 ppb

Weight: <None>
Min Conc: <None>

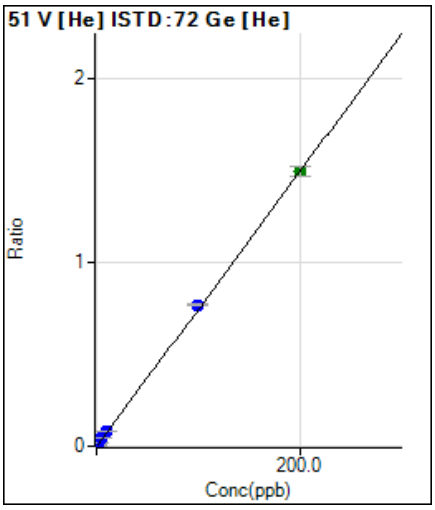
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	133786.97	0.0448	P	1.5	
2	☐	2.000	1.825	181851.72	0.0604	P	1.2	-8.8
3	☐	5.000	4.843	259668.88	0.0862	P	0.4	-3.1
4	☐	10.000	9.771	388747.26	0.1284	P	2.0	-2.3
5	☐	100.000	98.107	2620158.04	0.8845	A	2.1	-1.9
6	☐	200.000	200.964	5231119.92	1.7650	A	1.4	0.5
7	☐	1.000						

y = 0.0086 * x + 0.0448
R = 0.9999
DL = 0.2335 ppb
BEC = 5.231 ppb

Weight: <None>
Min Conc: <None>

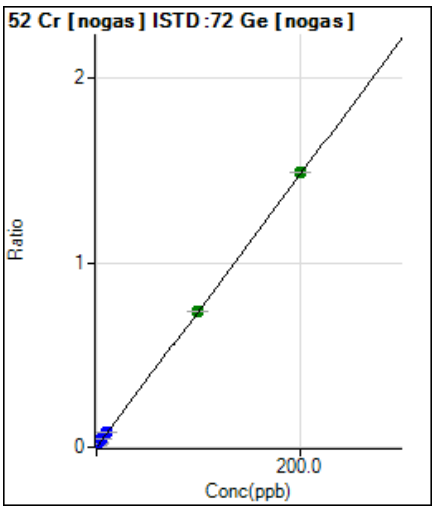


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7198.09	0.0045	P	2.2	
2	☐	2.000	1.991	30528.30	0.0194	P	2.0	-0.4
3	☐	5.000	4.913	65306.98	0.0413	P	2.9	-1.7
4	☐	10.000	9.850	122966.00	0.0782	P	0.5	-1.5
5	☐	100.000	101.973	1180404.33	0.7678	P	1.6	2.0
6	☐	200.000	199.023	2280286.92	1.4942	A	4.0	-0.5
7	☐	1.000						

y = 0.0075 * x + 0.0045
R = 0.9999
DL = 0.03998 ppb
BEC = 0.6042 ppb

Weight: <None>
Min Conc: <None>

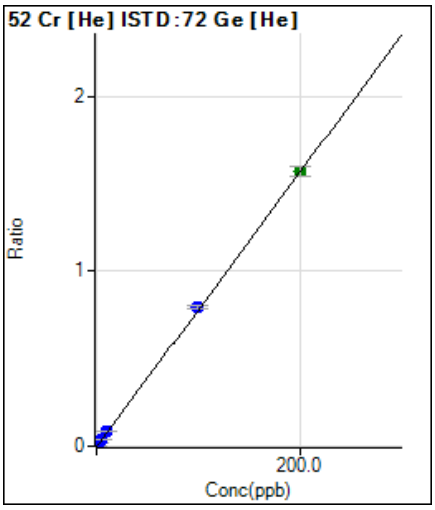
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	19757.38	0.0066	P	1.8	
2	☐	2.000	2.160	68000.72	0.0226	P	2.4	8.0
3	☐	5.000	5.141	134418.49	0.0446	P	1.0	2.8
4	☐	10.000	10.145	247193.75	0.0816	P	1.7	1.5
5	☐	100.000	98.469	2177067.21	0.7349	A	0.4	-1.5
6	☐	200.000	200.753	4419872.85	1.4913	A	0.5	0.4
7	☐	1.000						

y = 0.0074 * x + 0.0066
R = 1.0000
DL = 0.04937 ppb
BEC = 0.8941 ppb

Weight: <None>
Min Conc: <None>

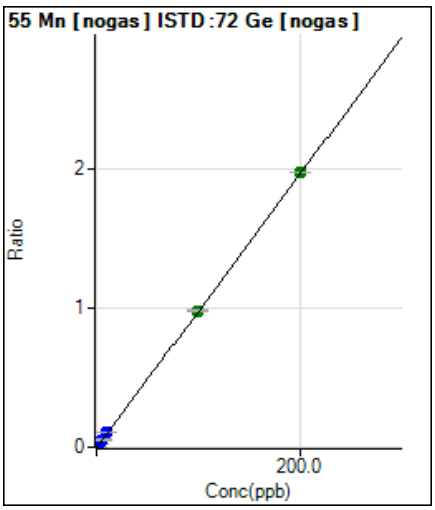


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4467.27	0.0028	P	0.3	
2	☐	2.000	2.092	30294.90	0.0193	P	3.6	4.6
3	☐	5.000	4.947	66010.45	0.0417	P	2.7	-1.1
4	☐	10.000	10.006	128178.16	0.0816	P	0.4	0.1
5	☐	100.000	100.934	1225626.31	0.7972	P	2.1	0.9
6	☐	200.000	199.533	2401081.69	1.5733	A	3.6	-0.2
7	☐	1.000						

y = 0.0079 * x + 0.0028
R = 1.0000
DL = 0.003189 ppb
BEC = 0.3566 ppb

Weight: <None>
Min Conc: <None>

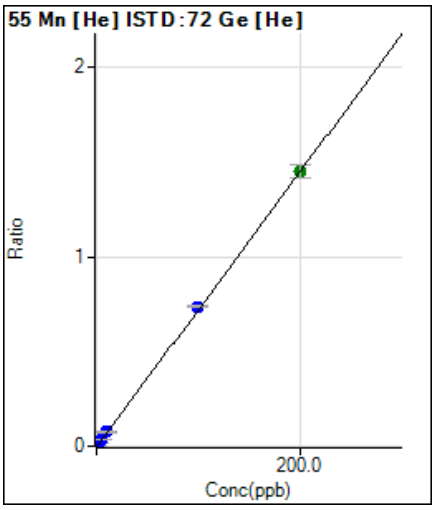
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10589.82	0.0035	P	4.4	
2	☐	2.000	2.238	76881.93	0.0255	P	2.8	11.9
3	☐	5.000	5.061	160453.66	0.0533	P	1.6	1.2
4	☐	10.000	10.205	314408.28	0.1039	P	1.6	2.1
5	☐	100.000	99.334	2902688.92	0.9799	A	1.8	-0.7
6	☐	200.000	200.319	5846035.75	1.9725	A	0.1	0.2
7	☐	1.000						

y = 0.0098 * x + 0.0035
R = 1.0000
DL = 0.04809 ppb
BEC = 0.3605 ppb

Weight: <None>
Min Conc: <None>

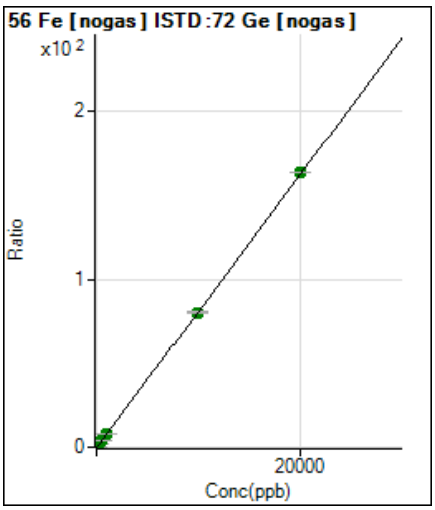


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2826.93	0.0018	P	11.1	
2	☐	2.000	2.104	26856.37	0.0171	P	0.8	5.2
3	☐	5.000	4.798	58007.15	0.0367	P	3.0	-4.0
4	☐	10.000	9.983	116928.71	0.0744	P	1.1	-0.2
5	☐	100.000	101.158	1134118.03	0.7377	P	1.9	1.2
6	☐	200.000	199.426	2216450.12	1.4526	A	4.4	-0.3
7	☐	1.000						

y = 0.0073 * x + 0.0018
R = 1.0000
DL = 0.08163 ppb
BEC = 0.2445 ppb

Weight: <None>
Min Conc: <None>

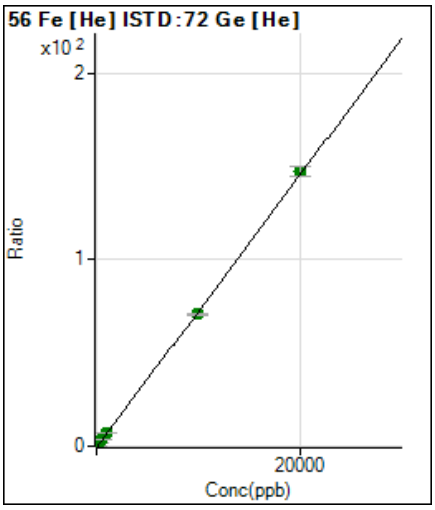
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1244693.24	0.4166	P	1.6	
2	☐	200.000	198.571	6116435.32	2.0314	A	1.4	-0.7
3	☐	500.000	487.263	13186662.30	4.3792	A	1.5	-2.5
4	☐	1000.000	974.120	25247446.29	8.3385	A	1.0	-2.6
5	☐	10000.00	9828.483	238014496.4	80.3457	A	1.3	-1.7
6	☐	20000.00	20087.38	485389672.7	163.775	A	0.2	0.4
7	☐	100.000						

y = 0.0081 * x + 0.4166
R = 0.9999
DL = 2.523 ppb
BEC = 51.22 ppb

Weight: <None>
Min Conc: <None>

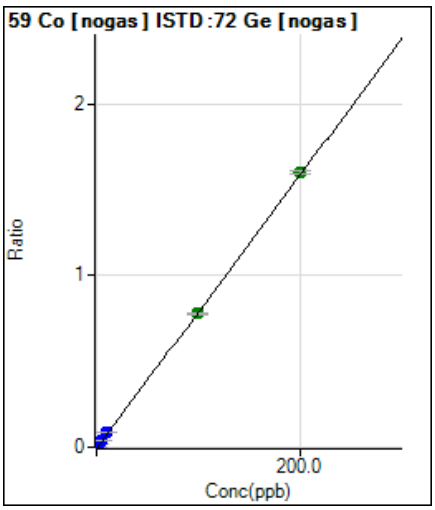


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	35297.26	0.0222	P	4.2	
2	☐	200.000	203.220	2371494.29	1.5087	A	0.9	1.6
3	☐	500.000	482.794	5620125.75	3.5537	A	2.4	-3.4
4	☐	1000.000	966.595	11145480.25	7.0926	A	1.5	-3.3
5	☐	10000.00	9682.221	108916841.7	70.8452	A	1.7	-3.2
6	☐	20000.00	20160.95	225082943.3	147.494	A	3.9	0.8
7	☐	100.000						

y = 0.0073 * x + 0.0222
R = 0.9998
DL = 0.3782 ppb
BEC = 3.034 ppb

Weight: <None>
Min Conc: <None>

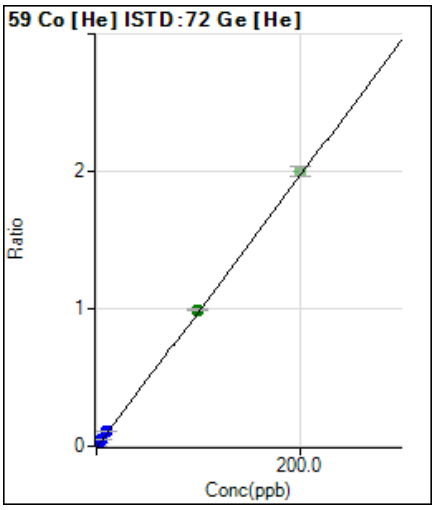
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	476.68	0.0002	P	14.7	
2	☐	2.000	2.100	50839.95	0.0169	P	3.9	5.0
3	☐	5.000	5.152	124066.32	0.0412	P	1.4	3.0
4	☐	10.000	10.351	250129.15	0.0826	P	1.1	3.5
5	☐	100.000	97.723	2306257.62	0.7786	A	1.7	-2.3
6	☐	200.000	201.116	4748450.03	1.6022	A	1.0	0.6
7	☐	1.000						

y = 0.0080 * x + 1.5931E-004
R = 0.9999
DL = 0.008837 ppb
BEC = 0.02 ppb

Weight: <None>
Min Conc: <None>

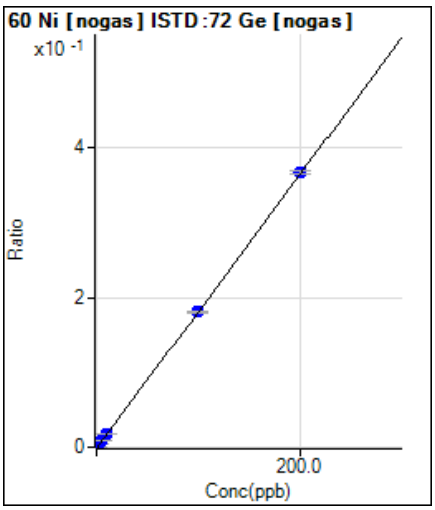


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	240.01	0.0002	P	5.9	
2	☐	2.000	2.127	33323.68	0.0212	P	1.2	6.3
3	☐	5.000	5.189	81448.59	0.0515	P	3.3	3.8
4	☐	10.000	10.488	163384.71	0.1040	P	0.9	4.9
5	☐	100.000	99.939	1521329.20	0.9894	A	1.2	-0.1
6	☑	200.000		3055608.81	2.0020	A	3.3	
7	☐	1.000						

y = 0.0099 * x + 1.5064E-004
R = 1.0000
DL = 0.002697 ppb
BEC = 0.01522 ppb

Weight: <None>
Min Conc: <None>

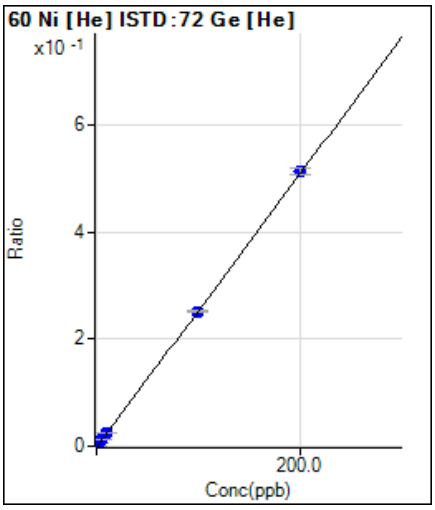
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	640.02	0.0002	P	11.3	
2	☐	2.000	2.049	11930.66	0.0040	P	4.7	2.4
3	☐	5.000	4.926	27791.19	0.0092	P	2.1	-1.5
4	☐	10.000	9.882	55412.98	0.0183	P	0.8	-1.2
5	☐	100.000	98.913	536898.01	0.1812	P	1.1	-1.1
6	☐	200.000	200.551	1088435.48	0.3673	P	0.9	0.3
7	☐	1.000						

y = 0.0018 * x + 2.1405E-004
R = 1.0000
DL = 0.03969 ppb
BEC = 0.117 ppb

Weight: <None>
Min Conc: <None>

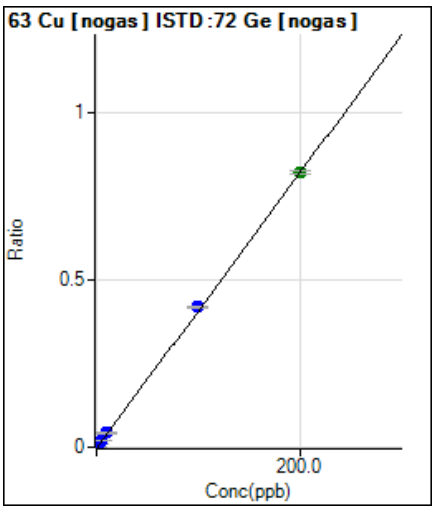


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	450.01	0.0003	P	19.3	
2	☐	2.000	1.929	8195.25	0.0052	P	2.4	-3.5
3	☐	5.000	4.790	19814.25	0.0125	P	4.0	-4.2
4	☐	10.000	9.950	40397.79	0.0257	P	2.6	-0.5
5	☐	100.000	98.358	386834.98	0.2516	P	1.8	-1.6
6	☐	200.000	200.830	783764.78	0.5135	P	2.4	0.4
7	☐	1.000						

y = 0.0026 * x + 2.8324E-004
R = 1.0000
DL = 0.0642 ppb
BEC = 0.1108 ppb

Weight: <None>
Min Conc: <None>

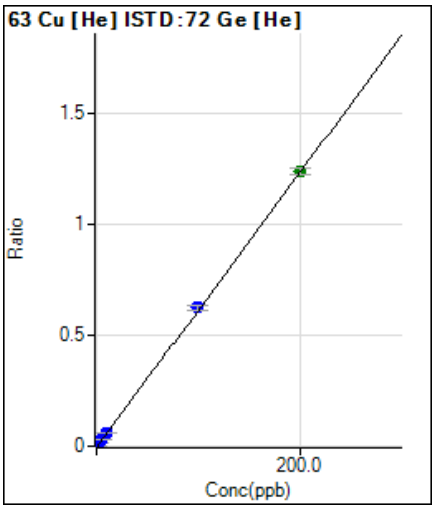
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1430.08	0.0005	P	2.4	
2	☐	2.000	2.106	27644.32	0.0092	P	2.1	5.3
3	☐	5.000	5.147	65482.76	0.0217	P	1.8	2.9
4	☐	10.000	10.195	128960.81	0.0426	P	2.4	1.9
5	☐	100.000	101.476	1243402.61	0.4197	P	1.2	1.5
6	☐	200.000	199.248	2441077.31	0.8237	A	1.4	-0.4
7	☐	1.000						

y = 0.0041 * x + 4.7843E-004
R = 1.0000
DL = 0.008289 ppb
BEC = 0.1158 ppb

Weight: <None>
Min Conc: <None>

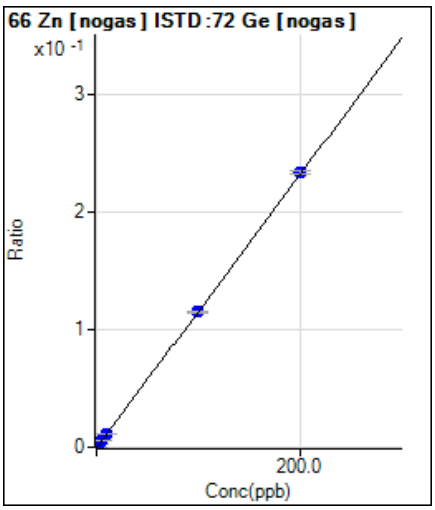


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	960.04	0.0006	P	18.3	
2	☐	2.000	2.131	21726.46	0.0138	P	2.3	6.6
3	☐	5.000	4.926	49282.60	0.0312	P	3.1	-1.5
4	☐	10.000	9.887	97329.22	0.0619	P	2.6	-1.1
5	☐	100.000	100.467	959132.33	0.6239	P	2.5	0.5
6	☐	200.000	199.772	1892655.13	1.2400	A	2.7	-0.1
7	☐	1.000						

y = 0.0062 * x + 6.0276E-004
R = 1.0000
DL = 0.05339 ppb
BEC = 0.09716 ppb

Weight: <None>
Min Conc: <None>

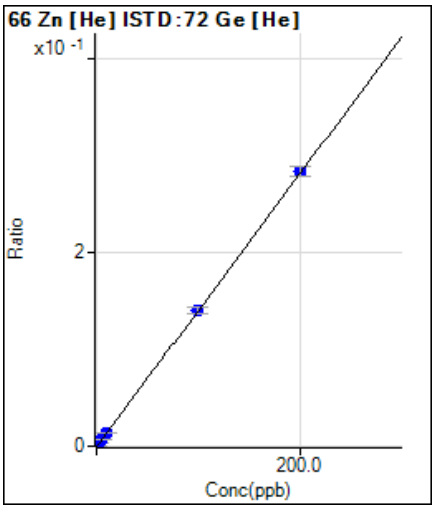
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1390.08	0.0005	P	10.8	
2	☐	2.000	1.903	8068.54	0.0027	P	3.7	-4.8
3	☐	5.000	4.796	18202.59	0.0060	P	3.1	-4.1
4	☐	10.000	9.506	34893.37	0.0115	P	2.9	-4.9
5	☐	100.000	98.707	341655.00	0.1153	P	1.2	-1.3
6	☐	200.000	200.677	693458.27	0.2340	P	0.8	0.3
7	☐	1.000						

y = 0.0012 * x + 4.6480E-004
R = 1.0000
DL = 0.1299 ppb
BEC = 0.3994 ppb

Weight: <None>
Min Conc: <None>

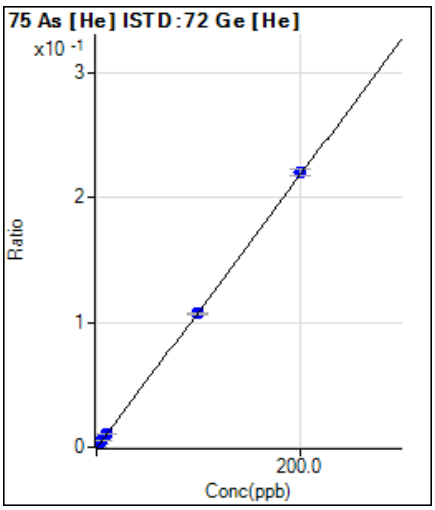


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	953.37	0.0006	P	3.8	
2	☐	2.000	1.856	5070.78	0.0032	P	7.0	-7.2
3	☐	5.000	4.689	11433.72	0.0072	P	6.5	-6.2
4	☐	10.000	9.260	21526.25	0.0137	P	2.6	-7.4
5	☐	100.000	98.893	215922.73	0.1405	P	3.7	-1.1
6	☐	200.000	200.600	433902.55	0.2843	P	3.6	0.3
7	☐	1.000						

y = 0.0014 * x + 5.9867E-004
R = 1.0000
DL = 0.04815 ppb
BEC = 0.4233 ppb

Weight: <None>
Min Conc: <None>

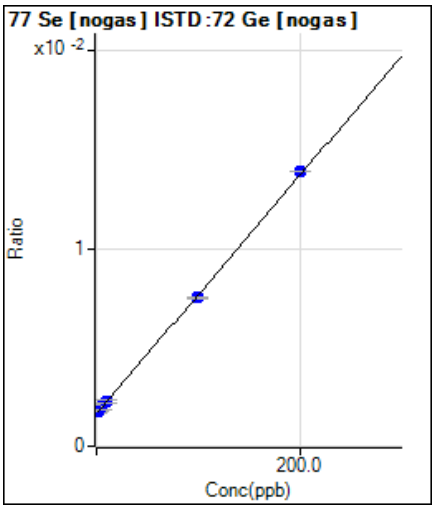
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	388.89	0.0002	P	9.9	
2	☐	2.000	1.959	3748.18	0.0024	P	4.4	-2.0
3	☐	5.000	4.734	8562.04	0.0054	P	3.6	-5.3
4	☐	10.000	9.592	16843.34	0.0107	P	1.8	-4.1
5	☐	100.000	97.749	164485.25	0.1070	P	1.3	-2.3
6	☐	200.000	201.153	335648.22	0.2199	P	2.6	0.6
7	☐	1.000						

y = 0.0011 * x + 2.4435E-004
R = 0.9999
DL = 0.06677 ppb
BEC = 0.2238 ppb

Weight: <None>
Min Conc: <None>

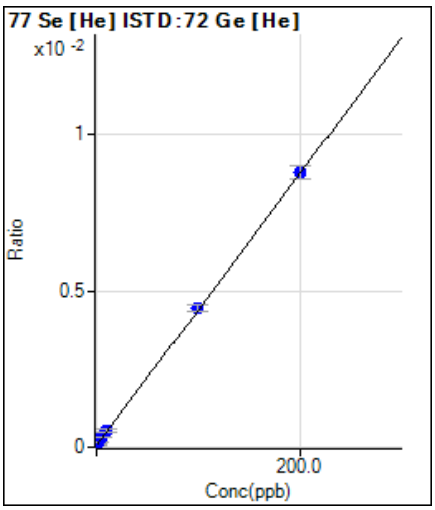


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5130.82	0.0017	P	7.0	
2	☐	2.000	1.243	5397.56	0.0018	P	1.7	-37.
3	☐	5.000	4.227	5937.75	0.0020	P	9.4	-15.
4	☐	10.000	9.204	6881.41	0.0023	P	6.1	-8.0
5	☐	100.000	95.970	22223.75	0.0075	P	1.3	-4.0
6	☐	200.000	202.082	41190.09	0.0139	P	0.5	1.0
7	☐	1.000						

y = 6.0275E-005 * x + 0.0017
R = 0.9997
DL = 6.011 ppb
BEC = 28.5 ppb

Weight: <None>
Min Conc: <None>

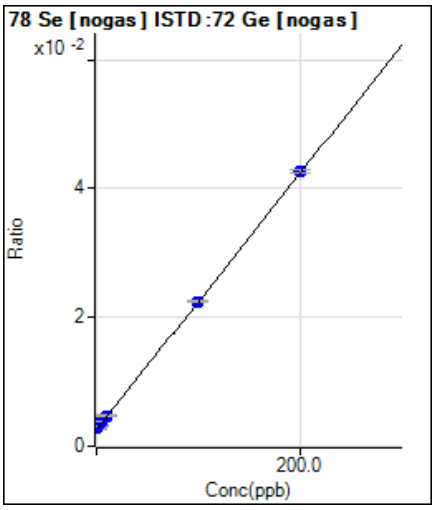
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	156.67	0.0001	P	40.9	
2	☐	2.000	1.341	246.67	0.0002	P	30.2	-33.
3	☐	5.000	4.915	493.35	0.0003	P	10.1	-1.7
4	☐	10.000	10.025	840.04	0.0005	P	13.7	0.3
5	☐	100.000	100.425	6864.76	0.0045	P	5.0	0.4
6	☐	200.000	199.795	13408.48	0.0088	P	4.6	-0.1
7	☐	1.000						

y = 4.3490E-005 * x + 9.8108E-005
R = 1.0000
DL = 2.771 ppb
BEC = 2.256 ppb

Weight: <None>
Min Conc: <None>

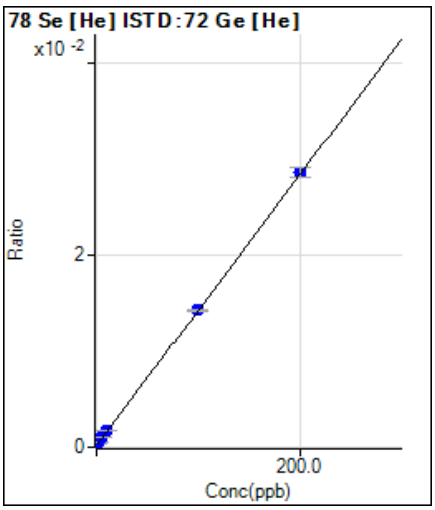


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	8288.70	0.0028	P	6.5	
2	☐	2.000	2.613	9926.21	0.0033	P	5.9	30.7
3	☐	5.000	4.974	11340.35	0.0038	P	1.7	-0.5
4	☐	10.000	9.652	14219.06	0.0047	P	3.5	-3.5
5	☐	100.000	99.041	66625.08	0.0225	P	1.0	-1.0
6	☐	200.000	200.491	126489.93	0.0427	P	1.2	0.2
7	☐	1.000						

y = 1.9903E-004 * x + 0.0028
R = 1.0000
DL = 2.732 ppb
BEC = 13.94 ppb

Weight: <None>
Min Conc: <None>

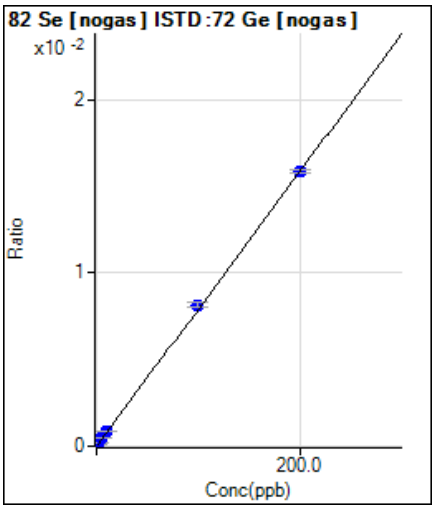
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	498.68	0.0003	P	4.5	
2	☐	2.000	1.882	910.70	0.0006	P	3.3	-5.9
3	☐	5.000	5.040	1622.75	0.0010	P	2.5	0.8
4	☐	10.000	9.740	2656.20	0.0017	P	4.1	-2.6
5	☐	100.000	98.842	21966.56	0.0143	P	1.3	-1.2
6	☐	200.000	200.592	43760.19	0.0287	P	3.1	0.3
7	☐	1.000						

y = 1.4137E-004 * x + 3.1352E-004
R = 1.0000
DL = 0.2974 ppb
BEC = 2.218 ppb

Weight: <None>
Min Conc: <None>

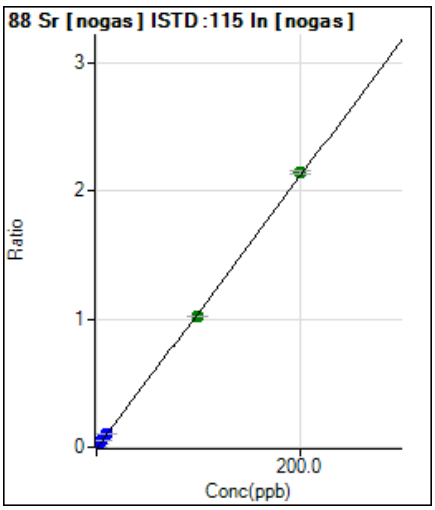


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	203.33	0.0001	P	17.3	
2	☐	2.000	1.642	596.69	0.0002	P	12.2	-17.
3	☐	5.000	4.885	1373.41	0.0005	P	0.7	-2.3
4	☐	10.000	10.185	2656.91	0.0009	P	6.5	1.8
5	☐	100.000	102.002	24209.81	0.0082	P	2.9	2.0
6	☐	200.000	198.996	47061.40	0.0159	P	1.5	-0.5
7	☐	1.000						

y = 7.9456E-005 * x + 6.7921E-005
R = 0.9999
DL = 0.4431 ppb
BEC = 0.8548 ppb

Weight: <None>
Min Conc: <None>

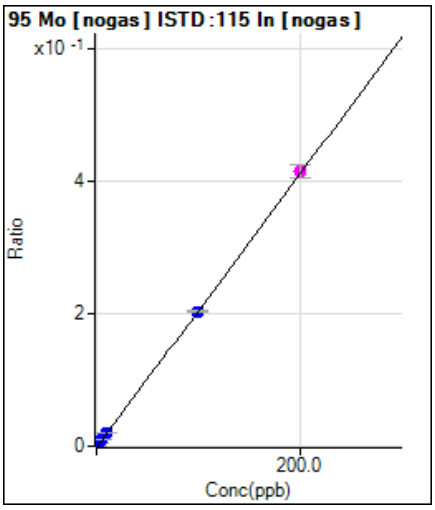
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2520.22	0.0007	P	2.5	
2	☐	2.000	1.955	75159.53	0.0215	P	1.2	-2.2
3	☐	5.000	4.999	183304.01	0.0539	P	0.5	0.0
4	☐	10.000	9.821	364506.87	0.1051	P	1.4	-1.8
5	☐	100.000	96.312	3464618.28	1.0244	A	0.6	-3.7
6	☐	200.000	201.853	7092392.39	2.1462	A	0.7	0.9
7	☐	1.000						

y = 0.0106 * x + 7.3464E-004
R = 0.9998
DL = 0.005212 ppb
BEC = 0.06912 ppb

Weight: <None>
Min Conc: <None>

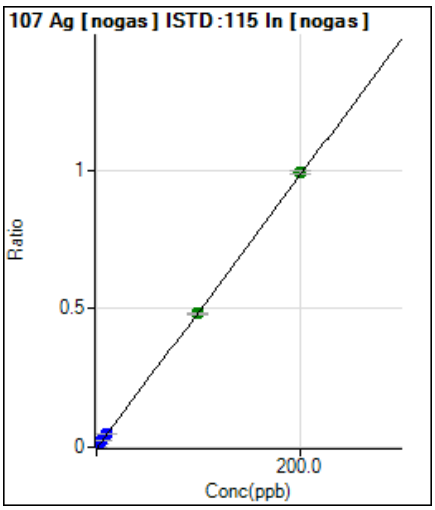


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	250.01	0.0001	P	6.5	
2	☐	2.000	1.963	14439.30	0.0041	P	4.0	-1.8
3	☐	5.000	4.793	33975.81	0.0100	P	3.2	-4.1
4	☐	10.000	9.462	68109.09	0.0196	P	1.8	-5.4
5	☐	100.000	98.131	686704.81	0.2030	P	1.1	-1.9
6	☐	200.000	200.967	1373355.19	0.4157	M	4.8	0.5
7	☐	1.000						

y = 0.0021 * x + 7.2875E-005
R = 0.9999
DL = 0.006911 ppb
BEC = 0.03523 ppb

Weight: <None>
Min Conc: <None>

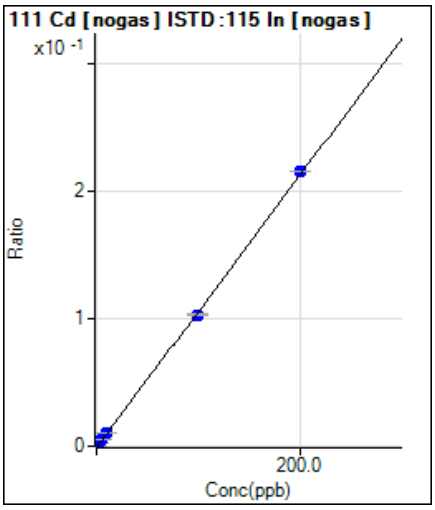
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	66.67	0.0000	P	60.3	
2	☐	2.000	1.997	34480.47	0.0099	P	1.4	-0.2
3	☐	5.000	5.061	85029.40	0.0250	P	2.2	1.2
4	☐	10.000	9.920	169810.14	0.0490	P	2.5	-0.8
5	☐	100.000	97.581	1628674.20	0.4816	A	0.7	-2.4
6	☐	200.000	201.212	3281542.87	0.9930	A	0.6	0.6
7	☐	1.000						

y = 0.0049 * x + 1.9374E-005
R = 0.9999
DL = 0.007102 ppb
BEC = 0.003926 ppb

Weight: <None>
Min Conc: <None>

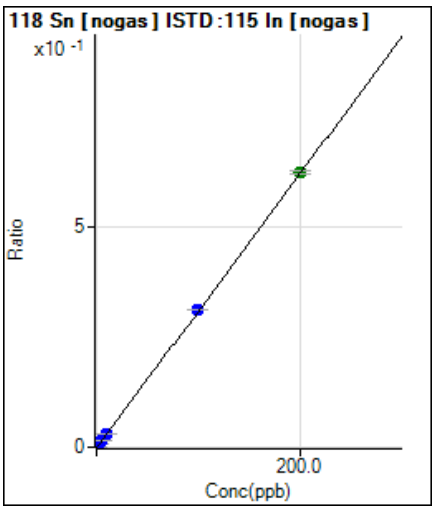


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13.33	0.0000	P	86.6	
2	☐	2.000	1.892	7071.53	0.0020	P	6.8	-5.4
3	☐	5.000	4.788	17412.10	0.0051	P	4.9	-4.2
4	☐	10.000	9.485	35151.86	0.0101	P	2.6	-5.1
5	☐	100.000	96.520	348693.47	0.1031	P	1.2	-3.5
6	☐	200.000	201.772	712261.97	0.2155	P	0.3	0.9
7	☐	1.000						

y = 0.0011 * x + 3.8958E-006
R = 0.9998
DL = 0.009477 ppb
BEC = 0.003647 ppb

Weight: <None>
Min Conc: <None>

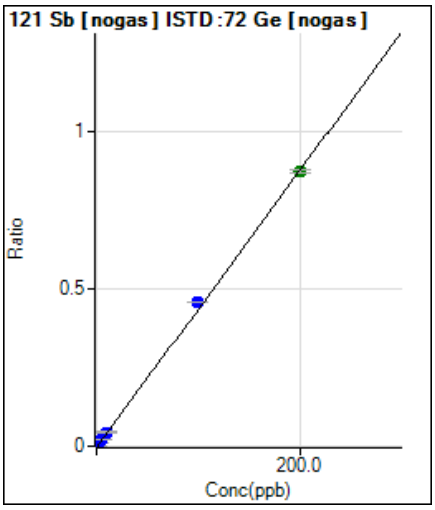
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4156.57	0.0012	P	36.7	
2	☐	2.000	1.798	23853.07	0.0068	P	2.4	-10.
3	☐	5.000	4.877	55945.51	0.0164	P	3.0	-2.5
4	☐	10.000	9.732	109612.80	0.0316	P	0.7	-2.7
5	☐	100.000	99.936	1059661.91	0.3133	P	0.6	-0.1
6	☐	200.000	200.051	2068599.24	0.6260	A	1.3	0.0
7	☐	1.000						

y = 0.0031 * x + 0.0012
R = 1.0000
DL = 0.4279 ppb
BEC = 0.3888 ppb

Weight: <None>
Min Conc: <None>

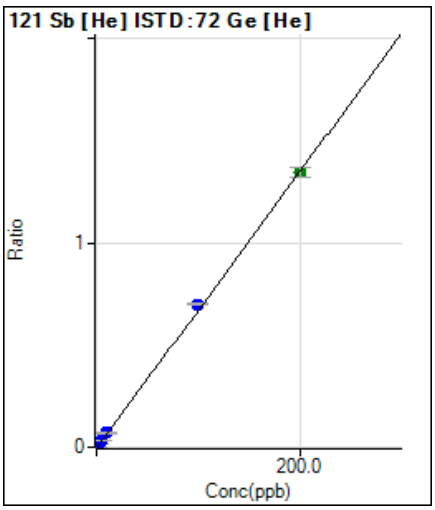


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1170.06	0.0004	P	8.0	
2	☐	2.000	2.048	28386.46	0.0094	P	0.9	2.4
3	☐	5.000	5.134	69390.16	0.0230	P	0.5	2.7
4	☐	10.000	10.062	135588.68	0.0448	P	1.4	0.6
5	☐	100.000	103.586	1355101.23	0.4574	P	0.3	3.6
6	☐	200.000	198.200	2592886.73	0.8748	A	1.3	-0.9
7	☐	1.000						

y = 0.0044 * x + 3.9186E-004
R = 0.9998
DL = 0.02142 ppb
BEC = 0.08882 ppb

Weight: <None>
Min Conc: <None>

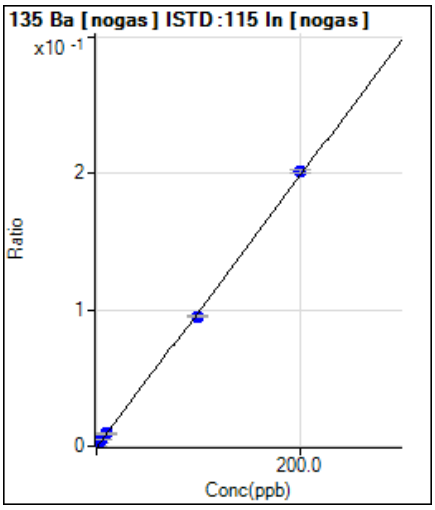
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1033.39	0.0007	P	9.0	
2	☐	2.000	2.017	22501.26	0.0143	P	3.7	0.9
3	☐	5.000	4.942	53979.89	0.0341	P	2.1	-1.2
4	☐	10.000	10.118	108744.44	0.0692	P	1.2	1.2
5	☐	100.000	103.288	1076845.19	0.7004	P	2.2	3.3
6	☐	200.000	198.352	2052214.08	1.3445	A	3.8	-0.8
7	☐	1.000						

y = 0.0068 * x + 6.5014E-004
R = 0.9998
DL = 0.02584 ppb
BEC = 0.09596 ppb

Weight: <None>
Min Conc: <None>

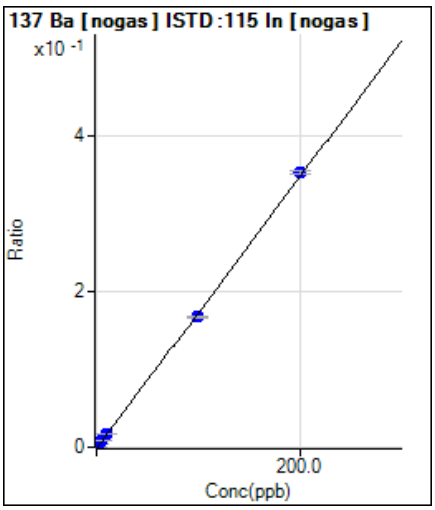


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	230.01	0.0001	P	19.8	
2	☐	2.000	1.864	6711.44	0.0019	P	1.5	-6.8
3	☐	5.000	4.826	16568.10	0.0049	P	4.0	-3.5
4	☐	10.000	9.107	31655.75	0.0091	P	3.0	-8.9
5	☐	100.000	95.601	321992.29	0.0952	P	0.3	-4.4
6	☐	200.000	202.250	665387.70	0.2013	P	1.3	1.1
7	☐	1.000						

y = 9.9514E-004 * x + 6.7124E-005
R = 0.9997
DL = 0.04007 ppb
BEC = 0.06745 ppb

Weight: <None>
Min Conc: <None>

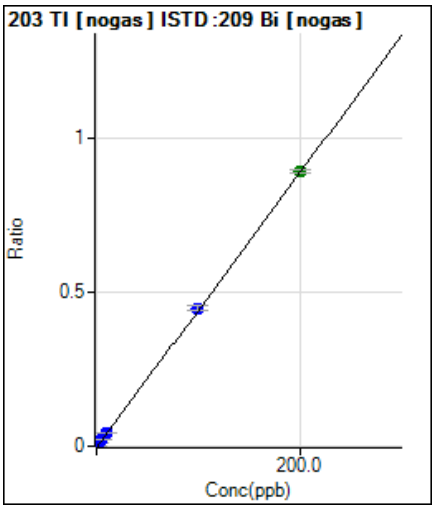
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	406.68	0.0001	P	12.3	
2	☐	2.000	1.866	11804.20	0.0034	P	0.8	-6.7
3	☐	5.000	4.752	28657.38	0.0084	P	1.9	-5.0
4	☐	10.000	9.382	57258.20	0.0165	P	4.4	-6.2
5	☐	100.000	95.816	566764.41	0.1676	P	0.7	-4.2
6	☐	200.000	202.131	1167815.27	0.3534	P	0.6	1.1
7	☐	1.000						

y = 0.0017 * x + 1.1856E-004
R = 0.9997
DL = 0.02497 ppb
BEC = 0.06784 ppb

Weight: <None>
Min Conc: <None>

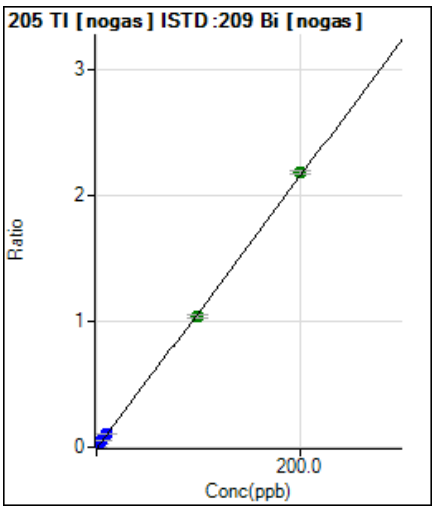


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	86.67	0.0000	P	47.8	
2	☐	2.000	2.017	27683.61	0.0091	P	5.8	0.9
3	☐	5.000	4.908	66259.78	0.0220	P	0.8	-1.8
4	☐	10.000	9.651	132835.11	0.0432	P	2.7	-3.5
5	☐	100.000	100.249	1321770.69	0.4486	P	3.5	0.2
6	☐	200.000	199.895	2557017.30	0.8946	A	1.6	-0.1
7	☐	1.000						

y = 0.0045 * x + 2.8758E-005
R = 1.0000
DL = 0.009217 ppb
BEC = 0.006426 ppb

Weight: <None>
Min Conc: <None>

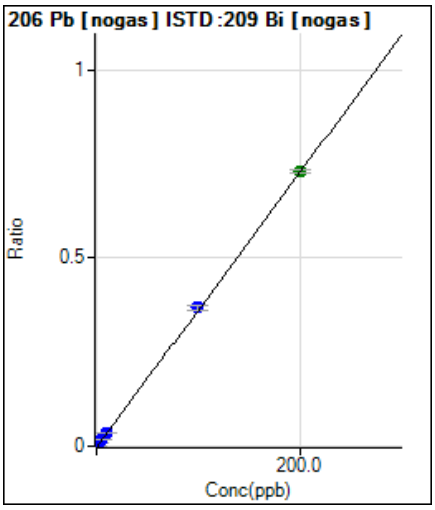
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	196.68	0.0001	P	7.7	
2	☐	2.000	1.938	64372.68	0.0211	P	3.5	-3.1
3	☐	5.000	4.857	158581.83	0.0527	P	3.6	-2.9
4	☐	10.000	9.603	319755.23	0.1040	P	2.1	-4.0
5	☐	100.000	96.316	3072693.91	1.0428	A	2.2	-3.7
6	☐	200.000	201.866	6247133.03	2.1855	A	1.2	0.9
7	☐	1.000						

y = 0.0108 * x + 6.4963E-005
R = 0.9998
DL = 0.001393 ppb
BEC = 0.006001 ppb

Weight: <None>
Min Conc: <None>

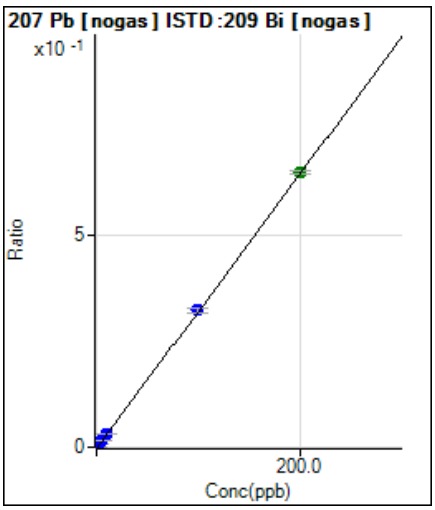


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	306.68	0.0001	P	18.4	
2	☐	2.000	2.006	22759.43	0.0074	P	4.9	0.3
3	☐	5.000	4.973	55126.08	0.0183	P	2.2	-0.5
4	☐	10.000	9.845	111056.60	0.0361	P	2.4	-1.6
5	☐	100.000	100.708	1086259.20	0.3687	P	3.0	0.7
6	☐	200.000	199.654	2089102.94	0.7308	A	1.4	-0.2
7	☐	1.000						

y = 0.0037 * x + 1.0102E-004
R = 1.0000
DL = 0.01525 ppb
BEC = 0.0276 ppb

Weight: <None>
Min Conc: <None>

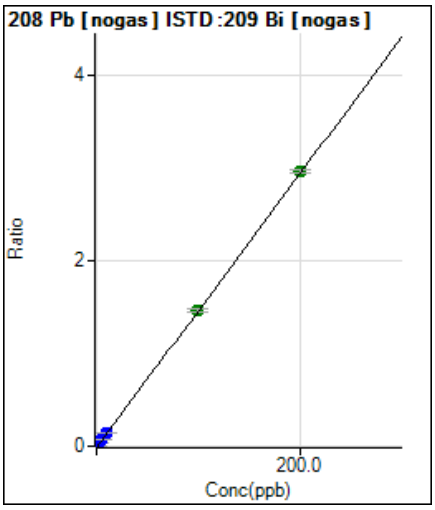
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	206.67	0.0001	P	32.4	
2	☐	2.000	1.940	19481.86	0.0064	P	1.6	-3.0
3	☐	5.000	4.996	49080.22	0.0163	P	1.9	-0.1
4	☐	10.000	9.670	96720.63	0.0315	P	3.2	-3.3
5	☐	100.000	99.553	952622.12	0.3233	P	3.6	-0.4
6	☐	200.000	200.241	1858812.00	0.6503	A	1.7	0.1
7	☐	1.000						

y = 0.0032 * x + 6.8054E-005
R = 1.0000
DL = 0.02038 ppb
BEC = 0.02096 ppb

Weight: <None>
Min Conc: <None>

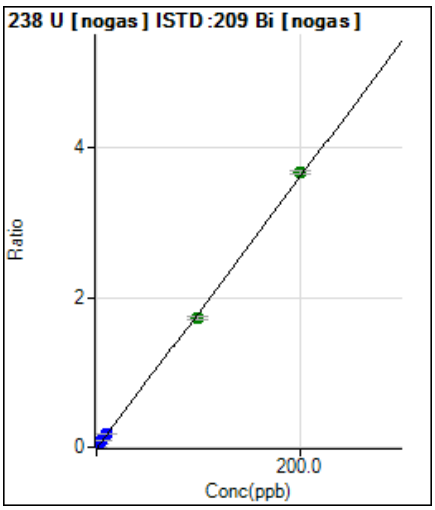


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1123.38	0.0004	P	7.3	
2	☐	2.000	1.980	90753.26	0.0297	P	2.4	-1.0
3	☐	5.000	4.934	221086.62	0.0734	P	1.9	-1.3
4	☐	10.000	9.728	443679.51	0.1443	P	2.5	-2.7
5	☐	100.000	98.624	4301892.07	1.4600	A	2.3	-1.4
6	☐	200.000	200.704	8491787.89	2.9708	A	0.9	0.4
7	☐	1.000						

y = 0.0148 * x + 3.7031E-004
R = 1.0000
DL = 0.005501 ppb
BEC = 0.02502 ppb

Weight: <None>
Min Conc: <None>

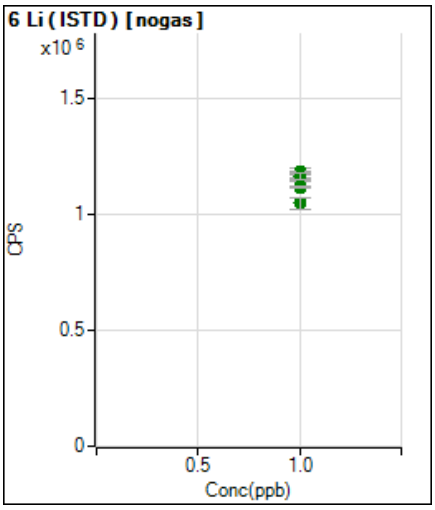
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	140.00	0.0000	P	27.6	
2	☐	2.000	1.895	105418.15	0.0345	P	2.2	-5.3
3	☐	5.000	4.721	258426.67	0.0858	P	2.3	-5.6
4	☐	10.000	9.343	521782.30	0.1697	P	2.1	-6.6
5	☐	100.000	95.185	5094707.63	1.7290	A	2.0	-4.8
6	☐	200.000	202.448	10511497.76	3.6773	A	1.0	1.2
7	☐	1.000						

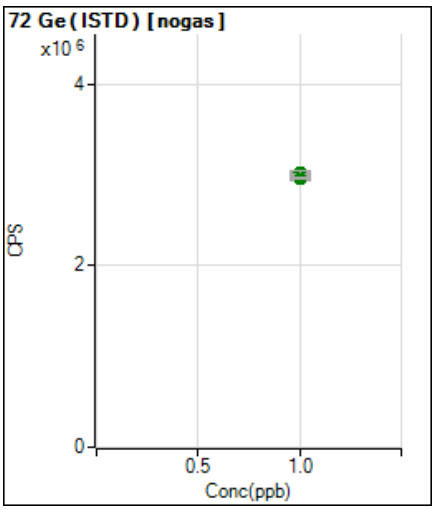
y = 0.0182 * x + 4.6392E-005
R = 0.9996
DL = 0.002113 ppb
BEC = 0.002554 ppb

Weight: <None>
Min Conc: <None>

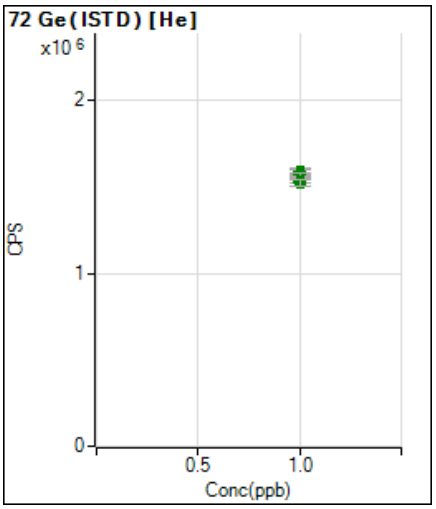


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1187992.33		A	1.8	
2	☐	1.000		1187474.53		A	0.6	
3	☐	1.000		1154236.54		A	1.4	
4	☐	1.000		1165188.60		A	2.7	
5	☐	1.000		1119478.39		A	1.0	
6	☐	1.000		1049027.47		A	4.3	
7	☐	1.000						

Calibration for 015_ICV.d

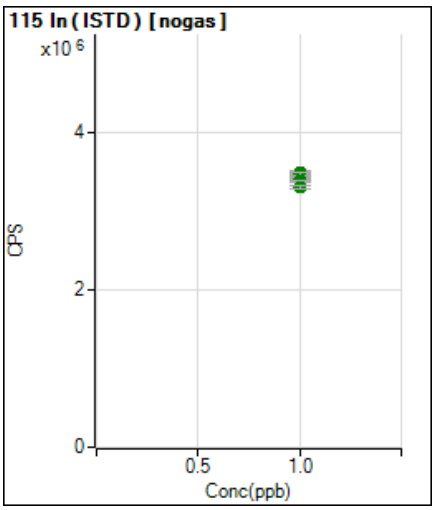


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2988430.99		A	1.6	
2	☐	1.000		3011293.08		A	1.5	
3	☐	1.000		3011432.25		A	0.8	
4	☐	1.000		3028012.97		A	1.6	
5	☐	1.000		2962673.81		A	1.5	
6	☐	1.000		2963759.75		A	0.4	
7	☐	1.000						

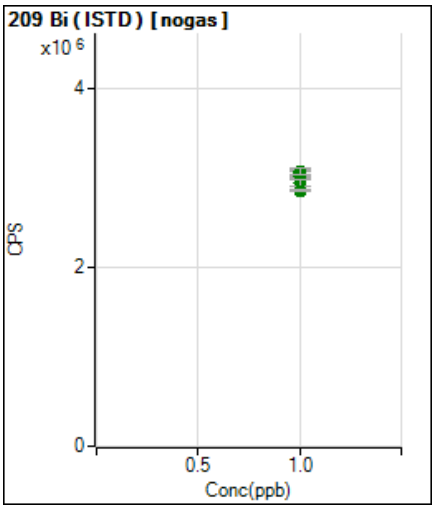


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1591742.95		A	2.4	
2	☐	1.000		1571906.96		A	1.6	
3	☐	1.000		1581998.68		A	2.1	
4	☐	1.000		1571572.89		A	1.0	
5	☐	1.000		1537651.23		A	1.5	
6	☐	1.000		1527100.71		A	2.8	
7	☐	1.000						

Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3430136.86		A	0.8	
2	☐	1.000		3492989.13		A	1.0	
3	☐	1.000		3403102.86		A	2.2	
4	☐	1.000		3467870.26		A	0.9	
5	☐	1.000		3382107.91		A	0.8	
6	☐	1.000		3304749.46		A	1.2	
7	☐	1.000						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3030667.14		A	2.5	
2	☐	1.000		3059932.87		A	2.7	
3	☐	1.000		3012957.46		A	1.5	
4	☐	1.000		3074523.29		A	1.8	
5	☐	1.000		2947482.87		A	2.1	
6	☐	1.000		2858492.77		A	0.3	
7	☐	1.000						

Initial Calibration Verification (ICV) Report

Sample Table

Sample Name	ICV
Data File Name	015_ICV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:48:22-06:00
Sample Type	ICV
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	101.790	2.165	511056	0.09	100	101.8	90	110	
B	11	1	nogas	502.493	3.344	1605568	1.32	500	100.5	90	110	
Al	27	1	nogas	104.821	1.506	1743853	1.67	100	104.8	90	110	
P	31	1	nogas	514.013	0.273	507769	0.93	500	102.8	90	110	
Ti	47	1	nogas	101.109	0.539	203020	1.38	100	101.1	90	110	
Ni	60	1	nogas	104.937	0.974	582063	1.26	100	104.9	90	110	
Cu	63	1	nogas	107.031	0.023	1340132	0.87	100	107.0	90	110	
Zn	66	1	nogas	107.914	0.163	381565	0.80	100	107.9	90	110	
Se	77	1	nogas	95.236	2.330	22578	1.83	100	95.2	90	110	
Se	82	1	nogas	106.819	1.468	25899	0.94	100	106.8	90	110	
Sr	88	1	nogas	101.556	1.223	3690377	2.06	100	101.6	90	110	
Mo	95	1	nogas	101.883	1.352	720151	1.76	100	101.9	90	110	
Ag	107	1	nogas	101.656	0.886	1713815	0.21	100	101.7	90	110	
Cd	111	1	nogas	101.824	1.391	371615	2.43	100	101.8	90	110	
Sn	118	1	nogas	104.958	1.521	1123987	1.80	100	105.0	90	110	
Sb	121	1	nogas	103.499	4.305	1383285	3.56	100	103.5	90	110	
Ba	137	1	nogas	101.409	0.890	605880	1.39	100	101.4	90	110	
Tl	205	1	nogas	103.639	2.754	3323526	1.87	100	103.6	90	110	
Pb	208	1	nogas	103.364	2.351	4532282	1.52	100	103.4	90	110	
U	238	1	nogas	98.923	2.298	5322288	1.29	100	98.9	90	110	
Li	7	1	nogas	105.507	2.083	1704205	1.32	100	105.5	90	110	
Si	28	1	nogas	6194.885	1.451	5608837	1.65	5000	123.9	90	110	ICV Main CR1 Failed
Ba	135	1	nogas	101.178	1.049	344209	1.51	100	101.2	90	110	
Tl	203	1	nogas	107.889	3.425	1430039	2.44	100	107.9	90	110	
Na	23	2	He	10466.579	1.109	26104240	0.83	10000	104.7	90	110	
Mg	24	2	He	10430.019	1.929	16876640	0.17	10000	104.3	90	110	
Al	27	2	He	102.968	1.900	150168	0.10	100	103.0	90	110	
K	39	2	He	10416.662	1.093	25700633	0.70	10000	104.2	90	110	
Ca	43	2	He	10336.237	3.138	78430	1.35	10000	103.4	90	110	
Ca	44	2	He	10632.643	1.414	1302336	0.74	10000	106.3	90	110	
V	51	2	He	105.957	1.449	1261655	0.85	100	106.0	90	110	
Cr	52	2	He	105.324	1.462	1315723	0.88	100	105.3	90	110	
Mn	55	2	He	106.828	1.589	1232137	1.09	100	106.8	90	110	
Fe	56	2	He	10380.466	2.860	120123722	1.38	10000	103.8	90	110	
Co	59	2	He	103.734	0.852	1639077	0.94	100	103.7	90	110	
Ni	60	2	He	104.182	2.170	421520	1.06	100	104.2	90	110	
Cu	63	2	He	105.570	1.376	1037008	1.14	100	105.6	90	110	
Zn	66	2	He	105.812	1.281	237679	0.76	100	105.8	90	110	
As	75	2	He	105.550	0.679	182721	1.42	100	105.5	90	110	
Sb	121	2	He	108.438	2.031	1163098	0.83	100	108.4	90	110	
Se	78	2	He	106.122	1.735	24227	1.00	100	106.1	90	110	
Ti	47	2	He	100.509	3.463	60083	1.94	100	100.5	90	110	

QC ISTD Table

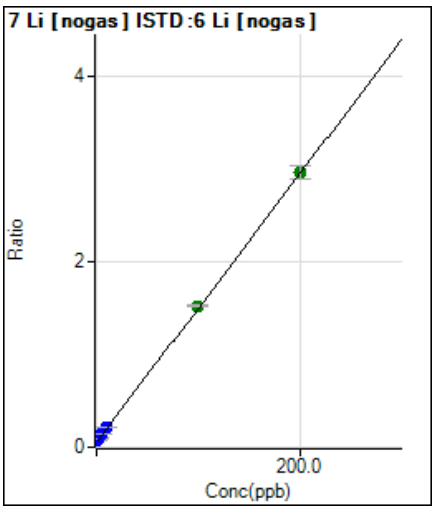
Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3027410	0.85	2988431	101.30	70	120	
In	115	1	nogas	3416362	1.10	3430137	99.60	70	120	
Li	6	1	nogas	1107053	2.10	1187992	93.19	70	120	
Bi	209	1	nogas	2962421	1.02	3030667	97.75	70	120	
Ge	72	2	He	1582056	1.79	1591743	99.39	70	120	

Calibration for 131_ICV.d

Batch Folder:	C:\Agilent\ICPMH\1\DATA\012621A.b\
Analysis File:	012621A.batch.bin
DA Date-Time:	1/26/2021 11:00:38 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	

Level	Standard Data File	Sample Name	Acq. Date-Time
1	124CALB.d	CAL BLK	1/26/2021 2:26:28 PM
2	125CALS.d	2/10/200	1/26/2021 2:28:30 PM
3	126CALS.d	5/25/500	1/26/2021 2:30:32 PM
4	127CALS.d	10/50/1000	1/26/2021 2:32:32 PM
5	128CALS.d	100/500/10K	1/26/2021 2:34:32 PM
6	129CALS.d	200/1000/20K	1/26/2021 2:36:25 PM
7			

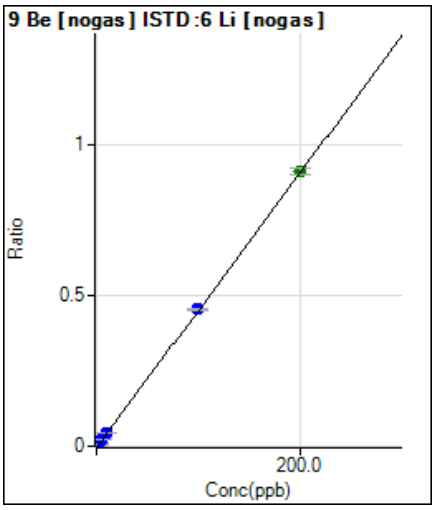
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	100724.67	0.0678	P	2.6	
2	☐	2.000	2.090	142102.76	0.0981	P	1.7	4.5
3	☐	5.000	4.965	201355.61	0.1397	P	2.8	-0.7
4	☐	10.000	9.922	296067.28	0.2114	P	0.6	-0.8
5	☐	100.000	100.141	2035972.05	1.5174	A	1.1	0.1
6	☐	200.000	199.933	3805847.65	2.9619	A	4.6	0.0
7	☐	1.000						

y = 0.0145 * x + 0.0678
R = 1.0000
DL = 0.3584 ppb
BEC = 4.685 ppb

Weight: <None>
Min Conc: <None>

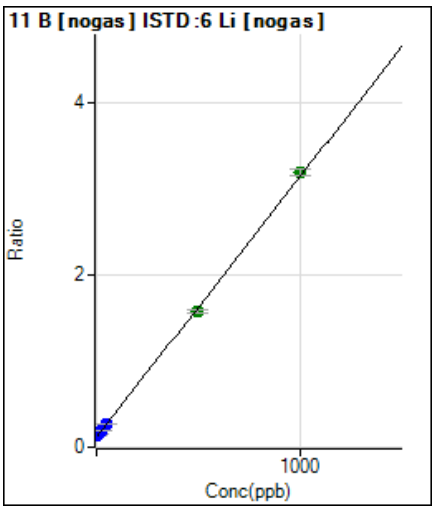


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	35.00	0.0000	P	11.3	
2	☐	2.000	1.825	12097.20	0.0083	P	2.6	-8.8
3	☐	5.000	4.521	29726.26	0.0207	P	6.9	-9.6
4	☐	10.000	9.245	59096.52	0.0422	P	1.7	-7.5
5	☐	100.000	99.729	610515.86	0.4550	P	1.6	-0.3
6	☐	200.000	200.187	1173911.73	0.9134	A	3.0	0.1
7	☐	1.000						

y = 0.0046 * x + 2.3498E-005
R = 1.0000
DL = 0.001748 ppb
BEC = 0.00515 ppb

Weight: <None>
Min Conc: <None>

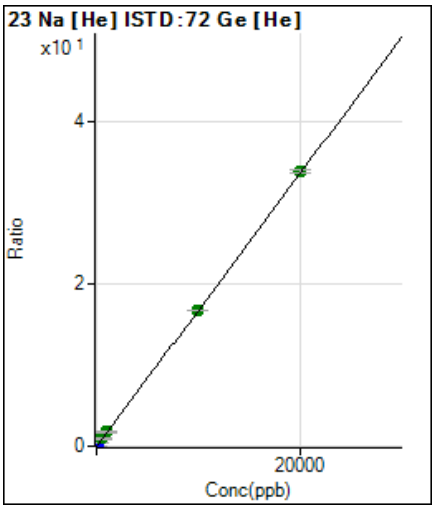
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	198331.93	0.1336	P	3.6	
2	☐	10.000	7.534	226566.52	0.1563	P	1.9	-24.
3	☐	25.000	18.806	274255.11	0.1905	P	5.7	-24.
4	☐	50.000	45.368	379230.48	0.2708	P	1.6	-9.3
5	☐	500.000	477.865	2119176.12	1.5796	A	3.0	-4.4
6	☐	1000.000	1011.479	4106437.65	3.1944	A	2.2	1.1
7	☐	5.000						

y = 0.0030 * x + 0.1336
R = 0.9997
DL = 4.818 ppb
BEC = 44.13 ppb

Weight: <None>
Min Conc: <None>

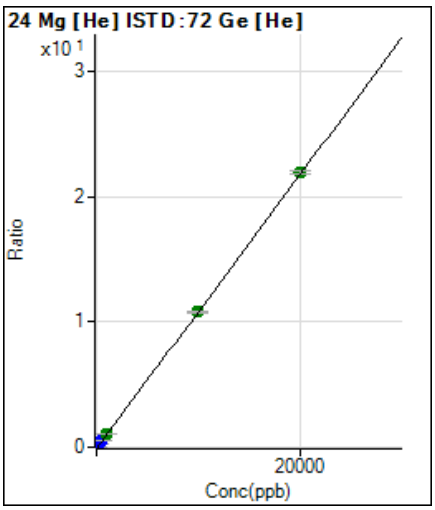


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	188470.28	0.1001	P	2.4	
2	☐	200.000	199.907	811520.53	0.4360	P	2.4	0.0
3	☐	500.000	488.585	1688451.48	0.9210	A	2.2	-2.3
4	☐	1000.000	976.529	3177749.43	1.7409	A	2.6	-2.3
5	☐	10000.00	9877.366	30348412.05	16.6961	A	1.1	-1.2
6	☐	20000.00	20062.77	60052135.77	33.8096	A	0.7	0.3
7	☐	100.000						

y = 0.0017 * x + 0.1001
R = 1.0000
DL = 4.288 ppb
BEC = 59.58 ppb

Weight: <None>
Min Conc: <None>

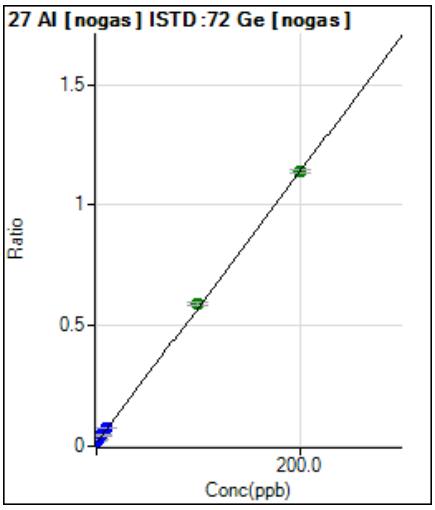
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4583.96	0.0024	P	4.2	
2	☐	200.000	205.439	423023.59	0.2272	P	1.2	2.7
3	☐	500.000	510.647	1028742.38	0.5612	P	2.2	2.1
4	☐	1000.000	986.325	1974788.62	1.0817	A	1.6	-1.4
5	☐	10000.00	9877.896	19651084.29	10.8111	A	1.3	-1.2
6	☐	20000.00	20061.41	38994151.92	21.9542	A	1.3	0.3
7	☐	100.000						

y = 0.0011 * x + 0.0024
R = 1.0000
DL = 0.2794 ppb
BEC = 2.225 ppb

Weight: <None>
Min Conc: <None>

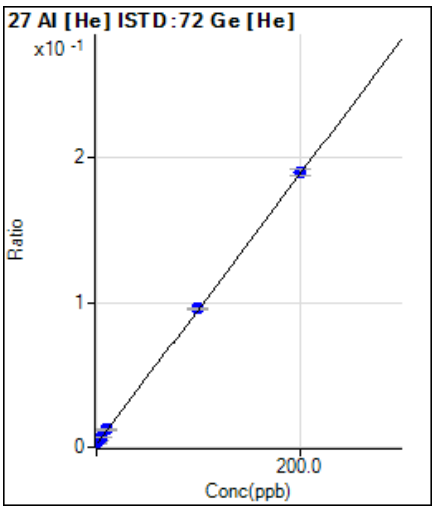


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	71123.08	0.0190	P	3.2	
2	☐	2.000	1.942	111920.48	0.0299	P	0.9	-2.9
3	☐	5.000	4.792	172757.37	0.0460	P	10.2	-4.2
4	☐	10.000	10.469	291237.01	0.0780	P	0.8	4.7
5	☐	100.000	101.748	2160902.73	0.5923	A	1.7	1.7
6	☐	200.000	199.108	4129632.65	1.1408	A	1.7	-0.4
7	☐	1.000						

y = 0.0056 * x + 0.0190
R = 0.9999
DL = 0.3192 ppb
BEC = 3.373 ppb

Weight: <None>
Min Conc: <None>

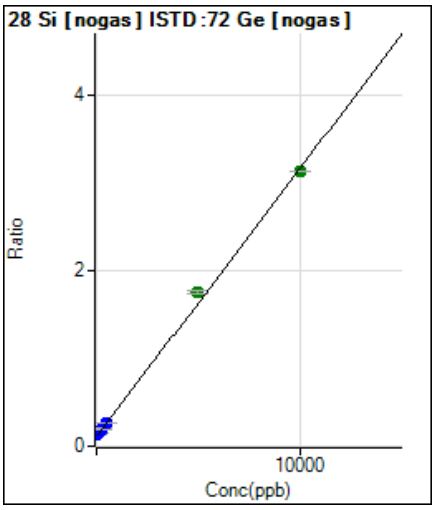
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5410.85	0.0029	P	3.0	
2	☐	2.000	1.807	8485.38	0.0046	P	6.3	-9.6
3	☐	5.000	4.560	13067.99	0.0071	P	3.6	-8.8
4	☐	10.000	9.853	22043.00	0.0121	P	2.6	-1.5
5	☐	100.000	99.449	173978.34	0.0957	P	1.0	-0.6
6	☐	200.000	200.296	337194.50	0.1899	P	2.1	0.1
7	☐	1.000						

y = 9.3356E-004 * x + 0.0029
R = 1.0000
DL = 0.2747 ppb
BEC = 3.078 ppb

Weight: <None>
Min Conc: <None>

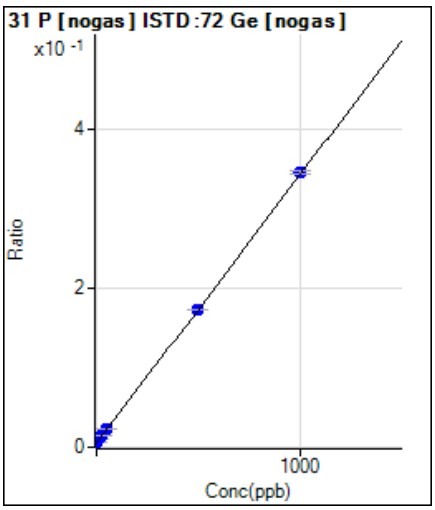


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	465589.44	0.1244	P	2.3	
2	☐	100.000	87.389	564799.68	0.1511	P	1.3	-12.
3	☐	250.000	218.496	719063.89	0.1912	P	7.9	-12.
4	☐	500.000	471.635	1003282.88	0.2687	P	0.2	-5.7
5	☐	5000.000	5325.150	6398100.95	1.7532	A	2.2	6.5
6	☐	10000.00	9839.757	11346065.66	3.1341	A	0.4	-1.6
7	☐	50.000						

y = 3.0588E-004 * x + 0.1244
R = 0.9992
DL = 27.62 ppb
BEC = 406.7 ppb

Weight: <None>
Min Conc: <None>

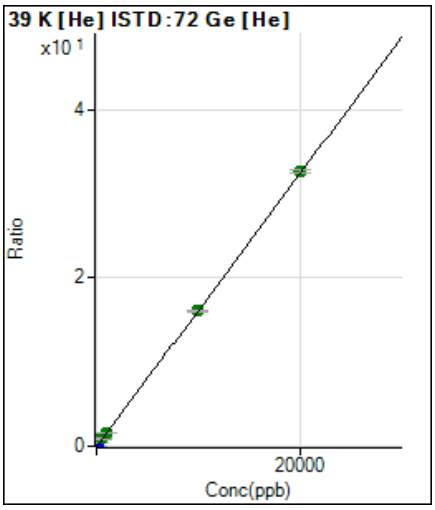
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	26271.75	0.0070	P	0.5	
2	☐	10.000	9.421	38095.10	0.0102	P	1.6	-5.8
3	☐	25.000	23.395	56029.52	0.0149	P	8.7	-6.4
4	☐	50.000	49.125	88067.02	0.0236	P	2.1	-1.8
5	☐	500.000	491.897	630821.76	0.1729	P	0.5	-1.6
6	☐	1000.000	1004.141	1251184.15	0.3456	P	1.2	0.4
7	☐	5.000						

y = 3.3721E-004 * x + 0.0070
R = 1.0000
DL = 0.3296 ppb
BEC = 20.81 ppb

Weight: <None>
Min Conc: <None>

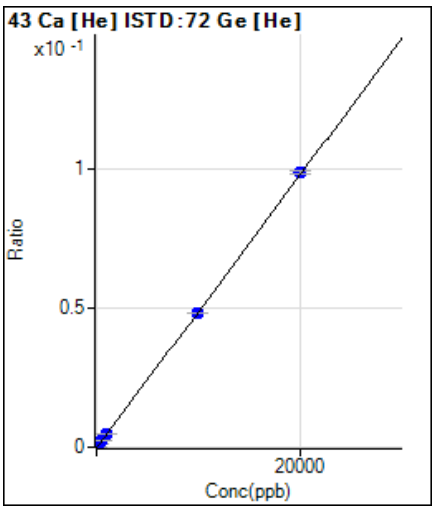


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	148707.58	0.0790	P	2.6	
2	☐	200.000	203.436	762456.94	0.4096	P	1.1	1.7
3	☐	500.000	498.310	1629382.42	0.8887	A	1.3	-0.3
4	☐	1000.000	970.795	3023998.19	1.6564	A	1.3	-2.9
5	☐	10000.00	9858.388	29260282.07	16.0980	A	1.2	-1.4
6	☐	20000.00	20072.27	58068680.80	32.6947	A	1.3	0.4
7	☐	100.000						

y = 0.0016 * x + 0.0790
R = 1.0000
DL = 3.841 ppb
BEC = 48.61 ppb

Weight: <None>
Min Conc: <None>

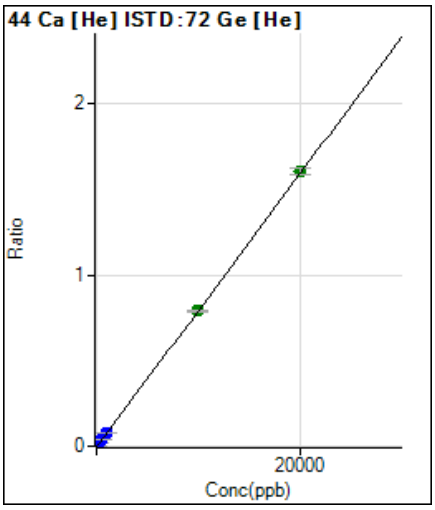
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	303.34	0.0002	P	11.8	
2	☐	200.000	169.409	1850.13	0.0010	P	2.6	-15.
3	☐	500.000	462.740	4463.93	0.0024	P	2.1	-7.5
4	☐	1000.000	962.242	8925.60	0.0049	P	1.1	-3.8
5	☐	10000.00	9811.602	87911.94	0.0484	P	0.5	-1.9
6	☐	20000.00	20097.32	175664.55	0.0989	P	0.8	0.5
7	☐	100.000						

y = 4.9129E-006 * x + 1.6114E-004
R = 0.9999
DL = 11.6 ppb
BEC = 32.8 ppb

Weight: <None>
Min Conc: <None>

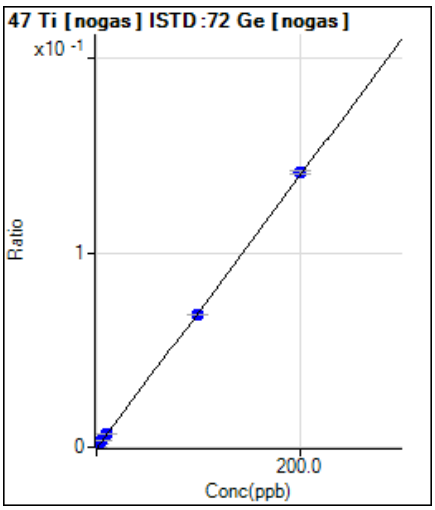


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3653.76	0.0019	P	10.6	
2	☐	200.000	197.924	33082.84	0.0178	P	1.9	-1.0
3	☐	500.000	494.653	76094.42	0.0415	P	1.9	-1.1
4	☐	1000.000	981.533	146873.49	0.0805	P	0.6	-1.8
5	☐	10000.00	9859.991	1437064.09	0.7906	A	1.4	-1.4
6	☐	20000.00	20071.08	2855224.33	1.6073	A	2.5	0.4
7	☐	100.000						

y = 7.9986E-005 * x + 0.0019
R = 1.0000
DL = 7.732 ppb
BEC = 24.27 ppb

Weight: <None>
Min Conc: <None>

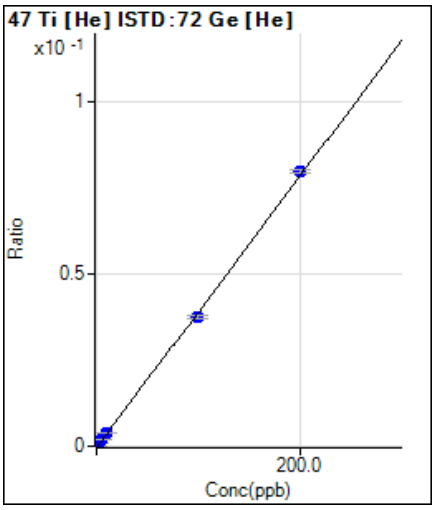
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	116.67	0.0000	P	21.2	
2	☐	2.000	1.867	5014.08	0.0013	P	2.7	-6.6
3	☐	5.000	4.672	12457.61	0.0033	P	6.5	-6.6
4	☐	10.000	9.537	25110.56	0.0067	P	2.0	-4.6
5	☐	100.000	97.317	249307.26	0.0683	P	0.3	-2.7
6	☐	200.000	201.374	511694.50	0.1414	P	1.2	0.7
7	☐	1.000						

y = 7.0178E-004 * x + 3.1234E-005
R = 0.9999
DL = 0.02825 ppb
BEC = 0.04451 ppb

Weight: <None>
Min Conc: <None>

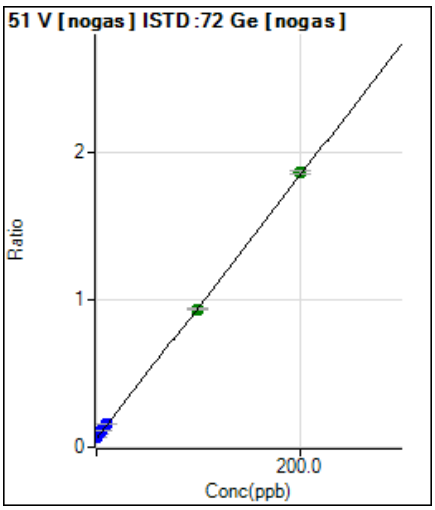


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	16.67	0.0000	P	91.4	
2	☐	2.000	2.055	1523.42	0.0008	P	11.8	2.7
3	☐	5.000	4.636	3363.69	0.0018	P	8.7	-7.3
4	☐	10.000	9.683	6984.78	0.0038	P	3.9	-3.2
5	☐	100.000	95.163	68224.38	0.0375	P	3.3	-4.8
6	☐	200.000	202.443	141807.17	0.0798	P	0.9	1.2
7	☐	1.000						

y = 3.9432E-004 * x + 8.8752E-006
R = 0.9996
DL = 0.06174 ppb
BEC = 0.02251 ppb

Weight: <None>
Min Conc: <None>

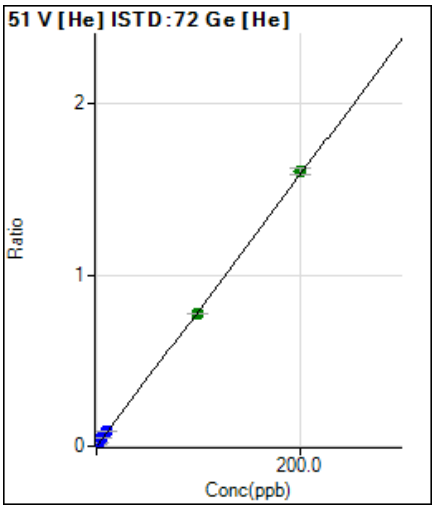
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	252482.59	0.0674	P	1.0	
2	☐	2.000	2.089	321671.93	0.0861	P	1.8	4.4
3	☐	5.000	5.016	421729.56	0.1122	P	8.0	0.3
4	☐	10.000	10.379	597480.69	0.1600	P	0.4	3.8
5	☐	100.000	97.282	3410927.97	0.9349	A	1.5	-2.7
6	☐	200.000	201.339	6743278.02	1.8627	A	0.8	0.7
7	☐	1.000						

y = 0.0089 * x + 0.0674
R = 0.9999
DL = 0.2286 ppb
BEC = 7.564 ppb

Weight: <None>
Min Conc: <None>

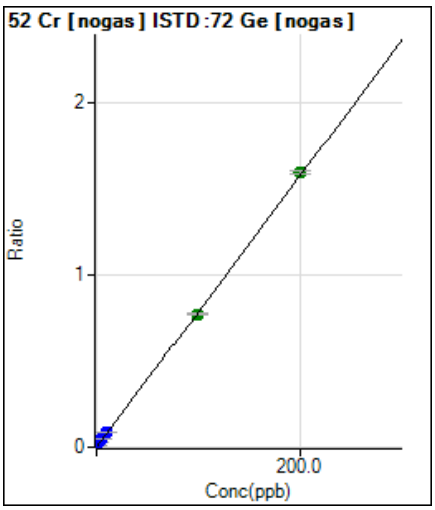


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	12135.10	0.0064	P	0.5	
2	☐	2.000	1.993	41421.37	0.0222	P	1.3	-0.3
3	☐	5.000	4.978	84171.87	0.0459	P	2.1	-0.4
4	☐	10.000	9.940	155662.68	0.0853	P	1.4	-0.6
5	☐	100.000	96.793	1407023.17	0.7740	A	0.7	-3.2
6	☐	200.000	201.607	2851505.02	1.6052	A	2.4	0.8
7	☐	1.000						

y = 0.0079 * x + 0.0064
R = 0.9998
DL = 0.01252 ppb
BEC = 0.8127 ppb

Weight: <None>
Min Conc: <None>

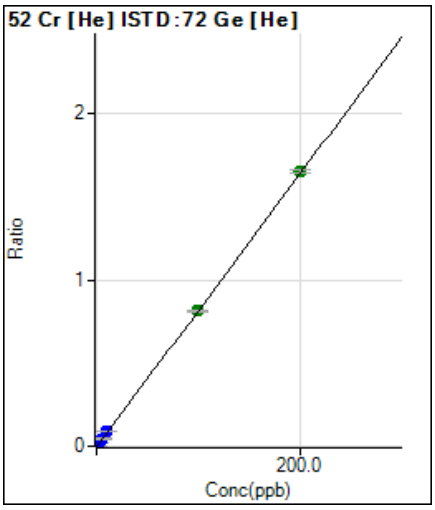
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	29006.19	0.0077	P	1.3	
2	☐	2.000	2.174	92917.54	0.0249	P	1.6	8.7
3	☐	5.000	5.036	178191.64	0.0474	P	7.8	0.7
4	☐	10.000	10.239	329929.48	0.0883	P	0.2	2.4
5	☐	100.000	96.765	2807518.92	0.7695	A	1.4	-3.2
6	☐	200.000	201.603	5772862.62	1.5947	A	1.1	0.8
7	☐	1.000						

y = 0.0079 * x + 0.0077
R = 0.9998
DL = 0.03808 ppb
BEC = 0.9843 ppb

Weight: <None>
Min Conc: <None>

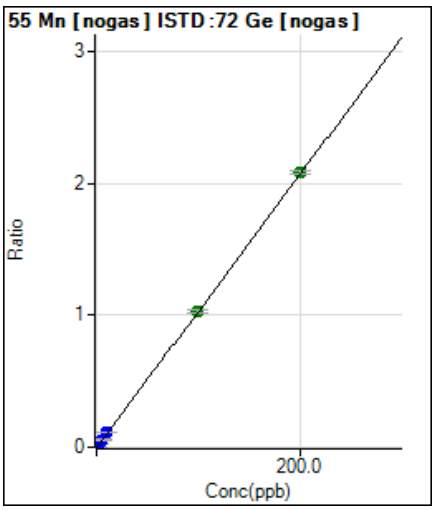


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4647.32	0.0025	P	7.0	
2	☐	2.000	2.089	36549.52	0.0196	P	3.1	4.4
3	☐	5.000	5.083	81099.22	0.0442	P	3.6	1.7
4	☐	10.000	10.216	157823.13	0.0864	P	0.7	2.2
5	☐	100.000	98.451	1475373.94	0.8117	A	1.4	-1.5
6	☐	200.000	200.761	2935414.64	1.6527	A	1.7	0.4
7	☐	1.000						

y = 0.0082 * x + 0.0025
R = 1.0000
DL = 0.063 ppb
BEC = 0.3003 ppb

Weight: <None>
Min Conc: <None>

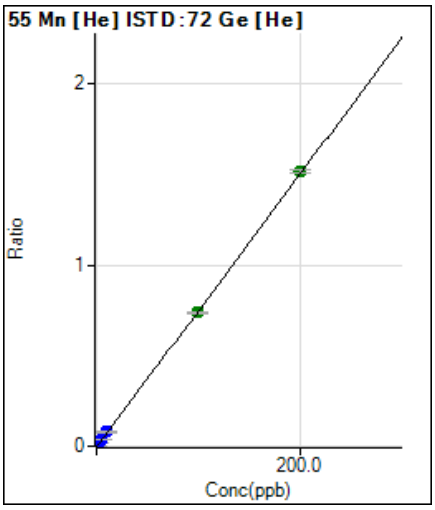
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	14685.99	0.0039	P	4.9	
2	☐	2.000	2.162	98403.37	0.0263	P	1.1	8.1
3	☐	5.000	4.961	207887.85	0.0553	P	9.5	-0.8
4	☐	10.000	10.182	408725.14	0.1095	P	1.0	1.8
5	☐	100.000	98.993	3757269.32	1.0299	A	2.3	-1.0
6	☐	200.000	200.494	7536424.68	2.0818	A	1.8	0.2
7	☐	1.000						

y = 0.0104 * x + 0.0039
R = 1.0000
DL = 0.05595 ppb
BEC = 0.3788 ppb

Weight: <None>
Min Conc: <None>

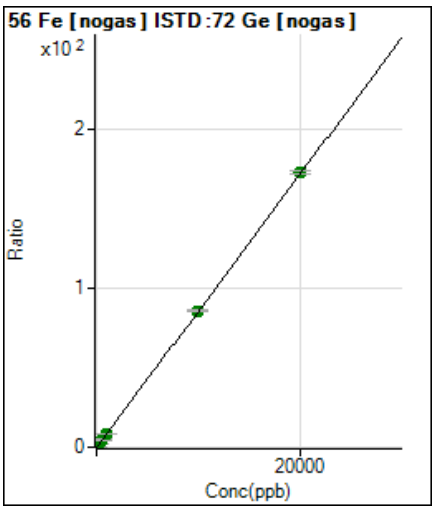


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3667.09	0.0019	P	5.9	
2	☐	2.000	2.130	33507.21	0.0180	P	1.3	6.5
3	☐	5.000	4.899	71263.55	0.0389	P	2.5	-2.0
4	☐	10.000	10.131	142946.77	0.0783	P	2.8	1.3
5	☐	100.000	97.807	1343651.44	0.7392	A	0.9	-2.2
6	☐	200.000	201.091	2696001.00	1.5178	A	0.8	0.5
7	☐	1.000						

y = 0.0075 * x + 0.0019
R = 0.9999
DL = 0.04607 ppb
BEC = 0.2583 ppb

Weight: <None>
Min Conc: <None>

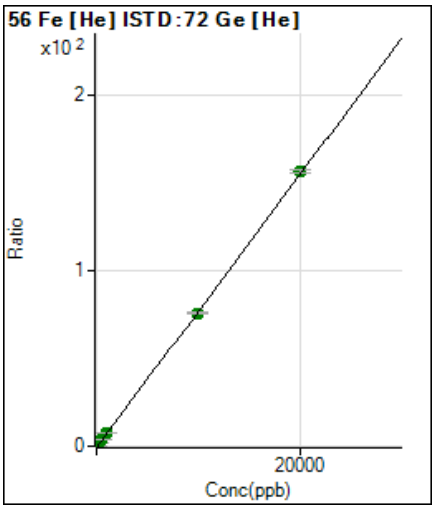
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1813688.51	0.4846	A	1.9	
2	☐	200.000	197.039	8147485.71	2.1801	A	0.7	-1.5
3	☐	500.000	474.227	17156191.41	4.5653	A	8.9	-5.2
4	☐	1000.000	954.359	32476822.02	8.6969	A	0.5	-4.6
5	☐	10000.00	9927.870	313481661.9	85.9144	A	0.4	-0.7
6	☐	20000.00	20039.02	625996644.0	172.921	A	0.7	0.2
7	☐	100.000						

y = 0.0086 * x + 0.4846
R = 1.0000
DL = 3.156 ppb
BEC = 56.31 ppb

Weight: <None>
Min Conc: <None>

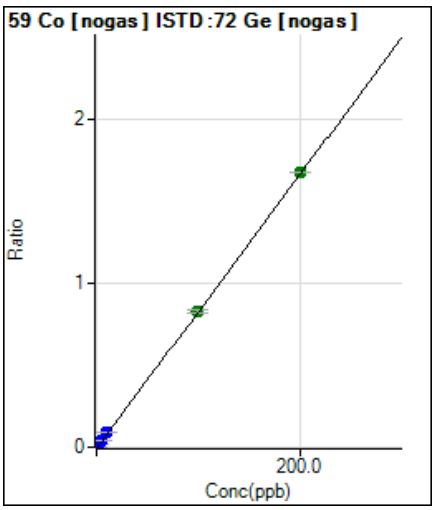


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	46819.28	0.0249	P	2.1	
2	☐	200.000	197.803	2914062.45	1.5654	A	1.4	-1.1
3	☐	500.000	483.119	6942780.52	3.7874	A	2.2	-3.4
4	☐	1000.000	973.734	13889611.87	7.6083	A	1.1	-2.6
5	☐	10000.00	9739.356	137918637.9	75.8750	A	0.7	-2.6
6	☐	20000.00	20132.07	278527215.8	156.813	A	0.9	0.7
7	☐	100.000						

y = 0.0078 * x + 0.0249
R = 0.9999
DL = 0.2008 ppb
BEC = 3.193 ppb

Weight: <None>
Min Conc: <None>

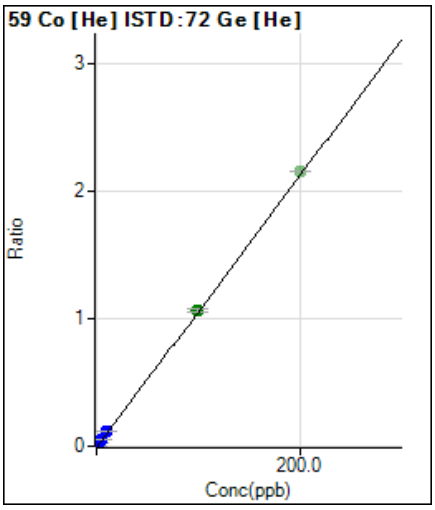
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	476.68	0.0001	P	32.8	
2	☐	2.000	2.071	65027.49	0.0174	P	1.0	3.5
3	☐	5.000	5.113	160691.52	0.0428	P	9.4	2.3
4	☐	10.000	10.314	321751.35	0.0862	P	0.3	3.1
5	☐	100.000	98.888	3009659.33	0.8249	A	2.4	-1.1
6	☐	200.000	200.537	6055671.99	1.6728	A	0.5	0.3
7	☐	1.000						

y = 0.0083 * x + 1.2673E-004
R = 1.0000
DL = 0.01495 ppb
BEC = 0.01519 ppb

Weight: <None>
Min Conc: <None>

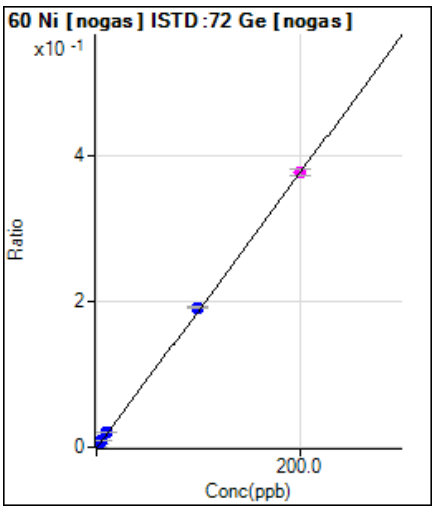


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	290.01	0.0002	P	9.8	
2	☐	2.000	2.086	41613.82	0.0224	P	1.9	4.3
3	☐	5.000	5.188	101533.77	0.0554	P	1.4	3.8
4	☐	10.000	10.468	203698.75	0.1116	P	2.0	4.7
5	☐	100.000	99.942	1934035.23	1.0641	A	2.1	-0.1
6	☑	200.000		3821830.98	2.1515	A	0.6	
7	☐	1.000						

y = 0.0106 * x + 1.5409E-004
R = 1.0000
DL = 0.00426 ppb
BEC = 0.01447 ppb

Weight: <None>
Min Conc: <None>

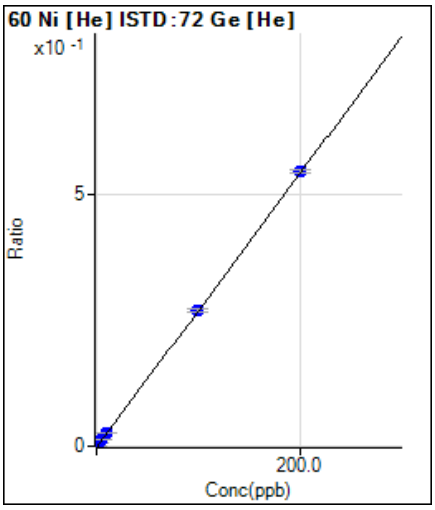
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1273.40	0.0003	P	5.4	
2	☐	2.000	2.044	15680.19	0.0042	P	2.0	2.2
3	☐	5.000	4.959	36459.69	0.0097	P	8.1	-0.8
4	☐	10.000	10.203	73157.93	0.0196	P	0.2	2.0
5	☐	100.000	101.136	697439.91	0.1911	P	0.9	1.1
6	☐	200.000	199.422	1363171.02	0.3766	M	2.0	-0.3
7	☐	1.000						

y = 0.0019 * x + 3.4036E-004
R = 1.0000
DL = 0.02908 ppb
BEC = 0.1804 ppb

Weight: <None>
Min Conc: <None>

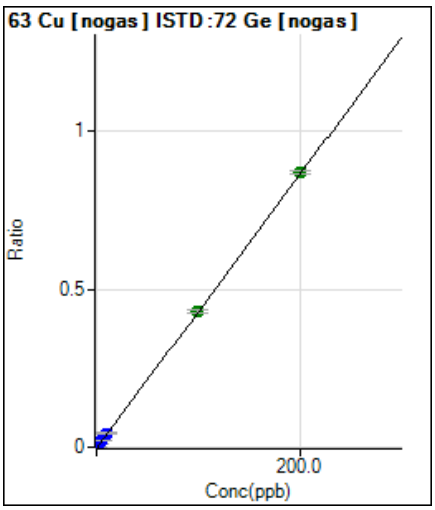


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	640.02	0.0003	P	11.7	
2	☐	2.000	2.058	11056.79	0.0059	P	3.1	2.9
3	☐	5.000	4.899	25064.02	0.0137	P	3.0	-2.0
4	☐	10.000	10.069	50649.60	0.0277	P	0.9	0.7
5	☐	100.000	98.857	489603.40	0.2694	P	2.2	-1.1
6	☐	200.000	200.570	970100.11	0.5462	P	1.1	0.3
7	☐	1.000						

y = 0.0027 * x + 3.4012E-004
R = 1.0000
DL = 0.04388 ppb
BEC = 0.125 ppb

Weight: <None>
Min Conc: <None>

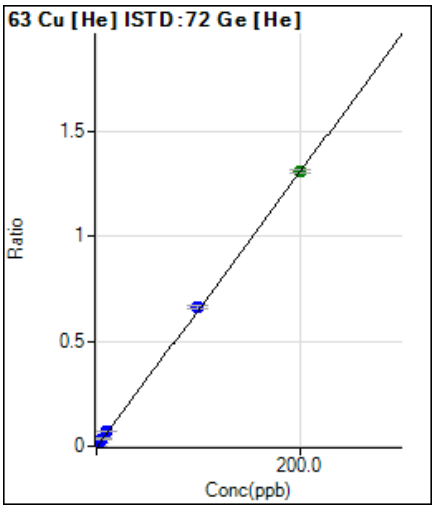
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1506.75	0.0004	P	6.7	
2	☐	2.000	2.122	35948.79	0.0096	P	0.9	6.1
3	☐	5.000	5.052	84013.86	0.0223	P	8.2	1.0
4	☐	10.000	10.152	166195.11	0.0445	P	0.7	1.5
5	☐	100.000	99.118	1572261.59	0.4310	A	2.5	-0.9
6	☐	200.000	200.431	3153130.16	0.8710	A	0.8	0.2
7	☐	1.000						

y = 0.0043 * x + 4.0276E-004
R = 1.0000
DL = 0.01864 ppb
BEC = 0.09272 ppb

Weight: <None>
Min Conc: <None>

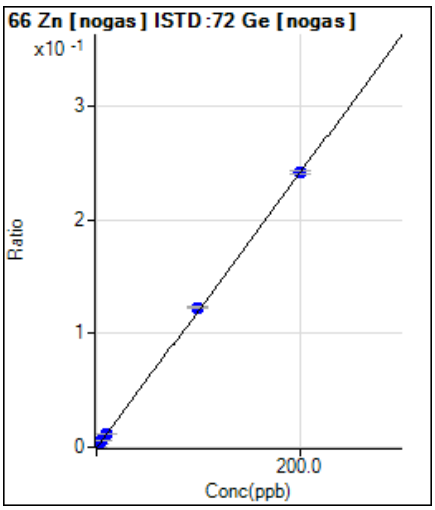


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1060.05	0.0006	P	14.0	
2	☐	2.000	2.090	26542.72	0.0143	P	2.4	4.5
3	☐	5.000	5.297	64676.83	0.0353	P	2.6	5.9
4	☐	10.000	10.242	123591.89	0.0677	P	0.5	2.4
5	☐	100.000	101.064	1205060.61	0.6630	P	1.7	1.1
6	☐	200.000	199.448	2323066.84	1.3079	A	1.0	-0.3
7	☐	1.000						

y = 0.0066 * x + 5.6308E-004
R = 1.0000
DL = 0.03618 ppb
BEC = 0.0859 ppb

Weight: <None>
Min Conc: <None>

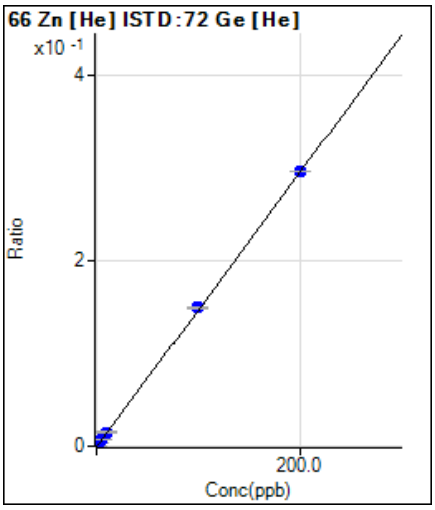
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1720.12	0.0005	P	1.3	
2	☐	2.000	1.939	10496.50	0.0028	P	5.7	-3.0
3	☐	5.000	4.626	22794.35	0.0061	P	8.5	-7.5
4	☐	10.000	9.704	45620.13	0.0122	P	1.6	-3.0
5	☐	100.000	101.284	449452.53	0.1232	P	0.8	1.3
6	☐	200.000	199.383	876228.74	0.2420	P	0.8	-0.3
7	☐	1.000						

y = 0.0012 * x + 4.5953E-004
R = 1.0000
DL = 0.01451 ppb
BEC = 0.3793 ppb

Weight: <None>
Min Conc: <None>

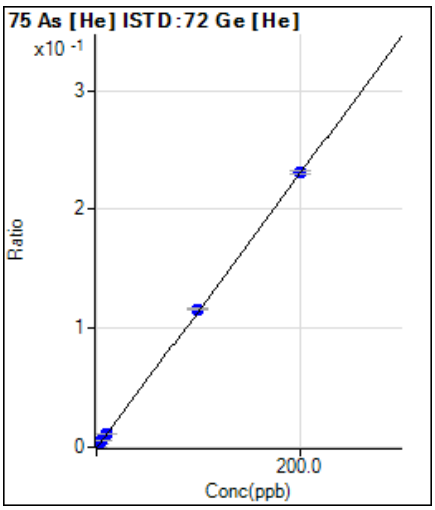


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1000.05	0.0005	P	13.9	
2	☐	2.000	1.961	6391.20	0.0034	P	5.1	-2.0
3	☐	5.000	4.916	14315.74	0.0078	P	2.5	-1.7
4	☐	10.000	9.786	27414.06	0.0150	P	3.4	-2.1
5	☐	100.000	100.640	271780.36	0.1495	P	0.9	0.6
6	☐	200.000	199.693	526055.35	0.2962	P	0.5	-0.2
7	☐	1.000						

y = 0.0015 * x + 5.3137E-004
R = 1.0000
DL = 0.1494 ppb
BEC = 0.3589 ppb

Weight: <None>
Min Conc: <None>

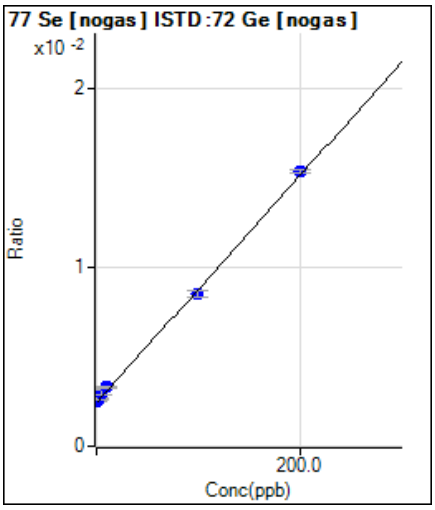
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	513.34	0.0003	P	3.5	
2	☐	2.000	2.050	4916.24	0.0026	P	3.1	2.5
3	☐	5.000	4.874	10824.35	0.0059	P	2.0	-2.5
4	☐	10.000	9.747	21059.94	0.0115	P	0.9	-2.5
5	☐	100.000	100.173	210887.04	0.1160	P	1.7	0.2
6	☐	200.000	199.929	410847.54	0.2313	P	0.7	0.0
7	☐	1.000						

y = 0.0012 * x + 2.7259E-004
R = 1.0000
DL = 0.02473 ppb
BEC = 0.2359 ppb

Weight: <None>
Min Conc: <None>

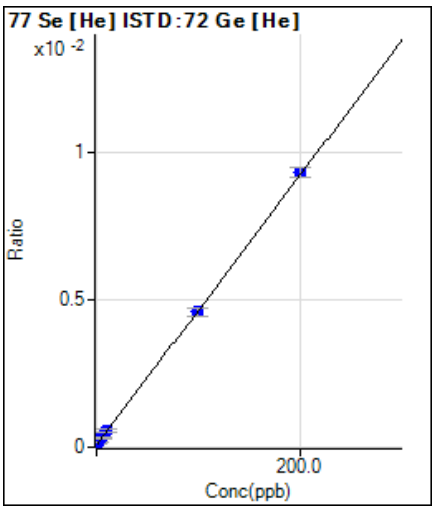


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	9435.95	0.0025	P	3.7	
2	☐	2.000	1.688	9822.82	0.0026	P	3.1	-15.
3	☐	5.000	7.556	11283.63	0.0030	P	8.4	51.1
4	☐	10.000	12.343	12344.41	0.0033	P	4.4	23.4
5	☐	100.000	94.507	31113.64	0.0085	P	3.5	-5.5
6	☐	200.000	202.568	55738.89	0.0154	P	1.1	1.3
7	☐	1.000						

y = 6.3566E-005 * x + 0.0025
R = 0.9993
DL = 4.418 ppb
BEC = 39.65 ppb

Weight: <None>
Min Conc: <None>

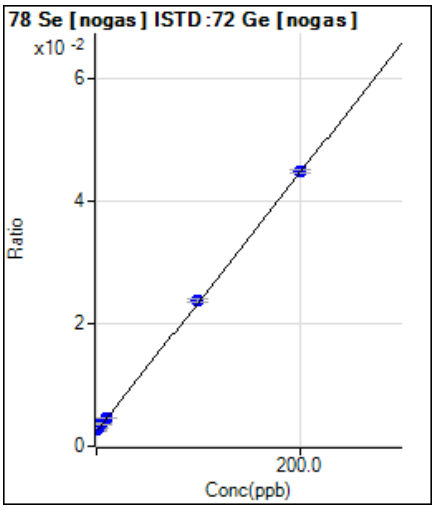
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	226.67	0.0001	P	19.2	
2	☐	2.000	1.045	313.34	0.0002	P	13.7	-47.
3	☐	5.000	4.688	613.36	0.0003	P	15.9	-6.2
4	☐	10.000	9.925	1046.71	0.0006	P	17.0	-0.8
5	☐	100.000	97.779	8342.00	0.0046	P	5.7	-2.2
6	☐	200.000	201.131	16551.03	0.0093	P	3.6	0.6
7	☐	1.000						

y = 4.5721E-005 * x + 1.2027E-004
R = 0.9999
DL = 1.513 ppb
BEC = 2.631 ppb

Weight: <None>
Min Conc: <None>

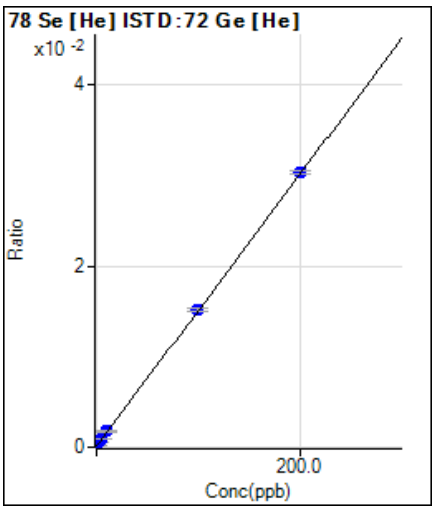


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	9719.47	0.0026	P	6.1	
2	☐	2.000	1.896	11196.93	0.0030	P	3.6	-5.2
3	☐	5.000	5.171	13868.77	0.0037	P	8.0	3.4
4	☐	10.000	9.273	17008.14	0.0046	P	2.3	-7.3
5	☐	100.000	100.104	86635.17	0.0237	P	2.0	0.1
6	☐	200.000	199.981	162347.04	0.0448	P	1.1	0.0
7	☐	1.000						

y = 2.1128E-004 * x + 0.0026
R = 1.0000
DL = 2.251 ppb
BEC = 12.29 ppb

Weight: <None>
Min Conc: <None>

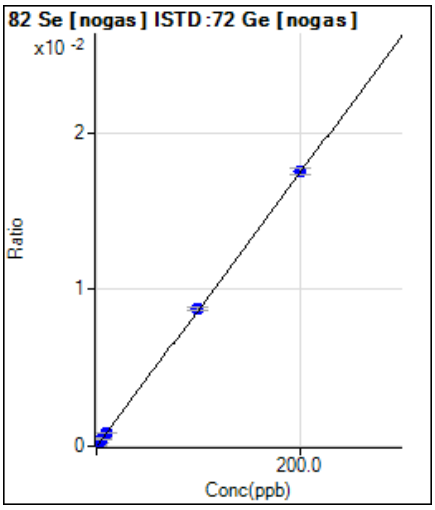
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	480.68	0.0003	P	4.3	
2	☐	2.000	2.090	1060.70	0.0006	P	1.7	4.5
3	☐	5.000	4.700	1762.76	0.0010	P	5.8	-6.0
4	☐	10.000	10.011	3214.96	0.0018	P	2.6	0.1
5	☐	100.000	99.315	27605.48	0.0152	P	2.4	-0.7
6	☐	200.000	200.348	53960.64	0.0304	P	0.9	0.2
7	☐	1.000						

y = 1.5036E-004 * x + 2.5534E-004
R = 1.0000
DL = 0.2207 ppb
BEC = 1.698 ppb

Weight: <None>
Min Conc: <None>

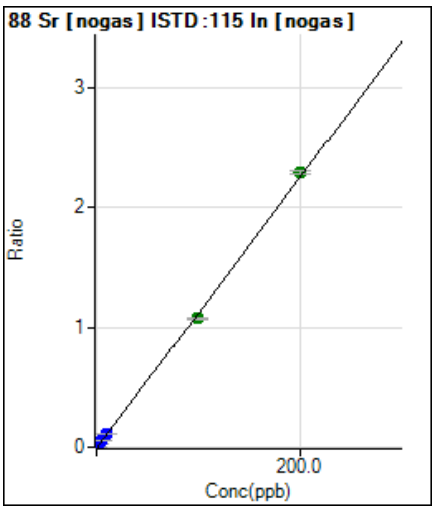


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	226.67	0.0001	P	25.7	
2	☐	2.000	2.015	883.38	0.0002	P	5.3	0.8
3	☐	5.000	4.540	1710.12	0.0005	P	17.3	-9.2
4	☐	10.000	9.068	3180.34	0.0009	P	1.5	-9.3
5	☐	100.000	99.860	32005.30	0.0088	P	2.6	-0.1
6	☐	200.000	200.128	63424.33	0.0175	P	1.9	0.1
7	☐	1.000						

y = 8.7242E-005 * x + 6.0495E-005
R = 1.0000
DL = 0.5349 ppb
BEC = 0.6934 ppb

Weight: <None>
Min Conc: <None>

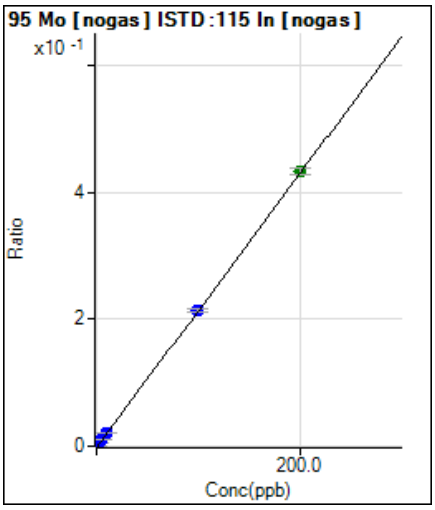
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6034.47	0.0014	P	5.0	
2	☐	2.000	1.984	100839.99	0.0238	P	1.8	-0.8
3	☐	5.000	4.817	239468.10	0.0558	P	11.8	-3.7
4	☐	10.000	9.936	477399.20	0.1137	P	2.1	-0.6
5	☐	100.000	94.585	4381448.37	1.0696	A	1.1	-5.4
6	☐	200.000	202.715	9248871.32	2.2906	A	1.2	1.4
7	☐	1.000						

y = 0.0113 * x + 0.0014
R = 0.9995
DL = 0.01896 ppb
BEC = 0.1276 ppb

Weight: <None>
Min Conc: <None>

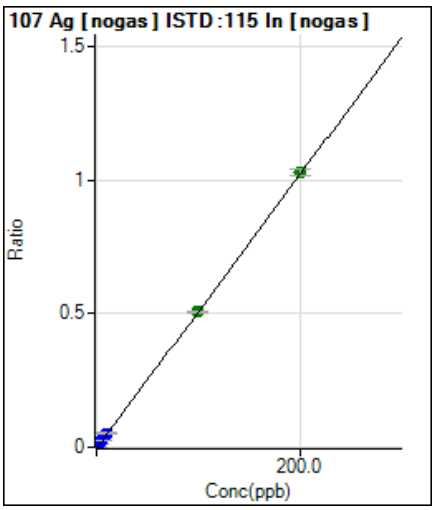


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	373.34	0.0001	P	4.1	
2	☐	2.000	1.937	18106.04	0.0043	P	3.0	-3.2
3	☐	5.000	4.804	44976.59	0.0105	P	11.0	-3.9
4	☐	10.000	9.731	88805.77	0.0211	P	2.9	-2.7
5	☐	100.000	98.963	877387.17	0.2142	P	1.7	-1.0
6	☐	200.000	200.537	1751849.82	0.4339	A	2.0	0.3
7	☐	1.000						

y = 0.0022 * x + 8.9200E-005
R = 1.0000
DL = 0.005036 ppb
BEC = 0.04123 ppb

Weight: <None>
Min Conc: <None>

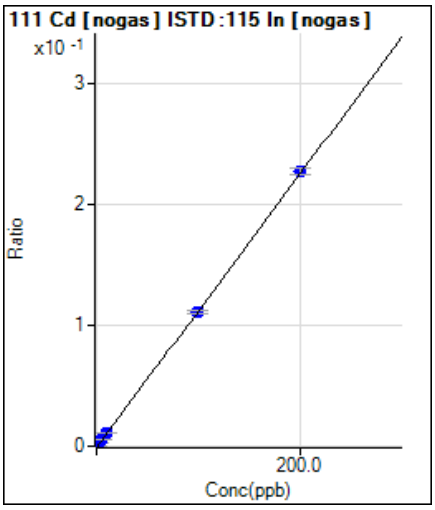
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	136.67	0.0000	P	10.0	
2	☐	2.000	2.050	44596.31	0.0105	P	2.5	2.5
3	☐	5.000	4.948	108949.07	0.0254	P	11.9	-1.0
4	☐	10.000	10.177	219288.67	0.0522	P	2.9	1.8
5	☐	100.000	98.909	2077591.69	0.5071	A	1.4	-1.1
6	☐	200.000	200.538	4150794.21	1.0282	A	2.0	0.3
7	☐	1.000						

y = 0.0051 * x + 3.2616E-005
R = 1.0000
DL = 0.001903 ppb
BEC = 0.006362 ppb

Weight: <None>
Min Conc: <None>

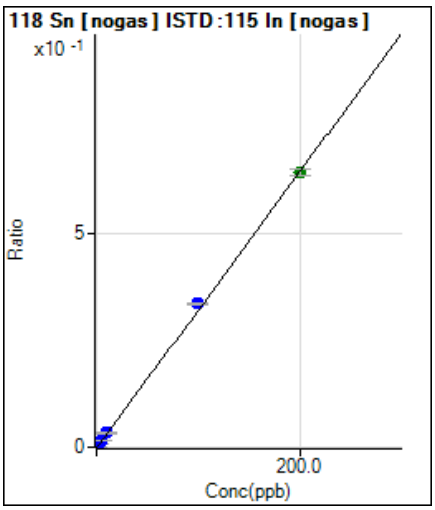


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	30.00	0.0000	P	1.3	
2	☐	2.000	1.913	9185.90	0.0022	P	3.7	-4.3
3	☐	5.000	4.709	22908.52	0.0053	P	9.9	-5.8
4	☐	10.000	9.521	45271.52	0.0108	P	2.1	-4.8
5	☐	100.000	98.253	455320.45	0.1112	P	1.9	-1.7
6	☐	200.000	200.906	917728.48	0.2273	P	1.8	0.5
7	☐	1.000						

y = 0.0011 * x + 7.1663E-006
R = 0.9999
DL = 0.0002408 ppb
BEC = 0.006335 ppb

Weight: <None>
Min Conc: <None>

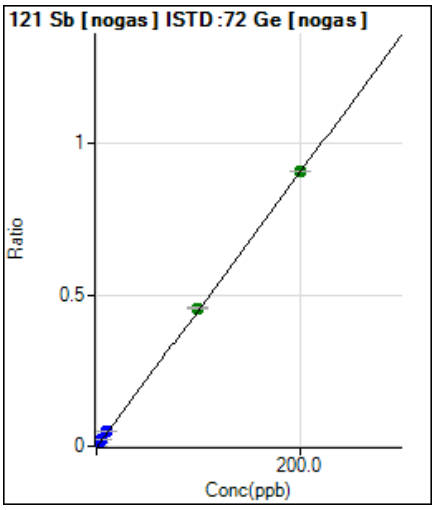
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3230.35	0.0008	P	9.8	
2	☐	2.000	2.047	31298.17	0.0074	P	4.7	2.3
3	☐	5.000	4.806	70139.85	0.0163	P	10.1	-3.9
4	☐	10.000	9.950	138561.86	0.0330	P	3.4	-0.5
5	☐	100.000	103.365	1374246.23	0.3355	P	1.9	3.4
6	☐	200.000	198.324	2596215.43	0.6430	A	2.4	-0.8
7	☐	1.000						

y = 0.0032 * x + 7.7166E-004
R = 0.9998
DL = 0.06991 ppb
BEC = 0.2383 ppb

Weight: <None>
Min Conc: <None>

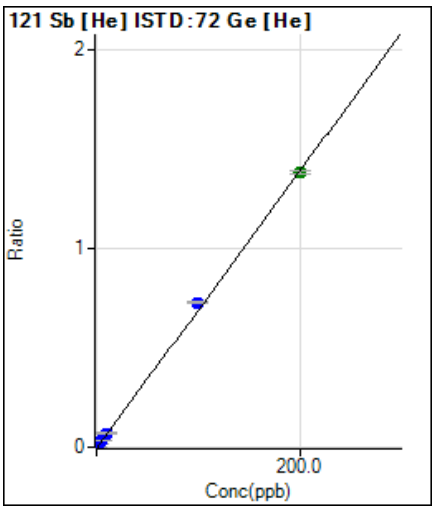


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	836.70	0.0002	P	24.5	
2	☐	2.000	2.054	35743.45	0.0096	P	1.5	2.7
3	☐	5.000	5.078	87627.97	0.0233	P	9.3	1.6
4	☐	10.000	10.306	175888.50	0.0471	P	1.9	3.1
5	☐	100.000	100.448	1667678.93	0.4571	A	0.9	0.4
6	☐	200.000	199.758	3289753.49	0.9087	A	0.4	-0.1
7	☐	1.000						

y = 0.0045 * x + 2.2331E-004
R = 1.0000
DL = 0.03609 ppb
BEC = 0.0491 ppb

Weight: <None>
Min Conc: <None>

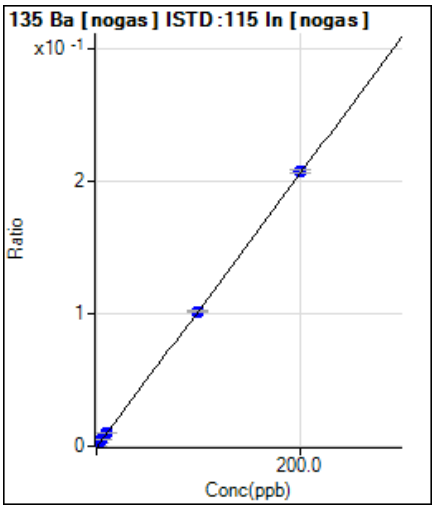
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	646.69	0.0003	P	20.2	
2	☐	2.000	1.965	26233.23	0.0141	P	3.5	-1.7
3	☐	5.000	5.094	65973.84	0.0360	P	0.7	1.9
4	☐	10.000	10.079	129335.75	0.0709	P	2.3	0.8
5	☐	100.000	104.113	1324428.73	0.7287	P	1.3	4.1
6	☐	200.000	197.938	2459905.22	1.3850	A	1.2	-1.0
7	☐	1.000						

y = 0.0070 * x + 3.4375E-004
R = 0.9997
DL = 0.02975 ppb
BEC = 0.04914 ppb

Weight: <None>
Min Conc: <None>

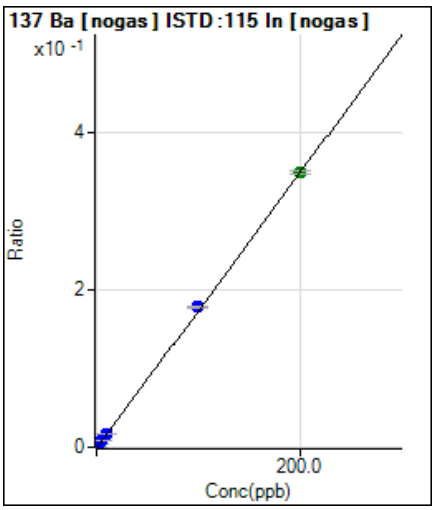


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	296.68	0.0001	P	20.8	
2	☐	2.000	1.897	8582.26	0.0020	P	3.3	-5.2
3	☐	5.000	4.568	20542.45	0.0048	P	10.8	-8.6
4	☐	10.000	9.388	41012.00	0.0098	P	2.7	-6.1
5	☐	100.000	98.388	416376.92	0.1016	P	1.0	-1.6
6	☐	200.000	200.848	837451.32	0.2074	P	1.5	0.4
7	☐	1.000						

y = 0.0010 * x + 7.0742E-005
R = 1.0000
DL = 0.04274 ppb
BEC = 0.06852 ppb

Weight: <None>
Min Conc: <None>

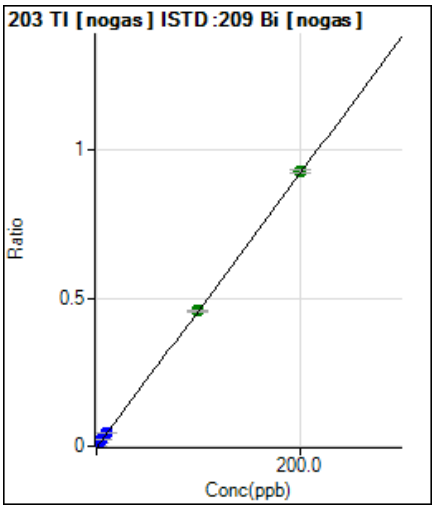
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	620.02	0.0001	P	10.5	
2	☐	2.000	1.980	15283.71	0.0036	P	1.0	-1.0
3	☐	5.000	4.709	36011.02	0.0084	P	10.7	-5.8
4	☐	10.000	9.787	72578.17	0.0173	P	2.4	-2.1
5	☐	100.000	101.448	727971.89	0.1777	P	2.1	1.4
6	☐	200.000	199.294	1408984.77	0.3490	A	1.2	-0.4
7	☐	1.000						

y = 0.0018 * x + 1.4803E-004
R = 1.0000
DL = 0.02669 ppb
BEC = 0.08457 ppb

Weight: <None>
Min Conc: <None>

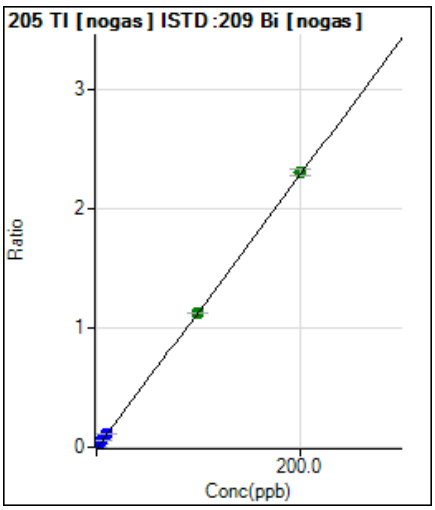


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	36.67	0.0000	P	82.0	
2	☐	2.000	1.992	33694.84	0.0092	P	4.1	-0.4
3	☐	5.000	4.937	83967.06	0.0228	P	13.1	-1.3
4	☐	10.000	10.087	169554.61	0.0467	P	1.5	0.9
5	☐	100.000	98.614	1587260.70	0.4560	A	0.7	-1.4
6	☐	200.000	200.690	3162142.77	0.9280	A	1.7	0.3
7	☐	1.000						

y = 0.0046 * x + 1.0163E-005
R = 1.0000
DL = 0.00541 ppb
BEC = 0.002198 ppb

Weight: <None>
Min Conc: <None>

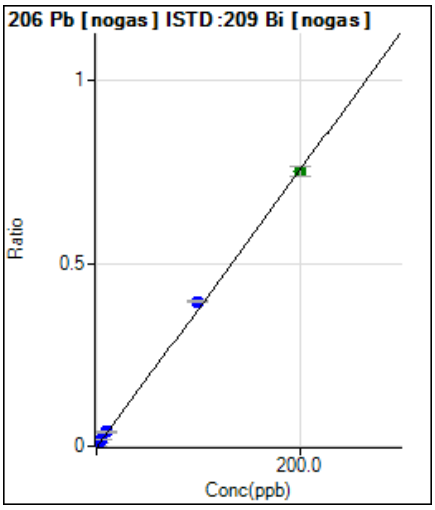
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	153.33	0.0000	P	36.5	
2	☐	2.000	1.920	80713.94	0.0221	P	3.4	-4.0
3	☐	5.000	4.705	199079.16	0.0541	P	11.0	-5.9
4	☐	10.000	9.654	403028.77	0.1109	P	2.1	-3.5
5	☐	100.000	98.089	3920566.61	1.1264	A	0.1	-1.9
6	☐	200.000	200.981	7863758.01	2.3078	A	1.8	0.5
7	☐	1.000						

y = 0.0115 * x + 4.2990E-005
R = 0.9999
DL = 0.0041 ppb
BEC = 0.003744 ppb

Weight: <None>
Min Conc: <None>

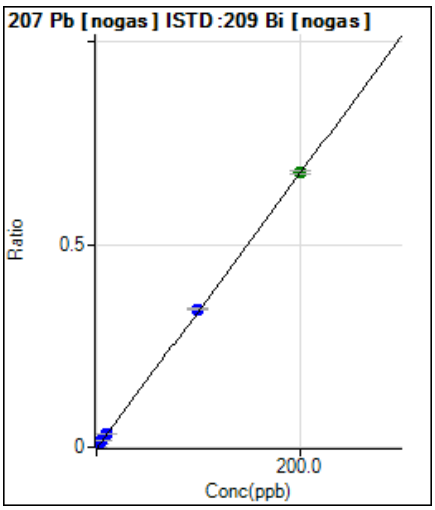


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	263.34	0.0001	P	19.3	
2	☐	2.000	2.007	28104.43	0.0077	P	3.9	0.3
3	☐	5.000	4.964	69660.72	0.0189	P	10.3	-0.7
4	☐	10.000	10.138	140102.80	0.0385	P	2.6	1.4
5	☐	100.000	104.049	1374789.56	0.3950	P	1.2	4.0
6	☐	200.000	197.970	2560254.75	0.7514	A	3.4	-1.0
7	☐	1.000						

y = 0.0038 * x + 7.3641E-005
R = 0.9997
DL = 0.01126 ppb
BEC = 0.0194 ppb

Weight: <None>
Min Conc: <None>

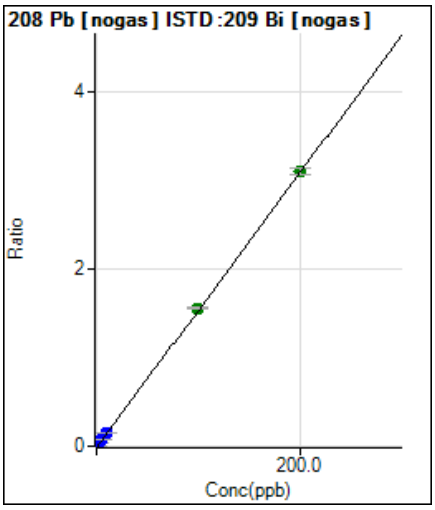
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	183.33	0.0001	P	12.6	
2	☐	2.000	1.954	24458.58	0.0067	P	2.8	-2.3
3	☐	5.000	4.828	60605.27	0.0165	P	10.7	-3.4
4	☐	10.000	9.981	123444.58	0.0340	P	2.9	-0.2
5	☐	100.000	100.449	1188177.27	0.3414	P	2.1	0.4
6	☐	200.000	199.781	2313443.66	0.6789	A	1.2	-0.1
7	☐	1.000						

y = 0.0034 * x + 5.1341E-005
R = 1.0000
DL = 0.005705 ppb
BEC = 0.01511 ppb

Weight: <None>
Min Conc: <None>

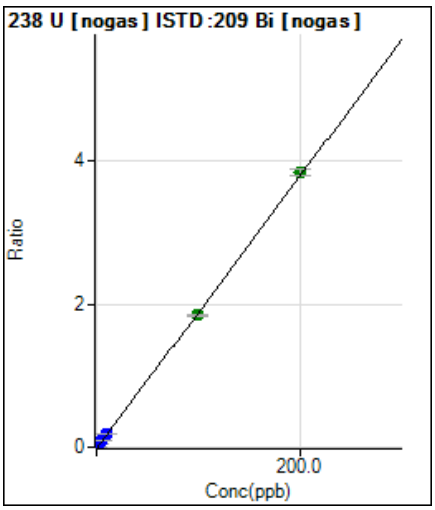


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	923.36	0.0003	P	10.3	
2	☐	2.000	1.983	113238.61	0.0310	P	2.9	-0.9
3	☐	5.000	4.844	277212.59	0.0753	P	11.3	-3.1
4	☐	10.000	9.961	561842.22	0.1546	P	1.9	-0.4
5	☐	100.000	100.141	5401154.82	1.5518	A	1.4	0.1
6	☐	200.000	199.936	10555465.83	3.0980	A	2.6	0.0
7	☐	1.000						

y = 0.0155 * x + 2.5826E-004
R = 1.0000
DL = 0.005175 ppb
BEC = 0.01667 ppb

Weight: <None>
Min Conc: <None>

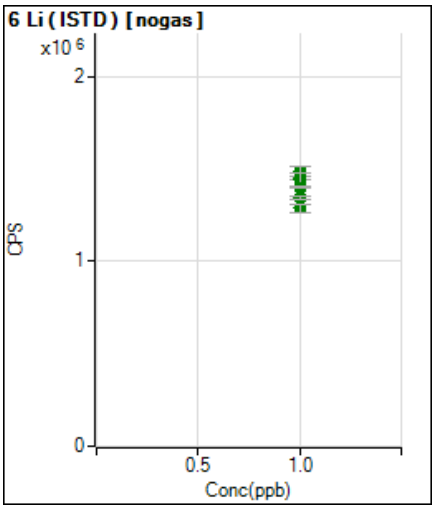
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	153.33	0.0000	P	30.1	
2	☐	2.000	1.880	130992.33	0.0358	P	2.1	-6.0
3	☐	5.000	4.599	322290.61	0.0876	P	12.1	-8.0
4	☐	10.000	9.508	658088.31	0.1811	P	2.3	-4.9
5	☐	100.000	96.749	6412535.53	1.8422	A	1.8	-3.3
6	☐	200.000	201.661	13082998.97	3.8398	A	2.4	0.8
7	☐	1.000						

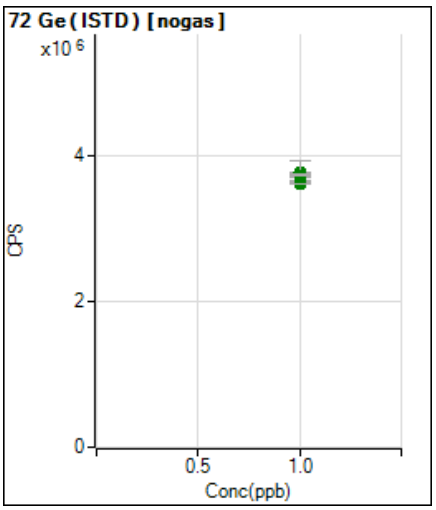
y = 0.0190 * x + 4.2883E-005
R = 0.9998
DL = 0.002031 ppb
BEC = 0.002252 ppb

Weight: <None>
Min Conc: <None>

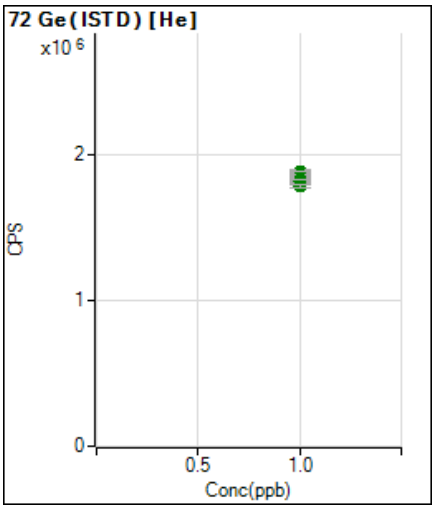


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1486114.55		A	3.3	
2	☐	1.000		1449311.29		A	1.6	
3	☐	1.000		1442735.18		A	5.1	
4	☐	1.000		1400325.65		A	0.9	
5	☐	1.000		1341898.05		A	1.4	
6	☐	1.000		1286060.19		A	3.0	
7	☐	1.000						

Calibration for 131_ICV.d

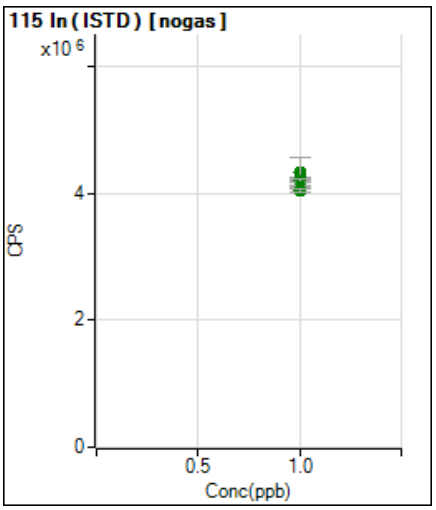


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3743903.17		A	2.2	
2	☐	1.000		3737380.57		A	1.0	
3	☐	1.000		3777194.42		A	8.6	
4	☐	1.000		3734374.11		A	0.6	
5	☐	1.000		3648854.53		A	0.9	
6	☐	1.000		3620100.47		A	0.5	
7	☐	1.000						

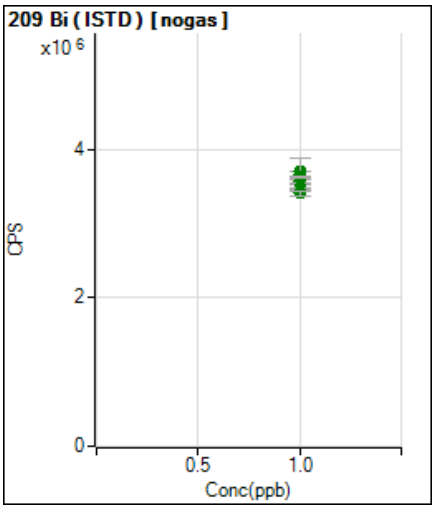


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1882878.82		A	0.8	
2	☐	1.000		1861880.70		A	1.9	
3	☐	1.000		1833723.78		A	2.3	
4	☐	1.000		1825722.01		A	1.1	
5	☐	1.000		1817745.34		A	1.0	
6	☐	1.000		1776286.28		A	1.3	
7	☐	1.000						

Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		4186680.55		A	1.3	
2	☐	1.000		4230355.72		A	1.1	
3	☐	1.000		4326134.23		A	11.1	
4	☐	1.000		4201397.47		A	1.4	
5	☐	1.000		4096717.37		A	0.8	
6	☐	1.000		4038114.27		A	1.9	
7	☐	1.000						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3575112.45		A	1.7	
2	☐	1.000		3656877.76		A	2.5	
3	☐	1.000		3708738.90		A	10.0	
4	☐	1.000		3634686.72		A	0.7	
5	☐	1.000		3480719.95		A	0.7	
6	☐	1.000		3407973.80		A	1.5	
7	☐	1.000						

Initial Calibration Verification (ICV) Report

Sample Table

Sample Name	ICCV
Data File Name	131_ICV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T14:40:15-06:00
Sample Type	ICV
Dilution	1
Comment	
ISTD Ref File Name	124CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	100.364	4.239	602405	0.37	100	100.4	90	110	
B	11	1	nogas	485.994	5.984	2109766	1.67	500	97.2	90	110	
Al	27	1	nogas	98.820	1.107	2098667	0.95	100	98.8	90	110	
P	31	1	nogas	497.408	1.263	636917	0.37	500	99.5	90	110	
Ti	47	1	nogas	96.203	1.088	246191	0.38	100	96.2	90	110	
Ni	60	1	nogas	101.605	1.732	699920	1.19	100	101.6	90	110	
Cu	63	1	nogas	99.847	0.833	1582325	0.62	100	99.8	90	110	
Zn	66	1	nogas	101.665	1.650	450656	1.07	100	101.7	90	110	
Se	77	1	nogas	91.802	2.026	30456	0.67	100	91.8	90	110	
Se	82	1	nogas	97.347	1.919	31174	1.11	100	97.3	90	110	
Sr	88	1	nogas	97.696	0.871	4489595	0.53	100	97.7	90	110	
Mo	95	1	nogas	100.282	0.322	882089	0.52	100	100.3	90	110	
Ag	107	1	nogas	100.494	0.163	2094078	0.69	100	100.5	90	110	
Cd	111	1	nogas	98.771	1.383	454119	1.21	100	98.8	90	110	
Sn	118	1	nogas	102.911	1.657	1357443	1.55	100	102.9	90	110	
Sb	121	1	nogas	100.074	2.088	1659713	1.62	100	100.1	90	110	
Ba	137	1	nogas	101.798	1.631	724730	1.64	100	101.8	90	110	
Tl	205	1	nogas	99.918	1.848	3935855	1.08	100	99.9	90	110	
Pb	208	1	nogas	100.860	2.300	5361486	1.82	100	100.9	90	110	
U	238	1	nogas	95.985	2.481	6269853	2.34	100	96.0	90	110	
Li	7	1	nogas	98.141	5.818	1957669	2.80	100	98.1	90	110	
Si	28	1	nogas	5233.284	1.434	6287793	0.62	5000	104.7	90	110	
Ba	135	1	nogas	98.329	1.549	412838	1.54	100	98.3	90	110	
Tl	203	1	nogas	102.138	1.182	1620252	1.03	100	102.1	90	110	
Na	23	2	He	9835.640	3.052	30283765	0.41	10000	98.4	90	110	
Mg	24	2	He	9770.248	2.215	19481094	1.11	10000	97.7	90	110	
Al	27	2	He	97.026	4.062	170215	2.20	100	97.0	90	110	
K	39	2	He	9841.148	4.018	29266047	1.39	10000	98.4	90	110	
Ca	43	2	He	9870.158	3.737	88609	1.11	10000	98.7	90	110	
Ca	44	2	He	9879.686	1.324	1443373	1.34	10000	98.8	90	110	
V	51	2	He	97.349	3.169	1417844	0.55	100	97.3	90	110	
Cr	52	2	He	99.261	1.790	1491015	0.88	100	99.3	90	110	
Mn	55	2	He	98.342	1.084	1354313	1.77	100	98.3	90	110	
Fe	56	2	He	9799.099	3.128	139059591	1.54	10000	98.0	90	110	
Co	59	2	He	98.811	3.131	1932237	0.50	100	98.8	90	110	
Ni	60	2	He	98.839	2.579	490636	1.12	100	98.8	90	110	
Cu	63	2	He	101.066	3.244	1207727	1.58	100	101.1	90	110	
Zn	66	2	He	99.705	2.936	269842	1.17	100	99.7	90	110	
As	75	2	He	99.427	3.017	209774	0.93	100	99.4	90	110	
Sb	121	2	He	104.204	2.334	1328590	0.94	100	104.2	90	110	
Se	78	2	He	99.076	2.580	27603	0.78	100	99.1	90	110	
Ti	47	2	He	97.135	4.595	69767	2.35	100	97.1	90	110	

QC ISTD Table

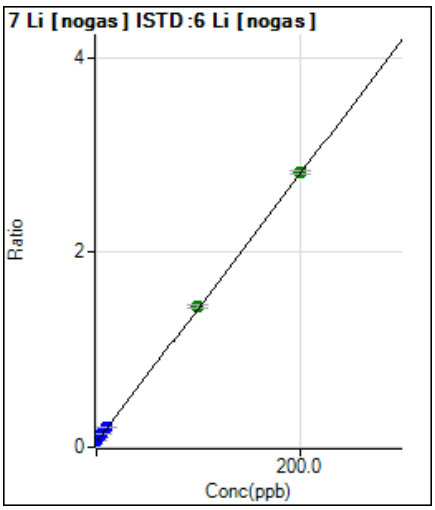
Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3645069	0.84	3743903	97.36	70	120	
In	115	1	nogas	4064188	0.53	4186681	97.07	70	120	
Li	6	1	nogas	1317162	4.43	1486115	88.63	70	120	
Bi	209	1	nogas	3430653	0.78	3575112	95.96	70	120	
Ge	72	2	He	1822461	2.68	1882879	96.79	70	120	

Calibration for 239_ICV.d

Batch Folder:	C:\Agilent\ICPMH\1\DATA\012621A.b\
Analysis File:	012621A.batch.bin
DA Date-Time:	1/26/2021 11:00:38 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	

Level	Standard Data File	Sample Name	Acq. Date-Time
1	229CALB.d	CAL BLK	1/26/2021 8:43:25 PM
2	230CALS.d	2/10/200	1/26/2021 8:45:27 PM
3	231CALS.d	5/25/500	1/26/2021 8:47:29 PM
4	232CALS.d	10/50/1000	1/26/2021 8:49:30 PM
5	233CALS.d	100/500/10K	1/26/2021 8:51:31 PM
6	234CALS.d	200/1000/20K	1/26/2021 8:53:29 PM
7			

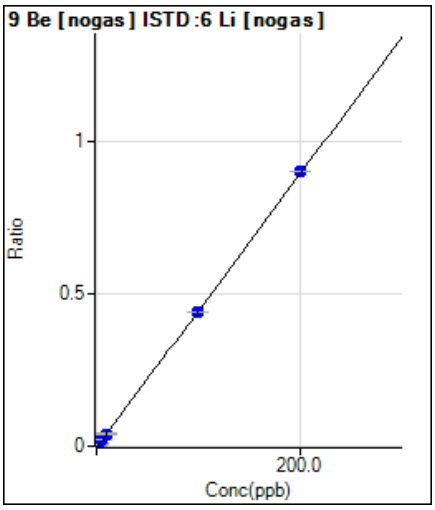
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	55948.74	0.0675	P	0.8	
2	☐	2.000	2.117	79475.33	0.0966	P	0.1	5.9
3	☐	5.000	4.888	110666.38	0.1347	P	0.3	-2.2
4	☐	10.000	9.799	164629.94	0.2022	P	0.7	-2.0
5	☐	100.000	99.695	1114747.09	1.4386	A	2.2	-0.3
6	☐	200.000	200.164	2120799.50	2.8203	A	1.5	0.1
7	☐	1.000						

y = 0.0138 * x + 0.0675
R = 1.0000
DL = 0.1161 ppb
BEC = 4.906 ppb

Weight: <None>
Min Conc: <None>

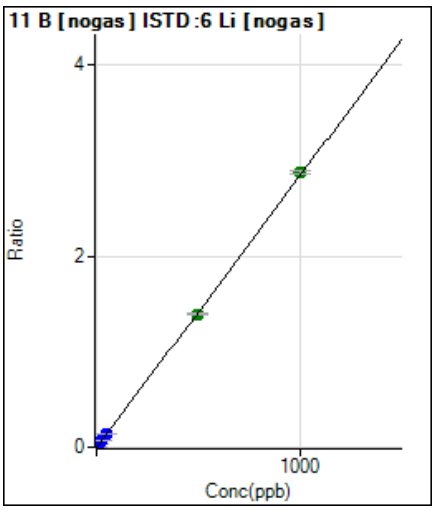


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5.00	0.0000	P	100.	
2	☐	2.000	1.788	6612.84	0.0080	P	4.4	-10.
3	☐	5.000	4.410	16285.25	0.0198	P	1.6	-11.
4	☐	10.000	9.069	33171.80	0.0407	P	1.0	-9.3
5	☐	100.000	98.242	342025.05	0.4414	P	0.5	-1.8
6	☐	200.000	200.942	678919.34	0.9028	P	0.4	0.5
7	☐	1.000						

y = 0.0045 * x + 6.0228E-006
R = 0.9999
DL = 0.004036 ppb
BEC = 0.001341 ppb

Weight: <None>
Min Conc: <None>

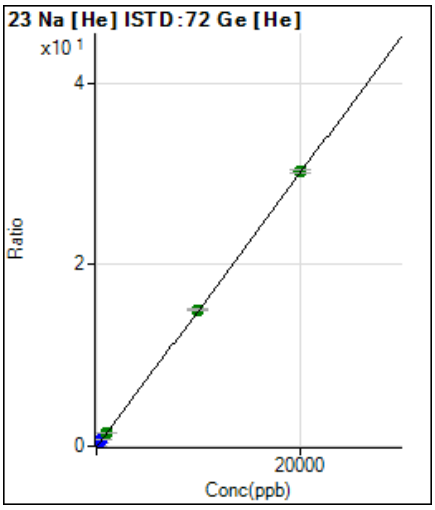
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5822.60	0.0070	P	1.9	
2	☐	10.000	9.294	27579.81	0.0335	P	1.0	-7.1
3	☐	25.000	23.217	60153.41	0.0732	P	0.7	-7.1
4	☐	50.000	47.722	116469.90	0.1431	P	0.5	-4.6
5	☐	500.000	485.638	1078347.61	1.3915	A	1.7	-2.9
6	☐	1000.000	1007.347	2164836.58	2.8788	A	1.4	0.7
7	☐	5.000						

y = 0.0029 * x + 0.0070
R = 0.9999
DL = 0.1379 ppb
BEC = 2.463 ppb

Weight: <None>
Min Conc: <None>

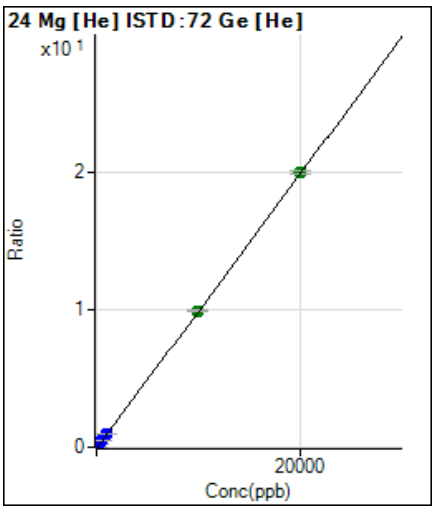


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	33422.85	0.0278	P	1.3	
2	☐	200.000	204.958	406273.34	0.3376	P	0.2	2.5
3	☐	500.000	503.869	945026.73	0.7895	P	1.0	0.8
4	☐	1000.000	980.987	1795609.09	1.5107	A	0.7	-1.9
5	☐	10000.00	9931.100	17476630.16	15.0399	A	0.6	-0.7
6	☐	20000.00	20035.25	34083300.32	30.3136	A	0.7	0.2
7	☐	100.000						

y = 0.0015 * x + 0.0278
R = 1.0000
DL = 0.7282 ppb
BEC = 18.39 ppb

Weight: <None>
Min Conc: <None>

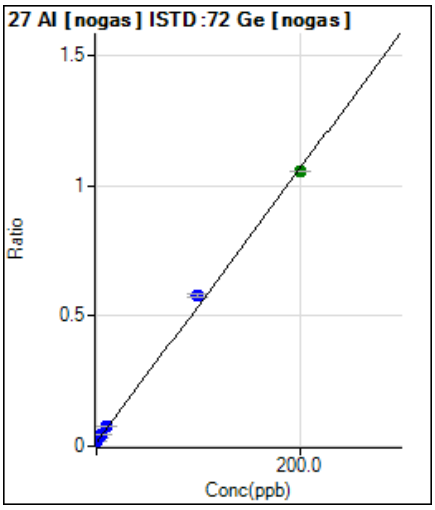
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1626.76	0.0014	P	8.0	
2	☐	200.000	205.627	248543.00	0.2065	P	0.7	2.8
3	☐	500.000	502.851	602252.80	0.5031	P	0.8	0.6
4	☐	1000.000	1011.526	1201325.35	1.0107	P	0.7	1.2
5	☐	10000.00	9939.286	11525851.50	9.9192	A	1.1	-0.6
6	☐	20000.00	20029.65	22471798.00	19.9878	A	0.8	0.1
7	☐	100.000						

y = 9.9784E-004 * x + 0.0014
R = 1.0000
DL = 0.3236 ppb
BEC = 1.356 ppb

Weight: <None>
Min Conc: <None>

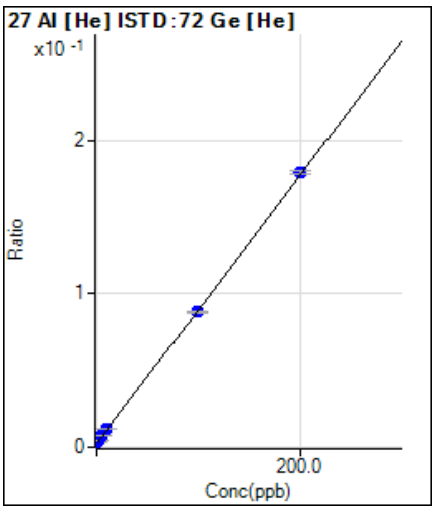


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	46992.52	0.0198	P	0.9	
2	☐	2.000	1.977	70828.28	0.0302	P	1.8	-1.2
3	☐	5.000	5.162	109392.09	0.0469	P	2.9	3.2
4	☐	10.000	10.503	175670.28	0.0750	P	2.6	5.0
5	☐	100.000	106.234	1328174.67	0.5781	P	2.0	6.2
6	☐	200.000	196.854	2402902.98	1.0544	A	0.5	-1.6
7	☐	1.000						

y = 0.0053 * x + 0.0198
R = 0.9993
DL = 0.09723 ppb
BEC = 3.766 ppb

Weight: <None>
Min Conc: <None>

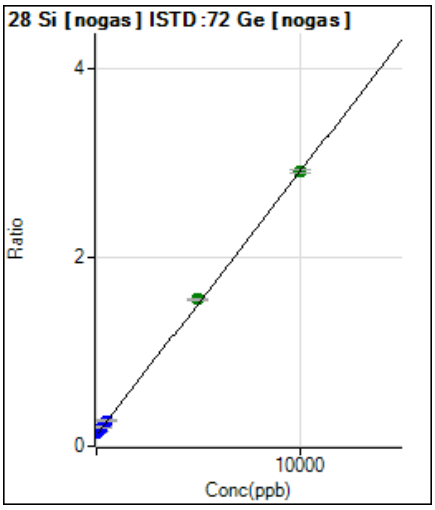
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3997.16	0.0033	P	1.9	
2	☐	2.000	1.607	5690.95	0.0047	P	1.4	-19.
3	☐	5.000	4.428	8612.08	0.0072	P	1.5	-11.
4	☐	10.000	9.834	14165.47	0.0119	P	4.2	-1.7
5	☐	100.000	97.448	102809.63	0.0885	P	1.3	-2.6
6	☐	200.000	201.302	201515.89	0.1792	P	0.8	0.7
7	☐	1.000						

y = 8.7387E-004 * x + 0.0033
R = 0.9999
DL = 0.2198 ppb
BEC = 3.806 ppb

Weight: <None>
Min Conc: <None>

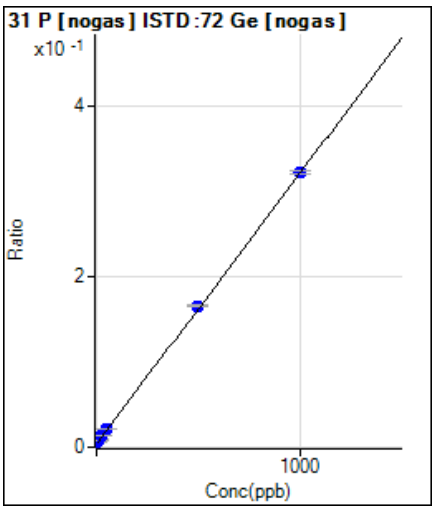


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	318215.01	0.1340	P	0.6	
2	☐	100.000	95.820	377299.32	0.1608	P	0.5	-4.2
3	☐	250.000	238.981	467900.11	0.2008	P	1.8	-4.4
4	☐	500.000	485.682	631753.36	0.2697	P	2.2	-2.9
5	☐	5000.000	5086.120	3571356.09	1.5545	A	1.1	1.7
6	☐	10000.00	9957.973	6643012.19	2.9151	A	1.6	-0.4
7	☐	50.000						

y = 2.7928E-004 * x + 0.1340
R = 0.9999
DL = 8.27 ppb
BEC = 479.9 ppb

Weight: <None>
Min Conc: <None>

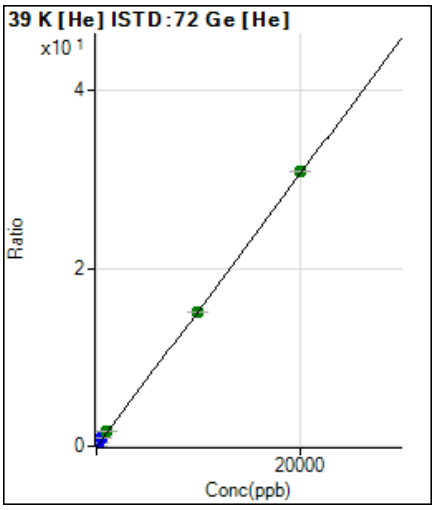
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	12901.25	0.0054	P	6.2	
2	☐	10.000	10.122	20271.14	0.0086	P	4.5	1.2
3	☐	25.000	24.841	31008.85	0.0133	P	4.1	-0.6
4	☐	50.000	50.128	49952.75	0.0213	P	2.7	0.3
5	☐	500.000	503.907	379502.60	0.1652	P	1.5	0.8
6	☐	1000.000	998.043	733470.43	0.3218	P	0.8	-0.2
7	☐	5.000						

y = 3.1703E-004 * x + 0.0054
R = 1.0000
DL = 3.183 ppb
BEC = 17.14 ppb

Weight: <None>
Min Conc: <None>

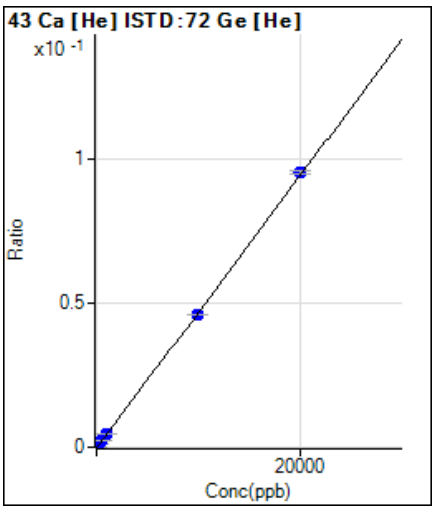


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	88781.78	0.0739	P	1.4	
2	☐	200.000	203.557	464933.65	0.3864	P	0.9	1.8
3	☐	500.000	501.191	1009539.70	0.8433	P	0.4	0.2
4	☐	1000.000	997.653	1908358.62	1.6055	A	1.5	-0.2
5	☐	10000.00	9788.184	17549360.57	15.1010	A	0.4	-2.1
6	☐	20000.00	20105.96	34786766.15	30.9412	A	0.2	0.5
7	☐	100.000						

y = 0.0015 * x + 0.0739
R = 0.9999
DL = 1.975 ppb
BEC = 48.11 ppb

Weight: <None>
Min Conc: <None>

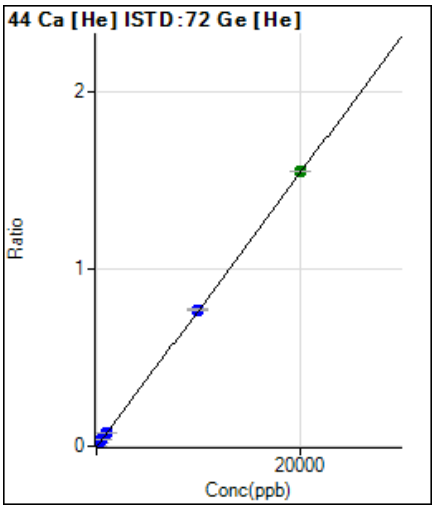
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	123.33	0.0001	P	24.0	
2	☐	200.000	202.628	1276.73	0.0011	P	2.8	1.3
3	☐	500.000	479.289	2836.92	0.0024	P	4.4	-4.1
4	☐	1000.000	966.117	5554.24	0.0047	P	8.0	-3.4
5	☐	10000.00	9696.951	53406.15	0.0460	P	0.8	-3.0
6	☐	20000.00	20153.71	107275.26	0.0954	P	1.3	0.8
7	☐	100.000						

y = 4.7288E-006 * x + 1.0272E-004
R = 0.9998
DL = 15.65 ppb
BEC = 21.72 ppb

Weight: <None>
Min Conc: <None>

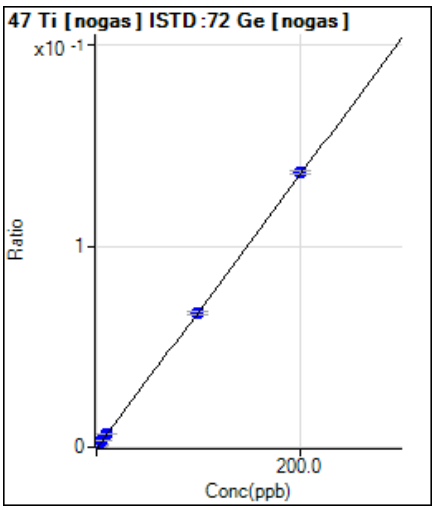


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2200.17	0.0018	P	7.9	
2	☐	200.000	189.713	19877.57	0.0165	P	2.2	-5.1
3	☐	500.000	470.263	45779.48	0.0382	P	1.4	-5.9
4	☐	1000.000	971.436	91589.50	0.0771	P	1.0	-2.9
5	☐	10000.00	9928.058	895506.26	0.7706	P	0.5	-0.7
6	☐	20000.00	20038.24	1746638.36	1.5535	A	0.2	0.2
7	☐	100.000						

y = 7.7436E-005 * x + 0.0018
R = 1.0000
DL = 5.575 ppb
BEC = 23.64 ppb

Weight: <None>
Min Conc: <None>

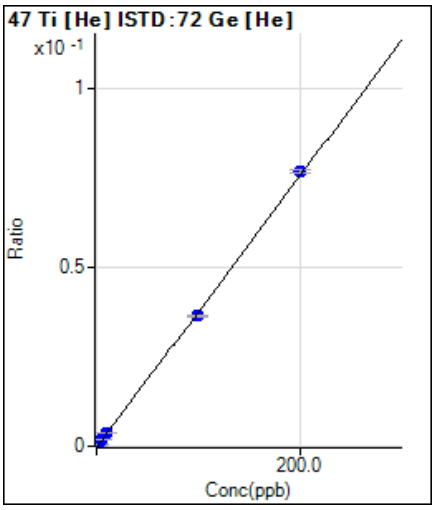
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	100.00	0.0000	P	54.6	
2	☐	2.000	1.827	3020.31	0.0013	P	12.5	-8.7
3	☐	5.000	4.732	7605.00	0.0033	P	1.9	-5.4
4	☐	10.000	9.366	15022.93	0.0064	P	6.7	-6.3
5	☐	100.000	98.309	153827.55	0.0670	P	2.1	-1.7
6	☐	200.000	200.886	311730.47	0.1368	P	1.0	0.4
7	☐	1.000						

y = 6.8070E-004 * x + 4.1948E-005
R = 1.0000
DL = 0.101 ppb
BEC = 0.06163 ppb

Weight: <None>
Min Conc: <None>

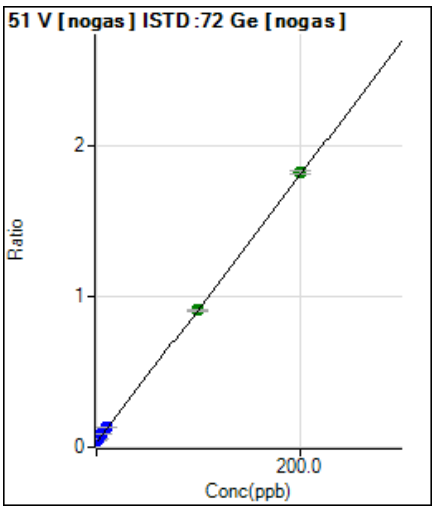


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	20.00	0.0000	P	132.	
2	☐	2.000	1.729	810.03	0.0007	P	5.2	-13.
3	☐	5.000	4.343	1993.47	0.0017	P	4.8	-13.
4	☐	10.000	9.513	4313.92	0.0036	P	6.2	-4.9
5	☐	100.000	95.631	42207.90	0.0363	P	1.3	-4.4
6	☐	200.000	202.228	86345.56	0.0768	P	0.8	1.1
7	☐	1.000						

y = 3.7969E-004 * x + 1.6574E-005
R = 0.9997
DL = 0.1734 ppb
BEC = 0.04365 ppb

Weight: <None>
Min Conc: <None>

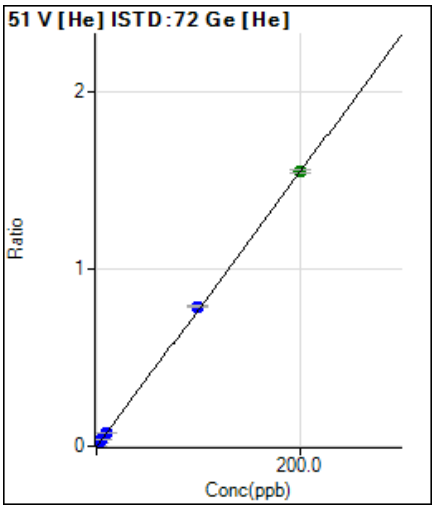
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	93741.57	0.0395	P	3.3	
2	☐	2.000	1.993	134179.70	0.0572	P	1.8	-0.3
3	☐	5.000	5.015	195703.05	0.0840	P	1.8	0.3
4	☐	10.000	10.084	302071.96	0.1289	P	2.2	0.8
5	☐	100.000	97.818	2084032.47	0.9071	A	2.2	-2.2
6	☐	200.000	201.086	4154723.79	1.8231	A	1.2	0.5
7	☐	1.000						

y = 0.0089 * x + 0.0395
R = 0.9999
DL = 0.4459 ppb
BEC = 4.452 ppb

Weight: <None>
Min Conc: <None>

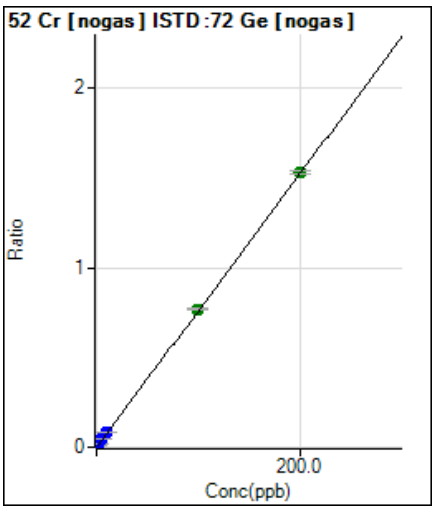


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4988.47	0.0041	P	3.1	
2	☐	2.000	1.924	22930.81	0.0191	P	1.2	-3.8
3	☐	5.000	4.797	49471.99	0.0413	P	0.4	-4.1
4	☐	10.000	9.641	93744.83	0.0789	P	0.9	-3.6
5	☐	100.000	101.145	915695.73	0.7880	P	0.4	1.1
6	☐	200.000	199.451	1742396.49	1.5498	A	1.0	-0.3
7	☐	1.000						

y = 0.0077 * x + 0.0041
R = 1.0000
DL = 0.04923 ppb
BEC = 0.5355 ppb

Weight: <None>
Min Conc: <None>

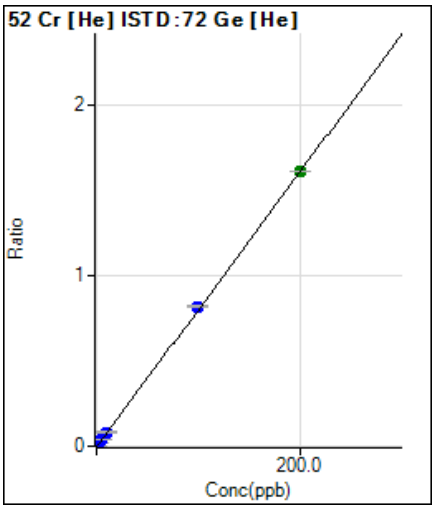
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	14455.79	0.0061	P	3.4	
2	☐	2.000	2.164	53025.75	0.0226	P	1.6	8.2
3	☐	5.000	5.104	104924.19	0.0450	P	2.0	2.1
4	☐	10.000	10.346	199130.24	0.0850	P	1.9	3.5
5	☐	100.000	99.978	1765773.05	0.7686	A	1.9	0.0
6	☐	200.000	199.989	3489933.28	1.5314	A	1.5	0.0
7	☐	1.000						

y = 0.0076 * x + 0.0061
R = 1.0000
DL = 0.08116 ppb
BEC = 0.7985 ppb

Weight: <None>
Min Conc: <None>

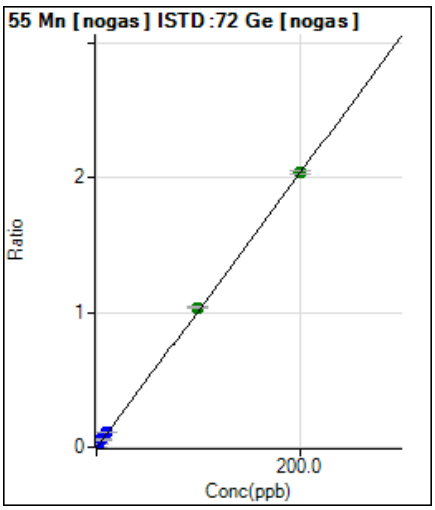


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2953.62	0.0025	P	12.6	
2	☐	2.000	2.000	22337.07	0.0186	P	3.7	0.0
3	☐	5.000	4.861	49803.58	0.0416	P	1.3	-2.8
4	☐	10.000	9.884	97523.67	0.0820	P	0.8	-1.2
5	☐	100.000	101.264	950365.14	0.8179	P	0.4	1.3
6	☐	200.000	199.377	1807724.92	1.6079	A	0.5	-0.3
7	☐	1.000						

y = 0.0081 * x + 0.0025
R = 1.0000
DL = 0.1153 ppb
BEC = 0.3051 ppb

Weight: <None>
Min Conc: <None>

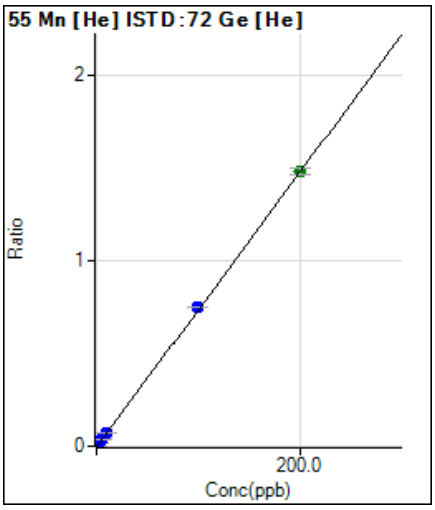
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10286.34	0.0043	P	1.0	
2	☐	2.000	2.175	62301.21	0.0266	P	2.6	8.7
3	☐	5.000	4.999	129105.45	0.0554	P	2.1	0.0
4	☐	10.000	10.261	255756.90	0.1092	P	1.7	2.6
5	☐	100.000	100.981	2379991.22	1.0359	A	1.3	1.0
6	☐	200.000	199.495	4654202.64	2.0423	A	1.0	-0.3
7	☐	1.000						

y = 0.0102 * x + 0.0043
R = 1.0000
DL = 0.01269 ppb
BEC = 0.4241 ppb

Weight: <None>
Min Conc: <None>

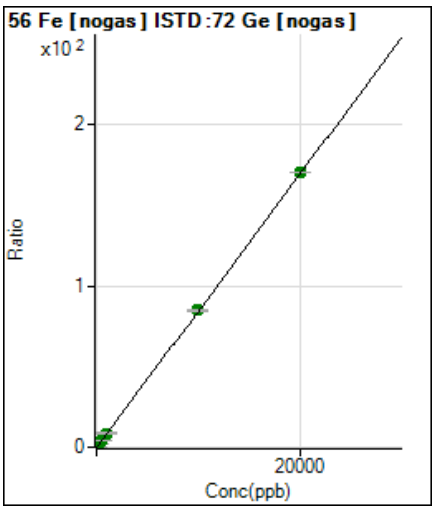


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2460.21	0.0020	P	9.6	
2	☐	2.000	2.037	20631.72	0.0171	P	2.7	1.9
3	☐	5.000	4.895	45887.16	0.0383	P	3.0	-2.1
4	☐	10.000	9.833	89052.94	0.0749	P	0.1	-1.7
5	☐	100.000	100.971	871988.37	0.7504	P	0.5	1.0
6	☐	200.000	199.525	1664957.84	1.4808	A	2.6	-0.2
7	☐	1.000						

y = 0.0074 * x + 0.0020
R = 1.0000
DL = 0.0794 ppb
BEC = 0.2763 ppb

Weight: <None>
Min Conc: <None>

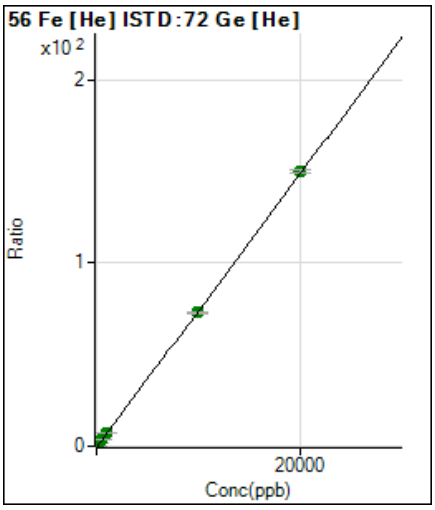
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1158556.26	0.4880	P	1.2	
2	☐	200.000	194.931	5023107.84	2.1411	A	2.8	-2.5
3	☐	500.000	481.931	10661931.92	4.5749	A	1.7	-3.6
4	☐	1000.000	966.314	20338372.20	8.6827	A	3.1	-3.4
5	☐	10000.00	9958.531	195134923.7	84.9392	A	1.7	-0.4
6	☐	20000.00	20022.92	388067994.2	170.288	A	0.3	0.1
7	☐	100.000						

y = 0.0085 * x + 0.4880
R = 1.0000
DL = 2.087 ppb
BEC = 57.55 ppb

Weight: <None>
Min Conc: <None>

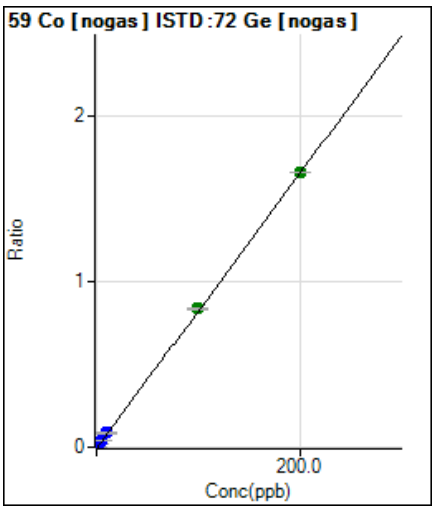


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	35010.04	0.0291	P	2.2	
2	☐	200.000	202.669	1853264.66	1.5402	A	1.1	1.3
3	☐	500.000	482.389	4340529.10	3.6258	A	1.1	-3.5
4	☐	1000.000	967.781	8611441.75	7.2448	A	0.3	-3.2
5	☐	10000.00	9802.671	84957238.73	73.1170	A	1.2	-2.0
6	☐	20000.00	20100.68	168521104.1	149.898	A	0.8	0.5
7	☐	100.000						

y = 0.0075 * x + 0.0291
R = 0.9999
DL = 0.2596 ppb
BEC = 3.906 ppb

Weight: <None>
Min Conc: <None>

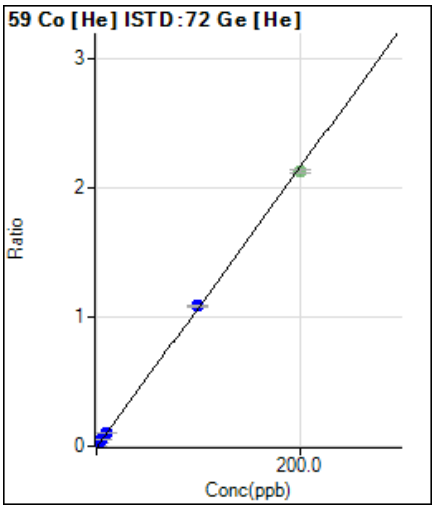
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	270.00	0.0001	P	36.5	
2	☐	2.000	2.107	41339.79	0.0176	P	2.2	5.3
3	☐	5.000	5.214	101235.31	0.0434	P	1.4	4.3
4	☐	10.000	10.319	201117.17	0.0859	P	2.3	3.2
5	☐	100.000	100.724	1922905.23	0.8370	A	1.2	0.7
6	☐	200.000	199.615	3779781.40	1.6586	A	0.6	-0.2
7	☐	1.000						

y = 0.0083 * x + 1.1369E-004
R = 1.0000
DL = 0.01497 ppb
BEC = 0.01368 ppb

Weight: <None>
Min Conc: <None>

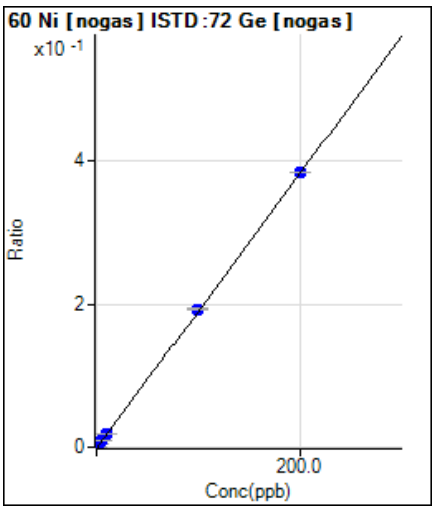


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	146.67	0.0001	P	28.9	
2	☐	2.000	1.972	25905.22	0.0215	P	0.2	-1.4
3	☐	5.000	4.926	64171.25	0.0536	P	0.7	-1.5
4	☐	10.000	9.814	126794.88	0.1067	P	0.6	-1.9
5	☐	100.000	100.023	1261989.46	1.0861	P	1.0	0.0
6	☑	200.000		2394047.88	2.1293	A	0.9	
7	☐	1.000						

y = 0.0109 * x + 1.2214E-004
R = 1.0000
DL = 0.009755 ppb
BEC = 0.01125 ppb

Weight: <None>
Min Conc: <None>

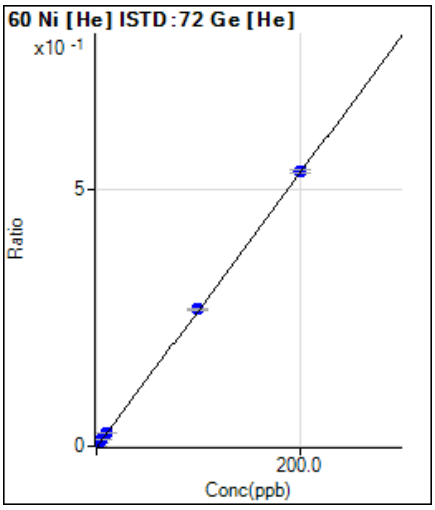
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	436.68	0.0002	P	23.2	
2	☐	2.000	2.019	9552.63	0.0041	P	3.7	0.9
3	☐	5.000	4.941	22597.38	0.0097	P	3.0	-1.2
4	☐	10.000	9.674	44076.07	0.0188	P	0.9	-3.3
5	☐	100.000	100.438	444671.69	0.1936	P	2.2	0.4
6	☐	200.000	199.799	877075.56	0.3849	P	0.6	-0.1
7	☐	1.000						

y = 0.0019 * x + 1.8393E-004
R = 1.0000
DL = 0.0664 ppb
BEC = 0.09553 ppb

Weight: <None>
Min Conc: <None>

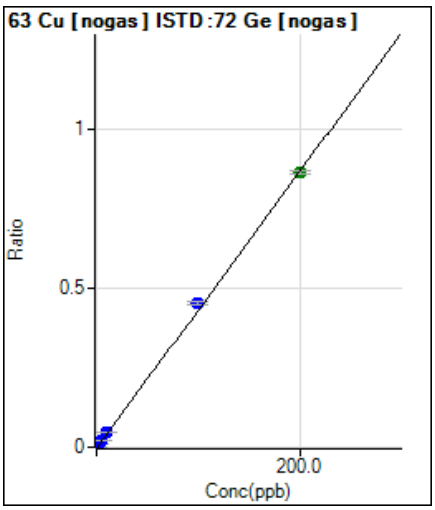


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	400.01	0.0003	P	24.1	
2	☐	2.000	1.978	6778.03	0.0056	P	0.6	-1.1
3	☐	5.000	4.915	16170.63	0.0135	P	5.1	-1.7
4	☐	10.000	9.905	31954.61	0.0269	P	3.2	-0.9
5	☐	100.000	99.481	310226.64	0.2670	P	1.3	-0.5
6	☐	200.000	200.267	603870.53	0.5371	P	1.0	0.1
7	☐	1.000						

y = 0.0027 * x + 3.3225E-004
R = 1.0000
DL = 0.08963 ppb
BEC = 0.124 ppb

Weight: <None>
Min Conc: <None>

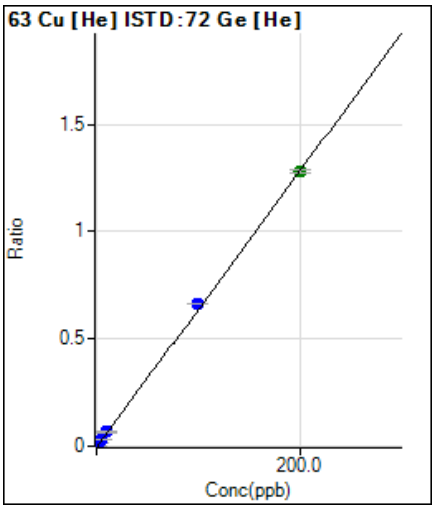
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1446.74	0.0006	P	8.5	
2	☐	2.000	2.089	22747.69	0.0097	P	4.4	4.4
3	☐	5.000	5.108	53213.51	0.0228	P	2.6	2.2
4	☐	10.000	10.206	105463.07	0.0450	P	1.8	2.1
5	☐	100.000	103.796	1038765.01	0.4522	P	2.9	3.8
6	☐	200.000	198.088	1965458.46	0.8624	A	1.0	-1.0
7	☐	1.000						

y = 0.0044 * x + 6.0973E-004
R = 0.9997
DL = 0.0357 ppb
BEC = 0.1401 ppb

Weight: <None>
Min Conc: <None>

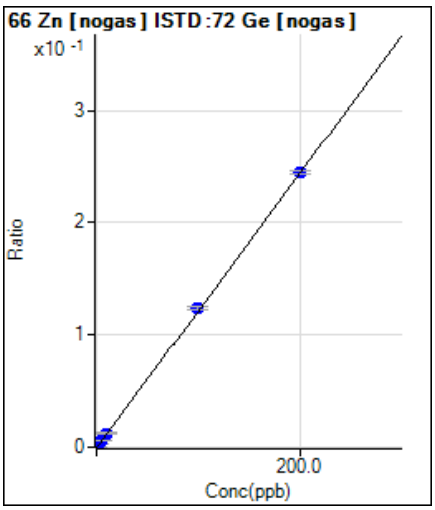


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	896.70	0.0007	P	10.4	
2	☐	2.000	2.062	16884.66	0.0140	P	1.9	3.1
3	☐	5.000	4.966	39198.67	0.0327	P	2.4	-0.7
4	☐	10.000	10.119	78395.96	0.0660	P	1.4	1.2
5	☐	100.000	102.612	769286.13	0.6620	P	0.3	2.6
6	☐	200.000	198.688	1440437.22	1.2811	A	1.1	-0.7
7	☐	1.000						

y = 0.0064 * x + 7.4546E-004
R = 0.9999
DL = 0.03597 ppb
BEC = 0.1157 ppb

Weight: <None>
Min Conc: <None>

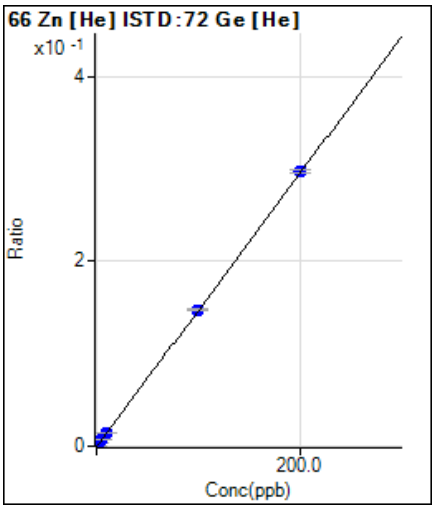
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1163.39	0.0005	P	7.2	
2	☐	2.000	1.880	6547.93	0.0028	P	7.3	-6.0
3	☐	5.000	4.610	14289.10	0.0061	P	8.1	-7.8
4	☐	10.000	9.814	29290.29	0.0125	P	3.4	-1.9
5	☐	100.000	100.814	284681.44	0.1239	P	2.1	0.8
6	☐	200.000	199.613	558086.54	0.2449	P	1.0	-0.2
7	☐	1.000						

y = 0.0012 * x + 4.9027E-004
R = 1.0000
DL = 0.08643 ppb
BEC = 0.4004 ppb

Weight: <None>
Min Conc: <None>

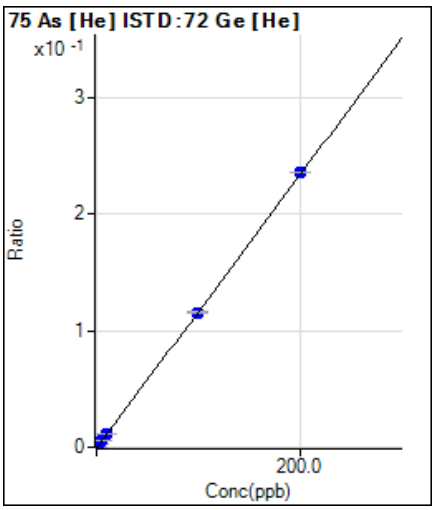


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	703.36	0.0006	P	14.8	
2	☐	2.000	1.955	4187.20	0.0035	P	1.3	-2.3
3	☐	5.000	4.531	8732.22	0.0073	P	0.5	-9.4
4	☐	10.000	9.811	17965.64	0.0151	P	1.2	-1.9
5	☐	100.000	99.235	171461.99	0.1475	P	0.5	-0.8
6	☐	200.000	200.404	334347.87	0.2974	P	0.8	0.2
7	☐	1.000						

y = 0.0015 * x + 5.8458E-004
R = 1.0000
DL = 0.1753 ppb
BEC = 0.3947 ppb

Weight: <None>
Min Conc: <None>

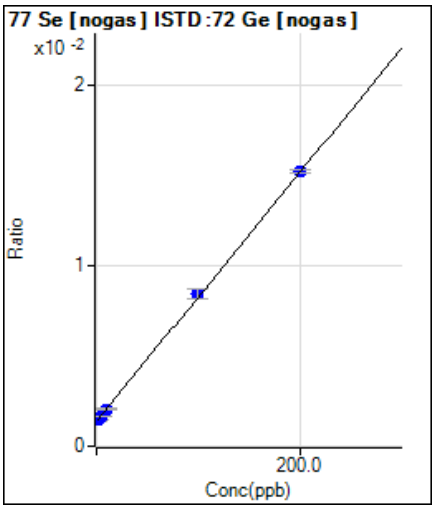
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	272.22	0.0002	P	19.9	
2	☐	2.000	1.897	2951.37	0.0025	P	7.1	-5.1
3	☐	5.000	4.683	6853.54	0.0057	P	4.4	-6.3
4	☐	10.000	9.353	13320.45	0.0112	P	0.4	-6.5
5	☐	100.000	98.429	134547.21	0.1158	P	0.3	-1.6
6	☐	200.000	200.827	265309.20	0.2360	P	0.5	0.4
7	☐	1.000						

y = 0.0012 * x + 2.2617E-004
R = 1.0000
DL = 0.1151 ppb
BEC = 0.1927 ppb

Weight: <None>
Min Conc: <None>

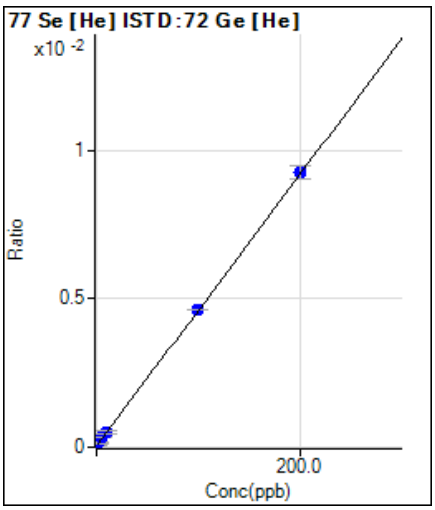


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3470.39	0.0015	P	6.9	
2	☐	2.000	0.018	3433.72	0.0015	P	3.7	-99.
3	☐	5.000	2.489	3807.13	0.0016	P	2.0	-50.
4	☐	10.000	8.525	4804.03	0.0020	P	3.4	-14.
5	☐	100.000	101.011	19327.16	0.0084	P	5.8	1.0
6	☐	200.000	199.651	34646.47	0.0152	P	1.4	-0.2
7	☐	1.000						

y = 6.8827E-005 * x + 0.0015
R = 0.9999
DL = 4.411 ppb
BEC = 21.25 ppb

Weight: <None>
Min Conc: <None>

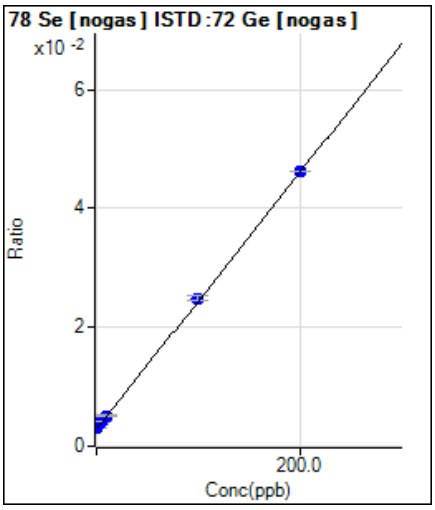
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	103.33	0.0001	P	65.5	
2	☐	2.000	1.203	170.00	0.0001	P	16.4	-39.
3	☐	5.000	5.354	396.68	0.0003	P	11.1	7.1
4	☐	10.000	8.946	590.02	0.0005	P	16.8	-10.
5	☐	100.000	99.194	5380.89	0.0046	P	0.7	-0.8
6	☐	200.000	200.455	10419.81	0.0093	P	4.4	0.2
7	☐	1.000						

y = 4.5810E-005 * x + 8.6335E-005
R = 1.0000
DL = 3.703 ppb
BEC = 1.885 ppb

Weight: <None>
Min Conc: <None>

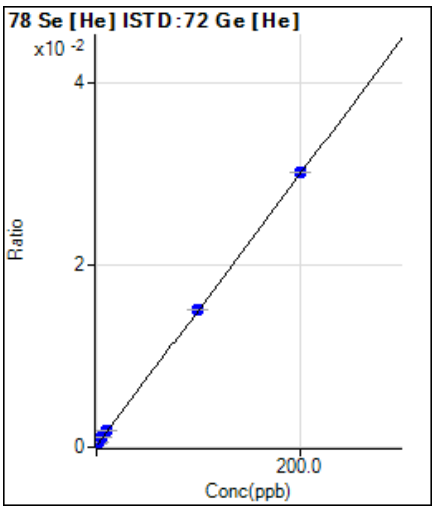


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7271.55	0.0031	P	2.5	
2	☐	2.000	2.850	8628.85	0.0037	P	6.8	42.5
3	☐	5.000	5.528	9922.83	0.0043	P	2.4	10.6
4	☐	10.000	9.522	11994.14	0.0051	P	6.1	-4.8
5	☐	100.000	100.656	57009.29	0.0248	P	3.1	0.7
6	☐	200.000	199.674	105329.54	0.0462	P	0.5	-0.2
7	☐	1.000						

y = 2.1613E-004 * x + 0.0031
R = 1.0000
DL = 1.068 ppb
BEC = 14.17 ppb

Weight: <None>
Min Conc: <None>

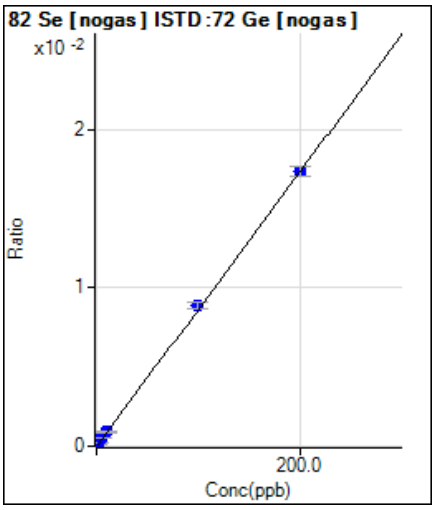
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	369.34	0.0003	P	7.3	
2	☐	2.000	1.717	678.01	0.0006	P	10.3	-14.
3	☐	5.000	5.035	1265.38	0.0011	P	4.9	0.7
4	☐	10.000	10.058	2146.13	0.0018	P	1.7	0.6
5	☐	100.000	99.191	17525.08	0.0151	P	0.7	-0.8
6	☐	200.000	200.404	33906.74	0.0302	P	0.5	0.2
7	☐	1.000						

y = 1.4895E-004 * x + 3.0726E-004
R = 1.0000
DL = 0.4529 ppb
BEC = 2.063 ppb

Weight: <None>
Min Conc: <None>

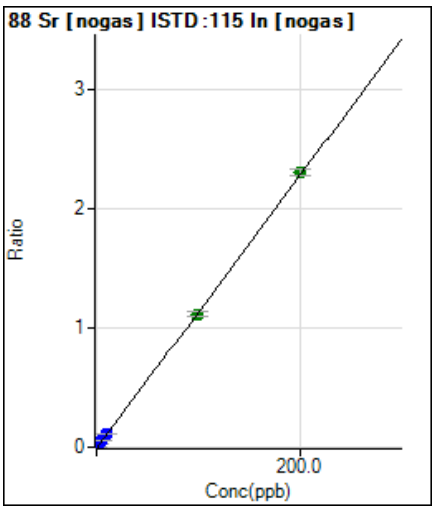


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	160.00	0.0001	P	21.6	
2	☐	2.000	2.109	586.69	0.0003	P	5.0	5.4
3	☐	5.000	5.063	1180.06	0.0005	P	5.0	1.3
4	☐	10.000	9.641	2113.50	0.0009	P	8.0	-3.6
5	☐	100.000	101.359	20335.07	0.0089	P	5.2	1.4
6	☐	200.000	199.336	39536.66	0.0173	P	3.3	-0.3
7	☐	1.000						

y = 8.6685E-005 * x + 6.7292E-005
R = 1.0000
DL = 0.5023 ppb
BEC = 0.7763 ppb

Weight: <None>
Min Conc: <None>

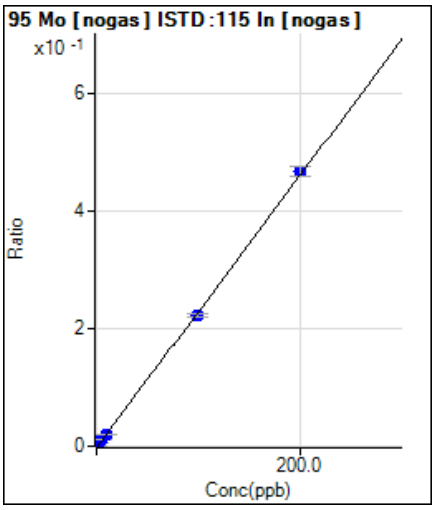
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2650.24	0.0010	P	4.9	
2	☐	2.000	2.015	65395.09	0.0240	P	4.4	0.7
3	☐	5.000	4.835	158162.71	0.0562	P	2.0	-3.3
4	☐	10.000	9.872	317928.17	0.1138	P	0.5	-1.3
5	☐	100.000	97.510	3016069.02	1.1158	A	3.1	-2.5
6	☐	200.000	201.255	6025465.75	2.3020	A	3.0	0.6
7	☐	1.000						

y = 0.0114 * x + 9.5624E-004
R = 0.9999
DL = 0.01228 ppb
BEC = 0.08364 ppb

Weight: <None>
Min Conc: <None>

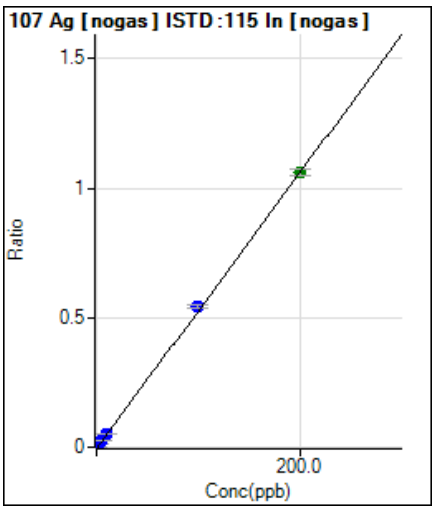


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	96.67	0.0000	P	35.5	
2	☐	2.000	1.888	12020.86	0.0044	P	1.5	-5.6
3	☐	5.000	4.312	28185.81	0.0100	P	1.7	-13.
4	☐	10.000	8.913	57733.11	0.0207	P	2.4	-10.
5	☐	100.000	96.222	602422.66	0.2229	P	2.3	-3.8
6	☐	200.000	201.962	1224268.91	0.4677	P	3.3	1.0
7	☐	1.000						

y = 0.0023 * x + 3.4799E-005
R = 0.9998
DL = 0.01598 ppb
BEC = 0.01503 ppb

Weight: <None>
Min Conc: <None>

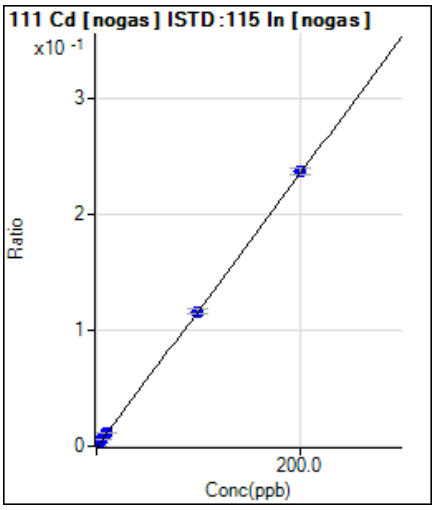
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	63.33	0.0000	P	24.8	
2	☐	2.000	2.041	29715.23	0.0109	P	2.3	2.0
3	☐	5.000	4.803	72052.45	0.0256	P	1.5	-3.9
4	☐	10.000	9.832	146374.77	0.0524	P	1.3	-1.7
5	☐	100.000	101.766	1465860.45	0.5423	P	2.4	1.8
6	☐	200.000	199.130	2777868.81	1.0611	A	2.4	-0.4
7	☐	1.000						

y = 0.0053 * x + 2.2872E-005
R = 0.9999
DL = 0.003191 ppb
BEC = 0.004292 ppb

Weight: <None>
Min Conc: <None>

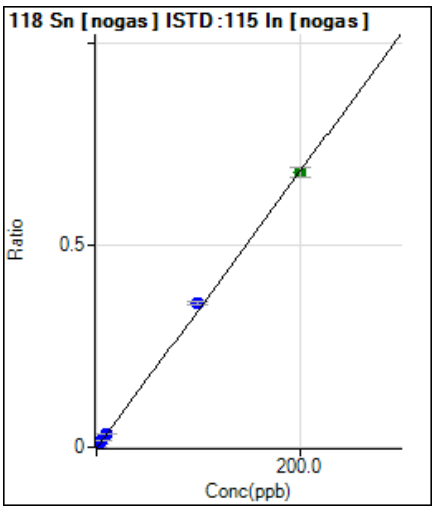


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	20.00	0.0000	P	86.6	
2	☐	2.000	1.904	6154.51	0.0023	P	6.1	-4.8
3	☐	5.000	4.607	15340.18	0.0055	P	2.8	-7.9
4	☐	10.000	9.314	30767.07	0.0110	P	3.0	-6.9
5	☐	100.000	98.549	314954.36	0.1165	P	2.8	-1.5
6	☐	200.000	200.771	621354.60	0.2374	P	2.8	0.4
7	☐	1.000						

y = 0.0012 * x + 7.1821E-006
R = 1.0000
DL = 0.01578 ppb
BEC = 0.006075 ppb

Weight: <None>
Min Conc: <None>

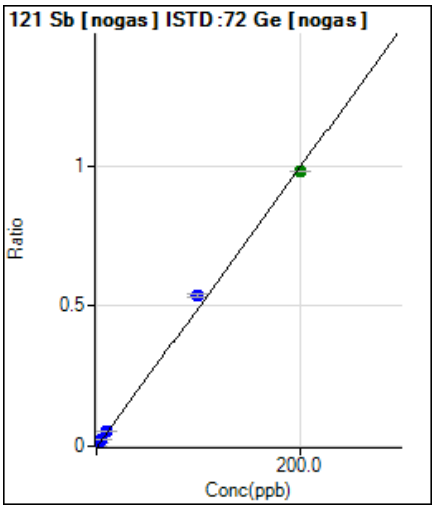
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2233.51	0.0008	P	4.5	
2	☐	2.000	2.014	21046.23	0.0077	P	4.0	0.7
3	☐	5.000	4.819	48801.13	0.0173	P	1.4	-3.6
4	☐	10.000	9.803	96248.50	0.0345	P	1.9	-2.0
5	☐	100.000	103.411	961864.39	0.3558	P	2.3	3.4
6	☐	200.000	198.309	1784091.12	0.6816	A	3.5	-0.8
7	☐	1.000						

y = 0.0034 * x + 8.0543E-004
R = 0.9998
DL = 0.03149 ppb
BEC = 0.2346 ppb

Weight: <None>
Min Conc: <None>

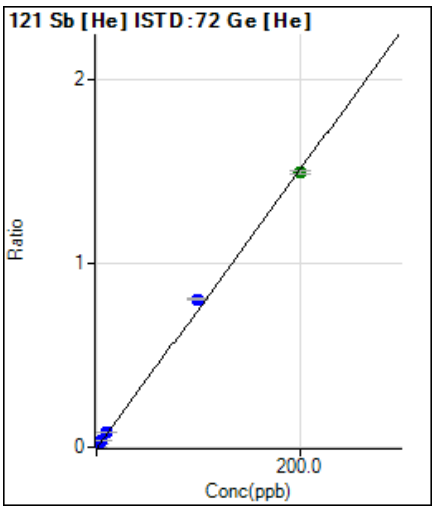


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	703.36	0.0003	P	14.6	
2	☐	2.000	2.068	24954.63	0.0106	P	5.1	3.4
3	☐	5.000	5.062	59714.74	0.0256	P	0.8	1.2
4	☐	10.000	10.202	120228.81	0.0513	P	3.0	2.0
5	☐	100.000	107.565	1236756.23	0.5383	P	2.1	7.6
6	☐	200.000	196.205	2237202.41	0.9817	A	0.5	-1.9
7	☐	1.000						

y = 0.0050 * x + 2.9594E-004
R = 0.9990
DL = 0.02588 ppb
BEC = 0.05916 ppb

Weight: <None>
Min Conc: <None>

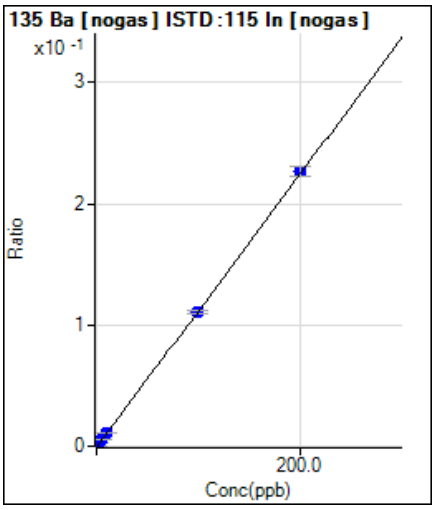
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	570.01	0.0005	P	24.2	
2	☐	2.000	2.010	18900.43	0.0157	P	0.6	0.5
3	☐	5.000	4.979	45722.96	0.0382	P	0.6	-0.4
4	☐	10.000	10.157	92036.64	0.0774	P	1.0	1.6
5	☐	100.000	105.804	932043.03	0.8021	P	1.0	5.8
6	☐	200.000	197.091	1679419.61	1.4937	A	1.1	-1.5
7	☐	1.000						

y = 0.0076 * x + 4.7489E-004
R = 0.9994
DL = 0.04555 ppb
BEC = 0.06268 ppb

Weight: <None>
Min Conc: <None>

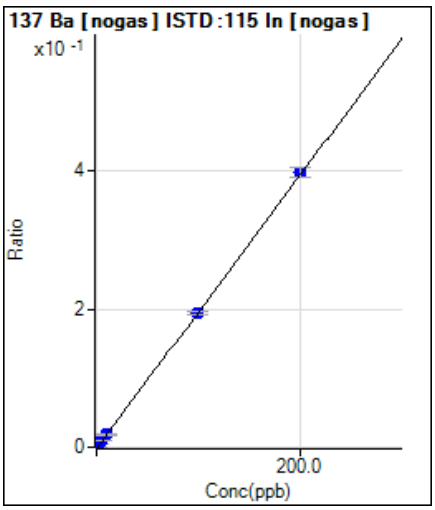


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	273.35	0.0001	P	12.1	
2	☐	2.000	1.843	5934.45	0.0022	P	3.5	-7.9
3	☐	5.000	4.396	14219.31	0.0051	P	3.1	-12.
4	☐	10.000	9.161	29121.44	0.0104	P	2.3	-8.4
5	☐	100.000	97.900	298681.70	0.1105	P	2.1	-2.1
6	☐	200.000	201.109	593802.93	0.2269	P	3.8	0.6
7	☐	1.000						

y = 0.0011 * x + 9.8616E-005
R = 0.9999
DL = 0.03167 ppb
BEC = 0.08745 ppb

Weight: <None>
Min Conc: <None>

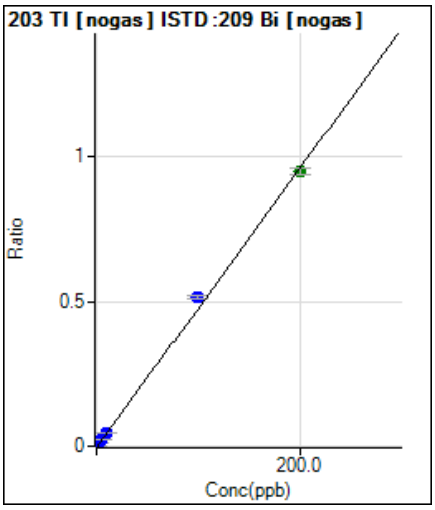
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	386.68	0.0001	P	8.0	
2	☐	2.000	1.855	10386.62	0.0038	P	6.7	-7.3
3	☐	5.000	4.479	25332.07	0.0090	P	3.7	-10.
4	☐	10.000	9.038	50356.88	0.0180	P	3.1	-9.6
5	☐	100.000	97.832	523939.85	0.1938	P	2.2	-2.2
6	☐	200.000	201.147	1042679.25	0.3984	P	3.8	0.6
7	☐	1.000						

y = 0.0020 * x + 1.3948E-004
R = 0.9999
DL = 0.01698 ppb
BEC = 0.07045 ppb

Weight: <None>
Min Conc: <None>

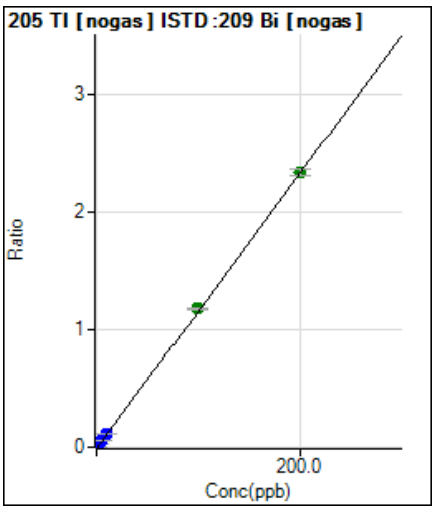


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	26.67	0.0000	P	20.6	
2	☐	2.000	1.976	24034.50	0.0096	P	4.8	-1.2
3	☐	5.000	4.860	58965.73	0.0235	P	1.0	-2.8
4	☐	10.000	9.859	117201.40	0.0477	P	1.8	-1.4
5	☐	100.000	106.681	1217872.51	0.5157	P	2.2	6.7
6	☐	200.000	196.670	2212323.41	0.9507	A	2.6	-1.7
7	☐	1.000						

y = 0.0048 * x + 1.0755E-005
R = 0.9992
DL = 0.001377 ppb
BEC = 0.002225 ppb

Weight: <None>
Min Conc: <None>

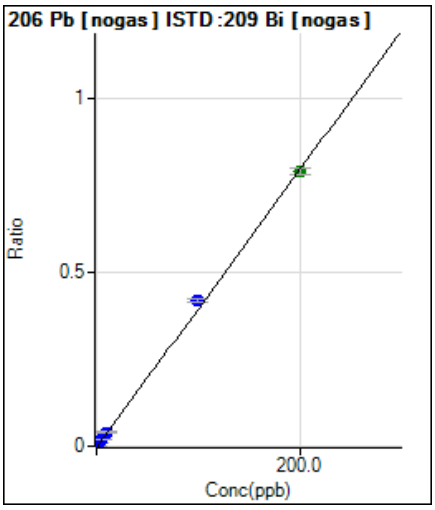
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	60.00	0.0000	P	42.5	
2	☐	2.000	1.965	57828.48	0.0230	P	5.4	-1.7
3	☐	5.000	4.803	141009.88	0.0562	P	2.5	-3.9
4	☐	10.000	9.907	284950.40	0.1159	P	3.4	-0.9
5	☐	100.000	100.656	2780997.56	1.1774	A	0.6	0.7
6	☐	200.000	199.682	5435152.42	2.3358	A	2.9	-0.2
7	☐	1.000						

y = 0.0117 * x + 2.4143E-005
R = 1.0000
DL = 0.00263 ppb
BEC = 0.002064 ppb

Weight: <None>
Min Conc: <None>

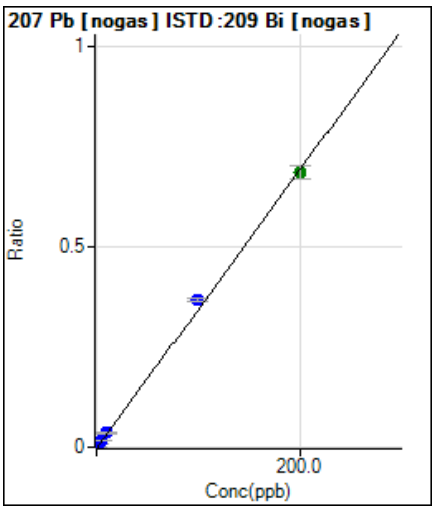


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	290.01	0.0001	P	15.0	
2	☐	2.000	1.880	19248.19	0.0077	P	3.8	-6.0
3	☐	5.000	4.872	49307.67	0.0197	P	1.7	-2.6
4	☐	10.000	10.010	98966.91	0.0403	P	3.4	0.1
5	☐	100.000	104.859	993300.66	0.4206	P	1.5	4.9
6	☐	200.000	197.574	1843870.75	0.7924	A	2.5	-1.2
7	☐	1.000						

y = 0.0040 * x + 1.1708E-004
R = 0.9996
DL = 0.01317 ppb
BEC = 0.0292 ppb

Weight: <None>
Min Conc: <None>

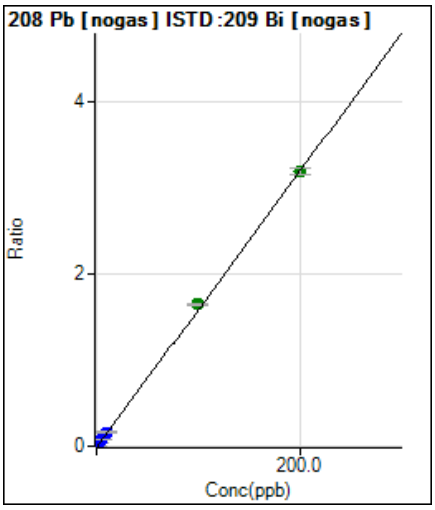
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	286.68	0.0001	P	5.9	
2	☐	2.000	1.930	17212.60	0.0068	P	5.8	-3.5
3	☐	5.000	4.880	42989.70	0.0171	P	1.7	-2.4
4	☐	10.000	10.091	86805.47	0.0353	P	2.3	0.9
5	☐	100.000	105.920	872695.74	0.3695	P	2.2	5.9
6	☐	200.000	197.039	1599258.15	0.6873	A	4.3	-1.5
7	☐	1.000						

y = 0.0035 * x + 1.1575E-004
R = 0.9994
DL = 0.005894 ppb
BEC = 0.03319 ppb

Weight: <None>
Min Conc: <None>

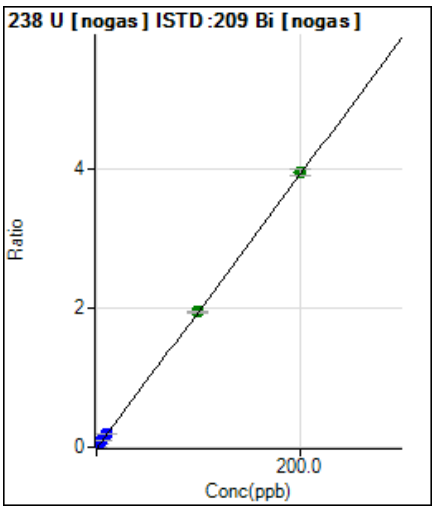


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1146.71	0.0005	P	11.1	
2	☐	2.000	1.927	78765.74	0.0313	P	4.0	-3.7
3	☐	5.000	4.860	196522.96	0.0783	P	0.8	-2.8
4	☐	10.000	10.064	397543.14	0.1617	P	2.7	0.6
5	☐	100.000	102.432	3877093.67	1.6416	A	1.1	2.4
6	☐	200.000	198.785	7412140.10	3.1853	A	2.8	-0.6
7	☐	1.000						

y = 0.0160 * x + 4.6337E-004
R = 0.9999
DL = 0.009669 ppb
BEC = 0.02892 ppb

Weight: <None>
Min Conc: <None>

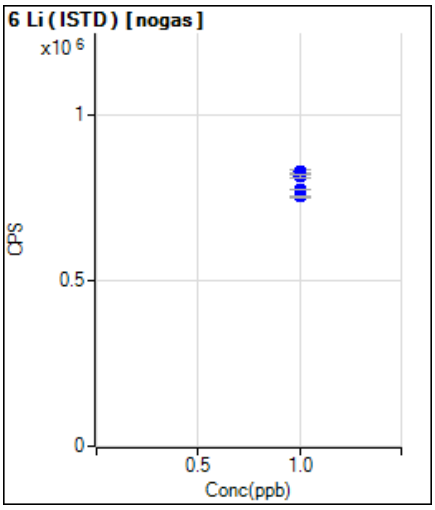
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	46.67	0.0000	P	23.1	
2	☐	2.000	1.874	92810.94	0.0369	P	4.7	-6.3
3	☐	5.000	4.632	228882.85	0.0912	P	1.8	-7.4
4	☐	10.000	9.647	467086.58	0.1900	P	2.7	-3.5
5	☐	100.000	98.656	4588808.06	1.9430	A	1.1	-1.3
6	☐	200.000	200.700	9197606.74	3.9527	A	2.9	0.4
7	☐	1.000						

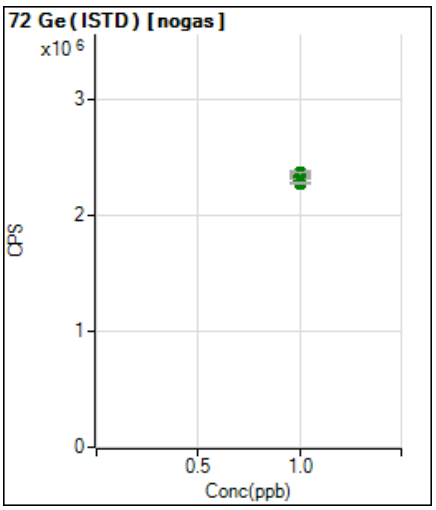
y = 0.0197 * x + 1.8807E-005
R = 1.0000
DL = 0.0006607 ppb
BEC = 0.000955 ppb

Weight: <None>
Min Conc: <None>

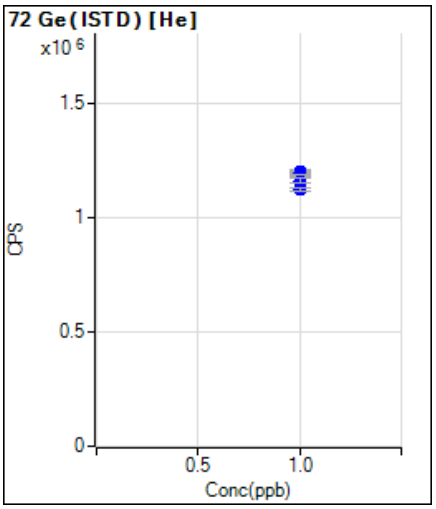


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		829172.24		P	0.7	
2	☐	1.000		822797.03		P	0.5	
3	☐	1.000		821616.87		P	0.6	
4	☐	1.000		814084.58		P	1.0	
5	☐	1.000		774923.16		P	0.3	
6	☐	1.000		752044.56		P	0.9	
7	☐	1.000						

Calibration for 239_ICV.d

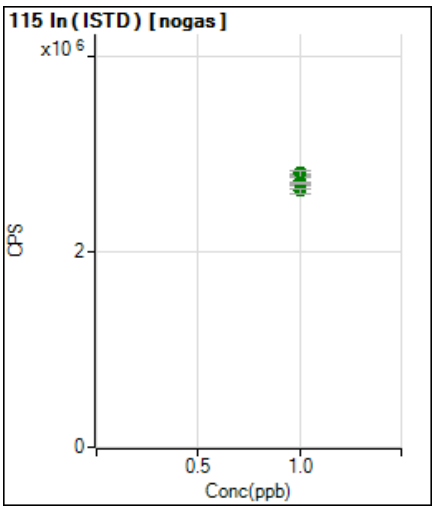


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2374121.48		A	1.1	
2	☐	1.000		2346629.39		A	1.4	
3	☐	1.000		2330856.01		A	1.3	
4	☐	1.000		2343539.60		A	2.6	
5	☐	1.000		2297648.35		A	1.2	
6	☐	1.000		2278908.51		A	0.6	
7	☐	1.000						

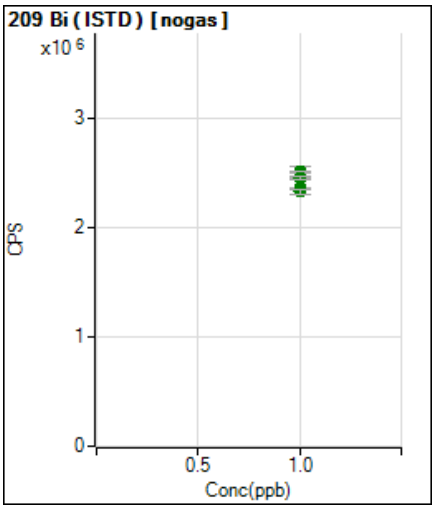


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1202071.91		P	1.0	
2	☐	1.000		1203346.49		P	1.0	
3	☐	1.000		1197099.49		P	1.1	
4	☐	1.000		1188636.26		P	0.6	
5	☐	1.000		1162080.74		P	1.8	
6	☐	1.000		1124298.55		P	1.1	
7	☐	1.000						

Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2772566.30		A	1.2	
2	☐	1.000		2728206.04		A	3.2	
3	☐	1.000		2812893.41		A	0.7	
4	☐	1.000		2793341.44		A	2.1	
5	☐	1.000		2703482.09		A	0.9	
6	☐	1.000		2618476.39		A	1.8	
7	☐	1.000						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2475474.03		A	1.6	
2	☐	1.000		2515778.92		A	3.5	
3	☐	1.000		2508864.13		A	0.8	
4	☐	1.000		2458825.90		A	1.3	
5	☐	1.000		2361859.13		A	0.6	
6	☐	1.000		2327736.21		A	1.8	
7	☐	1.000						

Initial Calibration Verification (ICV) Report

Sample Table

Sample Name	ICCV
Data File Name	239_ICV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T21:03:35-06:00
Sample Type	ICV
Dilution	1
Comment	
ISTD Ref File Name	229CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	99.285	0.678	348320	1.16	100	99.3	90	110	
B	11	1	nogas	496.069	2.310	1109910	2.78	500	99.2	90	110	
Al	27	1	nogas	102.890	5.269	1291797	3.47	100	102.9	90	110	
P	31	1	nogas	507.396	0.434	383416	1.38	500	101.5	90	110	
Ti	47	1	nogas	99.498	1.539	156240	1.06	100	99.5	90	110	
Ni	60	1	nogas	101.212	0.389	449756	1.99	100	101.2	90	110	
Cu	63	1	nogas	104.782	0.379	1052512	1.48	100	104.8	90	110	
Zn	66	1	nogas	101.681	1.048	288154	1.16	100	101.7	90	110	
Se	77	1	nogas	99.055	2.573	19087	0.32	100	99.1	90	110	
Se	82	1	nogas	101.677	2.621	20482	3.92	100	101.7	90	110	
Sr	88	1	nogas	98.525	1.079	3042500	1.42	100	98.5	90	110	
Mo	95	1	nogas	96.978	0.990	606140	1.09	100	97.0	90	110	
Ag	107	1	nogas	100.382	3.269	1443379	2.85	100	100.4	90	110	
Cd	111	1	nogas	98.796	1.668	315226	1.81	100	98.8	90	110	
Sn	118	1	nogas	103.705	1.714	962951	1.67	100	103.7	90	110	
Sb	121	1	nogas	107.122	0.572	1236190	2.04	100	107.1	90	110	
Ba	137	1	nogas	98.099	2.299	524504	2.61	100	98.1	90	110	
Tl	205	1	nogas	98.239	0.717	2711969	0.30	100	98.2	90	110	
Pb	208	1	nogas	101.452	2.361	3836854	1.89	100	101.5	90	110	
U	238	1	nogas	98.259	1.945	4566648	1.34	100	98.3	90	110	
Li	7	1	nogas	99.769	1.655	1124182	2.03	100	99.8	90	110	
Si	28	1	nogas	5187.464	2.001	3648944	1.17	5000	103.7	90	110	
Ba	135	1	nogas	98.943	0.994	301358	1.42	100	98.9	90	110	
Tl	203	1	nogas	106.270	2.570	1212210	1.96	100	106.3	90	110	
Na	23	2	He	10021.529	1.840	17507662	1.47	10000	100.2	90	110	
Mg	24	2	He	10003.195	1.339	11517452	1.89	10000	100.0	90	110	
Al	27	2	He	100.859	1.553	105538	2.95	100	100.9	90	110	
K	39	2	He	9878.880	0.360	17588801	3.46	10000	98.8	90	110	
Ca	43	2	He	9775.041	1.131	53456	2.73	10000	97.8	90	110	
Ca	44	2	He	9986.934	0.262	894606	3.30	10000	99.9	90	110	
V	51	2	He	101.502	0.524	912439	2.69	100	101.5	90	110	
Cr	52	2	He	101.837	0.351	949085	2.86	100	101.8	90	110	
Mn	55	2	He	101.989	0.366	874629	2.99	100	102.0	90	110	
Fe	56	2	He	9856.452	0.634	84836604	2.93	10000	98.6	90	110	
Co	59	2	He	102.097	0.268	1259483	3.13	100	102.1	90	110	
Ni	60	2	He	99.533	0.605	308234	2.61	100	99.5	90	110	
Cu	63	2	He	103.463	1.056	770117	2.16	100	103.5	90	110	
Zn	66	2	He	100.376	1.134	172205	2.86	100	100.4	90	110	
As	75	2	He	99.375	1.003	134907	3.79	100	99.4	90	110	
Sb	121	2	He	105.624	0.428	924000	2.78	100	105.6	90	110	
Se	78	2	He	100.740	0.177	17671	3.11	100	100.7	90	110	
Ti	47	2	He	96.685	0.145	42385	3.34	100	96.7	90	110	

QC ISTD Table

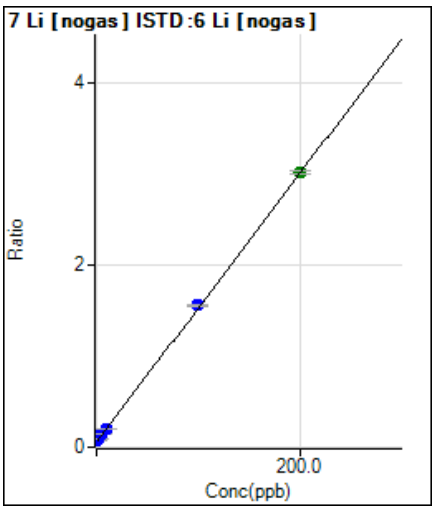
Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2305786	1.80	2374121	97.12	70	120	
In	115	1	nogas	2698590	0.44	2772566	97.33	70	120	
Li	6	1	nogas	780879	0.48	829172	94.18	70	120	
Bi	209	1	nogas	2360018	0.61	2475474	95.34	70	120	
Ge	72	2	He	1154039	3.20	1202072	96.00	70	120	

Calibration for 270_ICV.d

Batch Folder:	C:\Agilent\ICPMH\1\DATA\012621A.b\
Analysis File:	012621A.batch.bin
DA Date-Time:	1/26/2021 11:00:38 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	

Level	Standard Data File	Sample Name	Acq. Date-Time
1	263CALB.d	CAL BLK	1/26/2021 10:19:28 PM
2	264CALS.d	2/10/200	1/26/2021 10:21:30 PM
3	265CALS.d	5/25/500	1/26/2021 10:23:32 PM
4	266CALS.d	10/50/1000	1/26/2021 10:25:33 PM
5	267CALS.d	100/500/10K	1/26/2021 10:27:34 PM
6	268CALS.d	200/1000/20K	1/26/2021 10:29:33 PM
7			

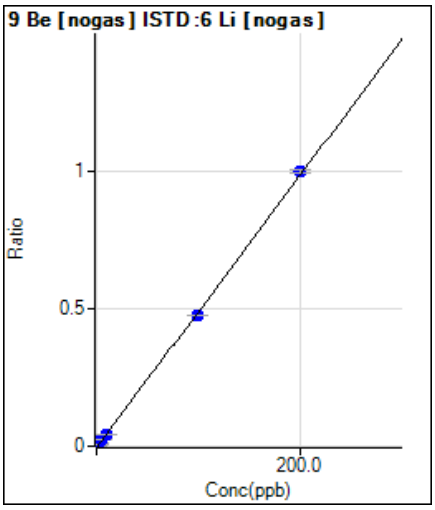
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	47534.77	0.0702	P	0.6	
2	☐	2.000	1.865	65814.48	0.0978	P	0.7	-6.7
3	☐	5.000	4.619	93589.13	0.1385	P	0.6	-7.6
4	☐	10.000	9.335	139834.43	0.2081	P	0.4	-6.7
5	☐	100.000	100.794	991151.18	1.5590	P	0.8	0.8
6	☐	200.000	199.647	1836153.98	3.0192	A	1.0	-0.2
7	☐	1.000						

y = 0.0148 * x + 0.0702
R = 1.0000
DL = 0.08215 ppb
BEC = 4.756 ppb

Weight: <None>
Min Conc: <None>

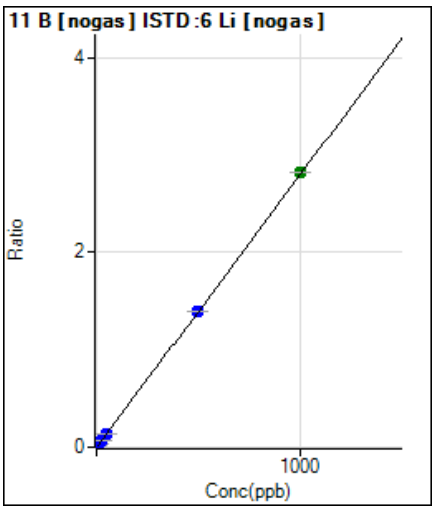


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	26.67	0.0000	P	76.0	
2	☐	2.000	1.798	5997.64	0.0089	P	2.9	-10.
3	☐	5.000	4.329	14468.85	0.0214	P	3.5	-13.
4	☐	10.000	8.724	28955.06	0.0431	P	1.8	-12.
5	☐	100.000	96.137	301682.43	0.4745	P	0.6	-3.9
6	☐	200.000	202.014	606380.94	0.9970	P	0.7	1.0
7	☐	1.000						

y = 0.0049 * x + 3.9440E-005
R = 0.9997
DL = 0.01821 ppb
BEC = 0.007991 ppb

Weight: <None>
Min Conc: <None>

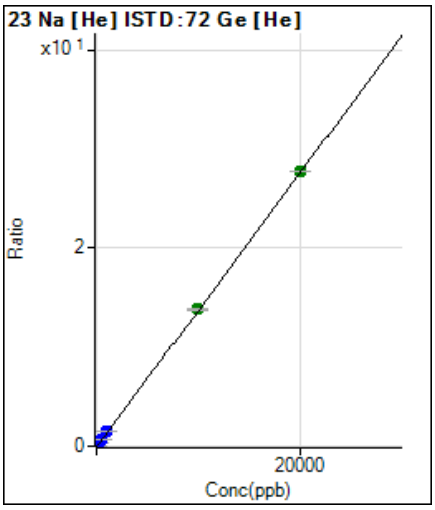
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7501.51	0.0111	P	4.3	
2	☐	10.000	9.150	24699.21	0.0367	P	1.1	-8.5
3	☐	25.000	22.752	50535.99	0.0748	P	2.2	-9.0
4	☐	50.000	45.690	93382.34	0.1390	P	0.9	-8.6
5	☐	500.000	491.705	882204.93	1.3876	P	0.2	-1.7
6	☐	1000.000	1004.427	1716917.68	2.8229	A	0.3	0.4
7	☐	5.000						

y = 0.0028 * x + 0.0111
R = 1.0000
DL = 0.5065 ppb
BEC = 3.959 ppb

Weight: <None>
Min Conc: <None>

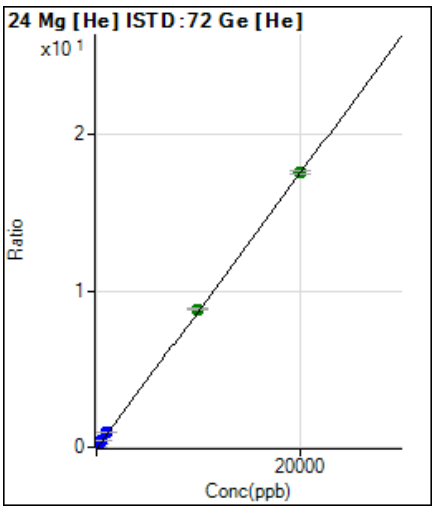


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	25070.10	0.0304	P	1.7	
2	☐	200.000	203.977	260246.47	0.3131	P	0.9	2.0
3	☐	500.000	508.836	606127.36	0.7358	P	1.2	1.8
4	☐	1000.000	1031.271	1200071.96	1.4600	P	0.7	3.1
5	☐	10000.00	9960.365	11295296.91	13.8382	A	1.0	-0.4
6	☐	20000.00	20017.99	22321930.50	27.7809	A	0.3	0.1
7	☐	100.000						

y = 0.0014 * x + 0.0304
R = 1.0000
DL = 1.094 ppb
BEC = 21.91 ppb

Weight: <None>
Min Conc: <None>

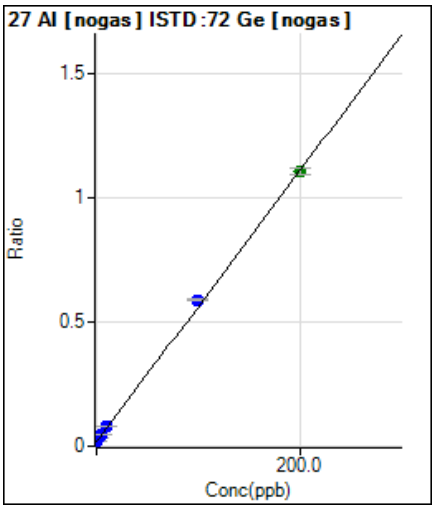
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1586.77	0.0019	P	5.0	
2	☐	200.000	208.683	154278.34	0.1856	P	0.4	4.3
3	☐	500.000	515.281	375320.37	0.4556	P	1.0	3.1
4	☐	1000.000	1041.079	754990.33	0.9185	P	0.5	4.1
5	☐	10000.00	10039.44	7215636.35	8.8408	A	1.3	0.4
6	☐	20000.00	19977.75	14133547.71	17.5906	A	0.9	-0.1
7	☐	100.000						

y = 8.8041E-004 * x + 0.0019
R = 1.0000
DL = 0.3286 ppb
BEC = 2.184 ppb

Weight: <None>
Min Conc: <None>

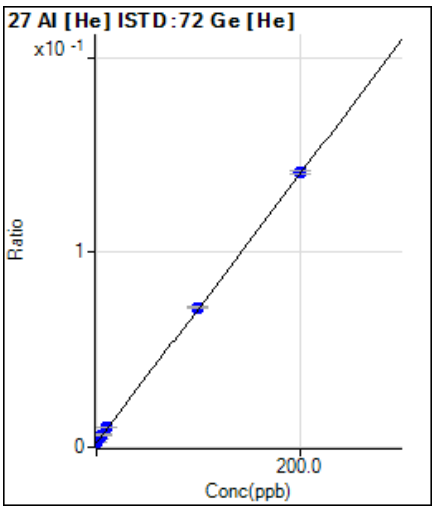


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	43122.56	0.0226	P	3.0	
2	☐	2.000	1.834	62031.42	0.0327	P	3.1	-8.3
3	☐	5.000	4.836	92892.87	0.0491	P	3.1	-3.3
4	☐	10.000	10.274	149579.70	0.0788	P	0.7	2.7
5	☐	100.000	103.399	1108493.26	0.5882	P	0.9	3.4
6	☐	200.000	198.293	2060021.74	1.1073	A	2.4	-0.9
7	☐	1.000						

y = 0.0055 * x + 0.0226
R = 0.9998
DL = 0.3698 ppb
BEC = 4.137 ppb

Weight: <None>
Min Conc: <None>

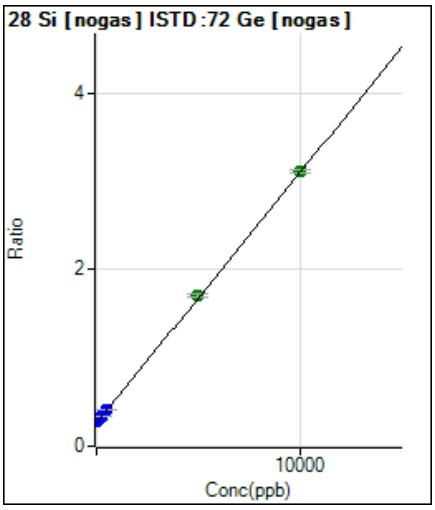
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2383.52	0.0029	P	3.0	
2	☐	2.000	1.862	3467.05	0.0042	P	5.7	-6.9
3	☐	5.000	4.875	5150.80	0.0063	P	11.0	-2.5
4	☐	10.000	10.809	8498.70	0.0103	P	3.9	8.1
5	☐	100.000	99.433	58326.16	0.0715	P	1.1	-0.6
6	☐	200.000	200.247	113284.84	0.1410	P	0.7	0.1
7	☐	1.000						

y = 6.8964E-004 * x + 0.0029
R = 1.0000
DL = 0.3752 ppb
BEC = 4.188 ppb

Weight: <None>
Min Conc: <None>

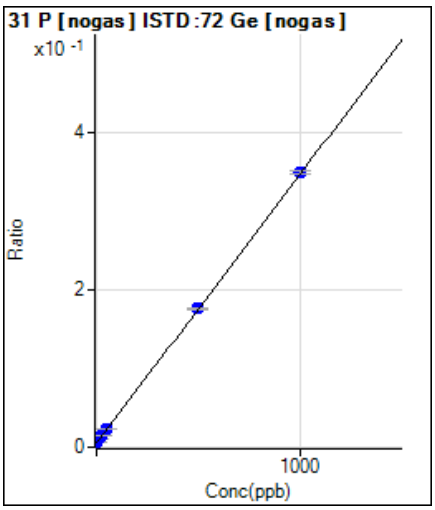


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	528742.76	0.2775	P	1.3	
2	☐	100.000	87.352	574048.10	0.3023	P	1.7	-12.
3	☐	250.000	230.078	648658.31	0.3428	P	1.6	-8.0
4	☐	500.000	464.904	776918.32	0.4095	P	0.7	-7.0
5	☐	5000.000	5018.116	3206793.80	1.7021	A	2.2	0.4
6	☐	10000.00	9993.321	5792929.08	3.1145	A	0.7	-0.1
7	☐	50.000						

y = 2.8389E-004 * x + 0.2775
R = 1.0000
DL = 38.45 ppb
BEC = 977.4 ppb

Weight: <None>
Min Conc: <None>

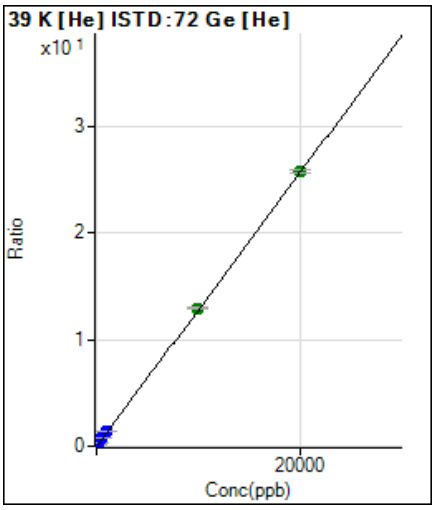
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13078.03	0.0069	P	1.9	
2	☐	10.000	10.281	19697.18	0.0104	P	3.0	2.8
3	☐	25.000	25.532	29479.89	0.0156	P	0.7	2.1
4	☐	50.000	49.304	44950.21	0.0237	P	2.5	-1.4
5	☐	500.000	494.996	331305.96	0.1758	P	1.2	-1.0
6	☐	1000.000	1002.521	649191.68	0.3491	P	1.1	0.3
7	☐	5.000						

y = 3.4135E-004 * x + 0.0069
R = 1.0000
DL = 1.158 ppb
BEC = 20.1 ppb

Weight: <None>
Min Conc: <None>

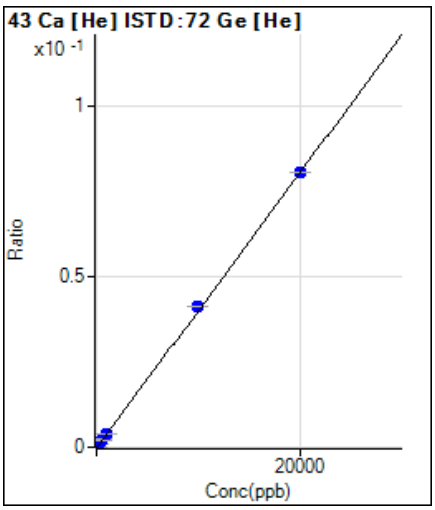


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	75009.23	0.0909	P	1.0	
2	☐	200.000	204.091	293480.85	0.3532	P	1.2	2.0
3	☐	500.000	505.584	610121.16	0.7406	P	0.3	1.1
4	☐	1000.000	1023.220	1155433.26	1.4058	P	1.6	2.3
5	☐	10000.00	10001.88	10564823.17	12.9442	A	1.2	0.0
6	☐	20000.00	19997.71	20721041.36	25.7896	A	1.2	0.0
7	☐	100.000						

y = 0.0013 * x + 0.0909
R = 1.0000
DL = 2.166 ppb
BEC = 70.72 ppb

Weight: <None>
Min Conc: <None>

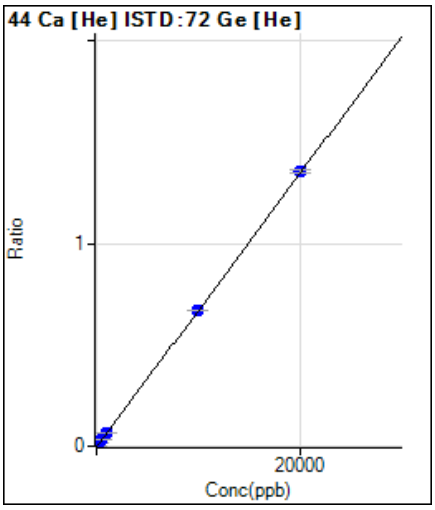
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	90.00	0.0001	P	30.0	
2	☐	200.000	195.204	746.70	0.0009	P	14.1	-2.4
3	☐	500.000	493.929	1736.78	0.0021	P	9.8	-1.2
4	☐	1000.000	920.124	3150.31	0.0038	P	3.3	-8.0
5	☐	10000.00	10167.36	33667.17	0.0412	P	0.2	1.7
6	☐	20000.00	19920.51	64848.95	0.0807	P	0.4	-0.4
7	☐	100.000						

y = 4.0460E-006 * x + 1.0923E-004
R = 0.9999
DL = 24.31 ppb
BEC = 27 ppb

Weight: <None>
Min Conc: <None>

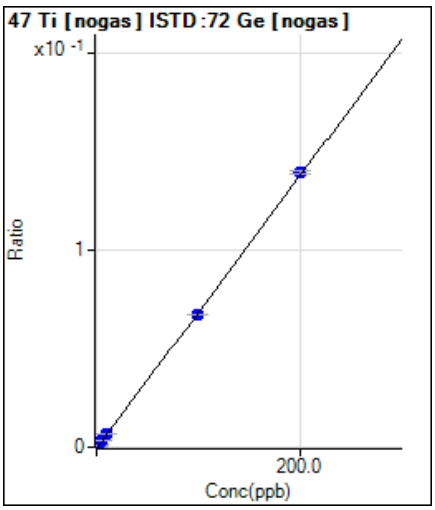


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1520.09	0.0018	P	7.1	
2	☐	200.000	191.843	12287.57	0.0148	P	1.0	-4.1
3	☐	500.000	468.306	27550.54	0.0334	P	1.3	-6.3
4	☐	1000.000	955.521	54515.93	0.0663	P	0.4	-4.4
5	☐	10000.00	9895.139	546505.02	0.6695	P	0.2	-1.0
6	☐	20000.00	20055.52	1088819.72	1.3551	P	0.6	0.3
7	☐	100.000						

y = 6.7477E-005 * x + 0.0018
R = 1.0000
DL = 5.83 ppb
BEC = 27.29 ppb

Weight: <None>
Min Conc: <None>

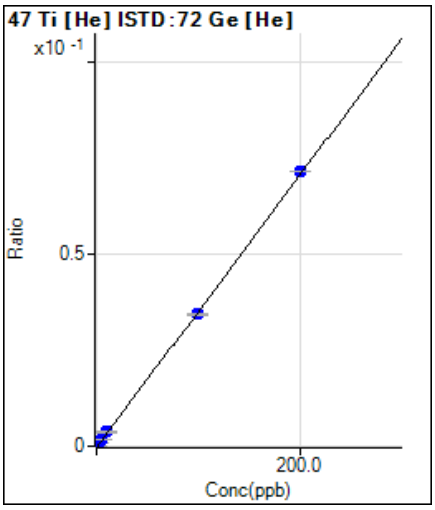
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	83.33	0.0000	P	18.1	
2	☐	2.000	1.754	2386.86	0.0013	P	8.1	-12.
3	☐	5.000	4.395	5837.67	0.0031	P	1.0	-12.
4	☐	10.000	9.242	12217.49	0.0064	P	1.4	-7.6
5	☐	100.000	97.152	126756.56	0.0673	P	0.9	-2.8
6	☐	200.000	201.479	259380.04	0.1395	P	0.8	0.7
7	☐	1.000						

y = 6.9196E-004 * x + 4.3723E-005
R = 0.9999
DL = 0.03439 ppb
BEC = 0.06319 ppb

Weight: <None>
Min Conc: <None>

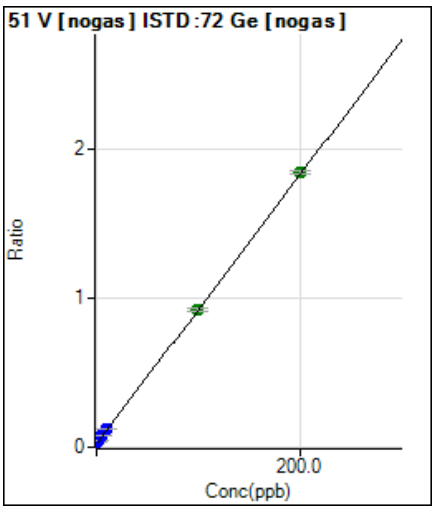


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13.33	0.0000	P	173.	
2	☐	2.000	2.181	656.69	0.0008	P	8.2	9.0
3	☐	5.000	4.891	1443.41	0.0018	P	16.8	-2.2
4	☐	10.000	10.432	3053.64	0.0037	P	8.6	4.3
5	☐	100.000	96.638	28004.61	0.0343	P	1.6	-3.4
6	☐	200.000	201.660	57511.75	0.0716	P	0.4	0.8
7	☐	1.000						

y = 3.5486E-004 * x + 1.5996E-005
R = 0.9998
DL = 0.2342 ppb
BEC = 0.04508 ppb

Weight: <None>
Min Conc: <None>

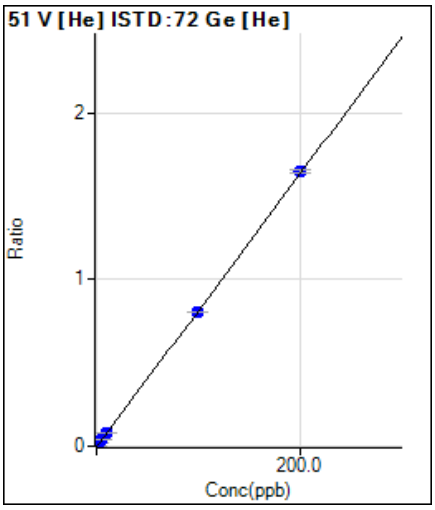
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	59377.93	0.0312	P	2.2	
2	☐	2.000	2.014	93727.96	0.0494	P	2.6	0.7
3	☐	5.000	5.059	145439.37	0.0769	P	2.3	1.2
4	☐	10.000	10.080	231891.82	0.1222	P	1.7	0.8
5	☐	100.000	98.328	1732239.09	0.9194	A	2.0	-1.7
6	☐	200.000	200.830	3431807.14	1.8453	A	1.4	0.4
7	☐	1.000						

y = 0.0090 * x + 0.0312
R = 0.9999
DL = 0.2325 ppb
BEC = 3.449 ppb

Weight: <None>
Min Conc: <None>

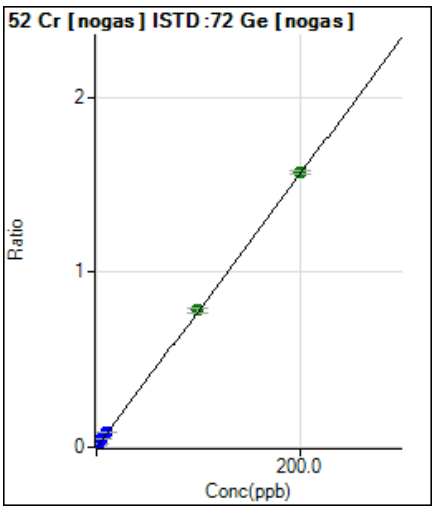


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1886.77	0.0023	P	7.2	
2	☐	2.000	1.859	14564.62	0.0175	P	3.4	-7.1
3	☐	5.000	4.675	33461.06	0.0406	P	1.5	-6.5
4	☐	10.000	9.576	66417.55	0.0808	P	1.0	-4.2
5	☐	100.000	98.331	659958.36	0.8085	P	0.2	-1.7
6	☐	200.000	200.865	1325115.57	1.6492	P	0.7	0.4
7	☐	1.000						

y = 0.0082 * x + 0.0023
R = 1.0000
DL = 0.06007 ppb
BEC = 0.2789 ppb

Weight: <None>
Min Conc: <None>

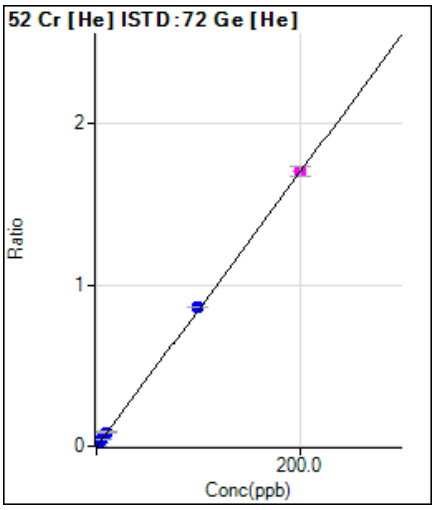
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	11950.65	0.0063	P	4.2	
2	☐	2.000	2.135	43574.62	0.0229	P	2.0	6.8
3	☐	5.000	4.931	84718.82	0.0448	P	0.5	-1.4
4	☐	10.000	10.112	161691.99	0.0852	P	2.7	1.1
5	☐	100.000	99.354	1473159.09	0.7820	A	3.0	-0.6
6	☐	200.000	200.318	2920171.52	1.5702	A	1.2	0.2
7	☐	1.000						

y = 0.0078 * x + 0.0063
R = 1.0000
DL = 0.1012 ppb
BEC = 0.8033 ppb

Weight: <None>
Min Conc: <None>

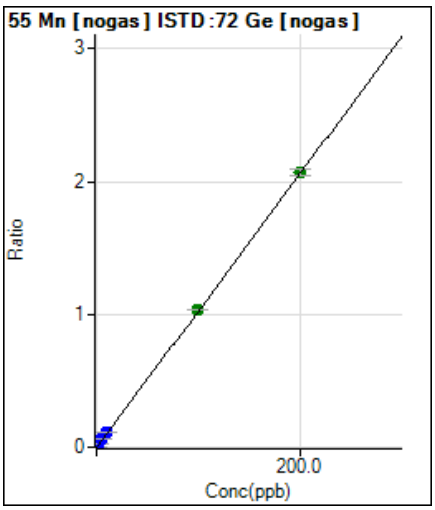


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2046.81	0.0025	P	7.5	
2	☐	2.000	1.986	16137.21	0.0194	P	2.2	-0.7
3	☐	5.000	4.819	35898.21	0.0436	P	2.2	-3.6
4	☐	10.000	9.899	71423.69	0.0869	P	1.8	-1.0
5	☐	100.000	100.838	703849.00	0.8623	P	0.6	0.8
6	☐	200.000	199.591	1369517.58	1.7044	M	3.2	-0.2
7	☐	1.000						

y = 0.0085 * x + 0.0025
R = 1.0000
DL = 0.0657 ppb
BEC = 0.2907 ppb

Weight: <None>
Min Conc: <None>

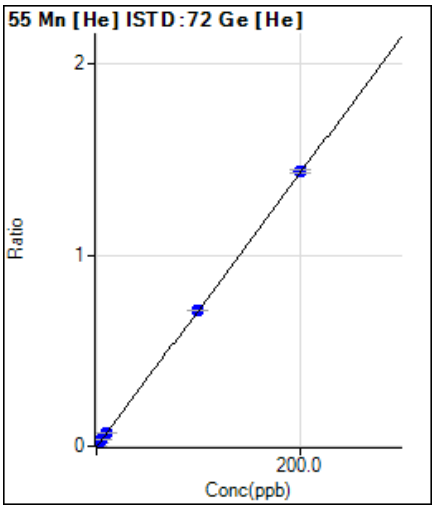
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10429.74	0.0055	P	3.6	
2	☐	2.000	2.111	51782.35	0.0273	P	3.1	5.6
3	☐	5.000	4.930	106658.25	0.0564	P	0.6	-1.4
4	☐	10.000	10.058	207371.50	0.1093	P	1.5	0.6
5	☐	100.000	99.997	1955497.52	1.0377	A	0.6	0.0
6	☐	200.000	199.999	3849585.67	2.0700	A	2.2	0.0
7	☐	1.000						

y = 0.0103 * x + 0.0055
R = 1.0000
DL = 0.05754 ppb
BEC = 0.5301 ppb

Weight: <None>
Min Conc: <None>

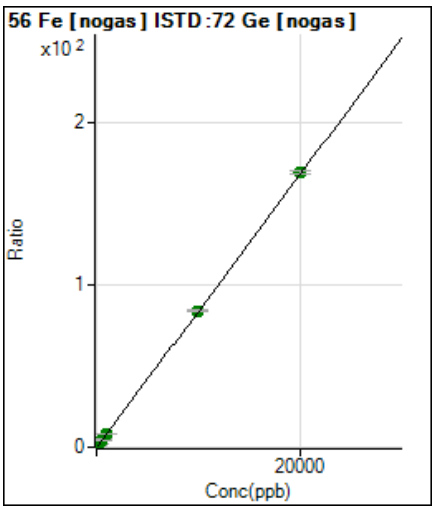


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2156.83	0.0026	P	14.6	
2	☐	2.000	2.094	14635.94	0.0176	P	2.1	4.7
3	☐	5.000	4.603	29306.71	0.0356	P	1.0	-7.9
4	☐	10.000	9.541	58308.09	0.0709	P	1.3	-4.6
5	☐	100.000	99.177	581834.07	0.7128	P	0.5	-0.8
6	☐	200.000	200.443	1155420.79	1.4380	P	0.9	0.2
7	☐	1.000						

y = 0.0072 * x + 0.0026
R = 1.0000
DL = 0.1603 ppb
BEC = 0.3649 ppb

Weight: <None>
Min Conc: <None>

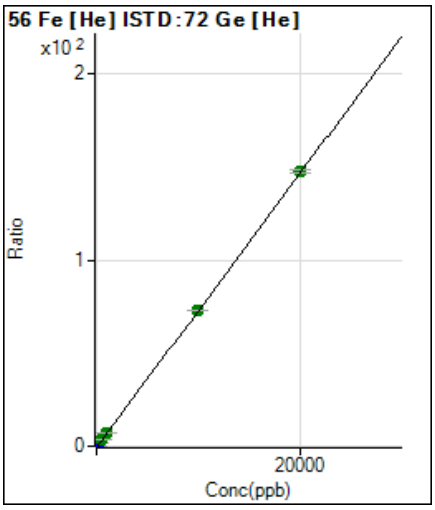
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1005618.24	0.5277	P	0.5	
2	☐	200.000	196.088	4133781.81	2.1766	A	1.2	-2.0
3	☐	500.000	479.067	8621323.00	4.5561	A	1.9	-4.2
4	☐	1000.000	956.819	16267402.26	8.5735	A	0.6	-4.3
5	☐	10000.00	9880.767	157547537.6	83.6138	A	1.2	-1.2
6	☐	20000.00	20062.33	314710361.9	169.229	A	1.7	0.3
7	☐	100.000						

y = 0.0084 * x + 0.5277
R = 1.0000
DL = 1.02 ppb
BEC = 62.76 ppb

Weight: <None>
Min Conc: <None>

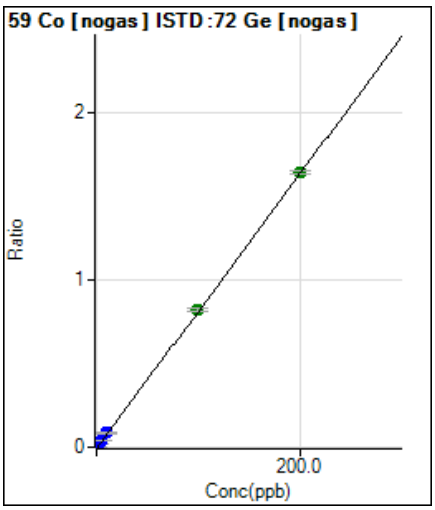


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	18866.54	0.0229	P	1.6	
2	☐	200.000	207.066	1286545.68	1.5481	P	1.2	3.5
3	☐	500.000	491.986	3004353.50	3.6468	A	0.6	-1.6
4	☐	1000.000	977.428	5936345.33	7.2226	A	1.4	-2.3
5	☐	10000.00	9905.825	59575619.12	72.9894	A	0.6	-0.9
6	☐	20000.00	20048.34	118671054.9	147.699	A	1.4	0.2
7	☐	100.000						

y = 0.0074 * x + 0.0229
R = 1.0000
DL = 0.1527 ppb
BEC = 3.104 ppb

Weight: <None>
Min Conc: <None>

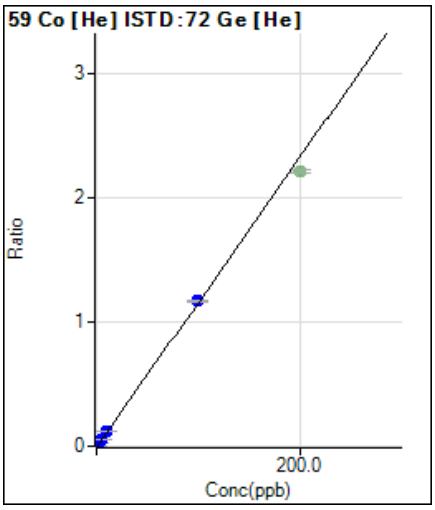
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	323.34	0.0002	P	14.0	
2	☐	2.000	2.072	32712.51	0.0172	P	1.7	3.6
3	☐	5.000	5.125	80126.39	0.0423	P	2.7	2.5
4	☐	10.000	10.294	161051.65	0.0849	P	1.4	2.9
5	☐	100.000	99.894	1549184.61	0.8222	A	1.8	-0.1
6	☐	200.000	200.034	3061704.02	1.6463	A	1.3	0.0
7	☐	1.000						

y = 0.0082 * x + 1.6957E-004
R = 1.0000
DL = 0.008674 ppb
BEC = 0.02061 ppb

Weight: <None>
Min Conc: <None>

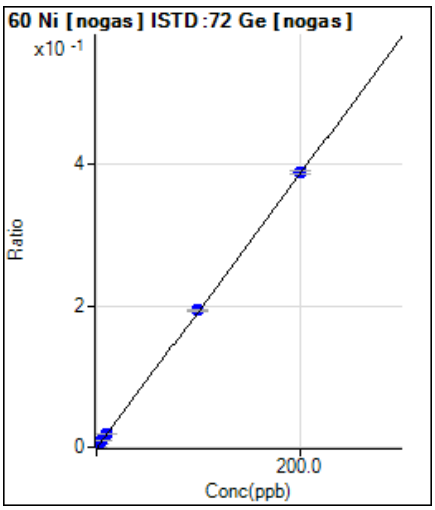


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	146.67	0.0002	P	22.6	
2	☐	2.000	1.937	18963.28	0.0228	P	4.5	-3.1
3	☐	5.000	4.779	46167.80	0.0560	P	1.5	-4.4
4	☐	10.000	9.770	94024.29	0.1144	P	0.2	-2.3
5	☐	100.000	100.035	954609.67	1.1695	P	0.8	0.0
6	☑	200.000		1776390.97	2.2109	A	0.9	
7	☐	1.000						

y = 0.0117 * x + 1.7793E-004
R = 1.0000
DL = 0.01032 ppb
BEC = 0.01522 ppb

Weight: <None>
Min Conc: <None>

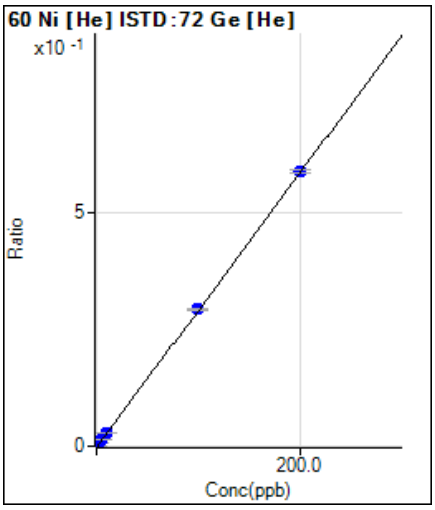
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	496.68	0.0003	P	12.8	
2	☐	2.000	1.937	7628.36	0.0040	P	2.8	-3.2
3	☐	5.000	4.898	18466.10	0.0098	P	2.5	-2.0
4	☐	10.000	9.793	36532.97	0.0193	P	1.2	-2.1
5	☐	100.000	99.624	364546.77	0.1935	P	0.6	-0.4
6	☐	200.000	200.201	722636.68	0.3885	P	0.7	0.1
7	☐	1.000						

y = 0.0019 * x + 2.6075E-004
R = 1.0000
DL = 0.05172 ppb
BEC = 0.1345 ppb

Weight: <None>
Min Conc: <None>

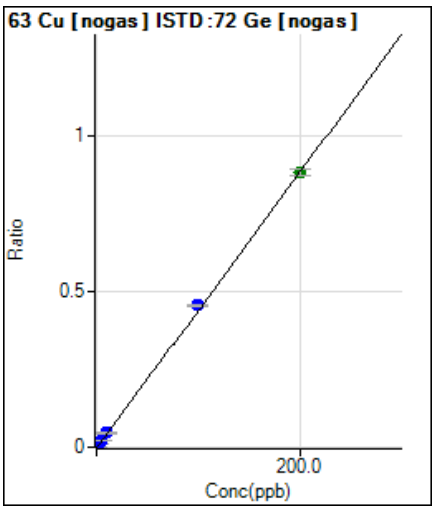


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	283.34	0.0003	P	41.4	
2	☐	2.000	1.914	4950.74	0.0060	P	7.3	-4.3
3	☐	5.000	4.941	12220.87	0.0148	P	1.2	-1.2
4	☐	10.000	9.900	24142.75	0.0294	P	1.9	-1.0
5	☐	100.000	99.801	239177.53	0.2930	P	0.9	-0.2
6	☐	200.000	200.107	471775.14	0.5872	P	1.3	0.1
7	☐	1.000						

y = 0.0029 * x + 3.4401E-004
R = 1.0000
DL = 0.1457 ppb
BEC = 0.1173 ppb

Weight: <None>
Min Conc: <None>

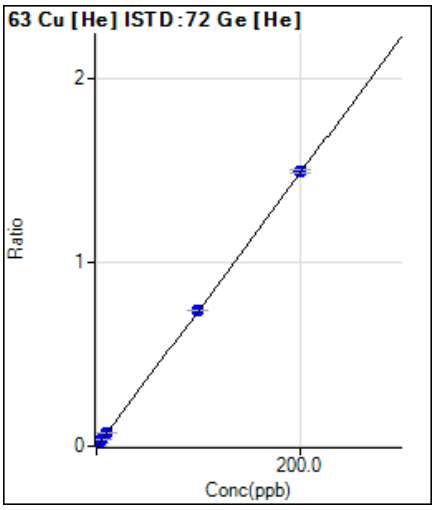
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1506.75	0.0008	P	9.8	
2	☐	2.000	1.954	17995.68	0.0095	P	4.6	-2.3
3	☐	5.000	5.028	43789.08	0.0231	P	3.5	0.6
4	☐	10.000	10.111	86753.04	0.0457	P	2.0	1.1
5	☐	100.000	102.469	859510.19	0.4561	P	1.4	2.5
6	☐	200.000	198.760	1644171.90	0.8840	A	2.1	-0.6
7	☐	1.000						

y = 0.0044 * x + 7.9092E-004
R = 0.9999
DL = 0.05214 ppb
BEC = 0.178 ppb

Weight: <None>
Min Conc: <None>

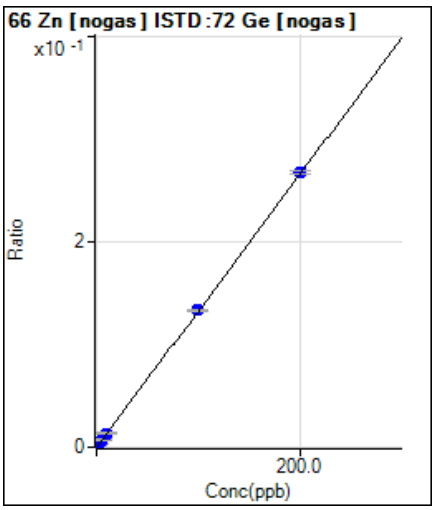


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	843.37	0.0010	P	11.1	
2	☐	2.000	2.031	13415.10	0.0161	P	1.5	1.6
3	☐	5.000	4.833	30482.16	0.0370	P	1.6	-3.3
4	☐	10.000	9.843	61054.39	0.0743	P	2.3	-1.6
5	☐	100.000	99.050	602597.43	0.7383	P	1.0	-1.0
6	☐	200.000	200.487	1199858.18	1.4933	P	1.3	0.2
7	☐	1.000						

y = 0.0074 * x + 0.0010
R = 1.0000
DL = 0.04573 ppb
BEC = 0.1374 ppb

Weight: <None>
Min Conc: <None>

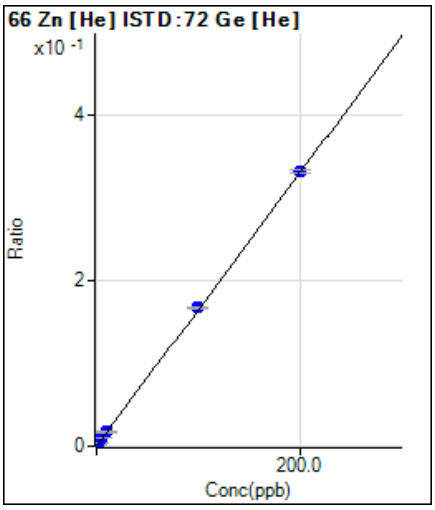
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2130.16	0.0011	P	8.2	
2	☐	2.000	1.861	6828.07	0.0036	P	5.7	-6.9
3	☐	5.000	4.592	13685.30	0.0072	P	2.7	-8.2
4	☐	10.000	9.415	25911.99	0.0137	P	3.0	-5.9
5	☐	100.000	99.325	251331.11	0.1334	P	0.5	-0.7
6	☐	200.000	200.378	498314.98	0.2679	P	1.1	0.2
7	☐	1.000						

y = 0.0013 * x + 0.0011
R = 1.0000
DL = 0.2072 ppb
BEC = 0.8398 ppb

Weight: <None>
Min Conc: <None>

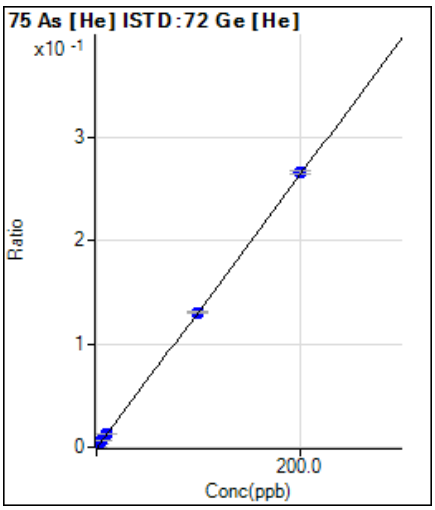


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1530.09	0.0019	P	11.4	
2	☐	2.000	1.689	3853.81	0.0046	P	6.1	-15.
3	☐	5.000	4.443	7561.68	0.0092	P	1.9	-11.
4	☐	10.000	9.334	14168.97	0.0172	P	4.7	-6.7
5	☐	100.000	100.123	136210.40	0.1669	P	1.5	0.1
6	☐	200.000	199.989	266349.61	0.3315	P	0.7	0.0
7	☐	1.000						

y = 0.0016 * x + 0.0019
R = 1.0000
DL = 0.3834 ppb
BEC = 1.125 ppb

Weight: <None>
Min Conc: <None>

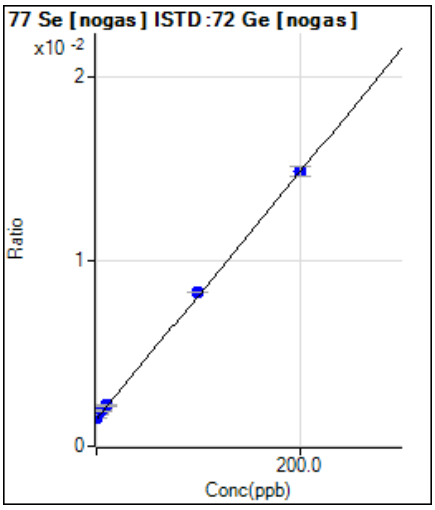
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	136.67	0.0002	P	10.0	
2	☐	2.000	1.919	2249.04	0.0027	P	5.9	-4.0
3	☐	5.000	4.670	5228.55	0.0063	P	2.2	-6.6
4	☐	10.000	9.332	10290.71	0.0125	P	1.5	-6.7
5	☐	100.000	98.288	106321.12	0.1303	P	0.9	-1.7
6	☐	200.000	200.898	213783.73	0.2661	P	1.3	0.4
7	☐	1.000						

y = 0.0013 * x + 1.6553E-004
R = 0.9999
DL = 0.03769 ppb
BEC = 0.1251 ppb

Weight: <None>
Min Conc: <None>

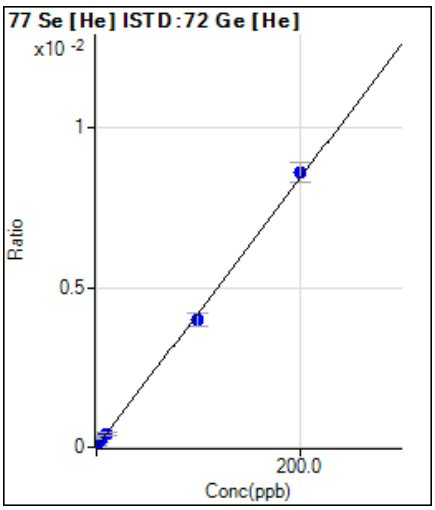


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2946.96	0.0015	P	1.6	
2	☐	2.000	3.086	3327.03	0.0018	P	7.8	54.3
3	☐	5.000	5.883	3670.43	0.0019	P	2.1	17.7
4	☐	10.000	9.996	4200.56	0.0022	P	5.2	0.0
5	☐	100.000	101.166	15653.72	0.0083	P	0.1	1.2
6	☐	200.000	199.384	27667.97	0.0149	P	3.9	-0.3
7	☐	1.000						

y = 6.6828E-005 * x + 0.0015
R = 1.0000
DL = 1.118 ppb
BEC = 23.14 ppb

Weight: <None>
Min Conc: <None>

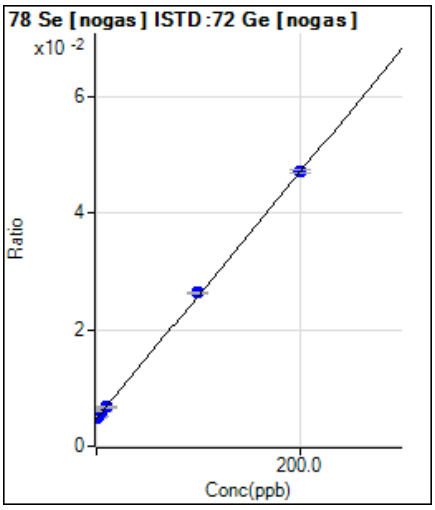
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	40.00	0.0000	P	25.3	
2	☐	2.000	2.379	123.34	0.0001	P	13.2	18.9
3	☐	5.000	5.489	230.01	0.0003	P	15.4	9.8
4	☐	10.000	8.768	343.34	0.0004	P	16.7	-12.
5	☐	100.000	93.288	3240.35	0.0040	P	10.3	-6.7
6	☐	200.000	203.402	6911.43	0.0086	P	6.7	1.7
7	☐	1.000						

y = 4.2056E-005 * x + 4.8481E-005
R = 0.9992
DL = 0.8745 ppb
BEC = 1.153 ppb

Weight: <None>
Min Conc: <None>

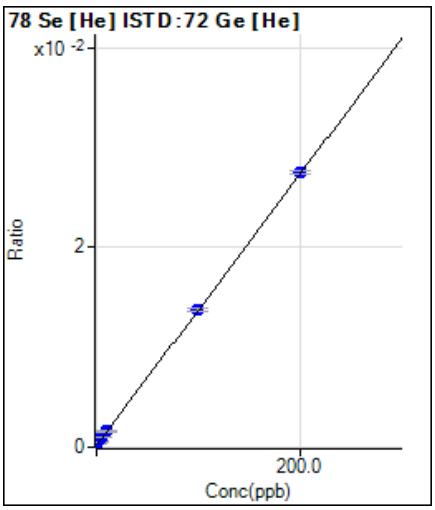


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	9469.30	0.0050	P	3.5	
2	☐	2.000	0.755	9739.44	0.0051	P	3.4	-62.
3	☐	5.000	4.934	11383.75	0.0060	P	3.9	-1.3
4	☐	10.000	8.189	12717.93	0.0067	P	2.7	-18.
5	☐	100.000	101.080	49691.19	0.0264	P	1.7	1.1
6	☐	200.000	199.565	87847.87	0.0472	P	0.9	-0.2
7	☐	1.000						

y = 2.1176E-004 * x + 0.0050
R = 0.9999
DL = 2.445 ppb
BEC = 23.47 ppb

Weight: <None>
Min Conc: <None>

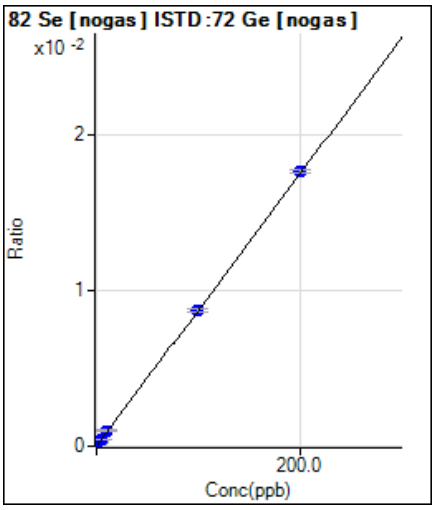
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	258.67	0.0003	P	14.8	
2	☐	2.000	2.042	490.68	0.0006	P	13.4	2.1
3	☐	5.000	4.499	761.35	0.0009	P	0.5	-10.
4	☐	10.000	9.388	1305.38	0.0016	P	3.4	-6.1
5	☐	100.000	99.416	11266.83	0.0138	P	2.3	-0.6
6	☐	200.000	200.335	22092.68	0.0275	P	1.4	0.2
7	☐	1.000						

y = 1.3569E-004 * x + 3.1366E-004
R = 1.0000
DL = 1.03 ppb
BEC = 2.312 ppb

Weight: <None>
Min Conc: <None>

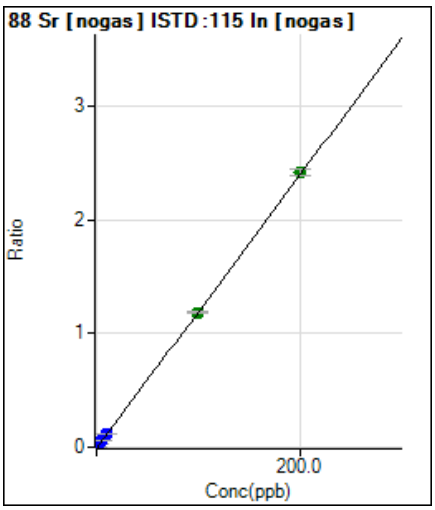


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	180.00	0.0001	P	14.9	
2	☐	2.000	2.133	533.35	0.0003	P	21.2	6.7
3	☐	5.000	3.911	826.70	0.0004	P	4.5	-21.
4	☐	10.000	10.024	1843.45	0.0010	P	12.2	0.2
5	☐	100.000	98.460	16417.64	0.0087	P	2.7	-1.5
6	☐	200.000	200.795	32866.81	0.0177	P	1.2	0.4
7	☐	1.000						

y = 8.7539E-005 * x + 9.4480E-005
R = 0.9999
DL = 0.4823 ppb
BEC = 1.079 ppb

Weight: <None>
Min Conc: <None>

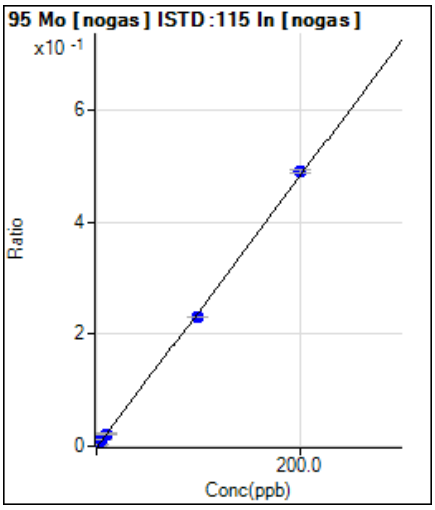
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1926.80	0.0009	P	8.8	
2	☐	2.000	1.934	50206.60	0.0242	P	3.5	-3.3
3	☐	5.000	4.864	120959.28	0.0594	P	1.3	-2.7
4	☐	10.000	9.826	245115.96	0.1190	P	1.0	-1.7
5	☐	100.000	98.245	2379601.11	1.1817	A	0.8	-1.8
6	☐	200.000	200.890	4724265.34	2.4153	A	2.5	0.4
7	☐	1.000						

y = 0.0120 * x + 9.4672E-004
R = 0.9999
DL = 0.02073 ppb
BEC = 0.07877 ppb

Weight: <None>
Min Conc: <None>

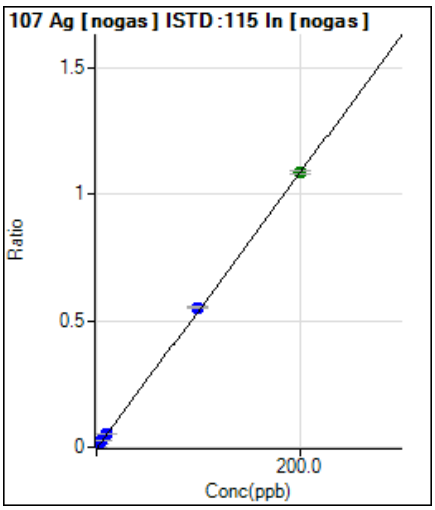


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	103.33	0.0001	P	62.1	
2	☐	2.000	1.766	8982.40	0.0043	P	4.7	-11.
3	☐	5.000	4.438	21980.44	0.0108	P	1.6	-11.
4	☐	10.000	9.038	45173.82	0.0219	P	2.7	-9.6
5	☐	100.000	95.096	463795.77	0.2303	P	1.2	-4.9
6	☐	200.000	202.516	959406.29	0.4904	P	1.7	1.3
7	☐	1.000						

y = 0.0024 * x + 5.0675E-005
R = 0.9996
DL = 0.039 ppb
BEC = 0.02093 ppb

Weight: <None>
Min Conc: <None>

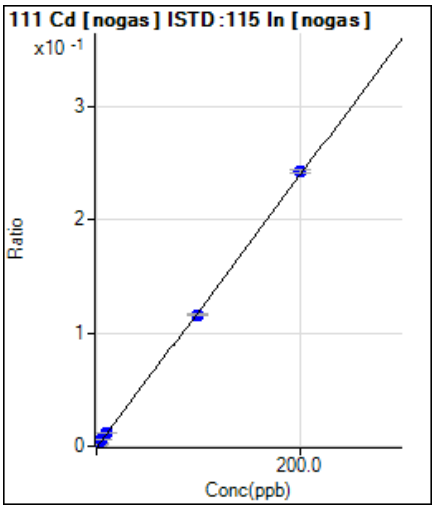
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	73.33	0.0000	P	91.1	
2	☐	2.000	1.891	21453.19	0.0103	P	1.1	-5.4
3	☐	5.000	4.908	54476.83	0.0268	P	0.6	-1.8
4	☐	10.000	9.710	108911.81	0.0529	P	2.0	-2.9
5	☐	100.000	101.371	1111357.01	0.5519	P	0.3	1.4
6	☐	200.000	199.333	2123314.60	1.0851	A	0.7	-0.3
7	☐	1.000						

y = 0.0054 * x + 3.5951E-005
R = 1.0000
DL = 0.01804 ppb
BEC = 0.006604 ppb

Weight: <None>
Min Conc: <None>

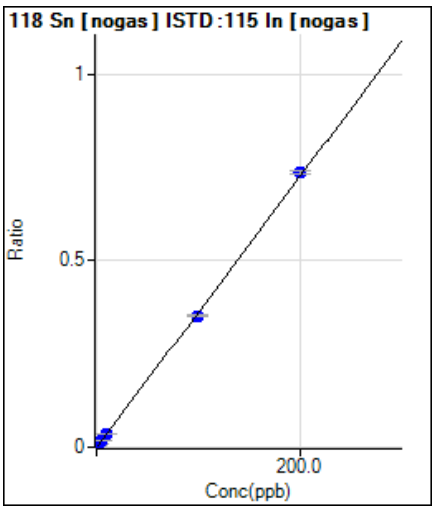


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10.00	0.0000	P	0.9	
2	☐	2.000	1.814	4540.67	0.0022	P	5.5	-9.3
3	☐	5.000	4.666	11437.21	0.0056	P	4.6	-6.7
4	☐	10.000	9.240	22898.45	0.0111	P	2.6	-7.6
5	☐	100.000	96.499	233797.92	0.1161	P	1.4	-3.5
6	☐	200.000	201.799	474965.68	0.2428	P	1.0	0.9
7	☐	1.000						

y = 0.0012 * x + 4.9148E-006
R = 0.9998
DL = 0.0001083 ppb
BEC = 0.004086 ppb

Weight: <None>
Min Conc: <None>

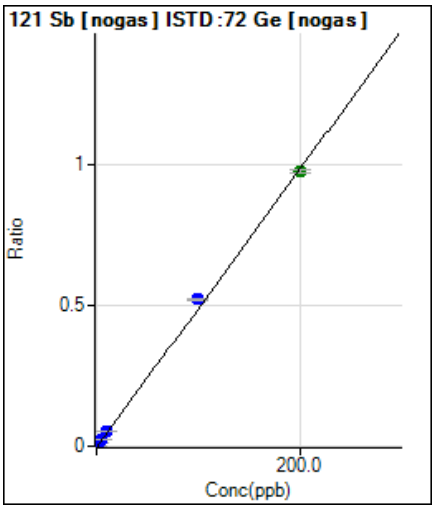
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5150.85	0.0025	P	8.5	
2	☐	2.000	1.710	18169.61	0.0087	P	1.6	-14.
3	☐	5.000	4.617	39337.65	0.0193	P	3.9	-7.7
4	☐	10.000	8.975	72412.07	0.0352	P	1.8	-10.
5	☐	100.000	96.053	708457.36	0.3518	P	0.7	-3.9
6	☐	200.000	202.037	1442179.40	0.7371	P	1.1	1.0
7	☐	1.000						

y = 0.0036 * x + 0.0025
R = 0.9997
DL = 0.1783 ppb
BEC = 0.696 ppb

Weight: <None>
Min Conc: <None>

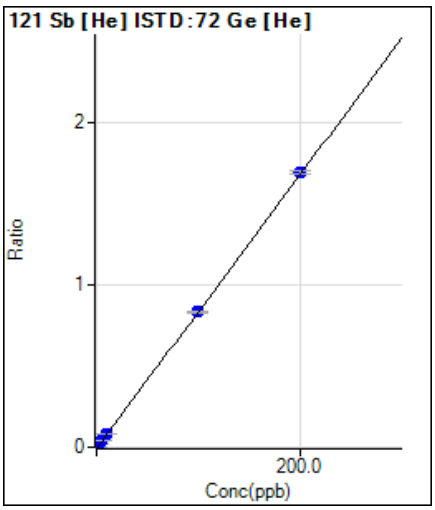


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	513.35	0.0003	P	21.0	
2	☐	2.000	1.958	18913.69	0.0100	P	0.9	-2.1
3	☐	5.000	4.975	47089.97	0.0249	P	2.7	-0.5
4	☐	10.000	10.163	95927.73	0.0506	P	0.6	1.6
5	☐	100.000	105.304	982408.58	0.5213	P	1.4	5.3
6	☐	200.000	197.341	1816663.15	0.9767	A	0.8	-1.3
7	☐	1.000						

y = 0.0049 * x + 2.6962E-004
R = 0.9995
DL = 0.03428 ppb
BEC = 0.05449 ppb

Weight: <None>
Min Conc: <None>

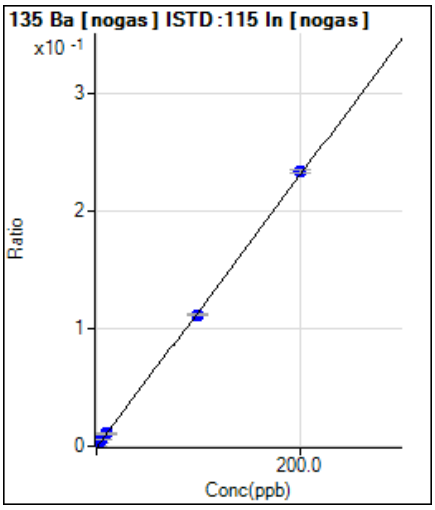
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	340.01	0.0004	P	14.2	
2	☐	2.000	1.838	13221.83	0.0159	P	1.8	-8.1
3	☐	5.000	4.697	32957.99	0.0400	P	0.4	-6.1
4	☐	10.000	9.318	64903.25	0.0790	P	1.4	-6.8
5	☐	100.000	98.595	678652.02	0.8315	P	0.7	-1.4
6	☐	200.000	200.746	1359885.29	1.6925	P	0.8	0.4
7	☐	1.000						

y = 0.0084 * x + 4.1228E-004
R = 1.0000
DL = 0.0208 ppb
BEC = 0.04891 ppb

Weight: <None>
Min Conc: <None>

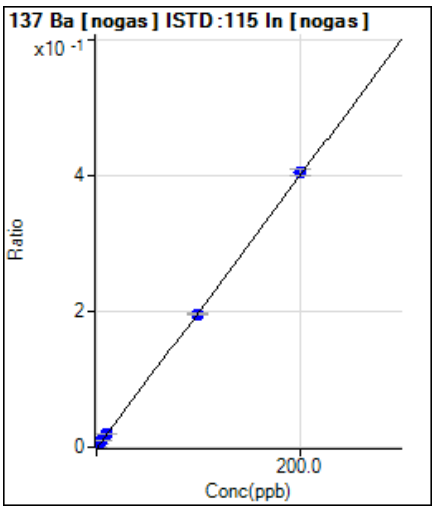


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	190.00	0.0001	P	23.1	
2	☐	2.000	1.821	4564.02	0.0022	P	4.8	-9.0
3	☐	5.000	4.355	10439.96	0.0051	P	3.4	-12.
4	☐	10.000	9.111	21880.79	0.0106	P	3.4	-8.9
5	☐	100.000	96.524	224885.29	0.1117	P	1.1	-3.5
6	☐	200.000	201.800	456571.42	0.2333	P	0.7	0.9
7	☐	1.000						

y = 0.0012 * x + 9.3400E-005
R = 0.9998
DL = 0.05607 ppb
BEC = 0.08081 ppb

Weight: <None>
Min Conc: <None>

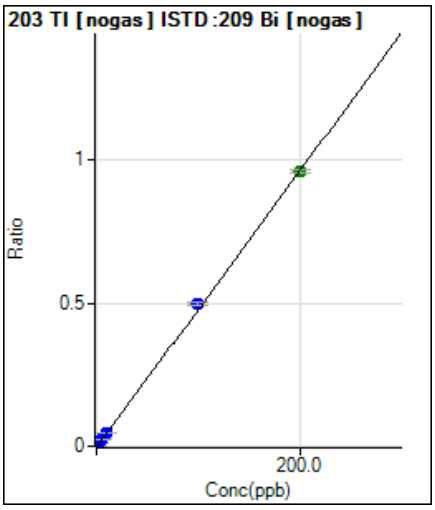
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	293.34	0.0001	P	11.6	
2	☐	2.000	1.854	8031.97	0.0039	P	3.9	-7.3
3	☐	5.000	4.456	18510.16	0.0091	P	1.9	-10.
4	☐	10.000	9.296	38740.23	0.0188	P	2.6	-7.0
5	☐	100.000	97.292	393684.52	0.1955	P	1.2	-2.7
6	☐	200.000	201.404	791360.82	0.4045	P	2.0	0.7
7	☐	1.000						

y = 0.0020 * x + 1.4423E-004
R = 0.9999
DL = 0.02489 ppb
BEC = 0.07183 ppb

Weight: <None>
Min Conc: <None>

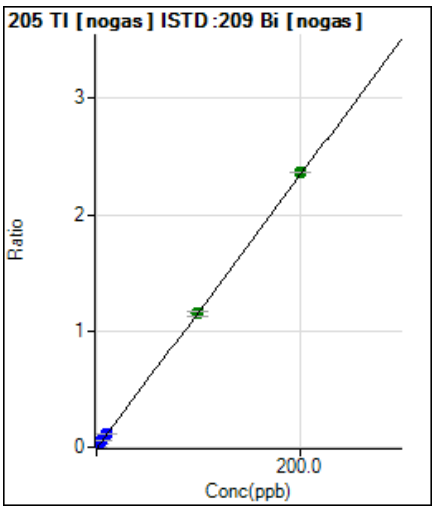


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13.33	0.0000	P	116.	
2	☐	2.000	1.942	16144.91	0.0094	P	2.3	-2.9
3	☐	5.000	4.891	40630.42	0.0237	P	2.1	-2.2
4	☐	10.000	9.660	80800.91	0.0467	P	2.0	-3.4
5	☐	100.000	103.100	846640.15	0.4985	P	2.9	3.1
6	☐	200.000	198.470	1566838.57	0.9596	A	1.5	-0.8
7	☐	1.000						

y = 0.0048 * x + 7.8548E-006
R = 0.9998
DL = 0.005676 ppb
BEC = 0.001625 ppb

Weight: <None>
Min Conc: <None>

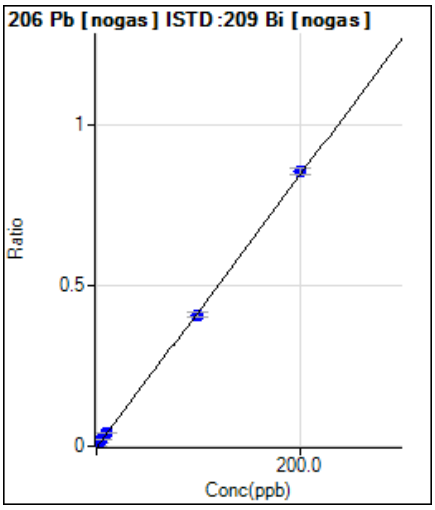
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	80.00	0.0000	P	57.4	
2	☐	2.000	1.949	39417.46	0.0229	P	1.7	-2.6
3	☐	5.000	4.722	95342.05	0.0555	P	2.5	-5.6
4	☐	10.000	9.618	195485.06	0.1130	P	1.9	-3.8
5	☐	100.000	97.631	1947549.03	1.1468	A	4.4	-2.4
6	☐	200.000	201.211	3859128.17	2.3634	A	0.5	0.6
7	☐	1.000						

y = 0.0117 * x + 4.6574E-005
R = 0.9999
DL = 0.00683 ppb
BEC = 0.003965 ppb

Weight: <None>
Min Conc: <None>

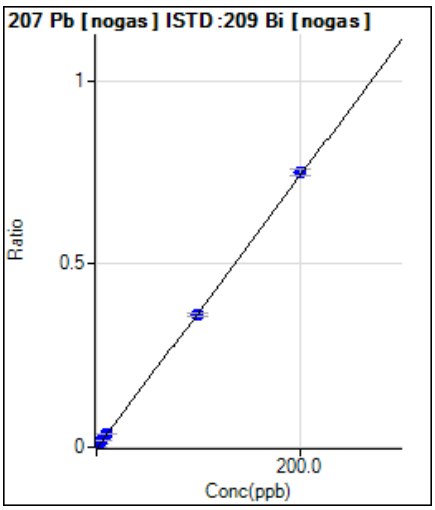


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	173.33	0.0001	P	31.3	
2	☐	2.000	1.919	14116.24	0.0082	P	5.4	-4.0
3	☐	5.000	4.622	33748.29	0.0197	P	3.7	-7.6
4	☐	10.000	9.378	68783.94	0.0398	P	2.8	-6.2
5	☐	100.000	96.519	693500.95	0.4083	P	3.1	-3.5
6	☐	200.000	201.782	1393621.49	0.8535	P	2.1	0.9
7	☐	1.000						

y = 0.0042 * x + 1.0183E-004
R = 0.9998
DL = 0.0226 ppb
BEC = 0.02408 ppb

Weight: <None>
Min Conc: <None>

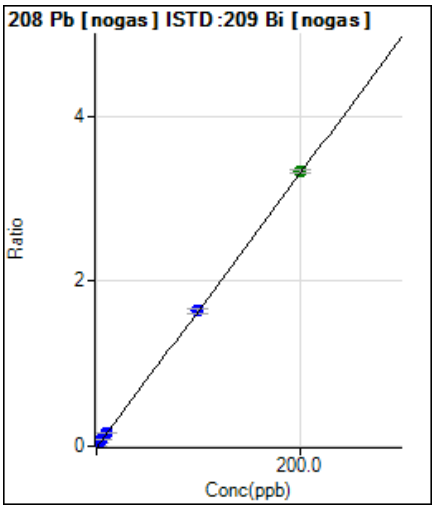
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	133.33	0.0001	P	35.6	
2	☐	2.000	1.848	11944.57	0.0070	P	3.3	-7.6
3	☐	5.000	4.629	29703.77	0.0173	P	4.7	-7.4
4	☐	10.000	9.380	60484.93	0.0350	P	3.5	-6.2
5	☐	100.000	96.896	612395.75	0.3606	P	2.8	-3.1
6	☐	200.000	201.594	1224697.48	0.7501	P	2.5	0.8
7	☐	1.000						

y = 0.0037 * x + 7.7394E-005
R = 0.9998
DL = 0.02224 ppb
BEC = 0.0208 ppb

Weight: <None>
Min Conc: <None>

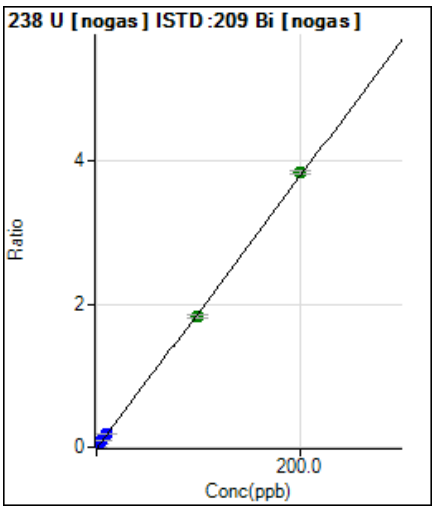


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	586.67	0.0003	P	6.6	
2	☐	2.000	1.910	55136.88	0.0321	P	2.6	-4.5
3	☐	5.000	4.725	135449.97	0.0789	P	3.5	-5.5
4	☐	10.000	9.548	275071.84	0.1590	P	3.1	-4.5
5	☐	100.000	98.641	2785175.90	1.6399	P	3.3	-1.4
6	☐	200.000	200.710	5447794.25	3.3364	A	1.5	0.4
7	☐	1.000						

y = 0.0166 * x + 3.4233E-004
R = 1.0000
DL = 0.004067 ppb
BEC = 0.0206 ppb

Weight: <None>
Min Conc: <None>

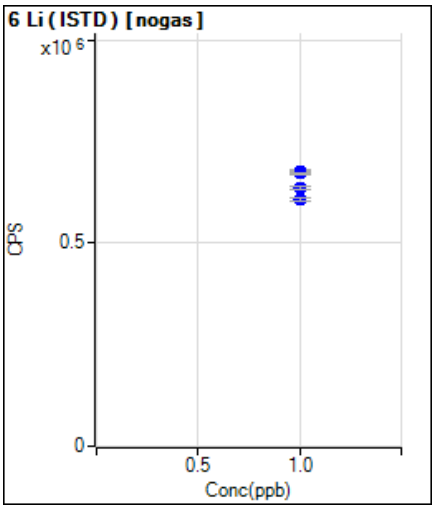
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	63.33	0.0000	P	32.3	
2	☐	2.000	1.882	61598.62	0.0358	P	3.4	-5.9
3	☐	5.000	4.662	152442.12	0.0887	P	2.2	-6.8
4	☐	10.000	9.496	312580.91	0.1807	P	3.0	-5.0
5	☐	100.000	96.183	3108667.97	1.8302	A	2.7	-3.8
6	☐	200.000	201.943	6274504.49	3.8427	A	1.8	1.0
7	☐	1.000						

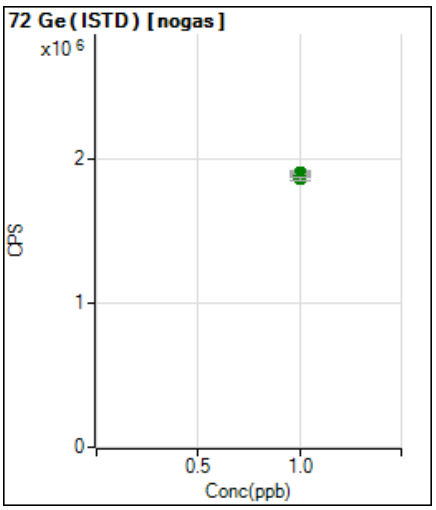
y = 0.0190 * x + 3.6916E-005
R = 0.9998
DL = 0.001879 ppb
BEC = 0.00194 ppb

Weight: <None>
Min Conc: <None>

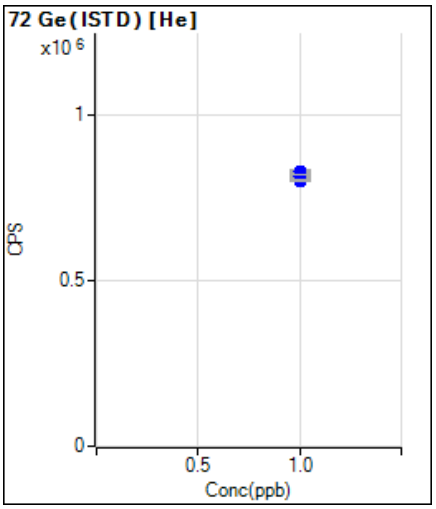


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		676732.31		P	0.7	
2	☐	1.000		672988.60		P	0.7	
3	☐	1.000		675882.94		P	0.6	
4	☐	1.000		671884.39		P	0.6	
5	☐	1.000		635781.59		P	1.0	
6	☐	1.000		608215.20		P	1.4	
7	☐	1.000						

Calibration for 270_ICV.d

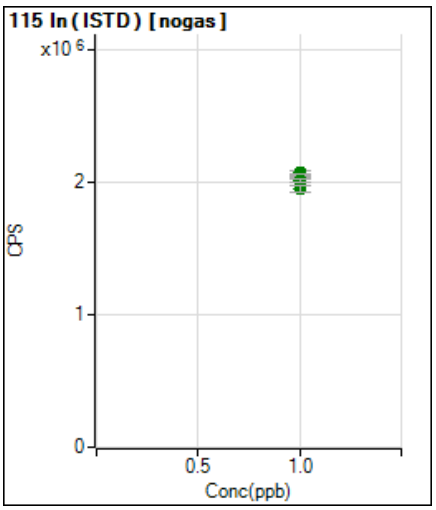


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1905656.07		A	0.7	
2	☐	1.000		1899369.97		A	1.1	
3	☐	1.000		1892473.72		A	1.0	
4	☐	1.000		1897425.18		A	0.7	
5	☐	1.000		1884371.27		A	1.1	
6	☐	1.000		1859940.60		A	1.4	
7	☐	1.000						

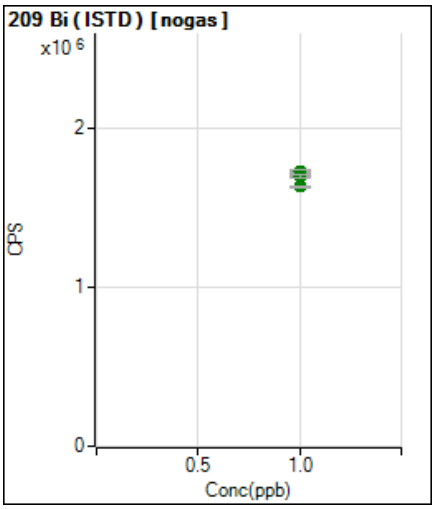


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		825316.11		P	0.9	
2	☐	1.000		831034.10		P	0.8	
3	☐	1.000		823818.04		P	0.4	
4	☐	1.000		822018.19		P	1.4	
5	☐	1.000		816254.52		P	1.1	
6	☐	1.000		803495.02		P	0.5	
7	☐	1.000						

Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2034779.06		A	0.9	
2	☐	1.000		2076693.82		A	1.8	
3	☐	1.000		2036132.32		A	0.2	
4	☐	1.000		2059350.05		A	1.1	
5	☐	1.000		2013816.72		A	1.5	
6	☐	1.000		1956795.92		A	2.6	
7	☐	1.000						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1711742.06		A	2.7	
2	☐	1.000		1718916.12		A	2.2	
3	☐	1.000		1718116.64		A	1.9	
4	☐	1.000		1729966.17		A	1.2	
5	☐	1.000		1698877.37		A	1.2	
6	☐	1.000		1632906.02		A	0.4	
7	☐	1.000						

Initial Calibration Verification (ICV) Report

Sample Table

Sample Name	ICCV
Data File Name	270_ICV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:33:30-06:00
Sample Type	ICV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	96.665	0.618	306348	0.97	100	96.7	90	110	
B	11	1	nogas	500.228	1.233	906332	1.93	500	100.0	90	110	
Al	27	1	nogas	102.660	1.364	1117025	1.38	100	102.7	90	110	
P	31	1	nogas	494.915	1.281	336139	1.22	500	99.0	90	110	
Ti	47	1	nogas	95.878	2.141	126938	2.23	100	95.9	90	110	
Ni	60	1	nogas	98.794	1.420	366836	1.48	100	98.8	90	110	
Cu	63	1	nogas	101.307	1.410	862299	1.42	100	101.3	90	110	
Zn	66	1	nogas	99.210	1.271	254734	1.34	100	99.2	90	110	
Se	77	1	nogas	101.507	1.866	15927	1.59	100	101.5	90	110	
Se	82	1	nogas	95.190	4.315	16114	4.43	100	95.2	90	110	
Sr	88	1	nogas	98.447	2.448	2364174	0.47	100	98.4	90	110	
Mo	95	1	nogas	96.544	3.630	466776	2.22	100	96.5	90	110	
Ag	107	1	nogas	103.197	2.821	1121671	1.30	100	103.2	90	110	
Cd	111	1	nogas	97.900	1.549	235182	1.07	100	97.9	90	110	
Sn	118	1	nogas	97.772	2.354	714897	1.38	100	97.8	90	110	
Sb	121	1	nogas	104.625	1.763	990372	1.85	100	104.6	90	110	
Ba	137	1	nogas	99.818	2.932	400443	1.87	100	99.8	90	110	
Tl	205	1	nogas	98.433	3.325	1943398	1.15	100	98.4	90	110	
Pb	208	1	nogas	99.548	3.696	2781649	1.76	100	99.5	90	110	
U	238	1	nogas	95.798	2.999	3064309	1.32	100	95.8	90	110	
Li	7	1	nogas	101.283	0.767	1005669	0.57	100	101.3	90	110	
Si	28	1	nogas	5020.025	1.295	3255482	1.23	5000	100.4	90	110	
Ba	135	1	nogas	98.766	2.772	228144	2.51	100	98.8	90	110	
Tl	203	1	nogas	104.309	3.881	847645	1.99	100	104.3	90	110	
Na	23	2	He	9839.305	0.452	11379436	0.40	10000	98.4	90	110	
Mg	24	2	He	9927.402	0.639	7277028	0.32	10000	99.3	90	110	
Al	27	2	He	99.091	1.611	59289	1.57	100	99.1	90	110	
K	39	2	He	9967.322	0.602	10737869	0.32	10000	99.7	90	110	
Ca	43	2	He	10046.374	2.114	33924	1.53	10000	100.5	90	110	
Ca	44	2	He	9882.835	0.602	556635	0.33	10000	98.8	90	110	
V	51	2	He	97.020	0.581	664078	0.48	100	97.0	90	110	
Cr	52	2	He	99.202	0.207	706212	0.64	100	99.2	90	110	
Mn	55	2	He	97.861	0.473	585551	1.13	100	97.9	90	110	
Fe	56	2	He	9796.017	0.852	60084747	0.97	10000	98.0	90	110	
Co	59	2	He	103.134	0.211	960149	0.69	100	103.1	90	110	
Ni	60	2	He	98.761	0.479	241377	0.39	100	98.8	90	110	
Cu	63	2	He	97.940	0.778	607689	0.69	100	97.9	90	110	
Zn	66	2	He	98.384	0.639	136533	0.31	100	98.4	90	110	
As	75	2	He	97.342	0.856	107387	0.37	100	97.3	90	110	
Sb	121	2	He	97.706	0.245	685894	0.77	100	97.7	90	110	
Se	78	2	He	98.267	1.800	11361	2.13	100	98.3	90	110	
Ti	47	2	He	96.296	2.479	28455	1.85	100	96.3	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1912041	0.16	1905656	100.34	70	120	
In	115	1	nogas	1997229	2.00	2034779	98.15	70	120	
Li	6	1	nogas	642121	1.21	676732	94.89	70	120	
Bi	209	1	nogas	1681688	2.26	1711742	98.24	70	120	
Ge	72	2	He	832436	0.85	825316	100.86	70	120	

Calibration Blank Report

Sample Table

Sample Name	CAL BLK
Data File Name	008CALB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:34:33-06:00
Sample Type	CalBlk
Level	1
Dilution	1
Comment	

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	13	162.38
B	11	1	nogas	3692	0.09
Al	27	1	nogas	54014	0.01
P	31	1	nogas	18031	0.04
Ti	47	1	nogas	140	15.31
Ni	60	1	nogas	640	1.91
Cu	63	1	nogas	1430	0.27
Zn	66	1	nogas	1390	0.86
Se	77	1	nogas	5131	0.12
Se	82	1	nogas	203	9.16
Sr	88	1	nogas	2520	0.13
Mo	95	1	nogas	250	2.77
Ag	107	1	nogas	67	90.93
Cd	111	1	nogas	13	649.52
Sn	118	1	nogas	4157	0.86
Sb	121	1	nogas	1170	0.55
Ba	137	1	nogas	407	3.04
Tl	205	1	nogas	197	2.99
Pb	208	1	nogas	1123	0.85
Li	7	1	nogas	84168	0.00
Si	28	1	nogas	391600	0.00
Na	23	2	He	33857	0.01
Mg	24	2	He	1703	0.26
Al	27	2	He	4914	0.18
K	39	2	He	116639	0.00
Ca	43	2	He	160	11.72
Ca	44	2	He	2830	0.21
V	51	2	He	7198	0.05
Cr	52	2	He	4467	0.05
Mn	55	2	He	2827	0.31
Fe	56	2	He	35297	0.01
Co	59	2	He	240	3.47
Ni	60	2	He	450	3.95
Cu	63	2	He	960	1.99
Zn	66	2	He	953	0.61
As	75	2	He	389	2.58
Sb	121	2	He	1033	0.64
Se	78	2	He	499	0.41

Calibration Blank Report

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Ge	72	1	nogas	2988431	1.59

Calibration Blank Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
In	115	1	nogas	3430137	0.79
Li	6	1	nogas	1187992	1.84
Bi	209	1	nogas	3030667	2.53
Ge	72	2	He	1591743	2.43

Calibration Standard Report

Sample Table

Sample Name	2/10/200
Data File Name	009CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:36:34-06:00
Sample Type	CalStd
Level	2
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	9609	0.03
B	11	1	nogas	35703	0.01
Al	27	1	nogas	83797	0.00
P	31	1	nogas	26409	0.00
Ti	47	1	nogas	4021	0.15
Ni	60	1	nogas	11931	0.03
Cu	63	1	nogas	27644	0.01
Zn	66	1	nogas	8069	0.05
Se	77	1	nogas	5398	0.04
Se	82	1	nogas	597	1.78
Sr	88	1	nogas	75160	0.00
Mo	95	1	nogas	14439	0.03
Ag	107	1	nogas	34480	0.00
Cd	111	1	nogas	7072	0.09
Sn	118	1	nogas	23853	0.01
Sb	121	1	nogas	28386	0.01
Ba	137	1	nogas	11804	0.01
Tl	205	1	nogas	64373	0.00
Pb	208	1	nogas	90753	0.00
Si	28	1	nogas	472645	0.00
Na	23	2	He	551081	0.00
Mg	24	2	He	340593	0.00
Al	27	2	He	6875	0.10
K	39	2	He	619121	0.00
Ca	43	2	He	1567	0.59
Ca	44	2	He	26446	0.00
V	51	2	He	30528	0.00
Cr	52	2	He	30295	0.01
Mn	55	2	He	26856	0.00
Fe	56	2	He	2371494	0.00
Co	59	2	He	33324	0.00
Ni	60	2	He	8195	0.04
Cu	63	2	He	21726	0.01
Zn	66	2	He	5071	0.17
As	75	2	He	3748	0.15
Sb	121	2	He	22501	0.01
Se	78	2	He	911	0.18

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3011293	1.52	2988431	100.77	70	120	
In	115	1	nogas	3492989	1.01	3430137	101.83	70	120	
Li	6	1	nogas	1187475	0.56	1187992	99.96	70	120	
Bi	209	1	nogas	3059933	2.68	3030667	100.97	70	120	
Ge	72	2	He	1571907	1.61	1591743	98.75	70	120	

Calibration Standard Report

Sample Table

Sample Name	5/25/500
Data File Name	010CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:38:34-06:00
Sample Type	CalStd
Level	3
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	23781	0.01
B	11	1	nogas	82837	0.00
Al	27	1	nogas	134630	0.00
P	31	1	nogas	40226	0.00
Ti	47	1	nogas	9389	0.01
Ni	60	1	nogas	27791	0.01
Cu	63	1	nogas	65483	0.00
Zn	66	1	nogas	18203	0.01
Se	77	1	nogas	5938	0.15
Se	82	1	nogas	1373	0.06
Sr	88	1	nogas	183304	0.00
Mo	95	1	nogas	33976	0.01
Ag	107	1	nogas	85029	0.00
Cd	111	1	nogas	17412	0.03
Sn	118	1	nogas	55946	0.00
Sb	121	1	nogas	69390	0.00
Ba	137	1	nogas	28657	0.00
Tl	205	1	nogas	158582	0.00
Pb	208	1	nogas	221087	0.00
Si	28	1	nogas	599566	0.00
Na	23	2	He	1297723	0.00
Mg	24	2	He	834107	0.00
Al	27	2	He	10710	0.02
K	39	2	He	1343693	0.00
Ca	43	2	He	3540	0.20
Ca	44	2	He	61765	0.00
V	51	2	He	65307	0.00
Cr	52	2	He	66010	0.00
Mn	55	2	He	58007	0.00
Fe	56	2	He	5620126	0.00
Co	59	2	He	81449	0.00
Ni	60	2	He	19814	0.02
Cu	63	2	He	49283	0.00
Zn	66	2	He	11434	0.05
As	75	2	He	8562	0.03
Sb	121	2	He	53980	0.00
Se	78	2	He	1623	0.04

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3011432	0.80	2988431	100.77	70	120	
In	115	1	nogas	3403103	2.18	3430137	99.21	70	120	
Li	6	1	nogas	1154237	1.43	1187992	97.16	70	120	
Bi	209	1	nogas	3012957	1.49	3030667	99.42	70	120	
Ge	72	2	He	1581999	2.09	1591743	99.39	70	120	

Calibration Standard Report

Sample Table

Sample Name	10/50/1000
Data File Name	011CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:40:34-06:00
Sample Type	CalStd
Level	4
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	46075	0.00
B	11	1	nogas	163429	0.00
Al	27	1	nogas	225132	0.00
P	31	1	nogas	65417	0.00
Ti	47	1	nogas	18643	0.01
Ni	60	1	nogas	55413	0.00
Cu	63	1	nogas	128961	0.00
Zn	66	1	nogas	34893	0.00
Se	77	1	nogas	6881	0.10
Se	82	1	nogas	2657	0.28
Sr	88	1	nogas	364507	0.00
Mo	95	1	nogas	68109	0.00
Ag	107	1	nogas	169810	0.00
Cd	111	1	nogas	35152	0.01
Sn	118	1	nogas	109613	0.00
Sb	121	1	nogas	135589	0.00
Ba	137	1	nogas	57258	0.01
Tl	205	1	nogas	319755	0.00
Pb	208	1	nogas	443680	0.00
Si	28	1	nogas	816317	0.00
Na	23	2	He	2468311	0.00
Mg	24	2	He	1605750	0.00
Al	27	2	He	18222	0.02
K	39	2	He	2509286	0.00
Ca	43	2	He	7198	0.03
Ca	44	2	He	121343	0.00
V	51	2	He	122966	0.00
Cr	52	2	He	128178	0.00
Mn	55	2	He	116929	0.00
Fe	56	2	He	11145480	0.00
Co	59	2	He	163385	0.00
Ni	60	2	He	40398	0.00
Cu	63	2	He	97329	0.00
Zn	66	2	He	21526	0.02
As	75	2	He	16843	0.01
Sb	121	2	He	108744	0.00
Se	78	2	He	2656	0.13

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3028013	1.55	2988431	101.32	70	120	
In	115	1	nogas	3467870	0.91	3430137	101.10	70	120	
Li	6	1	nogas	1165189	2.66	1187992	98.08	70	120	
Bi	209	1	nogas	3074523	1.84	3030667	101.45	70	120	
Ge	72	2	He	1571573	0.96	1591743	98.73	70	120	

Calibration Standard Report

Sample Table

Sample Name	100/500/10K
Data File Name	012CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:42:35-06:00
Sample Type	CalStd
Level	5
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	470999	0.00
B	11	1	nogas	1488533	0.00
Al	27	1	nogas	1605209	0.00
P	31	1	nogas	474595	0.00
Ti	47	1	nogas	190575	0.00
Ni	60	1	nogas	536898	0.00
Cu	63	1	nogas	1243403	0.00
Zn	66	1	nogas	341655	0.00
Se	77	1	nogas	22224	0.00
Se	82	1	nogas	24210	0.01
Sr	88	1	nogas	3464618	0.00
Mo	95	1	nogas	686705	0.00
Ag	107	1	nogas	1628674	0.00
Cd	111	1	nogas	348693	0.00
Sn	118	1	nogas	1059662	0.00
Sb	121	1	nogas	1355101	0.00
Ba	137	1	nogas	566764	0.00
Tl	205	1	nogas	3072694	0.00
Pb	208	1	nogas	4301892	0.00
Si	28	1	nogas	4408999	0.00
Na	23	2	He	23839631	0.00
Mg	24	2	He	15286501	0.00
Al	27	2	He	137822	0.00
K	39	2	He	23068120	0.00
Ca	43	2	He	72249	0.00
Ca	44	2	He	1179123	0.00
V	51	2	He	1180404	0.00
Cr	52	2	He	1225626	0.00
Mn	55	2	He	1134118	0.00
Fe	56	2	He	108916842	0.00
Co	59	2	He	1521329	0.00
Ni	60	2	He	386835	0.00
Cu	63	2	He	959132	0.00
Zn	66	2	He	215923	0.00
As	75	2	He	164485	0.00
Sb	121	2	He	1076845	0.00
Se	78	2	He	21967	0.00

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2962674	1.50	2988431	99.14	70	120	
In	115	1	nogas	3382108	0.80	3430137	98.60	70	120	
Li	6	1	nogas	1119478	1.01	1187992	94.23	70	120	
Bi	209	1	nogas	2947483	2.12	3030667	97.26	70	120	
Ge	72	2	He	1537651	1.48	1591743	96.60	70	120	

Calibration Standard Report

Sample Table

Sample Name	200/1000/20K
Data File Name	013CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:44:30-06:00
Sample Type	CalStd
Level	6
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	968285	0.00
B	11	1	nogas	3084533	0.00
Al	27	1	nogas	3220630	0.00
P	31	1	nogas	954846	0.00
Ti	47	1	nogas	396058	0.00
Ni	60	1	nogas	1088435	0.00
Cu	63	1	nogas	2441077	0.00
Zn	66	1	nogas	693458	0.00
Se	77	1	nogas	41190	0.00
Se	82	1	nogas	47061	0.00
Sr	88	1	nogas	7092392	0.00
Mo	95	1	nogas	1373355	0.00
Ag	107	1	nogas	3281543	0.00
Cd	111	1	nogas	712262	0.00
Sn	118	1	nogas	2068599	0.00
Sb	121	1	nogas	2592887	0.00
Ba	137	1	nogas	1167815	0.00
Tl	205	1	nogas	6247133	0.00
Pb	208	1	nogas	8491788	0.00
Si	28	1	nogas	8673146	0.00
Na	23	2	He	48301781	0.00
Mg	24	2	He	31442707	0.00
Al	27	2	He	279108	0.00
K	39	2	He	47974863	0.00
Ca	43	2	He	147088	0.00
Ca	44	2	He	2366902	0.00
V	51	2	He	2280287	0.00
Cr	52	2	He	2401082	0.00
Mn	55	2	He	2216450	0.00
Fe	56	2	He	225082943	0.00
Co	59	2	He	3055609	0.00
Ni	60	2	He	783765	0.00
Cu	63	2	He	1892655	0.00
Zn	66	2	He	433903	0.00
As	75	2	He	335648	0.00
Sb	121	2	He	2052214	0.00
Se	78	2	He	43760	0.00

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2963760	0.39	2988431	99.17	70	120	
In	115	1	nogas	3304749	1.25	3430137	96.34	70	120	
Li	6	1	nogas	1049027	4.33	1187992	88.30	70	120	
Bi	209	1	nogas	2858493	0.31	3030667	94.32	70	120	
Ge	72	2	He	1527101	2.78	1591743	95.94	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV2
Data File Name	016LCV2.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:50:18-06:00
Sample Type	LLCCV2
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	1.834	5.835	9803	3.80	2	91.7	70	120	
B	11	1	nogas	23.456	5.030	83286	7.06	10	234.6	70	120	NewName Main CR1 Failed
Al	27	1	nogas	1.966	4.709	88422	0.83	2	98.3	70	120	
P	31	1	nogas	10.041	11.708	28488	5.11	10	100.4	70	120	
Ti	47	1	nogas	1.935	8.279	4117	7.39	2	96.7	70	120	
Ni	60	1	nogas	2.013	1.696	12077	1.08	2	100.6	70	120	
Cu	63	1	nogas	2.174	1.893	29317	1.62	2	108.7	70	120	
Zn	66	1	nogas	2.074	4.982	8919	3.88	2	103.7	70	120	
Se	77	1	nogas	-9.133	-10.838	3617	5.49	2	-456.7	70	120	NewName Main CR1 Failed
Se	82	1	nogas	2.721	17.386	880	12.81	2	136.0	70	120	NewName Main CR1 Failed
Sr	88	1	nogas	2.085	1.553	79424	1.42	2	104.2	70	120	
Mo	95	1	nogas	2.573	6.316	18710	5.95	2	128.6	70	120	NewName Main CR1 Failed
Ag	107	1	nogas	2.075	2.114	35579	1.68	2	103.7	70	120	
Cd	111	1	nogas	1.970	3.861	7312	3.93	2	98.5	70	120	
Sn	118	1	nogas	2.276	3.107	28867	2.79	2	113.8	70	120	
Sb	121	1	nogas	2.190	4.405	31151	3.16	2	109.5	70	120	
Ba	137	1	nogas	1.967	4.213	12335	4.19	2	98.3	70	120	
Tl	205	1	nogas	2.227	5.049	74204	5.54	2	111.4	70	120	
Pb	208	1	nogas	2.041	4.317	93794	1.73	2	102.1	70	120	
Pb	206	1	nogas	2.049	2.279	23317	0.38	2	102.5	70	120	
Pb	207	1	nogas	1.987	7.085	19982	4.46	2	99.3	70	120	
U	238	1	nogas	1.974	2.335	110133	1.17	2	98.7	70	120	
Li	7	1	nogas	2.120	9.859	118118	0.78	2	106.0	70	120	
Ba	135	1	nogas	1.993	3.603	7115	3.79	2	99.7	70	120	
Tl	203	1	nogas	2.260	2.515	31127	3.05	2	113.0	70	120	
Na	23	2	He	210.418	1.103	562999	0.29	200	105.2	70	120	
Mg	24	2	He	212.154	0.613	348216	0.62	200	106.1	70	120	
Al	27	2	He	1.566	8.804	7168	1.80	2	78.3	70	120	
K	39	2	He	208.554	1.236	634089	0.24	200	104.3	70	120	
Ca	43	2	He	199.252	3.095	1683	1.82	200	99.6	70	120	
Ca	44	2	He	195.009	2.361	26900	1.81	200	97.5	70	120	
V	51	2	He	1.781	1.871	28506	0.66	2	89.1	70	120	
Cr	52	2	He	2.026	3.495	29931	1.91	2	101.3	70	120	
Mn	55	2	He	2.130	0.866	27584	1.83	2	106.5	70	120	
Fe	56	2	He	204.052	0.551	2418683	0.86	200	102.0	70	120	
Co	59	2	He	2.157	0.939	34639	0.98	2	107.9	70	120	
Ni	60	2	He	2.046	0.513	8802	1.31	2	102.3	70	120	
Cu	63	2	He	2.091	4.617	21670	3.62	2	104.5	70	120	
Zn	66	2	He	1.938	6.258	5331	4.09	2	96.9	70	120	
As	75	2	He	2.026	3.246	3924	3.53	2	101.3	70	120	
Se	77	2	He	2.486	58.881	330	31.93	2	124.3	70	120	NewName Main CR1 Failed
Sb	121	2	He	2.170	3.981	24504	2.90	2	108.5	70	120	
Se	78	2	He	2.639	8.377	1096	3.55	2	132.0	70	120	NewName Main CR1 Failed
Ti	47	2	He	1.945	15.672	1183	15.41	2	97.2	70	120	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3098938	1.12	2988431	103.70	70	120	
In	115	1	nogas	3469020	0.44	3430137	101.13	70	120	
Li	6	1	nogas	1177253	2.25	1187992	99.10	70	120	
Bi	209	1	nogas	3069008	2.54	3030667	101.27	70	120	
Ge	72	2	He	1596765	1.08	1591743	100.32	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV5
Data File Name	017LCV5.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:52:18-06:00
Sample Type	LLCCV5
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	4.514	2.216	24125	2.68	5	90.3	70	130	
B	11	1	nogas	30.020	0.693	105509	1.13	25	120.1	70	130	
Al	27	1	nogas	4.987	2.427	136656	0.47	5	99.7	70	130	
P	31	1	nogas	24.339	5.526	41917	2.15	25	97.4	70	130	
Ti	47	1	nogas	4.602	1.545	9486	2.07	5	92.0	70	130	
Ni	60	1	nogas	4.895	0.758	28095	0.25	5	97.9	70	130	
Cu	63	1	nogas	5.209	0.749	67376	1.59	5	104.2	70	130	
Zn	66	1	nogas	4.784	3.069	18476	3.79	5	95.7	70	130	
Se	77	1	nogas	-4.336	-10.823	4461	2.72	5	-86.7	70	130	NewName Main CR1 Failed
Se	82	1	nogas	5.144	5.104	1460	4.79	5	102.9	70	130	
Sr	88	1	nogas	4.953	0.460	186373	1.67	5	99.1	70	130	
Mo	95	1	nogas	4.921	2.707	35779	1.50	5	98.4	70	130	
Ag	107	1	nogas	5.036	2.086	86814	1.10	5	100.7	70	130	
Cd	111	1	nogas	4.779	1.519	17833	0.90	5	95.6	70	130	
Sn	118	1	nogas	4.924	2.410	57932	3.36	5	98.5	70	130	
Sb	121	1	nogas	5.128	1.202	70501	2.10	5	102.6	70	130	
Ba	137	1	nogas	4.585	1.102	28383	0.16	5	91.7	70	130	
Tl	205	1	nogas	4.833	0.377	161135	1.01	5	96.7	70	130	
Pb	208	1	nogas	4.904	1.512	224361	0.36	5	98.1	70	130	
U	238	1	nogas	4.691	1.536	262234	0.48	5	93.8	70	130	
Li	7	1	nogas	4.917	0.961	164026	0.21	5	98.3	70	130	
Si	28	1	nogas	249.110	1.241	613449	0.60	25	996.4	70	130	NewName Main CR1 Failed
Na	23	2	He	483.197	2.456	1262550	0.92	500	96.6	70	130	
Mg	24	2	He	510.269	2.828	844253	1.35	500	102.1	70	130	
Al	27	2	He	4.377	2.110	11297	1.03	5	87.5	70	130	
K	39	2	He	484.844	2.153	1333719	1.59	500	97.0	70	130	
Ca	43	2	He	441.773	2.093	3577	1.41	500	88.4	70	130	
Ca	44	2	He	475.357	3.023	62160	1.48	500	95.1	70	130	
V	51	2	He	4.684	2.480	63897	0.57	5	93.7	70	130	
Cr	52	2	He	4.848	2.370	66131	0.73	5	97.0	70	130	
Mn	55	2	He	4.852	1.899	59857	0.20	5	97.0	70	130	
Fe	56	2	He	480.126	1.469	5705579	0.56	500	96.0	70	130	
Co	59	2	He	5.088	4.345	82246	2.61	5	101.8	70	130	
Ni	60	2	He	4.819	3.264	20341	3.64	5	96.4	70	130	
Cu	63	2	He	5.024	0.621	51302	1.96	5	100.5	70	130	
Zn	66	2	He	4.657	1.905	11604	3.02	5	93.1	70	130	
As	75	2	He	4.690	1.521	8663	0.35	5	93.8	70	130	
Sb	121	2	He	4.935	1.703	55029	1.32	5	98.7	70	130	
Se	78	2	He	4.917	7.639	1629	5.94	5	98.3	70	130	
Ti	47	2	He	4.664	2.332	2857	3.90	5	93.3	70	130	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3062872	0.97	2988431	102.49	70	120	
In	115	1	nogas	3491029	1.22	3430137	101.78	70	120	
Li	6	1	nogas	1177425	0.56	1187992	99.11	70	120	
Bi	209	1	nogas	3076008	1.31	3030667	101.50	70	120	
Ge	72	2	He	1614645	1.68	1591743	101.44	70	120	

Initial Calibration Blank (ICB) Report

Sample Table

Sample Name	ICB
Data File Name	018_ICB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:54:19-06:00
Sample Type	ICB
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.008	8.5	55	9.1	1	
B	11	1	nogas	5.470	9.0	22522	4.3	10	
Al	27	1	nogas	0.140	53.9	57534	2.0	5	
P	31	1	nogas	0.191	177.6	18629	3.4	10	
Ti	47	1	nogas	-0.028	-34.3	87	24.0	2.5	
Ni	60	1	nogas	-0.037	-43.8	450	21.4	2.5	
Cu	63	1	nogas	-0.010	-38.1	1337	2.6	1	
Zn	66	1	nogas	-0.123	-19.5	983	9.2	2.5	
Se	77	1	nogas	-10.096	-15.3	3394	9.8	2.5	
Se	82	1	nogas	0.217	76.0	260	13.9	1	
Sr	88	1	nogas	-0.002	-58.6	2474	2.1	2.5	
Mo	95	1	nogas	0.113	29.6	1060	21.3	2.5	
Ag	107	1	nogas	0.016	25.1	337	20.9	2.5	
Cd	111	1	nogas	0.000	-39716.8	13	114.6	1	
Sn	118	1	nogas	-0.075	-5.7	3390	2.5	5	
Sb	121	1	nogas	0.040	19.3	1730	4.7	2.5	
Ba	137	1	nogas	0.006	181.0	447	14.6	2.5	
Tl	205	1	nogas	0.036	34.1	1387	30.3	1	
Pb	208	1	nogas	-0.003	-59.6	973	10.0	2.5	
U	238	1	nogas	0.004	43.9	343	27.1	2.5	
Si	28	1	nogas	-1.636	-360.5	399273	0.6	5	
Na	23	2	He	-0.777	-47.7	31777	1.5	100	
Mg	24	2	He	0.001	9359.4	1697	9.4	100	
Al	27	2	He	-0.271	-72.5	4517	5.5	5	
K	39	2	He	0.229	315.7	116730	1.3	100	
Ca	43	2	He	-6.471	-20.6	110	9.1	100	
Ca	44	2	He	-0.097	-685.6	2810	5.0	100	
V	51	2	He	-0.224	-3.9	4515	4.3	2.5	
Cr	52	2	He	-0.041	-30.2	3930	3.4	2.5	
Mn	55	2	He	-0.079	-10.0	1907	5.4	2.5	
Fe	56	2	He	0.527	31.1	41253	2.7	100	
Co	59	2	He	0.004	106.6	303	21.9	2.5	
Ni	60	2	He	-0.042	-19.0	280	9.5	2.5	
Cu	63	2	He	-0.022	-26.7	740	6.2	1	
Zn	66	2	He	-0.159	-1.9	593	2.6	2.5	
As	75	2	He	-0.022	-75.6	350	8.1	2.5	
Sb	121	2	He	0.025	24.4	1297	3.1	2.5	
Se	78	2	He	0.114	151.0	522	6.0	1	
Ti	47	2	He	0.000	5627.6	10	100.0	2.5	

Initial Calibration Blank (ICB) Report

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3057519	1.77	2988431	102.31	70	120	
In	115	1	nogas	3461401	1.24	3430137	100.91	70	120	
Li	6	1	nogas	1195400	3.28	1187992	100.62	70	120	
Bi	209	1	nogas	3022052	1.00	3030667	99.72	70	120	
Ge	72	2	He	1584742	2.13	1591743	99.56	70	120	

Interference Check Solution A (ICS-A) Report

Sample Table

Sample Name	ICSA
Data File Name	020ICSA.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:58:20-06:00
Sample Type	ICSA
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.004	56.7	35	37.8	0	ICSA Main CR1 Failed
B	11	1	nogas	4.925	3.4	19098	4.2	0	ICSA Main CR1 Failed
Al	27	1	nogas	96638.077	2.8	1491299658	0.4	0	
P	31	1	nogas	90691.927	2.1	82732674	0.3	0	
Ti	47	1	nogas	1924.443	2.4	3697974	0.3	0	
Ni	60	1	nogas	0.876	4.8	5274	6.7	0	ICSA Main CR1 Failed
Cu	63	1	nogas	1.059	1.1	14069	1.5	0	ICSA Main CR1 Failed
Zn	66	1	nogas	1.668	7.8	6975	5.9	0	ICSA Main CR1 Failed
Se	77	1	nogas	10.278	20.4	6781	7.0	0	
Se	82	1	nogas	0.417	68.1	293	22.7	0	ICSA Main CR1 Failed
Sr	88	1	nogas	0.996	3.2	35946	4.5	0	ICSA Main CR1 Failed
Mo	95	1	nogas	1943.705	1.4	12756169	1.0	0	
Ag	107	1	nogas	0.016	27.8	313	23.1	0	ICSA Main CR1 Failed
Cd	111	1	nogas	1.892	1.7	6425	1.0	0	ICSA Main CR1 Failed
Sn	118	1	nogas	-0.011	-137.4	3747	3.1	0	ICSA Main CR1 Failed
Sb	121	1	nogas	0.047	30.7	1737	9.7	0	ICSA Main CR1 Failed
Ba	137	1	nogas	0.048	15.4	643	7.3	0	ICSA Main CR1 Failed
Tl	205	1	nogas	0.009	33.8	423	19.7	0	ICSA Main CR1 Failed
Pb	208	1	nogas	0.033	18.5	2273	10.6	0	ICSA Main CR1 Failed
Si	28	1	nogas	219.997	5.5	557301	1.0	0	
Na	23	2	He	101756.714	1.6	237035236	0.5	0	
Mg	24	2	He	101198.501	0.6	153139208	1.4	0	
Al	27	2	He	89532.478	1.6	118135942	0.8	0	
K	39	2	He	100793.396	2.4	231596403	1.8	0	
Ca	43	2	He	95600.358	1.9	677252	1.0	0	
Ca	44	2	He	96584.571	1.9	11041026	0.9	0	
V	51	2	He	-0.116	-18.0	5403	3.4	0	ICSA Main CR1 Failed
Cr	52	2	He	0.934	0.4	15030	1.5	0	ICSA Main CR1 Failed
Mn	55	2	He	0.129	9.2	4017	2.2	0	ICSA Main CR1 Failed
Fe	56	2	He	99341.933	2.4	1074787024	0.8	0	
Co	59	2	He	0.224	9.2	3530	9.4	0	ICSA Main CR1 Failed
Ni	60	2	He	0.274	18.0	1453	11.7	0	ICSA Main CR1 Failed
Cu	63	2	He	0.227	7.8	2977	5.8	0	ICSA Main CR1 Failed
Zn	66	2	He	0.635	13.8	2214	7.5	0	ICSA Main CR1 Failed
As	75	2	He	0.199	13.0	683	6.1	0	ICSA Main CR1 Failed
Sb	121	2	He	0.029	44.7	1253	11.3	0	ICSA Main CR1 Failed
Se	78	2	He	0.249	45.1	516	4.9	0	ICSA Main CR1 Failed
Ti	47	2	He	1927.208	1.6	1077393	0.8	0	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2900360	2.42	2988431	97.05	70	120	
In	115	1	nogas	3173346	1.40	3430137	92.51	70	120	
Li	6	1	nogas	1103945	3.33	1187992	92.93	70	120	
Bi	209	1	nogas	2639409	0.53	3030667	87.09	70	120	
Ge	72	2	He	1479416	1.66	1591743	92.94	70	120	

Interference Check Solution AB (ICS-AB) Report

Sample Table

Sample Name	ICSAB
Data File Name	021ICSB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T11:00:19-06:00
Sample Type	ICSB
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	100.148	1.269	477701	0.99	100	100.1	80	120	
B	11	1	nogas	495.797	0.556	1505359	0.14	100	495.8	80	120	
Al	27	1	nogas	96907.446	1.156	1491691604	0.27	100	96907.4	80	120	ICSB Main CR1 Failed
Ti	47	1	nogas	2013.034	1.019	3858825	2.10	100	2013.0	80	120	
Ni	60	1	nogas	100.187	1.506	530838	0.94	100	100.2	80	120	
Cu	63	1	nogas	101.971	1.937	1219593	1.30	100	102.0	80	120	
Zn	66	1	nogas	103.657	1.363	350155	1.23	100	103.7	80	120	
Se	77	1	nogas	124.451	2.486	26663	2.85	100	124.5	80	120	
Se	82	1	nogas	110.968	0.708	25695	1.22	100	111.0	80	120	
Sr	88	1	nogas	105.442	0.519	3589354	0.07	100	105.4	80	120	
Mo	95	1	nogas	2032.644	0.535	13456021	0.60	100	2032.6	80	120	
Ag	107	1	nogas	116.496	1.286	1840124	1.42	100	116.5	80	120	
Cd	111	1	nogas	101.300	1.077	346342	1.50	100	101.3	80	120	
Sn	118	1	nogas	106.368	1.639	1067167	1.96	100	106.4	80	120	
Sb	121	1	nogas	106.808	1.580	1363830	1.29	100	106.8	80	120	
Ba	137	1	nogas	102.279	0.975	572510	1.34	100	102.3	80	120	
Tl	205	1	nogas	104.134	2.336	2948851	1.80	100	104.1	80	120	
Pb	208	1	nogas	106.059	3.695	4105178	1.46	100	106.1	80	120	
U	238	1	nogas	105.637	3.118	5017851	1.48	100	105.6	80	120	
Si	28	1	nogas	5404.395	0.659	4722696	1.51	100	5404.4	80	120	ICSB Main CR1 Failed
Na	23	2	He	100566.735	18.638	254412396	1.97	100	100566.7	80	120	ICSB Main CR1 Failed
Mg	24	2	He	98925.547	18.958	162497958	2.26	100	98925.5	80	120	ICSB Main CR1 Failed
Al	27	2	He	80222.152	19.553	114825605	2.91	100	80222.2	80	120	ICSB Main CR1 Failed
K	39	2	He	99821.404	18.373	249197616	1.64	100	99821.4	80	120	ICSB Main CR1 Failed
Ca	43	2	He	95938.269	19.082	737708	2.39	100	95938.3	80	120	ICSB Main CR1 Failed
Ca	44	2	He	95325.814	19.098	11827706	2.45	100	95325.8	80	120	ICSB Main CR1 Failed
V	51	2	He	96.251	18.443	1164996	1.61	100	96.3	80	120	
Cr	52	2	He	93.392	18.742	1185244	2.01	100	93.4	80	120	
Mn	55	2	He	92.730	18.734	1086450	2.02	100	92.7	80	120	
Fe	56	2	He	97696.383	19.896	1146214596	3.30	100	97696.4	80	120	ICSB Main CR1 Failed
Co	59	2	He	95.592	18.012	1535043	1.25	100	95.6	80	120	
Ni	60	2	He	88.831	18.952	364948	2.29	100	88.8	80	120	
Cu	63	2	He	89.563	18.313	893956	1.52	100	89.6	80	120	
Zn	66	2	He	89.968	18.428	205444	1.72	100	90.0	80	120	
As	75	2	He	94.191	18.211	165726	1.44	100	94.2	80	120	
Sb	121	2	He	95.176	18.338	1037305	1.64	100	95.2	80	120	
Se	78	2	He	96.186	17.701	22385	1.19	100	96.2	80	120	
Ti	47	2	He	1849.382	19.630	1121365	3.23	100	1849.4	80	120	ICSB Main CR1 Failed

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2891990	1.11	2988431	96.77	70	120	
In	115	1	nogas	3200681	0.46	3430137	93.31	70	120	
Li	6	1	nogas	1051485	0.60	1187992	88.51	70	120	
Bi	209	1	nogas	2616156	2.27	3030667	86.32	70	120	
Ge	72	2	He	1644229	18.54	1591743	103.30	70	120	

Calibration Blank Report

Sample Table

Sample Name	CAL BLK
Data File Name	263CALB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:19:28-06:00
Sample Type	CalBlk
Level	1
Dilution	1
Comment	

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	27	284.16
B	11	1	nogas	7502	0.06
Al	27	1	nogas	43123	0.01
P	31	1	nogas	13078	0.02
Ti	47	1	nogas	83	22.00
Ni	60	1	nogas	497	2.48
Cu	63	1	nogas	1507	0.62
Zn	66	1	nogas	2130	0.35
Se	77	1	nogas	2947	0.08
Se	82	1	nogas	180	8.17
Sr	88	1	nogas	1927	0.47
Mo	95	1	nogas	103	60.21
Ag	107	1	nogas	73	123.81
Cd	111	1	nogas	10	0.00
Sn	118	1	nogas	5151	0.17
Sb	121	1	nogas	513	3.95
Ba	137	1	nogas	293	3.74
Tl	205	1	nogas	80	71.60
Pb	208	1	nogas	587	1.60
Li	7	1	nogas	47535	0.00
Si	28	1	nogas	528743	0.00
Na	23	2	He	25070	0.00
Mg	24	2	He	1587	0.33
Al	27	2	He	2384	0.10
K	39	2	He	75009	0.00
Ca	43	2	He	90	32.66
Ca	44	2	He	1520	0.49
V	51	2	He	1887	0.34
Cr	52	2	He	2047	0.41
Mn	55	2	He	2157	0.69
Fe	56	2	He	18867	0.00
Co	59	2	He	147	14.94
Ni	60	2	He	283	14.44
Cu	63	2	He	843	1.23
Zn	66	2	He	1530	0.71
As	75	2	He	137	7.78
Sb	121	2	He	340	3.96
Se	78	2	He	259	5.45

Calibration Blank Report

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Ge	72	1	nogas	1905656	0.66

Calibration Blank Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
In	115	1	nogas	2034779	0.89
Li	6	1	nogas	676732	0.66
Bi	209	1	nogas	1711742	2.74
Ge	72	2	He	825316	0.88

Calibration Standard Report

Sample Table

Sample Name	2/10/200
Data File Name	264CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:21:30-06:00
Sample Type	CalStd
Level	2
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	5998	0.04
B	11	1	nogas	24699	0.01
Al	27	1	nogas	62031	0.01
P	31	1	nogas	19697	0.01
Ti	47	1	nogas	2387	0.30
Ni	60	1	nogas	7628	0.04
Cu	63	1	nogas	17996	0.02
Zn	66	1	nogas	6828	0.07
Se	77	1	nogas	3327	0.20
Se	82	1	nogas	533	3.76
Sr	88	1	nogas	50207	0.00
Mo	95	1	nogas	8982	0.03
Ag	107	1	nogas	21453	0.01
Cd	111	1	nogas	4541	0.12
Sn	118	1	nogas	18170	0.02
Sb	121	1	nogas	18914	0.00
Ba	137	1	nogas	8032	0.07
Tl	205	1	nogas	39417	0.00
Pb	208	1	nogas	55137	0.00
Si	28	1	nogas	574048	0.00
Na	23	2	He	260246	0.00
Mg	24	2	He	154278	0.00
Al	27	2	He	3467	0.16
K	39	2	He	293481	0.00
Ca	43	2	He	747	1.81
Ca	44	2	He	12288	0.01
V	51	2	He	14565	0.02
Cr	52	2	He	16137	0.02
Mn	55	2	He	14636	0.02
Fe	56	2	He	1286546	0.00
Co	59	2	He	18963	0.02
Ni	60	2	He	4951	0.14
Cu	63	2	He	13415	0.01
Zn	66	2	He	3854	0.14
As	75	2	He	2249	0.29
Sb	121	2	He	13222	0.02
Se	78	2	He	491	2.63

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1899370	1.12	1905656	99.67	70	120	
In	115	1	nogas	2076694	1.78	2034779	102.06	70	120	
Li	6	1	nogas	672989	0.69	676732	99.45	70	120	
Bi	209	1	nogas	1718916	2.21	1711742	100.42	70	120	
Ge	72	2	He	831034	0.80	825316	100.69	70	120	

Calibration Standard Report

Sample Table

Sample Name	5/25/500
Data File Name	265CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:23:32-06:00
Sample Type	CalStd
Level	3
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	14469	0.03
B	11	1	nogas	50536	0.00
Al	27	1	nogas	92893	0.00
P	31	1	nogas	29480	0.00
Ti	47	1	nogas	5838	0.03
Ni	60	1	nogas	18466	0.01
Cu	63	1	nogas	43789	0.01
Zn	66	1	nogas	13685	0.01
Se	77	1	nogas	3670	0.06
Se	82	1	nogas	827	0.55
Sr	88	1	nogas	120959	0.00
Mo	95	1	nogas	21980	0.01
Ag	107	1	nogas	54477	0.00
Cd	111	1	nogas	11437	0.04
Sn	118	1	nogas	39338	0.01
Sb	121	1	nogas	47090	0.01
Ba	137	1	nogas	18510	0.01
Tl	205	1	nogas	95342	0.00
Pb	208	1	nogas	135450	0.00
Si	28	1	nogas	648658	0.00
Na	23	2	He	606127	0.00
Mg	24	2	He	375320	0.00
Al	27	2	He	5151	0.22
K	39	2	He	610121	0.00
Ca	43	2	He	1737	0.59
Ca	44	2	He	27551	0.01
V	51	2	He	33461	0.00
Cr	52	2	He	35898	0.01
Mn	55	2	He	29307	0.00
Fe	56	2	He	3004353	0.00
Co	59	2	He	46168	0.00
Ni	60	2	He	12221	0.01
Cu	63	2	He	30482	0.01
Zn	66	2	He	7562	0.03
As	75	2	He	5229	0.03
Sb	121	2	He	32958	0.00
Se	78	2	He	761	0.05

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1892474	0.99	1905656	99.31	70	120	
In	115	1	nogas	2036132	0.22	2034779	100.07	70	120	
Li	6	1	nogas	675883	0.61	676732	99.87	70	120	
Bi	209	1	nogas	1718117	1.93	1711742	100.37	70	120	
Ge	72	2	He	823818	0.40	825316	99.82	70	120	

Calibration Standard Report

Sample Table

Sample Name	10/50/1000
Data File Name	266CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:25:33-06:00
Sample Type	CalStd
Level	4
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	28955	0.01
B	11	1	nogas	93382	0.00
Al	27	1	nogas	149580	0.00
P	31	1	nogas	44950	0.00
Ti	47	1	nogas	12217	0.01
Ni	60	1	nogas	36533	0.00
Cu	63	1	nogas	86753	0.00
Zn	66	1	nogas	25912	0.01
Se	77	1	nogas	4201	0.11
Se	82	1	nogas	1843	0.63
Sr	88	1	nogas	245116	0.00
Mo	95	1	nogas	45174	0.01
Ag	107	1	nogas	108912	0.00
Cd	111	1	nogas	22898	0.01
Sn	118	1	nogas	72412	0.00
Sb	121	1	nogas	95928	0.00
Ba	137	1	nogas	38740	0.01
Tl	205	1	nogas	195485	0.00
Pb	208	1	nogas	275072	0.00
Si	28	1	nogas	776918	0.00
Na	23	2	He	1200072	0.00
Mg	24	2	He	754990	0.00
Al	27	2	He	8499	0.03
K	39	2	He	1155433	0.00
Ca	43	2	He	3150	0.13
Ca	44	2	He	54516	0.00
V	51	2	He	66418	0.00
Cr	52	2	He	71424	0.00
Mn	55	2	He	58308	0.00
Fe	56	2	He	5936345	0.00
Co	59	2	He	94024	0.00
Ni	60	2	He	24143	0.00
Cu	63	2	He	61054	0.00
Zn	66	2	He	14169	0.03
As	75	2	He	10291	0.03
Sb	121	2	He	64903	0.00
Se	78	2	He	1305	0.36

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1897425	0.65	1905656	99.57	70	120	
In	115	1	nogas	2059350	1.05	2034779	101.21	70	120	
Li	6	1	nogas	671884	0.58	676732	99.28	70	120	
Bi	209	1	nogas	1729966	1.25	1711742	101.06	70	120	
Ge	72	2	He	822018	1.42	825316	99.60	70	120	

Calibration Standard Report

Sample Table

Sample Name	100/500/10K
Data File Name	267CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:27:34-06:00
Sample Type	CalStd
Level	5
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	301682	0.00
B	11	1	nogas	882205	0.00
Al	27	1	nogas	1108493	0.00
P	31	1	nogas	331306	0.00
Ti	47	1	nogas	126757	0.00
Ni	60	1	nogas	364547	0.00
Cu	63	1	nogas	859510	0.00
Zn	66	1	nogas	251331	0.00
Se	77	1	nogas	15654	0.01
Se	82	1	nogas	16418	0.01
Sr	88	1	nogas	2379601	0.00
Mo	95	1	nogas	463796	0.00
Ag	107	1	nogas	1111357	0.00
Cd	111	1	nogas	233798	0.00
Sn	118	1	nogas	708457	0.00
Sb	121	1	nogas	982409	0.00
Ba	137	1	nogas	393685	0.00
Tl	205	1	nogas	1947549	0.00
Pb	208	1	nogas	2785176	0.00
Si	28	1	nogas	3206794	0.00
Na	23	2	He	11295297	0.00
Mg	24	2	He	7215636	0.00
Al	27	2	He	58326	0.00
K	39	2	He	10564823	0.00
Ca	43	2	He	33667	0.00
Ca	44	2	He	546505	0.00
V	51	2	He	659958	0.00
Cr	52	2	He	703849	0.00
Mn	55	2	He	581834	0.00
Fe	56	2	He	59575619	0.00
Co	59	2	He	954610	0.00
Ni	60	2	He	239178	0.00
Cu	63	2	He	602597	0.00
Zn	66	2	He	136210	0.00
As	75	2	He	106321	0.00
Sb	121	2	He	678652	0.00
Se	78	2	He	11267	0.02

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1884371	1.14	1905656	98.88	70	120	
In	115	1	nogas	2013817	1.47	2034779	98.97	70	120	
Li	6	1	nogas	635782	1.03	676732	93.95	70	120	
Bi	209	1	nogas	1698877	1.23	1711742	99.25	70	120	
Ge	72	2	He	816255	1.12	825316	98.90	70	120	

Calibration Standard Report

Sample Table

Sample Name	200/1000/20K
Data File Name	268CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:29:33-06:00
Sample Type	CalStd
Level	6
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	606381	0.00
B	11	1	nogas	1716918	0.00
Al	27	1	nogas	2060022	0.00
P	31	1	nogas	649192	0.00
Ti	47	1	nogas	259380	0.00
Ni	60	1	nogas	722637	0.00
Cu	63	1	nogas	1644172	0.00
Zn	66	1	nogas	498315	0.00
Se	77	1	nogas	27668	0.02
Se	82	1	nogas	32867	0.00
Sr	88	1	nogas	4724265	0.00
Mo	95	1	nogas	959406	0.00
Ag	107	1	nogas	2123315	0.00
Cd	111	1	nogas	474966	0.00
Sn	118	1	nogas	1442179	0.00
Sb	121	1	nogas	1816663	0.00
Ba	137	1	nogas	791361	0.00
Tl	205	1	nogas	3859128	0.00
Pb	208	1	nogas	5447794	0.00
Si	28	1	nogas	5792929	0.00
Na	23	2	He	22321931	0.00
Mg	24	2	He	14133548	0.00
Al	27	2	He	113285	0.00
K	39	2	He	20721041	0.00
Ca	43	2	He	64849	0.00
Ca	44	2	He	1088820	0.00
V	51	2	He	1325116	0.00
Cr	52	2	He	1369518	0.00
Mn	55	2	He	1155421	0.00
Fe	56	2	He	118671055	0.00
Co	59	2	He	1776391	0.00
Ni	60	2	He	471775	0.00
Cu	63	2	He	1199858	0.00
Zn	66	2	He	266350	0.00
As	75	2	He	213784	0.00
Sb	121	2	He	1359885	0.00
Se	78	2	He	22093	0.00

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1859941	1.36	1905656	97.60	70	120	
In	115	1	nogas	1956796	2.60	2034779	96.17	70	120	
Li	6	1	nogas	608215	1.42	676732	89.88	70	120	
Bi	209	1	nogas	1632906	0.41	1711742	95.39	70	120	
Ge	72	2	He	803495	0.51	825316	97.36	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICCV2
Data File Name	271LCV2.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:35:29-06:00
Sample Type	LLCCV2
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	1.820	1.474	6098	1.81	2	91.0	70	120	
B	11	1	nogas	23.929	5.972	52767	5.10	10	239.3	70	120	NewName Main CR1 Failed
Al	27	1	nogas	1.551	1.925	59904	1.10	2	77.6	70	120	
P	31	1	nogas	10.914	10.970	20378	2.36	10	109.1	70	120	
Ti	47	1	nogas	1.838	9.505	2534	9.70	2	91.9	70	120	
Ni	60	1	nogas	2.019	3.981	8042	4.73	2	100.9	70	120	
Cu	63	1	nogas	2.092	4.942	19414	3.07	2	104.6	70	120	
Zn	66	1	nogas	1.775	2.692	6701	1.22	2	88.7	70	120	
Se	77	1	nogas	0.023	811.593	2980	2.33	2	1.1	70	120	NewName Main CR1 Failed
Se	82	1	nogas	2.362	13.837	580	9.60	2	118.1	70	120	
Sr	88	1	nogas	1.957	4.574	50942	3.09	2	97.8	70	120	
Mo	95	1	nogas	2.291	3.496	11657	2.71	2	114.5	70	120	
Ag	107	1	nogas	2.000	3.250	22755	2.61	2	100.0	70	120	
Cd	111	1	nogas	1.684	4.723	4231	4.72	2	84.2	70	120	
Sn	118	1	nogas	1.968	3.129	20175	1.55	2	98.4	70	120	
Sb	121	1	nogas	2.306	1.595	22481	1.12	2	115.3	70	120	
Ba	137	1	nogas	1.941	1.623	8419	2.61	2	97.0	70	120	
Tl	205	1	nogas	2.272	4.600	46245	6.34	2	113.6	70	120	
Pb	208	1	nogas	1.929	0.623	56045	1.49	2	96.5	70	120	
Pb	206	1	nogas	1.874	4.781	13886	5.23	2	93.7	70	120	
Pb	207	1	nogas	1.868	0.730	12151	2.05	2	93.4	70	120	
U	238	1	nogas	1.944	3.416	63994	1.80	2	97.2	70	120	
Li	7	1	nogas	1.928	4.616	66726	1.62	2	96.4	70	120	
Ba	135	1	nogas	1.802	12.550	4527	9.98	2	90.1	70	120	
Tl	203	1	nogas	2.339	8.290	19585	9.91	2	116.9	70	120	
Na	23	2	He	208.181	0.901	265299	1.23	200	104.1	70	120	
Mg	24	2	He	211.587	1.585	156539	2.02	200	105.8	70	120	
Al	27	2	He	1.770	13.828	3417	3.76	2	88.5	70	120	
K	39	2	He	206.569	0.562	296375	0.67	200	103.3	70	120	
Ca	43	2	He	187.955	3.697	723	3.48	200	94.0	70	120	
Ca	44	2	He	186.886	3.586	12021	3.51	200	93.4	70	120	
V	51	2	He	1.852	1.247	14529	0.68	2	92.6	70	120	
Cr	52	2	He	2.020	5.474	16387	5.22	2	101.0	70	120	
Mn	55	2	He	1.939	4.467	13719	3.50	2	96.9	70	120	
Fe	56	2	He	212.917	0.553	1323439	0.95	200	106.5	70	120	
Co	59	2	He	2.085	2.580	19544	2.85	2	104.3	70	120	
Ni	60	2	He	1.992	3.098	5144	2.59	2	99.6	70	120	
Cu	63	2	He	2.061	3.604	13612	3.53	2	103.1	70	120	
Zn	66	2	He	1.549	13.081	3667	7.95	2	77.5	70	120	
As	75	2	He	2.000	2.930	2339	2.45	2	100.0	70	120	
Se	77	2	He	2.377	54.921	123	36.56	2	118.9	70	120	
Sb	121	2	He	2.158	3.847	15470	4.10	2	107.9	70	120	
Se	78	2	He	2.562	6.537	550	3.64	2	128.1	70	120	NewName Main CR1 Failed
Ti	47	2	He	2.125	23.921	640	23.02	2	106.2	70	120	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1925323	1.55	1905656	101.03	70	120	
In	115	1	nogas	2083308	1.99	2034779	102.38	70	120	
Li	6	1	nogas	675886	0.41	676732	99.87	70	120	
Bi	209	1	nogas	1729363	1.79	1711742	101.03	70	120	
Ge	72	2	He	831704	0.45	825316	100.77	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICCV5
Data File Name	272LCV5.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:37:31-06:00
Sample Type	LLCCV5
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	4.345	3.198	14492	3.38	5	86.9	70	130	
B	11	1	nogas	28.997	0.324	62240	0.78	25	116.0	70	130	
Al	27	1	nogas	4.348	3.671	89932	2.02	5	87.0	70	130	
P	31	1	nogas	23.979	0.697	29156	0.28	25	95.9	70	130	
Ti	47	1	nogas	4.654	6.463	6325	6.50	5	93.1	70	130	
Ni	60	1	nogas	4.696	2.878	18152	2.99	5	93.9	70	130	
Cu	63	1	nogas	4.949	3.246	44147	3.05	5	99.0	70	130	
Zn	66	1	nogas	4.193	4.695	12985	4.01	5	83.9	70	130	
Se	77	1	nogas	2.476	64.670	3317	6.50	5	49.5	70	130	NewName Main CR1 Failed
Se	82	1	nogas	4.110	15.479	880	12.03	5	82.2	70	130	
Sr	88	1	nogas	4.714	0.188	120191	1.28	5	94.3	70	130	
Mo	95	1	nogas	4.414	2.641	22408	2.86	5	88.3	70	130	
Ag	107	1	nogas	4.723	2.101	53718	0.91	5	94.5	70	130	
Cd	111	1	nogas	4.407	1.545	11074	2.35	5	88.1	70	130	
Sn	118	1	nogas	4.226	2.128	37347	2.49	5	84.5	70	130	
Sb	121	1	nogas	4.975	1.622	48216	1.80	5	99.5	70	130	
Ba	137	1	nogas	4.466	0.481	19014	1.27	5	89.3	70	130	
Tl	205	1	nogas	4.732	2.583	96093	1.70	5	94.6	70	130	
Pb	208	1	nogas	4.643	2.034	133905	0.83	5	92.9	70	130	
U	238	1	nogas	4.586	1.461	150824	0.38	5	91.7	70	130	
Li	7	1	nogas	4.558	1.458	92806	1.11	5	91.2	70	130	
Si	28	1	nogas	244.181	2.459	671921	0.36	25	976.7	70	130	NewName Main CR1 Failed
Na	23	2	He	506.520	0.463	611426	0.42	500	101.3	70	130	
Mg	24	2	He	508.482	0.095	375256	0.27	500	101.7	70	130	
Al	27	2	He	4.355	7.251	4917	3.71	5	87.1	70	130	
K	39	2	He	499.796	0.903	611932	0.62	500	100.0	70	130	
Ca	43	2	He	445.872	11.235	1597	10.49	500	89.2	70	130	
Ca	44	2	He	469.940	3.080	28005	3.07	500	94.0	70	130	
V	51	2	He	4.567	2.013	33162	1.88	5	91.3	70	130	
Cr	52	2	He	4.662	3.064	35247	2.71	5	93.2	70	130	
Mn	55	2	He	4.468	2.900	28886	2.83	5	89.4	70	130	
Fe	56	2	He	484.385	1.079	2997092	1.05	500	96.9	70	130	
Co	59	2	He	4.967	0.619	46502	0.65	5	99.3	70	130	
Ni	60	2	He	4.801	3.343	12037	3.23	5	96.0	70	130	
Cu	63	2	He	4.829	0.751	30856	0.51	5	96.6	70	130	
Zn	66	2	He	4.001	4.880	7051	3.65	5	80.0	70	130	
As	75	2	He	4.687	1.399	5316	1.37	5	93.7	70	130	
Sb	121	2	He	4.622	0.664	32861	0.44	5	92.4	70	130	
Se	78	2	He	5.029	15.914	831	10.98	5	100.6	70	130	
Ti	47	2	He	4.863	7.866	1453	7.61	5	97.3	70	130	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1937549	0.26	1905656	101.67	70	120	
In	115	1	nogas	2086709	1.21	2034779	102.55	70	120	
Li	6	1	nogas	674617	0.50	676732	99.69	70	120	
Bi	209	1	nogas	1727837	1.23	1711742	100.94	70	120	
Ge	72	2	He	834649	0.22	825316	101.13	70	120	

Initial Calibration Blank (ICB) Report

Sample Table

Sample Name	ICCB
Data File Name	273_ICB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:39:32-06:00
Sample Type	ICB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.015	67.6	77	43.4	1	
B	11	1	nogas	5.897	2.6	18773	1.9	10	
Al	27	1	nogas	-1.165	-6.6	31533	1.7	5	
P	31	1	nogas	0.401	127.0	13575	1.3	10	
Ti	47	1	nogas	0.029	128.8	123	40.8	2.5	
Ni	60	1	nogas	-0.071	-10.1	237	10.6	2.5	
Cu	63	1	nogas	-0.045	-12.4	1150	3.1	1	
Zn	66	1	nogas	-0.403	-14.6	1127	13.4	2.5	
Se	77	1	nogas	-2.990	-54.0	2610	6.8	2.5	
Se	82	1	nogas	0.256	14.3	227	2.5	1	
Sr	88	1	nogas	-0.010	-57.9	1733	8.9	2.5	
Mo	95	1	nogas	0.118	3.0	700	3.8	2.5	
Ag	107	1	nogas	0.007	30.3	157	14.7	2.5	
Cd	111	1	nogas	0.002	329.7	17	124.9	1	
Sn	118	1	nogas	-0.201	-24.4	3754	10.5	5	
Sb	121	1	nogas	0.062	27.2	1113	13.2	2.5	
Ba	137	1	nogas	-0.014	-64.1	243	13.2	2.5	
Tl	205	1	nogas	0.040	37.9	897	37.7	1	
Pb	208	1	nogas	-0.001	-767.5	570	25.3	2.5	
U	238	1	nogas	0.004	24.7	207	19.6	2.5	
Si	28	1	nogas	11.355	195.4	544386	1.0	5	ICB Main CR1 Failed
Na	23	2	He	-0.996	-55.5	24159	2.7	100	
Mg	24	2	He	-0.116	-189.8	1517	10.5	100	
Al	27	2	He	-1.003	-13.7	1830	4.1	5	
K	39	2	He	-0.854	-109.7	74808	1.5	100	
Ca	43	2	He	-9.194	-56.1	60	28.9	100	
Ca	44	2	He	-4.818	-68.8	1263	14.7	100	
V	51	2	He	-0.044	-36.5	1603	6.9	2.5	
Cr	52	2	He	-0.017	-228.7	1947	13.8	2.5	
Mn	55	2	He	-0.080	-24.6	1697	6.8	2.5	
Fe	56	2	He	0.378	38.2	21369	4.2	100	
Co	59	2	He	0.006	67.2	200	17.3	2.5	
Ni	60	2	He	-0.061	-55.6	137	60.9	2.5	
Cu	63	2	He	-0.026	-84.9	693	19.2	1	
Zn	66	2	He	-0.649	-4.4	653	6.2	2.5	
As	75	2	He	0.038	27.0	180	6.4	2.5	
Sb	121	2	He	0.074	18.5	863	11.1	2.5	
Se	78	2	He	0.035	864.0	265	13.1	1	
Ti	47	2	He	0.011	626.5	17	124.9	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1939789	1.26	1905656	101.79	70	120	
In	115	1	nogas	2084779	1.67	2034779	102.46	70	120	

Initial Calibration Blank (ICB) Report

Li	6	1	nogas	680336	0.91	676732	100.53	70	120	
Bi	209	1	nogas	1705049	3.29	1711742	99.61	70	120	
Ge	72	2	He	833137	0.19	825316	100.95	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	305_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:44:46-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	102.416	0.407	324882	0.51	100	102.4	90	110	
B	11	1	nogas	553.496	1.301	1003001	1.52	500	110.7	90	110	CCV Main CR1-2 Failed
Al	27	1	nogas	106.884	2.860	1201734	1.43	100	106.9	90	110	
P	31	1	nogas	519.595	2.302	364559	0.84	500	103.9	90	110	
Ti	47	1	nogas	104.288	1.479	142899	0.39	100	104.3	90	110	
Ni	60	1	nogas	106.083	3.606	407589	2.42	100	106.1	90	110	
Cu	63	1	nogas	108.612	2.768	956640	1.49	100	108.6	90	110	
Zn	66	1	nogas	105.390	2.386	279924	1.37	100	105.4	90	110	
Se	77	1	nogas	106.480	3.335	17142	1.98	100	106.5	90	110	
Se	82	1	nogas	99.969	3.383	17505	2.95	100	100.0	90	110	
Sr	88	1	nogas	103.732	0.753	2651079	2.18	100	103.7	90	110	
Mo	95	1	nogas	102.759	0.522	528760	1.70	100	102.8	90	110	
Ag	107	1	nogas	108.187	1.217	1251561	2.70	100	108.2	90	110	
Cd	111	1	nogas	103.655	1.627	264991	3.07	100	103.7	90	110	
Sn	118	1	nogas	103.660	0.801	806285	2.27	100	103.7	90	110	
Sb	121	1	nogas	113.242	3.279	1109241	1.87	100	113.2	90	110	CCV Main CR1-2 Failed
Ba	137	1	nogas	103.863	0.480	443373	1.02	100	103.9	90	110	
Tl	205	1	nogas	105.460	3.503	2201634	1.13	100	105.5	90	110	
Pb	208	1	nogas	104.945	3.387	3100976	1.43	100	104.9	90	110	
U	238	1	nogas	103.830	3.434	3511652	1.34	100	103.8	90	110	
Li	7	1	nogas	107.199	0.731	1062791	0.26	100	107.2	90	110	
Si	28	1	nogas	5266.932	2.612	3508025	1.20	5000	105.3	90	110	
Ba	135	1	nogas	103.872	0.385	255297	1.64	100	103.9	90	110	
Tl	203	1	nogas	111.691	4.755	959573	2.40	100	111.7	90	110	CCV Main CR1-2 Failed
Na	23	2	He	10548.665	1.326	12478292	0.48	10000	105.5	90	110	
Mg	24	2	He	10573.644	0.253	7929434	0.97	10000	105.7	90	110	
Al	27	2	He	103.965	2.777	63509	1.87	100	104.0	90	110	
K	39	2	He	10538.657	0.873	11610247	0.37	10000	105.4	90	110	
Ca	43	2	He	10343.009	1.950	35728	1.32	10000	103.4	90	110	
Ca	44	2	He	10450.615	0.069	602099	0.85	10000	104.5	90	110	
V	51	2	He	103.820	0.614	726854	0.64	100	103.8	90	110	
Cr	52	2	He	106.860	0.573	778074	0.63	100	106.9	90	110	
Mn	55	2	He	105.574	1.196	646033	0.80	100	105.6	90	110	
Fe	56	2	He	10511.520	0.807	65954767	0.13	10000	105.1	90	110	
Co	59	2	He	105.823	0.587	1053559	0.40	100	105.8	90	110	
Ni	60	2	He	106.136	1.116	265358	1.29	100	106.1	90	110	
Cu	63	2	He	106.148	0.439	673745	1.16	100	106.1	90	110	
Zn	66	2	He	103.531	0.641	146909	1.29	100	103.5	90	110	
As	75	2	He	102.952	0.585	116185	0.31	100	103.0	90	110	
Sb	121	2	He	104.249	0.185	748663	1.01	100	104.2	90	110	
Se	78	2	He	104.089	0.505	12295	0.87	100	104.1	90	110	
Ti	47	2	He	103.930	2.359	31423	2.92	100	103.9	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1979273	1.40	1905656	103.86	70	120	
In	115	1	nogas	2124750	1.48	2034779	104.42	70	120	
Li	6	1	nogas	642725	0.92	676732	94.97	70	120	
Bi	209	1	nogas	1778340	2.44	1711742	103.89	70	120	
Ge	72	2	He	851609	0.90	825316	103.19	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	306_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:46:49-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.039	36.3	160	30.1	1	
B	11	1	nogas	27.097	7.9	60478	7.5	10	CCB Main CR1 Failed
Al	27	1	nogas	-1.472	-0.7	29787	1.3	5	
P	31	1	nogas	0.163	146.6	14139	2.2	10	
Ti	47	1	nogas	0.066	23.2	183	12.6	2.5	
Ni	60	1	nogas	-0.024	-57.4	437	12.6	2.5	
Cu	63	1	nogas	-0.028	-41.8	1367	8.7	2	
Zn	66	1	nogas	-0.278	-26.9	1530	14.7	2.5	
Se	77	1	nogas	-3.395	-16.6	2697	4.1	2.5	
Se	82	1	nogas	0.466	44.7	277	14.6	2	
Sr	88	1	nogas	0.070	10.8	3977	4.5	2.5	
Mo	95	1	nogas	0.448	28.0	2524	26.1	2.5	
Ag	107	1	nogas	0.023	45.4	357	35.1	2.5	
Cd	111	1	nogas	0.027	35.5	83	30.2	1	
Sn	118	1	nogas	-0.088	-11.7	4921	1.7	5	
Sb	121	1	nogas	0.350	13.2	4091	12.0	2.5	
Ba	137	1	nogas	0.055	30.8	567	13.0	2.5	
Tl	205	1	nogas	0.344	46.3	7702	48.4	1	
Pb	208	1	nogas	0.027	28.8	1497	19.1	2.5	
U	238	1	nogas	0.046	28.1	1697	29.3	2.5	
Si	28	1	nogas	-43.307	-51.7	541780	1.0	5	
Na	23	2	He	37.919	1.1	72521	0.8	100	
Mg	24	2	He	4.092	3.2	4831	2.4	100	
Al	27	2	He	-1.518	-6.8	1610	4.3	5	
K	39	2	He	-0.801	-72.1	78564	0.5	100	
Ca	43	2	He	22.965	63.4	177	29.0	100	
Ca	44	2	He	0.510	534.2	1640	9.8	100	
V	51	2	He	-0.009	-116.5	1932	4.6	2.5	
Cr	52	2	He	-0.018	-139.4	2037	9.4	2.5	
Mn	55	2	He	0.134	45.3	3124	12.7	2.5	
Fe	56	2	He	5.232	3.5	53681	1.8	100	
Co	59	2	He	0.012	86.7	277	37.6	2.5	
Ni	60	2	He	-0.035	-30.2	210	12.6	2.5	
Cu	63	2	He	-0.021	-92.6	757	16.2	2	
Zn	66	2	He	-0.514	-27.9	880	22.8	2.5	
As	75	2	He	0.134	14.4	300	8.0	2.5	
Sb	121	2	He	0.216	9.8	1950	8.1	2.5	
Se	78	2	He	0.200	13.3	298	1.2	2	
Ti	47	2	He	-0.034	-53.9	3	173.2	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2043576	1.56	1905656	107.24	70	120	
In	115	1	nogas	2226897	0.92	2034779	109.44	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	695459	0.72	676732	102.77	70	120	
Bi	209	1	nogas	1868632	2.77	1711742	109.17	70	120	
Ge	72	2	He	874325	0.60	825316	105.94	70	120	

Interference Check Solution A (ICS-A) Report

Sample Table

Sample Name	ICSA
Data File Name	307ICSA.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:48:56-06:00
Sample Type	ICSA
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.005	201.6	40	76.0	0	ICSA Main CR1 Failed
B	11	1	nogas	19.832	3.5	42273	3.0	0	ICSA Main CR1 Failed
Al	27	1	nogas	91088.715	1.1	968750252	0.3	0	
P	31	1	nogas	87065.783	1.1	57792849	0.6	0	
Ti	47	1	nogas	1838.825	2.7	2473524	1.8	0	
Ni	60	1	nogas	0.815	11.5	3580	9.5	0	ICSA Main CR1 Failed
Cu	63	1	nogas	1.071	4.1	10797	4.5	0	ICSA Main CR1 Failed
Zn	66	1	nogas	0.996	13.5	4754	8.1	0	ICSA Main CR1 Failed
Se	77	1	nogas	19.004	14.7	5478	7.5	0	
Se	82	1	nogas	0.252	34.1	227	6.7	0	ICSA Main CR1 Failed
Sr	88	1	nogas	1.037	3.2	27478	2.0	0	ICSA Main CR1 Failed
Mo	95	1	nogas	1781.129	2.8	8837017	0.4	0	
Ag	107	1	nogas	0.023	3.9	330	5.2	0	ICSA Main CR1 Failed
Cd	111	1	nogas	1.470	6.2	3637	7.8	0	ICSA Main CR1 Failed
Sn	118	1	nogas	-0.222	-12.3	3537	7.2	0	ICSA Main CR1 Failed
Sb	121	1	nogas	0.094	11.7	1433	8.4	0	ICSA Main CR1 Failed
Ba	137	1	nogas	0.077	16.3	613	6.6	0	ICSA Main CR1 Failed
Tl	205	1	nogas	0.027	24.3	613	25.1	0	ICSA Main CR1 Failed
Pb	208	1	nogas	0.046	9.9	1847	11.2	0	ICSA Main CR1 Failed
Si	28	1	nogas	135.842	2.2	614442	0.8	0	
Na	23	2	He	101572.679	0.5	112524312	0.3	0	
Mg	24	2	He	101694.064	0.6	71534482	0.2	0	
Al	27	2	He	91356.236	0.9	50338296	0.4	0	
K	39	2	He	102217.480	0.2	105024058	0.5	0	
Ca	43	2	He	98542.597	0.1	318642	0.6	0	
Ca	44	2	He	96320.320	0.9	5194209	0.7	0	
V	51	2	He	0.038	63.9	2075	7.2	0	ICSA Main CR1 Failed
Cr	52	2	He	0.987	6.1	8706	5.3	0	ICSA Main CR1 Failed
Mn	55	2	He	0.123	9.1	2790	2.8	0	ICSA Main CR1 Failed
Fe	56	2	He	102230.725	0.2	601672098	0.6	0	
Co	59	2	He	0.208	13.8	2083	12.4	0	ICSA Main CR1 Failed
Ni	60	2	He	0.294	9.9	963	7.4	0	ICSA Main CR1 Failed
Cu	63	2	He	0.241	17.3	2247	10.5	0	ICSA Main CR1 Failed
Zn	66	2	He	-0.093	-134.1	1360	12.1	0	ICSA Main CR1 Failed
As	75	2	He	0.201	23.6	344	14.7	0	ICSA Main CR1 Failed
Sb	121	2	He	0.090	47.1	933	30.7	0	ICSA Main CR1 Failed
Se	78	2	He	0.177	239.0	270	17.5	0	ICSA Main CR1 Failed
Ti	47	2	He	1958.154	0.5	555182	0.3	0	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1944255	1.04	1905656	102.03	70	120	
In	115	1	nogas	2050057	2.41	2034779	100.75	70	120	
Li	6	1	nogas	634732	1.34	676732	93.79	70	120	
Bi	209	1	nogas	1674234	4.45	1711742	97.81	70	120	
Ge	72	2	He	798974	0.55	825316	96.81	70	120	

Interference Check Solution AB (ICS-AB) Report

Sample Table

Sample Name	ICSAB
Data File Name	308ICSB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:50:59-06:00
Sample Type	ICSB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	101.132	0.729	303242	0.20	100	101.1	80	120	
B	11	1	nogas	550.556	0.515	943085	0.69	100	550.6	80	120	
Al	27	1	nogas	89393.805	1.369	969773506	1.28	100	89393.8	80	120	ICSB Main CR1 Failed
Ti	47	1	nogas	1940.185	1.789	2662452	1.80	100	1940.2	80	120	
Ni	60	1	nogas	97.204	2.444	374298	1.42	100	97.2	80	120	
Cu	63	1	nogas	99.576	2.412	878957	1.23	100	99.6	80	120	
Zn	66	1	nogas	100.185	3.238	266717	2.11	100	100.2	80	120	
Se	77	1	nogas	127.056	3.445	19901	1.79	100	127.1	80	120	
Se	82	1	nogas	102.193	5.872	17919	4.43	100	102.2	80	120	
Sr	88	1	nogas	103.381	1.215	2575814	1.30	100	103.4	80	120	
Mo	95	1	nogas	1900.253	1.285	9531178	1.23	100	1900.3	80	120	
Ag	107	1	nogas	120.279	0.921	1356453	1.09	100	120.3	80	120	ICSB Main CR1 Failed
Cd	111	1	nogas	100.991	0.429	251679	0.59	100	101.0	80	120	
Sn	118	1	nogas	100.793	0.817	764446	0.98	100	100.8	80	120	
Sb	121	1	nogas	107.216	2.173	1052451	0.94	100	107.2	80	120	
Ba	137	1	nogas	101.454	1.672	422280	1.82	100	101.5	80	120	
Tl	205	1	nogas	101.886	4.033	1986763	0.94	100	101.9	80	120	
Pb	208	1	nogas	101.016	3.992	2787959	0.93	100	101.0	80	120	
U	238	1	nogas	105.045	4.352	3318153	1.24	100	105.0	80	120	
Si	28	1	nogas	5136.423	2.240	3441570	0.67	100	5136.4	80	120	ICSB Main CR1 Failed
Na	23	2	He	111049.409	0.871	125072308	0.69	100	111049.4	80	120	
Mg	24	2	He	110782.529	1.145	79224847	0.24	100	110782.5	80	120	
Al	27	2	He	89967.886	1.200	50399339	0.46	100	89967.9	80	120	ICSB Main CR1 Failed
K	39	2	He	110810.254	0.472	115746205	0.74	100	110810.3	80	120	
Ca	43	2	He	108065.490	1.388	355281	2.12	100	108065.5	80	120	
Ca	44	2	He	105054.931	0.842	5760087	1.71	100	105054.9	80	120	
V	51	2	He	102.517	0.735	684638	0.66	100	102.5	80	120	
Cr	52	2	He	103.228	0.668	717013	0.60	100	103.2	80	120	
Mn	55	2	He	100.356	0.424	585927	1.48	100	100.4	80	120	
Fe	56	2	He	110840.462	0.715	663223190	0.84	100	110840.5	80	120	
Co	59	2	He	101.487	0.824	963770	0.60	100	101.5	80	120	
Ni	60	2	He	99.622	0.667	237591	0.44	100	99.6	80	120	
Cu	63	2	He	99.355	1.096	601543	0.53	100	99.4	80	120	
Zn	66	2	He	100.693	2.749	136305	1.74	100	100.7	80	120	
As	75	2	He	103.564	0.999	111485	1.24	100	103.6	80	120	
Sb	121	2	He	101.667	0.885	696403	0.26	100	101.7	80	120	
Se	78	2	He	107.506	0.953	12105	1.61	100	107.5	80	120	
Ti	47	2	He	2075.834	0.888	598359	0.64	100	2075.8	80	120	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1983211	1.41	1905656	104.07	70	120	
In	115	1	nogas	2071556	0.17	2034779	101.81	70	120	
Li	6	1	nogas	607539	0.77	676732	89.78	70	120	
Bi	209	1	nogas	1661560	3.20	1711742	97.07	70	120	
Ge	72	2	He	812324	1.05	825316	98.43	70	120	

Sample Report

Sample Table

Sample Name	MBLK-161677
Data File Name	310SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:55:06-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.009	0.009	77.07	58	0.01	2000	
B	11	1	nogas	10.935	10.935	1.54	29888	0.04	2000	
Al	27	1	nogas	15.412	15.412	10.85	233662	0.01	2000	
Ti	47	1	nogas	0.254	0.254	26.17	480	0.05	2000	
Ni	60	1	nogas	-0.026	-0.026	-38.07	460	-0.01	2000	
Cu	63	1	nogas	0.019	0.019	61.34	1917	0.00	2000	
Zn	66	1	nogas	-0.103	-0.103	-78.61	2143	0.00	2000	
Se	77	1	nogas	-2.635	-2.635	-48.48	2994	-0.09	2000	
Se	82	1	nogas	0.123	0.123	221.20	230	0.05	2000	
Sr	88	1	nogas	0.011	0.011	58.23	2570	0.00	2000	
Mo	95	1	nogas	1.469	1.469	3.01	8639	0.02	2000	
Ag	107	1	nogas	0.004	0.004	44.76	133	0.00	2000	
Cd	111	1	nogas	0.012	0.012	17.27	47	0.03	2000	
Sn	118	1	nogas	-0.426	-0.426	-3.49	2350	-0.02	2000	
Sb	121	1	nogas	0.038	0.038	37.12	997	0.00	2000	
Ba	137	1	nogas	0.052	0.052	17.37	597	0.01	2000	
Tl	205	1	nogas	0.025	0.025	16.93	693	0.00	2000	
Pb	208	1	nogas	0.013	0.013	66.79	1150	0.00	2000	
U	238	1	nogas	0.009	0.009	18.72	430	0.00	2000	
Si	28	1	nogas	529.216	529.216	1.99	934630	0.06	2000	
Na	23	2	He	37.579	37.579	1.36	75733	0.05	200000	
Mg	24	2	He	28.416	28.416	1.16	24740	0.11	200000	
Al	27	2	He	12.210	12.210	9.58	10383	0.12	2000	
K	39	2	He	2.441	2.441	52.39	86338	0.00	200000	
Ca	43	2	He	8.893	8.893	152.85	133	6.67	200000	
Ca	44	2	He	6.173	6.173	51.61	2073	0.30	200000	
V	51	2	He	-0.046	-0.046	-32.13	1755	0.00	2000	
Cr	52	2	He	-0.165	-0.165	-8.08	983	-0.02	2000	
Mn	55	2	He	-0.012	-0.012	-238.64	2320	0.00	2000	
Fe	56	2	He	27.836	27.836	2.59	209270	0.01	200000	
Co	59	2	He	0.001	0.001	111.53	173	0.00	2000	
Ni	60	2	He	-0.042	-0.042	-18.05	203	-0.02	2000	
Cu	63	2	He	0.034	0.034	163.22	1170	0.00	2000	
Zn	66	2	He	-0.374	-0.374	-26.66	1137	-0.03	2000	
As	75	2	He	-0.004	-0.004	-297.52	147	0.00	2000	
Sb	121	2	He	0.026	0.026	64.69	577	0.00	2000	
Se	78	2	He	-0.204	-0.204	-87.04	263	-0.08	2000	
Ti	47	2	He	0.302	0.302	38.06	113	0.27	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2185221	0.54	1905656	114.67	70	120	
In	115	1	nogas	2394180	1.10	2034779	117.66	70	120	
Li	6	1	nogas	716824	0.25	676732	105.92	70	120	

Sample Report

Bi	209	1	nogas	2040876	3.08	1711742	119.23	70	120	
Ge	72	2	He	918296	0.46	825316	111.27	70	120	

Sample Report

Sample Table

Sample Name	LCS-161677
Data File Name	311SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:57:13-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	44.199	44.199	1.02	157751	0.03	2000	
B	11	1	nogas	10.248	10.248	2.03	28758	0.04	2000	
Al	27	1	nogas	53.962	53.962	1.15	695271	0.01	2000	
Ti	47	1	nogas	44.724	44.724	1.68	67803	0.07	2000	
Ni	60	1	nogas	47.100	47.100	1.02	200401	0.02	2000	
Cu	63	1	nogas	49.087	49.087	0.53	478966	0.01	2000	
Zn	66	1	nogas	47.926	47.926	0.49	142068	0.03	2000	
Se	77	1	nogas	44.825	44.825	2.33	9936	0.45	2000	
Se	82	1	nogas	45.838	45.838	0.23	8986	0.51	2000	
Sr	88	1	nogas	0.039	0.039	1.44	3367	0.00	2000	
Mo	95	1	nogas	43.984	43.984	0.93	253533	0.02	2000	
Ag	107	1	nogas	48.037	48.037	1.55	622306	0.01	2000	
Cd	111	1	nogas	45.897	45.897	2.78	131384	0.03	2000	
Sn	118	1	nogas	-0.488	-0.488	-4.17	1803	-0.03	2000	
Sb	121	1	nogas	49.319	49.319	0.71	534504	0.01	2000	
Ba	137	1	nogas	44.173	44.173	1.07	211387	0.02	2000	
Tl	205	1	nogas	45.511	45.511	5.18	1055513	0.00	2000	
Pb	208	1	nogas	45.906	45.906	4.83	1507255	0.00	2000	
U	238	1	nogas	0.004	0.004	52.35	237	0.00	2000	
Si	28	1	nogas	377.967	377.967	3.19	841773	0.04	2000	
Na	23	2	He	4663.592	4663.592	0.67	6077264	0.08	200000	
Mg	24	2	He	4723.639	4723.639	0.41	3892828	0.12	200000	
Al	27	2	He	52.434	52.434	1.90	36536	0.14	2000	
K	39	2	He	4698.253	4698.253	0.39	5734058	0.08	200000	
Ca	43	2	He	4464.131	4464.131	2.73	17001	26.26	200000	
Ca	44	2	He	4601.614	4601.614	0.72	292238	1.57	200000	
V	51	2	He	45.074	45.074	0.23	347917	0.01	2000	
Cr	52	2	He	46.308	46.308	0.54	371766	0.01	2000	
Mn	55	2	He	45.998	45.998	1.26	310629	0.01	2000	
Fe	56	2	He	4629.650	4629.650	0.91	31927984	0.01	200000	
Co	59	2	He	46.792	46.792	1.20	511915	0.01	2000	
Ni	60	2	He	46.929	46.929	1.29	129087	0.04	2000	
Cu	63	2	He	47.424	47.424	0.90	331229	0.01	2000	
Zn	66	2	He	47.093	47.093	0.86	74363	0.06	2000	
As	75	2	He	46.690	46.690	1.31	57975	0.08	2000	
Sb	121	2	He	45.335	45.335	0.14	357910	0.01	2000	
Se	78	2	He	47.446	47.446	1.70	6317	0.75	2000	
Ti	47	2	He	43.745	43.745	3.45	14539	0.30	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2187816	0.99	1905656	114.81	70	120	
In	115	1	nogas	2379664	0.99	2034779	116.95	70	120	
Li	6	1	nogas	723072	0.40	676732	106.85	70	120	

Sample Report

Bi	209	1	nogas	1976442	3.00	1711742	115.46	70	120	
Ge	72	2	He	935626	0.26	825316	113.37	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01SD
Data File Name	313SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:01:22-06:00
Sample Type	Sample
Dilution	5
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.007	0.036	96.17	52	0.01	2000	
B	11	1	nogas	31.342	156.709	1.10	68171	0.05	2000	
Al	27	1	nogas	2.584	12.921	13.39	77602	0.00	2000	
Ti	47	1	nogas	0.553	2.763	9.87	900	0.06	2000	
Ni	60	1	nogas	0.427	2.134	9.43	2297	0.02	2000	
Cu	63	1	nogas	0.136	0.679	0.87	2944	0.00	2000	
Zn	66	1	nogas	0.200	1.001	44.01	2924	0.01	2000	
Se	77	1	nogas	1.815	9.073	9.61	3520	0.05	2000	
Se	82	1	nogas	0.437	2.184	46.91	280	0.16	2000	
Sr	88	1	nogas	152.304	761.521	1.36	4225296	0.00	2000	
Mo	95	1	nogas	1.244	6.221	5.73	7065	0.02	2000	
Ag	107	1	nogas	0.001	0.004	399.42	93	0.00	2000	
Cd	111	1	nogas	0.013	0.064	15.11	47	0.03	2000	
Sn	118	1	nogas	-0.464	-2.318	-2.37	1950	-0.02	2000	
Sb	121	1	nogas	0.140	0.698	13.58	2027	0.01	2000	
Ba	137	1	nogas	100.440	502.200	1.80	465595	0.02	2000	
Tl	205	1	nogas	0.030	0.149	24.30	773	0.00	2000	
Pb	208	1	nogas	0.023	0.114	10.89	1403	0.00	2000	
U	238	1	nogas	0.029	0.145	4.88	1147	0.00	2000	
Si	28	1	nogas	39143.049	195715.246	1.55	24042070	0.16	2000	>LDR
Na	23	2	He	13220.398	66101.990	0.27	16392069	0.08	200000	
Mg	24	2	He	3982.411	19912.055	0.70	3132383	0.13	200000	
Al	27	2	He	2.855	14.274	18.29	4337	0.07	2000	
K	39	2	He	866.694	4333.472	0.36	1075705	0.08	200000	
Ca	43	2	He	21352.611	106763.055	2.36	77252	27.64	200000	
Ca	44	2	He	21368.689	106843.445	1.93	1289173	1.66	200000	
V	51	2	He	0.015	0.074	20.57	2150	0.00	2000	
Cr	52	2	He	0.009	0.044	294.20	2280	0.00	2000	
Mn	55	2	He	1463.736	7318.678	0.98	9362607	0.02	2000	
Fe	56	2	He	2136.369	10681.845	0.18	14072116	0.02	200000	
Co	59	2	He	0.125	0.626	5.82	1467	0.01	2000	
Ni	60	2	He	0.410	2.049	0.59	1380	0.03	2000	
Cu	63	2	He	0.062	0.309	13.43	1323	0.00	2000	
Zn	66	2	He	-0.083	-0.417	-51.43	1533	-0.01	2000	
As	75	2	He	1.080	5.402	11.91	1426	0.08	2000	
Sb	121	2	He	0.139	0.693	14.52	1410	0.01	2000	
Se	78	2	He	0.312	1.559	61.14	318	0.10	2000	
Ti	47	2	He	0.260	1.299	42.49	97	0.27	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2111077	1.08	1905656	110.78	70	120	
In	115	1	nogas	2307369	1.02	2034779	113.40	70	120	
Li	6	1	nogas	689837	0.41	676732	101.94	70	120	

Sample Report

Bi	209	1	nogas	1946571	2.70	1711742	113.72	70	120	
Ge	72	2	He	892942	0.93	825316	108.19	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01MS
Data File Name	314SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:03:27-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	40.593	40.593	0.75	137870	0.03	2000	
B	11	1	nogas	86.806	86.806	1.03	174827	0.05	2000	
Al	27	1	nogas	48.802	48.802	3.47	617304	0.01	2000	
Ti	47	1	nogas	41.836	41.836	4.32	61796	0.07	2000	
Ni	60	1	nogas	42.242	42.242	1.60	175205	0.02	2000	
Cu	63	1	nogas	42.538	42.538	1.91	404690	0.01	2000	
Zn	66	1	nogas	42.984	42.984	2.90	124394	0.03	2000	
Se	77	1	nogas	52.258	52.258	5.19	10740	0.49	2000	
Se	82	1	nogas	43.790	43.790	4.76	8379	0.52	2000	
Sr	88	1	nogas	709.770	709.770	1.72	19006388	0.00	2000	
Mo	95	1	nogas	43.258	43.258	1.58	233454	0.02	2000	
Ag	107	1	nogas	42.053	42.053	1.43	510097	0.01	2000	
Cd	111	1	nogas	41.626	41.626	1.20	111576	0.04	2000	
Sn	118	1	nogas	-0.466	-0.466	-3.36	1863	-0.03	2000	
Sb	121	1	nogas	44.066	44.066	3.00	465362	0.01	2000	
Ba	137	1	nogas	483.092	483.092	1.81	2161533	0.02	2000	
Tl	205	1	nogas	41.399	41.399	3.43	916014	0.00	2000	
Pb	208	1	nogas	40.588	40.588	3.76	1271340	0.00	2000	
U	238	1	nogas	0.132	0.132	12.77	4781	0.00	2000	
Si	28	1	nogas	181045.726	181045.726	1.78	110165735	0.16	2000	>LDR
Na	23	2	He	63296.927	63296.927	0.59	79043915	0.08	200000	
Mg	24	2	He	21694.437	21694.437	1.07	17201161	0.13	200000	
Al	27	2	He	46.502	46.502	0.91	31480	0.15	2000	
K	39	2	He	7896.711	7896.711	1.75	9219839	0.09	200000	
Ca	43	2	He	102589.785	102589.785	1.65	373861	27.44	200000	
Ca	44	2	He	99475.541	99475.541	0.93	6046002	1.65	200000	
V	51	2	He	40.947	40.947	1.26	304382	0.01	2000	
Cr	52	2	He	41.198	41.198	0.37	318577	0.01	2000	
Mn	55	2	He	6571.306	6571.306	0.84	42377838	0.02	2000	>LDR
Fe	56	2	He	13553.848	13553.848	1.24	89922669	0.02	200000	
Co	59	2	He	41.614	41.614	1.15	438204	0.01	2000	
Ni	60	2	He	42.091	42.091	2.21	111461	0.04	2000	
Cu	63	2	He	41.204	41.204	1.54	277093	0.01	2000	
Zn	66	2	He	43.527	43.527	0.32	66280	0.07	2000	
As	75	2	He	46.405	46.405	1.19	55459	0.08	2000	
Sb	121	2	He	40.714	40.714	1.64	309386	0.01	2000	
Se	78	2	He	43.552	43.552	3.31	5604	0.78	2000	
Ti	47	2	He	41.008	41.008	1.08	13118	0.31	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2132250	1.42	1905656	111.89	70	120	
In	115	1	nogas	2228147	1.40	2034779	109.50	70	120	
Li	6	1	nogas	688060	0.25	676732	101.67	70	120	
Bi	209	1	nogas	1884573	2.13	1711742	110.10	70	120	
Ge	72	2	He	900529	0.73	825316	109.11	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01MSD
Data File Name	315SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:05:31-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	44.117	44.117	1.24	149685	0.03	2000	
B	11	1	nogas	95.480	95.480	0.46	191343	0.05	2000	
Al	27	1	nogas	53.059	53.059	1.01	669358	0.01	2000	
Ti	47	1	nogas	45.725	45.725	1.55	67789	0.07	2000	
Ni	60	1	nogas	46.206	46.206	0.94	192265	0.02	2000	
Cu	63	1	nogas	46.054	46.054	0.46	439544	0.01	2000	
Zn	66	1	nogas	47.164	47.164	0.23	136757	0.03	2000	
Se	77	1	nogas	58.251	58.251	3.74	11637	0.50	2000	
Se	82	1	nogas	48.521	48.521	3.38	9289	0.52	2000	
Sr	88	1	nogas	759.775	759.775	0.53	20704732	0.00	2000	
Mo	95	1	nogas	47.473	47.473	2.87	260687	0.02	2000	
Ag	107	1	nogas	45.369	45.369	1.84	559982	0.01	2000	
Cd	111	1	nogas	44.453	44.453	3.30	121239	0.04	2000	
Sn	118	1	nogas	-0.423	-0.423	-9.21	2247	-0.02	2000	
Sb	121	1	nogas	48.209	48.209	1.52	510890	0.01	2000	
Ba	137	1	nogas	514.530	514.530	1.27	2342769	0.02	2000	
Tl	205	1	nogas	45.210	45.210	4.07	998098	0.00	2000	
Pb	208	1	nogas	44.088	44.088	4.62	1377671	0.00	2000	
U	238	1	nogas	0.144	0.144	6.73	5234	0.00	2000	
Si	28	1	nogas	196669.279	196669.279	0.38	120045262	0.16	2000	>LDR
Na	23	2	He	69607.599	69607.599	1.13	86335559	0.08	200000	
Mg	24	2	He	23610.447	23610.447	0.47	18594626	0.13	200000	
Al	27	2	He	50.926	50.926	1.06	33997	0.15	2000	
K	39	2	He	8583.186	8583.186	0.31	9947285	0.09	200000	
Ca	43	2	He	112241.136	112241.136	0.39	406298	27.63	200000	
Ca	44	2	He	108921.742	108921.742	1.55	6575411	1.66	200000	
V	51	2	He	45.154	45.154	0.92	333192	0.01	2000	
Cr	52	2	He	45.293	45.293	0.80	347663	0.01	2000	
Mn	55	2	He	7183.062	7183.062	0.67	46011571	0.02	2000	>LDR
Fe	56	2	He	14765.405	14765.405	0.49	97303035	0.02	200000	
Co	59	2	He	45.442	45.442	0.40	475283	0.01	2000	
Ni	60	2	He	45.672	45.672	1.00	120107	0.04	2000	
Cu	63	2	He	45.343	45.343	0.51	302813	0.01	2000	
Zn	66	2	He	48.133	48.133	1.51	72623	0.07	2000	
As	75	2	He	51.321	51.321	1.06	60908	0.08	2000	
Sb	121	2	He	44.952	44.952	0.14	339279	0.01	2000	
Se	78	2	He	46.821	46.821	0.92	5963	0.79	2000	
Ti	47	2	He	44.295	44.295	3.68	14075	0.31	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2139451	0.73	1905656	112.27	70	120	
In	115	1	nogas	2267304	0.87	2034779	111.43	70	120	
Li	6	1	nogas	687362	0.16	676732	101.57	70	120	
Bi	209	1	nogas	1881358	3.81	1711742	109.91	70	120	
Ge	72	2	He	894465	0.52	825316	108.38	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01PDS
Data File Name	316SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:07:36-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	89.124	89.124	0.81	300005	0.03	2000	
B	11	1	nogas	94.073	94.073	0.72	187167	0.05	2000	
Al	27	1	nogas	99.298	99.298	0.74	1189937	0.01	2000	
Ti	47	1	nogas	90.374	90.374	1.23	131609	0.07	2000	
Ni	60	1	nogas	90.697	90.697	0.68	370451	0.02	2000	
Cu	63	1	nogas	92.999	92.999	0.80	870783	0.01	2000	
Zn	66	1	nogas	91.614	91.614	0.77	258908	0.04	2000	
Se	77	1	nogas	105.099	105.099	3.12	18022	0.58	2000	
Se	82	1	nogas	93.848	93.848	1.54	17475	0.54	2000	
Sr	88	1	nogas	742.272	742.272	1.67	19975720	0.00	2000	
Mo	95	1	nogas	91.425	91.425	2.51	495699	0.02	2000	
Ag	107	1	nogas	88.629	88.629	2.73	1080211	0.01	2000	
Cd	111	1	nogas	88.724	88.724	2.96	238952	0.04	2000	
Sn	118	1	nogas	-0.395	-0.395	-3.73	2454	-0.02	2000	
Sb	121	1	nogas	95.602	95.602	0.77	995412	0.01	2000	
Ba	137	1	nogas	561.091	561.091	0.46	2523026	0.02	2000	
Tl	205	1	nogas	86.540	86.540	3.74	1929028	0.00	2000	
Pb	208	1	nogas	86.618	86.618	4.84	2732017	0.00	2000	
U	238	1	nogas	0.138	0.138	11.02	5041	0.00	2000	
Si	28	1	nogas	194719.886	194719.886	0.35	116835778	0.17	2000	>LDR
Na	23	2	He	71997.668	71997.668	0.52	89644115	0.08	200000	
Mg	24	2	He	27369.832	27369.832	1.07	21637590	0.13	200000	
Al	27	2	He	95.786	95.786	2.00	61904	0.15	2000	
K	39	2	He	12872.272	12872.272	1.19	14934207	0.09	200000	
Ca	43	2	He	112976.630	112976.630	0.52	410525	27.52	200000	
Ca	44	2	He	108352.206	108352.206	1.71	6566123	1.65	200000	
V	51	2	He	89.520	89.520	0.41	661100	0.01	2000	
Cr	52	2	He	90.065	90.065	0.35	691792	0.01	2000	
Mn	55	2	He	6991.874	6991.874	0.90	44958806	0.02	2000	>LDR
Fe	56	2	He	18864.077	18864.077	0.45	124786348	0.02	200000	
Co	59	2	He	90.047	90.047	0.45	945268	0.01	2000	
Ni	60	2	He	90.312	90.312	0.94	238122	0.04	2000	
Cu	63	2	He	89.357	89.357	0.23	598140	0.01	2000	
Zn	66	2	He	90.668	90.668	0.99	135858	0.07	2000	
As	75	2	He	96.190	96.190	1.13	114471	0.08	2000	
Sb	121	2	He	87.403	87.403	0.90	661854	0.01	2000	
Se	78	2	He	92.744	92.744	3.16	11581	0.80	2000	
Ti	47	2	He	86.997	86.997	0.66	27734	0.31	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2103020	0.43	1905656	110.36	70	120	
In	115	1	nogas	2239318	1.36	2034779	110.05	70	120	
Li	6	1	nogas	682015	0.22	676732	100.78	70	120	
Bi	209	1	nogas	1899398	3.60	1711742	110.96	70	120	
Ge	72	2	He	897900	0.44	825316	108.79	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	317_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:09:39-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	102.861	0.315	332220	0.50	100	102.9	90	110	
B	11	1	nogas	550.676	1.159	1016004	0.80	500	110.1	90	110	CCV Main CR1-2 Failed
Al	27	1	nogas	106.236	0.761	1261286	1.41	100	106.2	90	110	
P	31	1	nogas	512.150	0.545	379526	0.32	500	102.4	90	110	
Ti	47	1	nogas	103.136	1.031	149167	0.46	100	103.1	90	110	
Ni	60	1	nogas	105.364	0.288	427388	0.50	100	105.4	90	110	
Cu	63	1	nogas	108.592	0.885	1009737	1.34	100	108.6	90	110	
Zn	66	1	nogas	105.212	1.207	294991	1.07	100	105.2	90	110	
Se	77	1	nogas	107.404	2.851	18226	3.04	100	107.4	90	110	
Se	82	1	nogas	107.379	1.531	19834	2.12	100	107.4	90	110	
Sr	88	1	nogas	105.607	1.696	2814778	1.99	100	105.6	90	110	
Mo	95	1	nogas	104.957	2.188	563200	1.47	100	105.0	90	110	
Ag	107	1	nogas	109.386	2.166	1319501	1.44	100	109.4	90	110	
Cd	111	1	nogas	105.082	2.209	280108	1.51	100	105.1	90	110	
Sn	118	1	nogas	104.081	2.464	844149	1.76	100	104.1	90	110	
Sb	121	1	nogas	113.661	1.279	1175365	1.01	100	113.7	90	110	CCV Main CR1-2 Failed
Ba	137	1	nogas	104.704	1.925	466161	1.62	100	104.7	90	110	
Tl	205	1	nogas	102.465	4.369	2239221	1.38	100	102.5	90	110	
Pb	208	1	nogas	103.326	4.376	3195873	1.43	100	103.3	90	110	
U	238	1	nogas	101.196	3.295	3583457	0.55	100	101.2	90	110	
Li	7	1	nogas	106.764	1.148	1077868	0.47	100	106.8	90	110	
Si	28	1	nogas	5241.441	2.307	3687720	1.42	5000	104.8	90	110	
Ba	135	1	nogas	104.494	2.437	267825	1.71	100	104.5	90	110	
Tl	203	1	nogas	110.326	5.897	992046	2.61	100	110.3	90	110	CCV Main CR1-2 Failed
Na	23	2	He	10356.969	1.038	12718931	0.29	10000	103.6	90	110	
Mg	24	2	He	10413.229	1.305	8106121	0.85	10000	104.1	90	110	
Al	27	2	He	102.661	0.771	65141	0.72	100	102.7	90	110	
K	39	2	He	10438.299	0.305	11939220	1.14	10000	104.4	90	110	
Ca	43	2	He	10436.725	0.226	37428	1.07	10000	104.4	90	110	
Ca	44	2	He	10387.637	1.202	621309	1.91	10000	103.9	90	110	
V	51	2	He	103.741	0.303	753975	0.61	100	103.7	90	110	
Cr	52	2	He	106.493	0.321	804951	0.58	100	106.5	90	110	
Mn	55	2	He	107.357	0.511	681987	1.37	100	107.4	90	110	
Fe	56	2	He	10450.583	0.583	68071657	0.54	10000	104.5	90	110	
Co	59	2	He	105.700	0.900	1092414	0.61	100	105.7	90	110	
Ni	60	2	He	106.360	1.043	276038	0.86	100	106.4	90	110	
Cu	63	2	He	105.871	0.949	697573	1.27	100	105.9	90	110	
Zn	66	2	He	103.676	0.089	152713	0.78	100	103.7	90	110	
As	75	2	He	102.672	1.099	120281	0.74	100	102.7	90	110	
Sb	121	2	He	104.642	0.729	780087	0.70	100	104.6	90	110	
Se	78	2	He	103.473	0.892	12690	1.52	100	103.5	90	110	
Ti	47	2	He	102.653	0.652	32218	1.41	100	102.7	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2088970	0.68	1905656	109.62	70	120	
In	115	1	nogas	2216030	0.72	2034779	108.91	70	120	
Li	6	1	nogas	654392	0.76	676732	96.70	70	120	
Bi	209	1	nogas	1862325	3.44	1711742	108.80	70	120	
Ge	72	2	He	884047	0.87	825316	107.12	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	318_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:11:43-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.045	16.5	182	14.1	1	
B	11	1	nogas	23.038	9.4	52359	8.2	10	CCB Main CR1 Failed
Al	27	1	nogas	-0.998	-12.5	36135	4.3	5	
P	31	1	nogas	0.383	93.8	14719	2.3	10	
Ti	47	1	nogas	0.095	14.4	230	8.7	2.5	
Ni	60	1	nogas	-0.030	-60.5	427	17.0	2.5	
Cu	63	1	nogas	-0.029	-75.5	1397	14.5	2	
Zn	66	1	nogas	-0.293	-10.2	1533	5.3	2.5	
Se	77	1	nogas	-4.460	-8.7	2627	1.6	2.5	
Se	82	1	nogas	0.710	76.1	330	30.8	2	
Sr	88	1	nogas	0.095	7.8	4724	3.6	2.5	
Mo	95	1	nogas	0.765	10.6	4301	10.7	2.5	
Ag	107	1	nogas	0.029	19.1	433	16.2	2.5	
Cd	111	1	nogas	0.035	6.6	107	5.4	1	
Sn	118	1	nogas	-0.165	-22.0	4361	7.0	5	
Sb	121	1	nogas	0.629	10.9	7122	9.8	2.5	
Ba	137	1	nogas	0.065	20.3	620	10.1	2.5	
Tl	205	1	nogas	0.371	50.2	8463	51.9	1	
Pb	208	1	nogas	0.038	35.7	1857	25.4	2.5	
U	238	1	nogas	0.040	29.4	1543	30.2	2.5	
Si	28	1	nogas	-45.054	-23.3	557036	1.0	5	
Na	23	2	He	28.561	0.0	61506	0.6	100	
Mg	24	2	He	4.645	3.5	5284	2.4	100	
Al	27	2	He	-0.915	-53.5	1983	14.6	5	
K	39	2	He	-0.296	-435.9	79558	2.0	100	
Ca	43	2	He	16.160	167.2	153	62.7	100	
Ca	44	2	He	6.437	54.3	2000	10.1	100	
V	51	2	He	-0.032	-47.3	1782	6.1	2.5	
Cr	52	2	He	0.013	109.0	2280	5.4	2.5	
Mn	55	2	He	0.684	1.4	6601	1.4	2.5	
Fe	56	2	He	5.851	3.1	57977	1.9	100	
Co	59	2	He	0.020	40.1	367	23.2	2.5	
Ni	60	2	He	-0.006	-619.8	287	35.3	2.5	
Cu	63	2	He	-0.020	-81.0	767	14.3	2	
Zn	66	2	He	-0.553	-12.7	830	12.8	2.5	
As	75	2	He	0.167	6.2	340	2.9	2.5	
Sb	121	2	He	0.525	11.6	4254	10.3	2.5	
Se	78	2	He	0.488	30.1	334	5.8	2	
Ti	47	2	He	0.104	46.2	47	32.7	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2104602	0.54	1905656	110.44	70	120	
In	115	1	nogas	2258782	0.69	2034779	111.01	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	692746	0.13	676732	102.37	70	120	
Bi	209	1	nogas	1906010	2.16	1711742	111.35	70	120	
Ge	72	2	He	879006	0.59	825316	106.51	70	120	

Sample Report

Sample Table

Sample Name	HS21010391-01
Data File Name	321SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:18:02-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677 Pb
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.035	0.035	9.16	140	0.02	2000	
B	11	1	nogas	98.080	98.080	11.53	189319	0.05	2000	
Al	27	1	nogas	8.994	8.994	11.63	146010	0.01	2000	
Ti	47	1	nogas	2.296	2.296	17.15	3297	0.07	2000	
Ni	60	1	nogas	2.078	2.078	9.45	8716	0.02	2000	
Cu	63	1	nogas	1.169	1.169	19.32	12087	0.01	2000	
Zn	66	1	nogas	0.797	0.797	25.17	4421	0.02	2000	
Se	77	1	nogas	14.192	14.192	27.76	5061	0.28	2000	
Se	82	1	nogas	1.453	1.453	35.46	447	0.33	2000	
Sr	88	1	nogas	899.730	899.730	14.71	23545323	0.00	2000	
Mo	95	1	nogas	3.961	3.961	15.65	20989	0.02	2000	
Ag	107	1	nogas	0.004	0.004	55.17	127	0.00	2000	
Cd	111	1	nogas	0.037	0.037	39.75	107	0.03	2000	
Sn	118	1	nogas	-0.462	-0.462	-11.50	1840	-0.03	2000	
Sb	121	1	nogas	0.181	0.181	24.75	2347	0.01	2000	
Ba	137	1	nogas	631.775	631.775	14.65	2762380	0.02	2000	
Tl	205	1	nogas	0.011	0.011	28.17	320	0.00	2000	
Pb	208	1	nogas	0.287	0.287	17.44	9064	0.00	2000	
U	238	1	nogas	0.035	0.035	32.35	1237	0.00	2000	
Si	28	1	nogas	194136.892	194136.892	12.20	112222848	0.17	2000	>LDR
Na	23	2	He	82322.636	82322.636	0.81	98952572	0.08	200000	
Mg	24	2	He	23089.024	23089.024	1.39	17621911	0.13	200000	
Al	27	2	He	8.500	8.500	2.26	7585	0.11	2000	
K	39	2	He	4590.899	4590.899	0.80	5192908	0.09	200000	
Ca	43	2	He	131147.770	131147.770	1.33	460044	28.51	200000	
Ca	44	2	He	128707.666	128707.666	0.23	7530596	1.71	200000	
V	51	2	He	0.888	0.888	2.54	8293	0.01	2000	
Cr	52	2	He	0.321	0.321	16.13	4517	0.01	2000	
Mn	55	2	He	7246.705	7246.705	0.93	44986804	0.02	2000	>LDR
Fe	56	2	He	6532.859	6532.859	1.12	41732319	0.02	200000	
Co	59	2	He	0.637	0.637	2.01	6608	0.01	2000	
Ni	60	2	He	1.483	1.483	5.49	4067	0.04	2000	
Cu	63	2	He	0.541	0.541	7.37	4377	0.01	2000	
Zn	66	2	He	0.583	0.583	18.20	2440	0.02	2000	
As	75	2	He	2.812	2.812	1.10	3370	0.08	2000	
Sb	121	2	He	0.166	0.166	18.54	1573	0.01	2000	
Se	78	2	He	0.329	0.329	90.62	311	0.11	2000	
Ti	47	2	He	0.550	0.550	43.80	183	0.30	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2045529	11.79	1905656	107.34	70	120	
In	115	1	nogas	2207328	13.89	2034779	108.48	70	120	
Li	6	1	nogas	668002	10.67	676732	98.71	70	120	
Bi	209	1	nogas	1807757	16.72	1711742	105.61	70	120	
Ge	72	2	He	866902	1.25	825316	105.04	70	120	

Sample Report

Sample Table

Sample Name	HS21010391-02
Data File Name	322SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:20:07-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677 Pb
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.029	0.029	33.93	123	0.02	2000	
B	11	1	nogas	99.653	99.653	0.61	193510	0.05	2000	
Al	27	1	nogas	8.684	8.684	3.28	144662	0.01	2000	
Ti	47	1	nogas	2.434	2.434	4.00	3564	0.07	2000	
Ni	60	1	nogas	2.126	2.126	3.87	9042	0.02	2000	
Cu	63	1	nogas	1.225	1.225	6.55	12865	0.01	2000	
Zn	66	1	nogas	1.060	1.060	11.84	5214	0.02	2000	
Se	77	1	nogas	16.408	16.408	7.78	5451	0.30	2000	
Se	82	1	nogas	0.821	0.821	23.37	343	0.24	2000	
Sr	88	1	nogas	938.370	938.370	0.57	24634654	0.00	2000	
Mo	95	1	nogas	4.029	4.029	2.28	21416	0.02	2000	
Ag	107	1	nogas	0.003	0.003	62.62	120	0.00	2000	
Cd	111	1	nogas	0.024	0.024	50.87	73	0.03	2000	
Sn	118	1	nogas	-0.447	-0.447	-1.26	1980	-0.02	2000	
Sb	121	1	nogas	0.184	0.184	6.93	2437	0.01	2000	
Ba	137	1	nogas	661.788	661.788	0.91	2902486	0.02	2000	
Tl	205	1	nogas	0.007	0.007	43.64	227	0.00	2000	
Pb	208	1	nogas	0.289	0.289	2.84	9488	0.00	2000	
U	238	1	nogas	0.032	0.032	2.28	1190	0.00	2000	
Si	28	1	nogas	197720.963	197720.963	1.60	116366218	0.17	2000	>LDR
Na	23	2	He	84153.609	84153.609	1.11	100172225	0.08	200000	
Mg	24	2	He	23709.869	23709.869	0.99	17921028	0.13	200000	
Al	27	2	He	8.548	8.548	7.83	7538	0.11	2000	
K	39	2	He	4710.705	4710.705	0.32	5275043	0.09	200000	
Ca	43	2	He	135053.028	135053.028	0.80	469185	28.78	200000	
Ca	44	2	He	132000.237	132000.237	1.66	7647157	1.73	200000	
V	51	2	He	0.878	0.878	4.46	8138	0.01	2000	
Cr	52	2	He	0.254	0.254	17.24	3991	0.01	2000	
Mn	55	2	He	7477.645	7477.645	0.39	45972563	0.02	2000	>LDR
Fe	56	2	He	6725.259	6725.259	0.48	42547089	0.02	200000	
Co	59	2	He	0.585	0.585	11.50	6021	0.01	2000	
Ni	60	2	He	1.546	1.546	8.72	4187	0.04	2000	
Cu	63	2	He	0.547	0.547	8.77	4374	0.01	2000	
Zn	66	2	He	0.712	0.712	33.65	2597	0.03	2000	
As	75	2	He	2.951	2.951	4.76	3496	0.08	2000	
Sb	121	2	He	0.168	0.168	7.80	1573	0.01	2000	
Se	78	2	He	-0.010	-0.010	-1296.66	268	0.00	2000	
Ti	47	2	He	0.601	0.601	22.84	197	0.31	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2063341	2.16	1905656	108.27	70	120	
In	115	1	nogas	2184204	0.44	2034779	107.34	70	120	
Li	6	1	nogas	667132	0.56	676732	98.58	70	120	
Bi	209	1	nogas	1846013	3.84	1711742	107.84	70	120	
Ge	72	2	He	858512	1.39	825316	104.02	70	120	

Sample Report

Sample Table

Sample Name	HS21010391-03
Data File Name	323SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:22:12-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677 Pb
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.014	0.014	53.24	73	0.02	2000	
B	11	1	nogas	100.389	100.389	0.91	197083	0.05	2000	
Al	27	1	nogas	9.213	9.213	3.06	151770	0.01	2000	
Ti	47	1	nogas	1.131	1.131	12.55	1717	0.07	2000	
Ni	60	1	nogas	2.762	2.762	5.20	11674	0.02	2000	
Cu	63	1	nogas	0.533	0.533	0.82	6568	0.01	2000	
Zn	66	1	nogas	2.049	2.049	4.31	7995	0.03	2000	
Se	77	1	nogas	7.514	7.514	6.05	4257	0.18	2000	
Se	82	1	nogas	0.735	0.735	14.82	330	0.22	2000	
Sr	88	1	nogas	693.763	693.763	0.63	18285088	0.00	2000	
Mo	95	1	nogas	1.956	1.956	1.00	10497	0.02	2000	
Ag	107	1	nogas	0.000	0.000	674.51	83	0.00	2000	
Cd	111	1	nogas	0.025	0.025	77.89	77	0.03	2000	
Sn	118	1	nogas	-0.483	-0.483	-5.69	1700	-0.03	2000	
Sb	121	1	nogas	0.164	0.164	8.37	2244	0.01	2000	
Ba	137	1	nogas	519.693	519.693	2.30	2288263	0.02	2000	
Tl	205	1	nogas	0.027	0.027	3.16	673	0.00	2000	
Pb	208	1	nogas	0.148	0.148	8.69	5104	0.00	2000	
U	238	1	nogas	0.094	0.094	2.22	3350	0.00	2000	
Si	28	1	nogas	127743.550	127743.550	0.16	75943971	0.17	2000	>LDR
Na	23	2	He	34694.963	34694.963	0.75	41656448	0.08	200000	
Mg	24	2	He	17822.082	17822.082	0.89	13582442	0.13	200000	
Al	27	2	He	9.627	9.627	16.85	8249	0.12	2000	
K	39	2	He	3096.624	3096.624	0.92	3522889	0.09	200000	
Ca	43	2	He	98760.772	98760.772	0.61	345946	28.55	200000	
Ca	44	2	He	95989.582	95989.582	1.03	5607568	1.71	200000	
V	51	2	He	0.099	0.099	14.36	2685	0.00	2000	
Cr	52	2	He	-0.035	-0.035	-32.58	1887	0.00	2000	
Mn	55	2	He	4079.821	4079.821	0.81	25289009	0.02	2000	>LDR
Fe	56	2	He	3907.573	3907.573	0.85	24931835	0.02	200000	
Co	59	2	He	3.392	3.392	0.60	34469	0.01	2000	
Ni	60	2	He	2.265	2.265	0.54	6048	0.04	2000	
Cu	63	2	He	0.296	0.296	4.92	2794	0.01	2000	
Zn	66	2	He	2.006	2.006	3.92	4467	0.04	2000	
As	75	2	He	2.248	2.248	1.03	2719	0.08	2000	
Sb	121	2	He	0.148	0.148	10.69	1437	0.01	2000	
Se	78	2	He	0.044	0.044	377.03	277	0.02	2000	
Ti	47	2	He	0.150	0.150	22.07	60	0.25	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2078230	0.23	1905656	109.06	70	120	
In	115	1	nogas	2192805	0.34	2034779	107.77	70	120	
Li	6	1	nogas	674692	0.44	676732	99.70	70	120	
Bi	209	1	nogas	1827801	3.67	1711742	106.78	70	120	
Ge	72	2	He	865528	0.49	825316	104.87	70	120	

Sample Report

Sample Table

Sample Name	HS21010391-04
Data File Name	324SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:24:16-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677 Pb
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.010	0.010	87.11	58	0.02	2000	
B	11	1	nogas	85.388	85.388	0.23	165103	0.05	2000	
Al	27	1	nogas	6.885	6.885	7.50	119712	0.01	2000	
Ti	47	1	nogas	1.106	1.106	7.36	1603	0.07	2000	
Ni	60	1	nogas	0.762	0.762	5.04	3450	0.02	2000	
Cu	63	1	nogas	34.534	34.534	3.10	305900	0.01	2000	
Zn	66	1	nogas	20.371	20.371	5.61	55992	0.04	2000	
Se	77	1	nogas	10.125	10.125	16.28	4407	0.23	2000	
Se	82	1	nogas	0.931	0.931	32.01	350	0.27	2000	
Sr	88	1	nogas	720.455	720.455	2.12	19065009	0.00	2000	
Mo	95	1	nogas	3.169	3.169	1.94	17012	0.02	2000	
Ag	107	1	nogas	-0.001	-0.001	-78.84	63	0.00	2000	
Cd	111	1	nogas	0.005	0.005	47.29	23	0.02	2000	
Sn	118	1	nogas	-0.463	-0.463	-6.40	1863	-0.02	2000	
Sb	121	1	nogas	0.131	0.131	7.75	1820	0.01	2000	
Ba	137	1	nogas	458.168	458.168	2.20	2026183	0.02	2000	
Tl	205	1	nogas	0.002	0.002	77.01	137	0.00	2000	
Pb	208	1	nogas	1.235	1.235	2.21	38478	0.00	2000	
U	238	1	nogas	1.914	1.914	1.36	67228	0.00	2000	
Si	28	1	nogas	136919.577	136919.577	2.49	77638576	0.18	2000	>LDR
Na	23	2	He	38281.554	38281.554	0.92	45146599	0.08	200000	
Mg	24	2	He	18213.775	18213.775	0.22	13636371	0.13	200000	
Al	27	2	He	6.276	6.276	11.52	6134	0.10	2000	
K	39	2	He	3259.801	3259.801	1.37	3638914	0.09	200000	
Ca	43	2	He	109453.631	109453.631	0.55	376635	29.06	200000	
Ca	44	2	He	107120.478	107120.478	1.04	6147184	1.74	200000	
V	51	2	He	0.070	0.070	3.74	2431	0.00	2000	
Cr	52	2	He	-0.076	-0.076	-22.57	1557	0.00	2000	
Mn	55	2	He	3390.516	3390.516	1.30	20645272	0.02	2000	>LDR
Fe	56	2	He	3747.528	3747.528	0.65	23489783	0.02	200000	
Co	59	2	He	0.208	0.208	12.17	2224	0.01	2000	
Ni	60	2	He	0.173	0.173	14.35	723	0.02	2000	
Cu	63	2	He	32.790	32.790	1.83	208374	0.02	2000	
Zn	66	2	He	20.116	20.116	1.33	29771	0.07	2000	
As	75	2	He	1.208	1.208	3.49	1500	0.08	2000	
Sb	121	2	He	0.100	0.100	29.08	1067	0.01	2000	
Se	78	2	He	-0.091	-0.091	-384.96	256	-0.04	2000	
Ti	47	2	He	0.176	0.176	55.11	67	0.26	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1984060	2.54	1905656	104.11	70	120	
In	115	1	nogas	2202061	1.50	2034779	108.22	70	120	
Li	6	1	nogas	660097	0.56	676732	97.54	70	120	
Bi	209	1	nogas	1844204	1.16	1711742	107.74	70	120	
Ge	72	2	He	850270	0.83	825316	103.02	70	120	

Sample Report

Sample Table

Sample Name	HS21010391-05
Data File Name	325SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:26:22-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677 Pb
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.066	0.066	7.58	240	0.03	2000	
B	11	1	nogas	104.155	104.155	1.89	200089	0.05	2000	
Al	27	1	nogas	9.934	9.934	5.32	157032	0.01	2000	
Ti	47	1	nogas	1.476	1.476	0.82	2173	0.07	2000	
Ni	60	1	nogas	0.857	0.857	1.06	3924	0.02	2000	
Cu	63	1	nogas	0.784	0.784	4.39	8719	0.01	2000	
Zn	66	1	nogas	6.460	6.460	1.18	19838	0.03	2000	
Se	77	1	nogas	14.282	14.282	20.99	5101	0.28	2000	
Se	82	1	nogas	1.701	1.701	30.41	497	0.34	2000	
Sr	88	1	nogas	981.153	981.153	2.07	25690724	0.00	2000	
Mo	95	1	nogas	0.362	0.362	4.44	2017	0.02	2000	
Ag	107	1	nogas	0.005	0.005	55.11	137	0.00	2000	
Cd	111	1	nogas	0.012	0.012	62.65	43	0.03	2000	
Sn	118	1	nogas	-0.442	-0.442	-3.04	2013	-0.02	2000	
Sb	121	1	nogas	0.134	0.134	6.75	1903	0.01	2000	
Ba	137	1	nogas	604.836	604.836	2.76	2645631	0.02	2000	
Tl	205	1	nogas	0.004	0.004	29.77	160	0.00	2000	
Pb	208	1	nogas	0.330	0.330	5.41	10602	0.00	2000	
U	238	1	nogas	0.043	0.043	10.12	1547	0.00	2000	
Si	28	1	nogas	170886.366	170886.366	0.87	99562415	0.17	2000	>LDR
Na	23	2	He	40545.979	40545.979	1.06	47328353	0.09	200000	
Mg	24	2	He	25527.199	25527.199	1.51	18914522	0.13	200000	
Al	27	2	He	10.061	10.061	6.75	8269	0.12	2000	
K	39	2	He	3740.447	3740.447	0.35	4122018	0.09	200000	
Ca	43	2	He	145702.856	145702.856	0.91	496214	29.36	200000	
Ca	44	2	He	142812.585	142812.585	0.63	8111817	1.76	200000	
V	51	2	He	0.384	0.384	4.64	4574	0.01	2000	
Cr	52	2	He	0.029	0.029	81.22	2294	0.00	2000	
Mn	55	2	He	5590.285	5590.285	0.37	33694754	0.02	2000	>LDR
Fe	56	2	He	7589.568	7589.568	0.87	47067413	0.02	200000	
Co	59	2	He	0.150	0.150	7.47	1623	0.01	2000	
Ni	60	2	He	0.233	0.233	17.26	867	0.03	2000	
Cu	63	2	He	0.523	0.523	13.31	4137	0.01	2000	
Zn	66	2	He	6.386	6.386	3.92	10423	0.06	2000	
As	75	2	He	0.515	0.515	7.50	712	0.07	2000	
Sb	121	2	He	0.113	0.113	14.88	1150	0.01	2000	
Se	78	2	He	-0.213	-0.213	-162.83	240	-0.09	2000	
Ti	47	2	He	0.357	0.357	18.28	120	0.30	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2040734	0.99	1905656	107.09	70	120	
In	115	1	nogas	2179205	2.30	2034779	107.10	70	120	
Li	6	1	nogas	661184	0.95	676732	97.70	70	120	
Bi	209	1	nogas	1822803	2.11	1711742	106.49	70	120	
Ge	72	2	He	841644	1.43	825316	101.98	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	326_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:28:27-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	101.653	0.737	317701	0.41	100	101.7	90	110	
B	11	1	nogas	542.739	1.179	969188	1.89	500	108.5	90	110	
Al	27	1	nogas	105.418	2.651	1199101	1.06	100	105.4	90	110	
P	31	1	nogas	507.595	1.560	360455	0.31	500	101.5	90	110	
Ti	47	1	nogas	102.715	3.305	142287	1.74	100	102.7	90	110	
Ni	60	1	nogas	103.839	3.051	403421	1.32	100	103.8	90	110	
Cu	63	1	nogas	107.848	3.179	960433	1.39	100	107.8	90	110	
Zn	66	1	nogas	103.988	1.497	279327	0.44	100	104.0	90	110	
Se	77	1	nogas	106.209	3.416	17295	1.19	100	106.2	90	110	
Se	82	1	nogas	104.303	3.244	18456	1.45	100	104.3	90	110	
Sr	88	1	nogas	102.649	1.928	2689850	1.42	100	102.6	90	110	
Mo	95	1	nogas	100.758	1.486	531624	0.81	100	100.8	90	110	
Ag	107	1	nogas	106.573	2.371	1264031	1.91	100	106.6	90	110	
Cd	111	1	nogas	102.883	2.487	269633	1.44	100	102.9	90	110	
Sn	118	1	nogas	101.722	2.252	811314	1.55	100	101.7	90	110	
Sb	121	1	nogas	112.064	3.310	1109906	1.54	100	112.1	90	110	CCV Main CR1-2 Failed
Ba	137	1	nogas	102.653	3.005	449332	2.37	100	102.7	90	110	
Tl	205	1	nogas	103.888	3.802	2220444	0.55	100	103.9	90	110	
Pb	208	1	nogas	102.363	4.523	3096108	1.56	100	102.4	90	110	
U	238	1	nogas	102.012	3.257	3532659	0.85	100	102.0	90	110	
Li	7	1	nogas	105.470	0.377	1030968	0.65	100	105.5	90	110	
Si	28	1	nogas	5215.220	1.927	3518022	1.08	5000	104.3	90	110	
Ba	135	1	nogas	101.957	1.573	256956	1.04	100	102.0	90	110	
Tl	203	1	nogas	109.375	5.298	961944	2.22	100	109.4	90	110	
Na	23	2	He	10322.209	1.248	12094206	1.02	10000	103.2	90	110	
Mg	24	2	He	10328.264	0.706	7671083	1.09	10000	103.3	90	110	
Al	27	2	He	102.687	1.820	62169	2.27	100	102.7	90	110	
K	39	2	He	10287.852	0.834	11227688	1.38	10000	102.9	90	110	
Ca	43	2	He	10226.241	2.355	34986	1.88	10000	102.3	90	110	
Ca	44	2	He	10379.732	0.718	592264	0.28	10000	103.8	90	110	
V	51	2	He	103.267	0.680	716049	0.35	100	103.3	90	110	
Cr	52	2	He	105.942	0.891	763995	0.62	100	105.9	90	110	
Mn	55	2	He	107.018	0.428	648581	0.73	100	107.0	90	110	
Fe	56	2	He	10398.018	1.066	64616454	0.60	10000	104.0	90	110	
Co	59	2	He	104.982	0.670	1035155	0.33	100	105.0	90	110	
Ni	60	2	He	105.690	1.292	261695	0.79	100	105.7	90	110	
Cu	63	2	He	104.857	0.993	659141	0.81	100	104.9	90	110	
Zn	66	2	He	102.560	0.901	144146	1.23	100	102.6	90	110	
As	75	2	He	102.310	0.912	114354	0.91	100	102.3	90	110	
Sb	121	2	He	104.528	1.340	743443	1.34	100	104.5	90	110	
Se	78	2	He	104.264	0.398	12197	0.47	100	104.3	90	110	
Ti	47	2	He	104.279	3.735	31220	3.24	100	104.3	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2001438	1.77	1905656	105.03	70	120	
In	115	1	nogas	2178915	1.16	2034779	107.08	70	120	
Li	6	1	nogas	633239	0.73	676732	93.57	70	120	
Bi	209	1	nogas	1821150	3.30	1711742	106.39	70	120	
Ge	72	2	He	843424	0.59	825316	102.19	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	327_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:30:32-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.043	22.5	170	19.3	1	
B	11	1	nogas	22.452	8.9	49698	7.7	10	CCB Main CR1 Failed
Al	27	1	nogas	-1.193	-7.8	32705	3.5	5	
P	31	1	nogas	0.327	15.4	14165	0.9	10	
Ti	47	1	nogas	0.053	55.9	163	24.7	2.5	
Ni	60	1	nogas	0.003	523.4	543	13.6	2.5	
Cu	63	1	nogas	-0.023	-119.6	1400	16.6	2	
Zn	66	1	nogas	-0.284	-7.5	1503	3.8	2.5	
Se	77	1	nogas	-3.642	-27.5	2647	5.9	2.5	
Se	82	1	nogas	0.660	85.5	310	33.7	2	
Sr	88	1	nogas	0.160	9.9	6371	6.5	2.5	
Mo	95	1	nogas	0.458	16.9	2580	15.8	2.5	
Ag	107	1	nogas	0.024	24.1	367	19.2	2.5	
Cd	111	1	nogas	0.026	14.4	80	12.5	1	
Sn	118	1	nogas	-0.101	-64.8	4811	10.6	5	
Sb	121	1	nogas	0.412	9.8	4684	7.8	2.5	
Ba	137	1	nogas	0.167	21.4	1067	15.0	2.5	
Tl	205	1	nogas	0.391	48.3	8823	49.3	1	
Pb	208	1	nogas	0.036	17.7	1770	12.7	2.5	
U	238	1	nogas	0.050	21.8	1867	22.6	2.5	
Si	28	1	nogas	-40.566	-33.8	540119	0.4	5	
Na	23	2	He	35.968	5.0	68536	3.7	100	
Mg	24	2	He	6.298	9.5	6378	7.2	100	
Al	27	2	He	-1.291	-25.2	1707	11.6	5	
K	39	2	He	-2.304	-26.3	75090	0.5	100	
Ca	43	2	He	24.137	42.4	177	19.9	100	
Ca	44	2	He	11.520	20.0	2237	6.3	100	
V	51	2	He	-0.056	-19.9	1563	5.4	2.5	
Cr	52	2	He	0.017	152.9	2244	9.2	2.5	
Mn	55	2	He	0.972	9.0	8179	6.4	2.5	
Fe	56	2	He	6.019	2.9	57389	2.3	100	
Co	59	2	He	0.037	11.6	520	8.8	2.5	
Ni	60	2	He	-0.016	-206.5	253	32.2	2.5	
Cu	63	2	He	-0.019	-105.6	753	16.4	2	
Zn	66	2	He	-0.531	-16.2	837	15.1	2.5	
As	75	2	He	0.141	41.4	300	21.5	2.5	
Sb	121	2	He	0.285	8.2	2404	6.9	2.5	
Se	78	2	He	0.271	61.2	299	7.0	2	
Ti	47	2	He	0.065	76.6	33	45.8	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2031086	1.10	1905656	106.58	70	120	
In	115	1	nogas	2224608	0.39	2034779	109.33	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	672135	0.40	676732	99.32	70	120	
Bi	209	1	nogas	1893833	1.51	1711742	110.64	70	120	
Ge	72	2	He	854030	0.64	825316	103.48	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	333_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:43:13-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	100.677	0.187	304945	0.12	100	100.7	90	110	
B	11	1	nogas	538.114	1.223	931269	1.16	500	107.6	90	110	
Al	27	1	nogas	104.866	0.201	1146120	1.21	100	104.9	90	110	
P	31	1	nogas	507.871	0.934	346401	0.97	500	101.6	90	110	
Ti	47	1	nogas	101.516	0.807	135105	1.43	100	101.5	90	110	
Ni	60	1	nogas	103.785	1.391	387342	0.85	100	103.8	90	110	
Cu	63	1	nogas	107.544	0.664	920101	1.02	100	107.5	90	110	
Zn	66	1	nogas	103.660	1.832	267449	1.65	100	103.7	90	110	
Se	77	1	nogas	108.126	2.585	16865	3.42	100	108.1	90	110	
Se	82	1	nogas	101.522	4.301	17262	3.99	100	101.5	90	110	
Sr	88	1	nogas	101.908	2.059	2562147	1.15	100	101.9	90	110	
Mo	95	1	nogas	100.745	1.784	509997	0.48	100	100.7	90	110	
Ag	107	1	nogas	106.284	1.080	1209609	1.14	100	106.3	90	110	
Cd	111	1	nogas	102.559	1.380	257985	2.87	100	102.6	90	110	
Sn	118	1	nogas	101.705	0.845	778436	1.71	100	101.7	90	110	
Sb	121	1	nogas	112.398	0.764	1069532	1.51	100	112.4	90	110	CCV Main CR1-2 Failed
Ba	137	1	nogas	102.752	1.300	431581	0.99	100	102.8	90	110	
Tl	205	1	nogas	100.684	2.241	2130701	0.99	100	100.7	90	110	
Pb	208	1	nogas	100.048	1.640	2996776	0.59	100	100.0	90	110	
U	238	1	nogas	100.377	1.163	3441547	0.51	100	100.4	90	110	
Li	7	1	nogas	104.581	0.429	991095	0.34	100	104.6	90	110	
Si	28	1	nogas	5114.859	2.615	3323795	0.91	5000	102.3	90	110	
Ba	135	1	nogas	101.523	1.077	245506	1.02	100	101.5	90	110	
Tl	203	1	nogas	106.982	3.079	931813	1.84	100	107.0	90	110	
Na	23	2	He	10285.390	1.634	11657975	1.08	10000	102.9	90	110	
Mg	24	2	He	10311.422	1.158	7408641	0.89	10000	103.1	90	110	
Al	27	2	He	102.868	1.580	60242	1.82	100	102.9	90	110	
K	39	2	He	10225.612	0.146	10796146	0.60	10000	102.3	90	110	
Ca	43	2	He	10215.570	2.938	33814	3.09	10000	102.2	90	110	
Ca	44	2	He	10276.213	0.596	567279	0.96	10000	102.8	90	110	
V	51	2	He	102.521	0.811	687710	0.13	100	102.5	90	110	
Cr	52	2	He	104.260	0.621	727433	1.29	100	104.3	90	110	
Mn	55	2	He	104.008	0.609	609871	1.27	100	104.0	90	110	
Fe	56	2	He	10354.508	0.339	62250944	0.62	10000	103.5	90	110	
Co	59	2	He	104.532	0.433	997145	0.84	100	104.5	90	110	
Ni	60	2	He	105.702	0.834	253215	1.50	100	105.7	90	110	
Cu	63	2	He	105.320	0.611	640473	0.48	100	105.3	90	110	
Zn	66	2	He	103.187	0.498	140288	0.55	100	103.2	90	110	
As	75	2	He	101.530	0.410	109787	0.91	100	101.5	90	110	
Sb	121	2	He	103.109	0.791	709483	1.41	100	103.1	90	110	
Se	78	2	He	102.124	0.522	11562	0.73	100	102.1	90	110	
Ti	47	2	He	101.488	1.921	29400	2.53	100	101.5	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1922159	1.30	1905656	100.87	70	120	
In	115	1	nogas	2090755	1.74	2034779	102.75	70	120	
Li	6	1	nogas	613693	0.07	676732	90.68	70	120	
Bi	209	1	nogas	1801994	1.27	1711742	105.27	70	120	
Ge	72	2	He	815936	0.68	825316	98.86	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	334_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:45:19-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.038	41.3	148	33.8	1	
B	11	1	nogas	20.222	10.6	44622	8.6	10	CCB Main CR1 Failed
Al	27	1	nogas	-1.287	-3.2	30939	0.4	5	
P	31	1	nogas	1.912	64.4	14916	5.9	10	
Ti	47	1	nogas	0.056	79.0	163	35.9	2.5	
Ni	60	1	nogas	-0.023	-96.9	430	20.7	2.5	
Cu	63	1	nogas	-0.035	-22.4	1257	4.4	2	
Zn	66	1	nogas	-0.254	-21.3	1550	10.4	2.5	
Se	77	1	nogas	-2.776	-30.8	2700	3.8	2.5	
Se	82	1	nogas	0.437	63.9	263	17.9	2	
Sr	88	1	nogas	0.086	14.3	4387	7.9	2.5	
Mo	95	1	nogas	0.476	16.2	2660	14.8	2.5	
Ag	107	1	nogas	0.020	24.8	327	19.7	2.5	
Cd	111	1	nogas	0.027	22.0	83	18.3	1	
Sn	118	1	nogas	-0.198	-18.5	4004	6.9	5	
Sb	121	1	nogas	0.367	9.0	4141	6.6	2.5	
Ba	137	1	nogas	0.100	8.9	763	6.1	2.5	
Tl	205	1	nogas	0.335	50.8	7492	50.5	1	
Pb	208	1	nogas	0.031	17.3	1600	11.3	2.5	
U	238	1	nogas	0.041	21.8	1537	21.2	2.5	
Si	28	1	nogas	-87.479	-15.9	501317	0.6	5	
Na	23	2	He	22.923	1.3	51530	0.4	100	
Mg	24	2	He	3.337	9.7	4030	6.3	100	
Al	27	2	He	-1.157	-20.0	1733	8.1	5	
K	39	2	He	-2.230	-29.5	72975	1.1	100	
Ca	43	2	He	0.851	1594.1	93	48.3	100	
Ca	44	2	He	7.123	102.3	1923	20.5	100	
V	51	2	He	-0.032	-31.0	1680	4.1	2.5	
Cr	52	2	He	0.000	1770.5	2057	0.7	2.5	
Mn	55	2	He	0.559	5.8	5484	4.0	2.5	
Fe	56	2	He	3.562	3.4	40705	1.3	100	
Co	59	2	He	0.026	33.7	397	21.7	2.5	
Ni	60	2	He	-0.035	-106.0	200	44.4	2.5	
Cu	63	2	He	-0.016	-106.9	750	14.7	2	
Zn	66	2	He	-0.579	-9.6	747	9.5	2.5	
As	75	2	He	0.146	22.0	298	11.2	2.5	
Sb	121	2	He	0.260	5.0	2157	3.5	2.5	
Se	78	2	He	0.326	160.7	297	19.7	2	
Ti	47	2	He	0.000	35337.2	13	86.6	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1984572	1.20	1905656	104.14	70	120	
In	115	1	nogas	2213227	0.97	2034779	108.77	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	659239	0.28	676732	97.41	70	120	
Bi	209	1	nogas	1877211	0.98	1711742	109.67	70	120	
Ge	72	2	He	829059	0.70	825316	100.45	70	120	

Sample Report

Sample Table

Sample Name	MBLK-161680
Data File Name	335SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:47:29-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.017	0.017	35.83	83	0.02	2000	
B	11	1	nogas	14.758	14.758	2.99	35149	0.04	2000	
Al	27	1	nogas	16.685	16.685	3.12	228688	0.01	2000	
Ti	47	1	nogas	0.122	0.122	31.63	257	0.05	2000	
Ni	60	1	nogas	0.106	0.106	29.80	937	0.01	2000	
Cu	63	1	nogas	0.258	0.258	9.35	3894	0.01	2000	
Zn	66	1	nogas	598.199	598.199	0.68	1602401	0.04	2000	
Se	77	1	nogas	-6.393	-6.393	-10.73	2247	-0.28	2000	
Se	82	1	nogas	0.269	0.269	74.18	237	0.11	2000	
Sr	88	1	nogas	0.270	0.270	5.00	9316	0.00	2000	
Mo	95	1	nogas	0.155	0.155	26.75	950	0.02	2000	
Ag	107	1	nogas	0.010	0.010	37.16	197	0.00	2000	
Cd	111	1	nogas	0.010	0.010	59.33	37	0.03	2000	
Sn	118	1	nogas	-0.358	-0.358	-4.02	2737	-0.01	2000	
Sb	121	1	nogas	0.111	0.111	5.38	1647	0.01	2000	
Ba	137	1	nogas	0.332	0.332	4.07	1803	0.02	2000	
Tl	205	1	nogas	0.025	0.025	4.19	643	0.00	2000	
Pb	208	1	nogas	0.030	0.030	13.11	1600	0.00	2000	
U	238	1	nogas	0.011	0.011	33.38	473	0.00	2000	
Si	28	1	nogas	440.509	440.509	7.64	808228	0.05	2000	
Na	23	2	He	64.493	64.493	0.72	100111	0.06	200000	
Mg	24	2	He	31.796	31.796	3.20	25000	0.13	200000	
Al	27	2	He	17.223	17.223	1.91	12341	0.14	2000	
K	39	2	He	15.388	15.388	8.55	92483	0.02	200000	
Ca	43	2	He	35.063	35.063	32.70	210	16.70	200000	
Ca	44	2	He	38.453	38.453	7.79	3707	1.04	200000	
V	51	2	He	-0.057	-0.057	-16.24	1522	0.00	2000	
Cr	52	2	He	0.240	0.240	2.44	3784	0.01	2000	
Mn	55	2	He	0.758	0.758	3.19	6721	0.01	2000	
Fe	56	2	He	13.713	13.713	0.37	103528	0.01	200000	
Co	59	2	He	0.015	0.015	21.48	297	0.01	2000	
Ni	60	2	He	0.165	0.165	26.23	693	0.02	2000	
Cu	63	2	He	0.284	0.284	9.72	2624	0.01	2000	
Zn	66	2	He	648.494	648.494	0.30	894899	0.07	2000	
As	75	2	He	0.082	0.082	51.47	229	0.04	2000	
Sb	121	2	He	0.115	0.115	15.41	1157	0.01	2000	
Se	78	2	He	0.286	0.286	102.71	295	0.10	2000	
Ti	47	2	He	0.146	0.146	35.67	57	0.26	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2008642	2.43	1905656	105.40	70	120	
In	115	1	nogas	2224368	1.51	2034779	109.32	70	120	
Li	6	1	nogas	670881	0.72	676732	99.14	70	120	

Sample Report

Bi	209	1	nogas	1884322	4.09	1711742	110.08	70	120	
Ge	72	2	He	835764	0.59	825316	101.27	70	120	

Sample Report

Sample Table

Sample Name	MBLKF1-161680
Data File Name	336SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:49:38-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.003	0.003	114.60	35	0.01	2000	
B	11	1	nogas	9.660	9.660	6.29	25574	0.04	2000	
Al	27	1	nogas	6.571	6.571	9.62	115693	0.01	2000	
Ti	47	1	nogas	0.035	0.035	53.44	133	0.03	2000	
Ni	60	1	nogas	-0.054	-0.054	-31.33	310	-0.02	2000	
Cu	63	1	nogas	1.633	1.633	6.61	15894	0.01	2000	
Zn	66	1	nogas	4.004	4.004	2.05	12761	0.03	2000	
Se	77	1	nogas	-4.841	-4.841	-25.83	2424	-0.20	2000	
Se	82	1	nogas	0.343	0.343	37.49	247	0.14	2000	
Sr	88	1	nogas	0.015	0.015	23.29	2414	0.00	2000	
Mo	95	1	nogas	0.070	0.070	19.83	470	0.01	2000	
Ag	107	1	nogas	-0.003	-0.003	-2.80	40	-0.01	2000	
Cd	111	1	nogas	-0.004	-0.004	0.00	0	#DIV/0!	2000	
Sn	118	1	nogas	-0.367	-0.367	-9.92	2550	-0.01	2000	
Sb	121	1	nogas	0.044	0.044	15.16	970	0.00	2000	
Ba	137	1	nogas	0.100	0.100	9.55	740	0.01	2000	
Tl	205	1	nogas	0.004	0.004	27.05	177	0.00	2000	
Pb	208	1	nogas	0.084	0.084	9.98	3300	0.00	2000	
U	238	1	nogas	0.001	0.001	90.28	100	0.00	2000	
Si	28	1	nogas	383.164	383.164	17.98	763115	0.05	2000	
Na	23	2	He	24.991	24.991	4.39	56400	0.04	200000	
Mg	24	2	He	15.658	15.658	3.37	13625	0.11	200000	
Al	27	2	He	6.156	6.156	3.85	6188	0.10	2000	
K	39	2	He	-4.656	-4.656	-13.19	73647	-0.01	200000	
Ca	43	2	He	-5.150	-5.150	-84.66	77	-6.72	200000	
Ca	44	2	He	-0.921	-0.921	-81.40	1543	-0.06	200000	
V	51	2	He	-0.083	-0.083	-12.15	1393	-0.01	2000	
Cr	52	2	He	-0.120	-0.120	-18.43	1260	-0.01	2000	
Mn	55	2	He	0.155	0.155	13.93	3227	0.00	2000	
Fe	56	2	He	1.153	1.153	24.34	27197	0.00	200000	
Co	59	2	He	0.001	0.001	652.67	167	0.00	2000	
Ni	60	2	He	-0.057	-0.057	-46.29	153	-0.04	2000	
Cu	63	2	He	1.576	1.576	5.37	11060	0.01	2000	
Zn	66	2	He	3.448	3.448	1.34	6538	0.05	2000	
As	75	2	He	-0.027	-0.027	-71.36	112	-0.02	2000	
Sb	121	2	He	0.056	0.056	40.40	770	0.01	2000	
Se	78	2	He	-0.159	-0.159	-197.65	253	-0.06	2000	
Ti	47	2	He	0.074	0.074	25.51	37	0.20	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1978932	4.81	1905656	103.85	70	120	
In	115	1	nogas	2138933	2.59	2034779	105.12	70	120	
Li	6	1	nogas	671503	3.91	676732	99.23	70	120	

Sample Report

Bi	209	1	nogas	1895332	1.64	1711742	110.73	70	120	
Ge	72	2	He	867419	0.27	825316	105.10	70	120	

Sample Report

Sample Table

Sample Name	LCS-161680
Data File Name	337SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:51:49-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	43.641	43.641	0.54	148178	0.03	2000	
B	11	1	nogas	9.961	9.961	1.35	26805	0.04	2000	
Al	27	1	nogas	55.004	55.004	0.89	663268	0.01	2000	
Ti	47	1	nogas	43.351	43.351	1.68	61592	0.07	2000	
Ni	60	1	nogas	46.161	46.161	1.69	184066	0.03	2000	
Cu	63	1	nogas	48.205	48.205	1.12	440800	0.01	2000	
Zn	66	1	nogas	52.740	52.740	1.23	146274	0.04	2000	
Se	77	1	nogas	41.011	41.011	2.89	8789	0.47	2000	
Se	82	1	nogas	47.021	47.021	4.52	8632	0.54	2000	
Sr	88	1	nogas	0.072	0.072	5.78	4037	0.00	2000	
Mo	95	1	nogas	42.111	42.111	2.57	227013	0.02	2000	
Ag	107	1	nogas	47.503	47.503	1.93	575586	0.01	2000	
Cd	111	1	nogas	45.317	45.317	2.29	121326	0.04	2000	
Sn	118	1	nogas	-0.521	-0.521	-3.96	1420	-0.04	2000	
Sb	121	1	nogas	48.744	48.744	1.67	495025	0.01	2000	
Ba	137	1	nogas	44.214	44.214	2.49	197894	0.02	2000	
Tl	205	1	nogas	44.663	44.663	3.68	1001545	0.00	2000	
Pb	208	1	nogas	44.224	44.224	3.11	1403982	0.00	2000	
U	238	1	nogas	0.002	0.002	101.23	160	0.00	2000	
Si	28	1	nogas	341.111	341.111	2.77	767405	0.04	2000	
Na	23	2	He	4687.590	4687.590	0.50	5658598	0.08	200000	
Mg	24	2	He	4747.546	4747.546	1.43	3624316	0.13	200000	
Al	27	2	He	52.714	52.714	1.11	34014	0.15	2000	
K	39	2	He	4643.393	4643.393	0.67	5250672	0.09	200000	
Ca	43	2	He	4434.429	4434.429	2.30	15647	28.34	200000	
Ca	44	2	He	4477.886	4477.886	0.23	263489	1.70	200000	
V	51	2	He	44.543	44.543	0.78	318522	0.01	2000	
Cr	52	2	He	45.922	45.922	1.71	341535	0.01	2000	
Mn	55	2	He	45.992	45.992	0.31	287736	0.02	2000	
Fe	56	2	He	4584.267	4584.267	0.62	29287345	0.02	200000	
Co	59	2	He	46.353	46.353	0.98	469777	0.01	2000	
Ni	60	2	He	46.180	46.180	0.72	117676	0.04	2000	
Cu	63	2	He	47.033	47.033	0.53	304318	0.02	2000	
Zn	66	2	He	53.170	53.170	1.48	77573	0.07	2000	
As	75	2	He	45.505	45.505	0.36	52348	0.09	2000	
Sb	121	2	He	45.695	45.695	0.64	334181	0.01	2000	
Se	78	2	He	47.880	47.880	0.76	5903	0.81	2000	
Ti	47	2	He	43.838	43.838	4.28	13495	0.32	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2050220	0.38	1905656	107.59	70	120	
In	115	1	nogas	2225868	1.37	2034779	109.39	70	120	
Li	6	1	nogas	687854	0.53	676732	101.64	70	120	

Sample Report

Bi	209	1	nogas	1909989	2.20	1711742	111.58	70	120	
Ge	72	2	He	866748	0.64	825316	105.02	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01SD
Data File Name	339SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:56:06-06:00
Sample Type	Sample
Dilution	5
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.010	0.052	102.15	60	0.02	2000	
B	11	1	nogas	29.333	146.666	2.68	61835	0.05	2000	
Al	27	1	nogas	1.619	8.097	5.63	63757	0.00	2000	
Ti	47	1	nogas	0.491	2.455	6.98	777	0.06	2000	
Ni	60	1	nogas	0.247	1.233	6.42	1497	0.02	2000	
Cu	63	1	nogas	1.510	7.551	3.28	15193	0.01	2000	
Zn	66	1	nogas	0.943	4.717	6.07	4807	0.02	2000	
Se	77	1	nogas	-2.309	-11.544	-104.68	2817	-0.08	2000	
Se	82	1	nogas	0.482	2.408	95.18	277	0.17	2000	
Sr	88	1	nogas	155.574	777.871	2.43	4118099	0.00	2000	
Mo	95	1	nogas	0.851	4.253	3.81	4647	0.02	2000	
Ag	107	1	nogas	-0.001	-0.005	-266.32	67	0.00	2000	
Cd	111	1	nogas	0.002	0.011	362.75	17	0.01	2000	
Sn	118	1	nogas	-0.475	-2.377	-3.40	1767	-0.03	2000	
Sb	121	1	nogas	0.152	0.761	12.48	2070	0.01	2000	
Ba	137	1	nogas	104.599	522.997	1.09	462715	0.02	2000	
Tl	205	1	nogas	0.017	0.084	24.87	457	0.00	2000	
Pb	208	1	nogas	0.069	0.347	7.09	2783	0.00	2000	
U	238	1	nogas	0.026	0.128	10.74	977	0.00	2000	
Si	28	1	nogas	40051.999	200259.994	1.08	23584959	0.17	2000	>LDR
Na	23	2	He	13556.047	67780.236	2.06	15976030	0.08	200000	
Mg	24	2	He	4030.184	20150.919	2.27	3013460	0.13	200000	
Al	27	2	He	1.330	6.650	57.90	3227	0.04	2000	
K	39	2	He	879.913	4399.563	1.22	1036969	0.08	200000	
Ca	43	2	He	21686.949	108434.745	2.64	74564	29.08	200000	
Ca	44	2	He	22335.901	111679.504	1.20	1280863	1.74	200000	
V	51	2	He	-0.013	-0.067	-76.80	1848	0.00	2000	
Cr	52	2	He	-0.006	-0.031	-303.93	2060	0.00	2000	
Mn	55	2	He	1503.170	7515.851	0.82	9140020	0.02	2000	
Fe	56	2	He	2171.090	10855.449	0.30	13594952	0.02	200000	
Co	59	2	He	0.060	0.300	11.69	747	0.01	2000	
Ni	60	2	He	0.165	0.825	20.65	703	0.02	2000	
Cu	63	2	He	1.376	6.880	3.31	9563	0.01	2000	
Zn	66	2	He	0.704	3.521	25.57	2560	0.03	2000	
As	75	2	He	1.018	5.089	5.76	1284	0.08	2000	
Sb	121	2	He	0.128	0.639	23.96	1263	0.01	2000	
Se	78	2	He	-0.020	-0.098	-938.33	264	-0.01	2000	
Ti	47	2	He	0.142	0.711	69.43	57	0.25	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2024968	0.90	1905656	106.26	70	120	
In	115	1	nogas	2201926	1.50	2034779	108.21	70	120	
Li	6	1	nogas	663430	0.36	676732	98.03	70	120	

Sample Report

Bi	209	1	nogas	1861724	3.09	1711742	108.76	70	120	
Ge	72	2	He	848897	1.19	825316	102.86	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01MS
Data File Name	340SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:58:14-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	43.893	43.893	0.76	142382	0.03	2000	
B	11	1	nogas	89.921	89.921	1.82	172702	0.05	2000	
Al	27	1	nogas	54.613	54.613	0.42	656499	0.01	2000	
Ti	47	1	nogas	44.903	44.903	1.05	63565	0.07	2000	
Ni	60	1	nogas	44.961	44.961	1.34	178661	0.03	2000	
Cu	63	1	nogas	45.429	45.429	0.23	414012	0.01	2000	
Zn	66	1	nogas	45.355	45.355	0.97	125653	0.04	2000	
Se	77	1	nogas	56.511	56.511	1.99	10873	0.52	2000	
Se	82	1	nogas	46.252	46.252	5.86	8462	0.55	2000	
Sr	88	1	nogas	766.877	766.877	1.00	19913357	0.00	2000	
Mo	95	1	nogas	45.952	45.952	0.96	240484	0.02	2000	
Ag	107	1	nogas	45.190	45.190	1.22	531561	0.01	2000	
Cd	111	1	nogas	44.049	44.049	1.55	114494	0.04	2000	
Sn	118	1	nogas	-0.509	-0.509	-0.37	1470	-0.03	2000	
Sb	121	1	nogas	47.389	47.389	0.77	479553	0.01	2000	
Ba	137	1	nogas	526.576	526.576	0.55	2284436	0.02	2000	
Tl	205	1	nogas	44.912	44.912	3.93	954087	0.00	2000	
Pb	208	1	nogas	43.983	43.983	4.02	1322659	0.00	2000	
U	238	1	nogas	0.123	0.123	8.57	4284	0.00	2000	
Si	28	1	nogas	195061.464	195061.464	0.83	113684485	0.17	2000	>LDR
Na	23	2	He	69703.541	69703.541	1.29	83044049	0.08	200000	
Mg	24	2	He	23529.633	23529.633	0.01	17799629	0.13	200000	
Al	27	2	He	54.091	54.091	4.08	34528	0.16	2000	
K	39	2	He	8457.420	8457.420	0.39	9415804	0.09	200000	
Ca	43	2	He	111276.905	111276.905	0.60	386906	28.76	200000	
Ca	44	2	He	108273.175	108273.175	0.49	6278440	1.72	200000	
V	51	2	He	44.062	44.062	0.21	312353	0.01	2000	
Cr	52	2	He	44.795	44.795	0.99	330298	0.01	2000	
Mn	55	2	He	7160.975	7160.975	1.29	44060883	0.02	2000	>LDR
Fe	56	2	He	14645.672	14645.672	0.36	92705692	0.02	200000	
Co	59	2	He	44.645	44.645	0.56	448509	0.01	2000	
Ni	60	2	He	44.996	44.996	0.79	113667	0.04	2000	
Cu	63	2	He	44.496	44.496	0.70	285433	0.02	2000	
Zn	66	2	He	45.333	45.333	2.30	65794	0.07	2000	
As	75	2	He	49.907	49.907	0.75	56897	0.09	2000	
Sb	121	2	He	43.671	43.671	1.72	316609	0.01	2000	
Se	78	2	He	45.973	45.973	2.44	5629	0.82	2000	
Ti	47	2	He	44.649	44.649	3.34	13625	0.33	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2042797	0.70	1905656	107.20	70	120	
In	115	1	nogas	2160439	0.37	2034779	106.18	70	120	
Li	6	1	nogas	657183	0.69	676732	97.11	70	120	
Bi	209	1	nogas	1809789	2.82	1711742	105.73	70	120	
Ge	72	2	He	859150	0.33	825316	104.10	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01MSD
Data File Name	341SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:00:21-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	44.944	44.944	1.16	146949	0.03	2000	
B	11	1	nogas	93.053	93.053	0.88	179890	0.05	2000	
Al	27	1	nogas	60.566	60.566	1.37	730023	0.01	2000	
Ti	47	1	nogas	47.039	47.039	3.04	67214	0.07	2000	
Ni	60	1	nogas	46.182	46.182	1.63	185262	0.02	2000	
Cu	63	1	nogas	47.131	47.131	1.00	433633	0.01	2000	
Zn	66	1	nogas	48.172	48.172	1.22	134626	0.04	2000	
Se	77	1	nogas	61.064	61.064	10.56	11597	0.53	2000	
Se	82	1	nogas	46.988	46.988	8.15	8679	0.54	2000	
Sr	88	1	nogas	771.068	771.068	3.74	20440912	0.00	2000	
Mo	95	1	nogas	47.666	47.666	2.76	254727	0.02	2000	
Ag	107	1	nogas	45.773	45.773	3.42	549715	0.01	2000	
Cd	111	1	nogas	44.734	44.734	5.50	118662	0.04	2000	
Sn	118	1	nogas	-0.447	-0.447	-7.78	1997	-0.02	2000	
Sb	121	1	nogas	48.749	48.749	1.23	498093	0.01	2000	
Ba	137	1	nogas	529.563	529.563	4.28	2345134	0.02	2000	
Tl	205	1	nogas	46.263	46.263	4.23	985037	0.00	2000	
Pb	208	1	nogas	45.333	45.333	3.84	1366484	0.00	2000	
U	238	1	nogas	0.132	0.132	4.44	4614	0.00	2000	
Si	28	1	nogas	201426.693	201426.693	1.45	118513245	0.17	2000	>LDR
Na	23	2	He	72182.561	72182.561	1.14	85440142	0.08	200000	
Mg	24	2	He	24363.122	24363.122	1.54	18310406	0.13	200000	
Al	27	2	He	59.857	59.857	1.65	37701	0.16	2000	
K	39	2	He	8817.984	8817.984	1.13	9750380	0.09	200000	
Ca	43	2	He	116138.909	116138.909	1.07	401194	28.95	200000	
Ca	44	2	He	111989.843	111989.843	1.14	6451909	1.74	200000	
V	51	2	He	46.276	46.276	0.80	325833	0.01	2000	
Cr	52	2	He	46.630	46.630	0.61	341526	0.01	2000	
Mn	55	2	He	7463.815	7463.815	0.53	45627899	0.02	2000	>LDR
Fe	56	2	He	15296.000	15296.000	0.91	96195189	0.02	200000	
Co	59	2	He	46.277	46.277	1.92	461875	0.01	2000	
Ni	60	2	He	46.399	46.399	1.18	116444	0.04	2000	
Cu	63	2	He	46.210	46.210	1.47	294469	0.02	2000	
Zn	66	2	He	48.987	48.987	1.29	70518	0.07	2000	
As	75	2	He	52.240	52.240	1.12	59165	0.09	2000	
Sb	121	2	He	46.546	46.546	0.74	335260	0.01	2000	
Se	78	2	He	48.550	48.550	0.91	5892	0.82	2000	
Ti	47	2	He	46.113	46.113	3.73	13979	0.33	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2062901	1.95	1905656	108.25	70	120	
In	115	1	nogas	2207661	3.80	2034779	108.50	70	120	
Li	6	1	nogas	662440	1.37	676732	97.89	70	120	
Bi	209	1	nogas	1814114	2.97	1711742	105.98	70	120	
Ge	72	2	He	853653	1.05	825316	103.43	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01PDS
Data File Name	342SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:02:29-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	90.440	90.440	0.91	293441	0.03	2000	
B	11	1	nogas	92.358	92.358	0.63	177248	0.05	2000	
Al	27	1	nogas	99.307	99.307	1.77	1176934	0.01	2000	
Ti	47	1	nogas	89.128	89.128	2.33	128361	0.07	2000	
Ni	60	1	nogas	88.668	88.668	1.59	358196	0.02	2000	
Cu	63	1	nogas	91.776	91.776	1.58	849912	0.01	2000	
Zn	66	1	nogas	91.642	91.642	1.15	256139	0.04	2000	
Se	77	1	nogas	106.772	106.772	3.99	18056	0.59	2000	
Se	82	1	nogas	96.141	96.141	1.84	17702	0.54	2000	
Sr	88	1	nogas	767.354	767.354	0.28	19937668	0.00	2000	
Mo	95	1	nogas	92.045	92.045	1.11	481896	0.02	2000	
Ag	107	1	nogas	89.561	89.561	1.12	1053968	0.01	2000	
Cd	111	1	nogas	90.009	90.009	2.38	234071	0.04	2000	
Sn	118	1	nogas	-0.461	-0.461	-1.30	1850	-0.02	2000	
Sb	121	1	nogas	94.874	94.874	1.32	976975	0.01	2000	
Ba	137	1	nogas	565.110	565.110	1.03	2453234	0.02	2000	
Tl	205	1	nogas	88.791	88.791	2.76	1873117	0.00	2000	
Pb	208	1	nogas	89.490	89.490	4.91	2670915	0.00	2000	
U	238	1	nogas	0.121	0.121	8.53	4197	0.00	2000	
Si	28	1	nogas	194540.392	194540.392	0.25	115446828	0.17	2000	>LDR
Na	23	2	He	73370.174	73370.174	0.19	88363919	0.08	200000	
Mg	24	2	He	27949.803	27949.803	0.14	21373479	0.13	200000	
Al	27	2	He	98.567	98.567	0.56	61546	0.16	2000	
K	39	2	He	13333.908	13333.908	0.68	14960953	0.09	200000	
Ca	43	2	He	115945.284	115945.284	0.84	407528	28.45	200000	
Ca	44	2	He	111545.035	111545.035	1.25	6538735	1.71	200000	
V	51	2	He	90.738	90.738	0.26	648147	0.01	2000	
Cr	52	2	He	91.286	91.286	0.47	678197	0.01	2000	
Mn	55	2	He	7178.563	7178.563	0.94	44648988	0.02	2000	>LDR
Fe	56	2	He	19236.658	19236.658	0.65	123086038	0.02	200000	
Co	59	2	He	90.898	90.898	0.24	922977	0.01	2000	
Ni	60	2	He	89.826	89.826	1.47	229081	0.04	2000	
Cu	63	2	He	91.041	91.041	0.82	589440	0.02	2000	
Zn	66	2	He	92.902	92.902	1.39	134605	0.07	2000	
As	75	2	He	97.809	97.809	0.28	112584	0.09	2000	
Sb	121	2	He	89.141	89.141	0.02	652923	0.01	2000	
Se	78	2	He	94.803	94.803	1.27	11445	0.83	2000	
Ti	47	2	He	88.687	88.687	1.32	27347	0.32	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2079931	0.38	1905656	109.15	70	120	
In	115	1	nogas	2161723	1.10	2034779	106.24	70	120	
Li	6	1	nogas	657356	0.68	676732	97.14	70	120	
Bi	209	1	nogas	1796886	2.77	1711742	104.97	70	120	
Ge	72	2	He	868513	0.25	825316	105.23	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	343_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:04:36-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	99.352	0.624	307387	0.63	100	99.4	90	110	
B	11	1	nogas	529.225	1.086	935703	1.69	500	105.8	90	110	
Al	27	1	nogas	100.134	1.448	1163969	1.07	100	100.1	90	110	
P	31	1	nogas	490.810	2.429	355852	1.09	500	98.2	90	110	
Ti	47	1	nogas	97.969	2.034	138415	0.71	100	98.0	90	110	
Ni	60	1	nogas	100.996	1.703	400215	1.10	100	101.0	90	110	
Cu	63	1	nogas	103.745	1.780	942424	1.61	100	103.7	90	110	
Zn	66	1	nogas	99.923	2.126	273821	2.26	100	99.9	90	110	
Se	77	1	nogas	99.762	5.261	16755	2.64	100	99.8	90	110	
Se	82	1	nogas	102.478	2.696	18496	1.23	100	102.5	90	110	
Sr	88	1	nogas	101.037	2.030	2631025	0.67	100	101.0	90	110	
Mo	95	1	nogas	100.460	1.700	526788	1.68	100	100.5	90	110	
Ag	107	1	nogas	104.899	2.116	1236446	1.50	100	104.9	90	110	
Cd	111	1	nogas	101.722	2.851	264959	2.60	100	101.7	90	110	
Sn	118	1	nogas	99.970	1.829	792512	1.33	100	100.0	90	110	
Sb	121	1	nogas	109.053	1.745	1101639	0.80	100	109.1	90	110	
Ba	137	1	nogas	100.638	1.647	437806	0.75	100	100.6	90	110	
Tl	205	1	nogas	101.692	3.996	2130352	1.51	100	101.7	90	110	
Pb	208	1	nogas	101.478	3.682	3008963	1.12	100	101.5	90	110	
U	238	1	nogas	101.087	3.560	3430936	1.14	100	101.1	90	110	
Li	7	1	nogas	103.399	0.531	1001427	0.81	100	103.4	90	110	
Si	28	1	nogas	5001.640	3.062	3463234	0.94	5000	100.0	90	110	
Ba	135	1	nogas	98.596	2.352	246930	1.26	100	98.6	90	110	
Tl	203	1	nogas	108.367	3.911	934447	1.39	100	108.4	90	110	
Na	23	2	He	10050.169	0.435	11751406	0.71	10000	100.5	90	110	
Mg	24	2	He	10126.149	1.036	7504782	0.95	10000	101.3	90	110	
Al	27	2	He	99.678	1.745	60289	2.17	100	99.7	90	110	
K	39	2	He	9955.782	1.054	10843907	0.53	10000	99.6	90	110	
Ca	43	2	He	10234.077	2.981	34946	3.66	10000	102.3	90	110	
Ca	44	2	He	10100.472	0.344	575157	0.53	10000	101.0	90	110	
V	51	2	He	100.463	0.165	695187	0.64	100	100.5	90	110	
Cr	52	2	He	102.853	1.030	740215	1.07	100	102.9	90	110	
Mn	55	2	He	104.034	0.386	629213	0.66	100	104.0	90	110	
Fe	56	2	He	10136.380	0.168	62860579	0.97	10000	101.4	90	110	
Co	59	2	He	103.022	0.193	1013714	0.98	100	103.0	90	110	
Ni	60	2	He	104.136	1.416	257297	0.64	100	104.1	90	110	
Cu	63	2	He	103.595	0.959	649830	0.73	100	103.6	90	110	
Zn	66	2	He	100.990	0.896	141655	0.18	100	101.0	90	110	
As	75	2	He	100.451	1.039	112042	1.19	100	100.5	90	110	
Sb	121	2	He	102.274	0.387	725868	0.44	100	102.3	90	110	
Se	78	2	He	102.386	2.119	11957	2.26	100	102.4	90	110	
Ti	47	2	He	100.094	2.815	29911	3.46	100	100.1	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2040923	1.71	1905656	107.10	70	120	
In	115	1	nogas	2165428	1.36	2034779	106.42	70	120	
Li	6	1	nogas	626881	1.08	676732	92.63	70	120	
Bi	209	1	nogas	1784736	2.61	1711742	104.26	70	120	
Ge	72	2	He	841638	0.80	825316	101.98	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	344_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:06:44-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.044	34.4	170	29.4	1	
B	11	1	nogas	18.890	11.5	42679	9.3	10	CCB Main CR1 Failed
Al	27	1	nogas	-1.381	-4.6	30308	1.8	5	
P	31	1	nogas	0.310	126.1	14009	0.8	10	
Ti	47	1	nogas	0.057	45.2	167	21.1	2.5	
Ni	60	1	nogas	-0.013	-86.8	473	9.8	2.5	
Cu	63	1	nogas	-0.022	-130.4	1390	18.4	2	
Zn	66	1	nogas	-0.253	-18.8	1570	8.3	2.5	
Se	77	1	nogas	-5.547	-6.1	2364	2.0	2.5	
Se	82	1	nogas	0.305	99.6	243	21.1	2	
Sr	88	1	nogas	0.085	8.7	4307	4.8	2.5	
Mo	95	1	nogas	0.595	11.5	3260	9.7	2.5	
Ag	107	1	nogas	0.031	21.8	450	16.8	2.5	
Cd	111	1	nogas	0.019	20.6	60	16.7	1	
Sn	118	1	nogas	-0.209	-14.2	3877	4.8	5	
Sb	121	1	nogas	0.548	9.3	5991	8.2	2.5	
Ba	137	1	nogas	0.097	23.1	743	14.3	2.5	
Tl	205	1	nogas	0.323	49.4	7175	50.0	1	
Pb	208	1	nogas	0.034	26.7	1697	17.9	2.5	
U	238	1	nogas	0.038	16.5	1430	17.0	2.5	
Si	28	1	nogas	-47.220	-26.5	530852	0.1	5	
Na	23	2	He	23.161	2.9	52786	1.5	100	
Mg	24	2	He	3.190	3.5	3997	2.8	100	
Al	27	2	He	-1.395	-13.3	1627	5.7	5	
K	39	2	He	-2.867	-63.0	73661	2.2	100	
Ca	43	2	He	-2.610	-233.6	83	25.0	100	
Ca	44	2	He	3.098	153.5	1733	16.3	100	
V	51	2	He	-0.063	-12.0	1497	4.6	2.5	
Cr	52	2	He	0.023	32.5	2264	2.6	2.5	
Mn	55	2	He	0.714	9.2	6525	5.6	2.5	
Fe	56	2	He	4.449	4.1	47003	2.9	100	
Co	59	2	He	0.024	38.8	383	23.7	2.5	
Ni	60	2	He	-0.043	-63.2	183	35.5	2.5	
Cu	63	2	He	0.001	4178.1	870	25.9	2	
Zn	66	2	He	-0.569	-22.2	773	22.3	2.5	
As	75	2	He	0.197	31.1	360	17.7	2.5	
Sb	121	2	He	0.461	8.3	3634	8.6	2.5	
Se	78	2	He	0.480	27.6	320	4.4	2	
Ti	47	2	He	-0.001	-2934.3	13	43.3	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2010569	1.48	1905656	105.51	70	120	
In	115	1	nogas	2189019	1.35	2034779	107.58	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	667367	0.46	676732	98.62	70	120	
Bi	209	1	nogas	1860044	1.24	1711742	108.66	70	120	
Ge	72	2	He	844807	1.22	825316	102.36	70	120	

Sample Report

Sample Table

Sample Name	HS21010391-01
Data File Name	345SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:08:55-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.030	0.030	18.54	125	0.02	2000	
B	11	1	nogas	84.291	84.291	0.96	162965	0.05	2000	
Al	27	1	nogas	8.829	8.829	4.25	145818	0.01	2000	
Ti	47	1	nogas	1.897	1.897	9.75	2787	0.07	2000	
Ni	60	1	nogas	1.600	1.600	3.62	6915	0.02	2000	
Cu	63	1	nogas	3.400	3.400	3.72	32689	0.01	2000	
Zn	66	1	nogas	37.840	37.840	1.57	105907	0.04	2000	
Se	77	1	nogas	12.453	12.453	7.50	4891	0.25	2000	
Se	82	1	nogas	0.625	0.625	29.18	307	0.20	2000	
Sr	88	1	nogas	827.953	827.953	1.88	21801334	0.00	2000	
Mo	95	1	nogas	3.441	3.441	2.49	18370	0.02	2000	
Ag	107	1	nogas	0.006	0.006	97.10	147	0.00	2000	
Cd	111	1	nogas	0.014	0.014	64.72	47	0.03	2000	
Sn	118	1	nogas	-0.450	-0.450	-3.30	1963	-0.02	2000	
Sb	121	1	nogas	0.243	0.243	12.58	3024	0.01	2000	
Ba	137	1	nogas	580.200	580.200	0.38	2552677	0.02	2000	
Tl	205	1	nogas	0.022	0.022	34.10	553	0.00	2000	
Pb	208	1	nogas	0.157	0.157	2.56	5357	0.00	2000	
U	238	1	nogas	0.030	0.030	13.70	1087	0.00	2000	
Si	28	1	nogas	174398.766	174398.766	2.13	102368368	0.17	2000	>LDR
Na	23	2	He	74428.947	74428.947	0.48	88345219	0.08	200000	
Mg	24	2	He	20944.538	20944.538	0.61	15785810	0.13	200000	
Al	27	2	He	9.502	9.502	5.42	8082	0.12	2000	
K	39	2	He	4187.031	4187.031	1.13	4683612	0.09	200000	
Ca	43	2	He	118116.711	118116.711	0.20	409169	28.87	200000	
Ca	44	2	He	115979.530	115979.530	0.93	6700489	1.73	200000	
V	51	2	He	0.708	0.708	4.76	6924	0.01	2000	
Cr	52	2	He	1.066	1.066	2.09	9903	0.01	2000	
Mn	55	2	He	6554.236	6554.236	0.55	40178600	0.02	2000	>LDR
Fe	56	2	He	5925.152	5925.152	0.82	37378869	0.02	200000	
Co	59	2	He	0.518	0.518	4.37	5334	0.01	2000	
Ni	60	2	He	1.131	1.131	4.09	3134	0.04	2000	
Cu	63	2	He	2.829	2.829	2.78	18903	0.01	2000	
Zn	66	2	He	38.365	38.365	1.74	55718	0.07	2000	
As	75	2	He	2.576	2.576	7.85	3060	0.08	2000	
Sb	121	2	He	0.266	0.266	11.98	2274	0.01	2000	
Se	78	2	He	-0.096	-0.096	-87.17	257	-0.04	2000	
Ti	47	2	He	0.526	0.526	12.92	173	0.30	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2056561	1.61	1905656	107.92	70	120	
In	115	1	nogas	2191001	1.01	2034779	107.68	70	120	
Li	6	1	nogas	659665	0.60	676732	97.48	70	120	
Bi	209	1	nogas	1819389	2.94	1711742	106.29	70	120	
Ge	72	2	He	855982	0.14	825316	103.72	70	120	

Sample Report

Sample Table

Sample Name	HS21010391-02
Data File Name	346SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:11:02-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.033	0.033	48.86	135	0.02	2000	
B	11	1	nogas	88.467	88.467	1.66	170782	0.05	2000	
Al	27	1	nogas	8.961	8.961	0.87	146664	0.01	2000	
Ti	47	1	nogas	1.859	1.859	7.38	2724	0.07	2000	
Ni	60	1	nogas	1.817	1.817	2.46	7748	0.02	2000	
Cu	63	1	nogas	5.591	5.591	0.46	52475	0.01	2000	
Zn	66	1	nogas	5.641	5.641	1.62	17665	0.03	2000	
Se	77	1	nogas	13.258	13.258	19.81	4977	0.27	2000	
Se	82	1	nogas	0.539	0.539	20.95	290	0.19	2000	
Sr	88	1	nogas	853.704	853.704	1.24	22469650	0.00	2000	
Mo	95	1	nogas	3.536	3.536	0.74	18860	0.02	2000	
Ag	107	1	nogas	0.002	0.002	89.03	107	0.00	2000	
Cd	111	1	nogas	0.009	0.009	67.14	33	0.03	2000	
Sn	118	1	nogas	-0.490	-0.490	-4.64	1643	-0.03	2000	
Sb	121	1	nogas	0.227	0.227	3.41	2854	0.01	2000	
Ba	137	1	nogas	601.557	601.557	1.59	2645277	0.02	2000	
Tl	205	1	nogas	0.014	0.014	19.06	377	0.00	2000	
Pb	208	1	nogas	0.244	0.244	9.77	8018	0.00	2000	
U	238	1	nogas	0.031	0.031	7.49	1133	0.00	2000	
Si	28	1	nogas	182948.765	182948.765	1.34	106874712	0.17	2000	>LDR
Na	23	2	He	77314.402	77314.402	1.89	90750615	0.09	200000	
Mg	24	2	He	21963.141	21963.141	1.91	16369576	0.13	200000	
Al	27	2	He	8.858	8.858	2.21	7618	0.12	2000	
K	39	2	He	4305.585	4305.585	2.80	4760144	0.09	200000	
Ca	43	2	He	124225.019	124225.019	0.71	425588	29.19	200000	
Ca	44	2	He	121179.628	121179.628	1.93	6923007	1.75	200000	
V	51	2	He	0.711	0.711	2.22	6876	0.01	2000	
Cr	52	2	He	0.329	0.329	16.72	4474	0.01	2000	
Mn	55	2	He	6837.344	6837.344	0.51	41453427	0.02	2000	>LDR
Fe	56	2	He	6123.734	6123.734	0.59	38206214	0.02	200000	
Co	59	2	He	0.525	0.525	2.20	5348	0.01	2000	
Ni	60	2	He	1.191	1.191	6.73	3247	0.04	2000	
Cu	63	2	He	4.921	4.921	2.66	31875	0.02	2000	
Zn	66	2	He	5.318	5.318	1.91	8992	0.06	2000	
As	75	2	He	2.526	2.526	3.90	2971	0.09	2000	
Sb	121	2	He	0.185	0.185	19.40	1670	0.01	2000	
Se	78	2	He	0.002	0.002	10250.60	266	0.00	2000	
Ti	47	2	He	0.600	0.600	33.59	193	0.31	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2047005	0.98	1905656	107.42	70	120	
In	115	1	nogas	2189834	0.39	2034779	107.62	70	120	
Li	6	1	nogas	660032	0.39	676732	97.53	70	120	
Bi	209	1	nogas	1830042	4.93	1711742	106.91	70	120	
Ge	72	2	He	846617	1.36	825316	102.58	70	120	

Sample Report

Sample Table

Sample Name	HS21010391-03
Data File Name	347SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:13:10-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.011	0.011	50.50	63	0.02	2000	
B	11	1	nogas	92.100	92.100	0.73	177279	0.05	2000	
Al	27	1	nogas	7.350	7.350	2.37	129125	0.01	2000	
Ti	47	1	nogas	0.849	0.849	6.78	1297	0.07	2000	
Ni	60	1	nogas	1.188	1.188	4.76	5271	0.02	2000	
Cu	63	1	nogas	0.326	0.326	7.97	4604	0.01	2000	
Zn	66	1	nogas	0.165	0.165	37.85	2750	0.01	2000	
Se	77	1	nogas	5.115	5.115	46.69	3880	0.13	2000	
Se	82	1	nogas	0.829	0.829	14.95	343	0.24	2000	
Sr	88	1	nogas	648.663	648.663	1.21	17012466	0.00	2000	
Mo	95	1	nogas	1.488	1.488	1.91	7975	0.02	2000	
Ag	107	1	nogas	-0.002	-0.002	-156.80	57	0.00	2000	
Cd	111	1	nogas	0.004	0.004	186.22	20	0.02	2000	
Sn	118	1	nogas	-0.521	-0.521	-3.41	1387	-0.04	2000	
Sb	121	1	nogas	0.459	0.459	3.91	5218	0.01	2000	
Ba	137	1	nogas	486.791	486.791	1.19	2133057	0.02	2000	
Tl	205	1	nogas	0.008	0.008	23.90	257	0.00	2000	
Pb	208	1	nogas	0.011	0.011	48.10	977	0.00	2000	
U	238	1	nogas	0.071	0.071	6.71	2587	0.00	2000	
Si	28	1	nogas	121198.477	121198.477	0.32	71271656	0.17	2000	>LDR
Na	23	2	He	32645.141	32645.141	0.72	38491551	0.08	200000	
Mg	24	2	He	16830.445	16830.445	0.67	12596221	0.13	200000	
Al	27	2	He	6.913	6.913	3.88	6508	0.11	2000	
K	39	2	He	2942.512	2942.512	0.58	3291336	0.09	200000	
Ca	43	2	He	93124.770	93124.770	0.16	320355	29.07	200000	
Ca	44	2	He	90675.603	90675.603	0.69	5202276	1.74	200000	
V	51	2	He	0.023	0.023	45.31	2105	0.00	2000	
Cr	52	2	He	-0.066	-0.066	-5.61	1627	0.00	2000	
Mn	55	2	He	3865.078	3865.078	0.65	23528920	0.02	2000	>LDR
Fe	56	2	He	3551.070	3551.070	0.56	22252607	0.02	200000	
Co	59	2	He	2.042	2.042	1.27	20445	0.01	2000	
Ni	60	2	He	0.797	0.797	19.54	2277	0.03	2000	
Cu	63	2	He	0.080	0.080	17.41	1373	0.01	2000	
Zn	66	2	He	-0.145	-0.145	-100.73	1373	-0.01	2000	
As	75	2	He	1.632	1.632	9.49	1977	0.08	2000	
Sb	121	2	He	0.438	0.438	6.91	3490	0.01	2000	
Se	78	2	He	-0.108	-0.108	-292.88	254	-0.04	2000	
Ti	47	2	He	0.110	0.110	62.86	47	0.23	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2054852	0.30	1905656	107.83	70	120	
In	115	1	nogas	2182265	1.59	2034779	107.25	70	120	
Li	6	1	nogas	659266	0.69	676732	97.42	70	120	
Bi	209	1	nogas	1868052	4.09	1711742	109.13	70	120	
Ge	72	2	He	849987	0.57	825316	102.99	70	120	

Sample Report

Sample Table

Sample Name	HS21010391-04
Data File Name	348SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:15:19-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.011	0.011	49.72	60	0.02	2000	
B	11	1	nogas	82.139	82.139	1.09	155367	0.05	2000	
Al	27	1	nogas	12.453	12.453	0.65	184058	0.01	2000	
Ti	47	1	nogas	0.970	0.970	12.35	1450	0.07	2000	
Ni	60	1	nogas	0.676	0.676	6.68	3187	0.02	2000	
Cu	63	1	nogas	0.510	0.510	6.43	6201	0.01	2000	
Zn	66	1	nogas	1.182	1.182	6.90	5458	0.02	2000	
Se	77	1	nogas	10.294	10.294	35.73	4527	0.23	2000	
Se	82	1	nogas	1.156	1.156	12.73	397	0.29	2000	
Sr	88	1	nogas	740.156	740.156	0.90	19295642	0.00	2000	
Mo	95	1	nogas	3.262	3.262	1.68	17242	0.02	2000	
Ag	107	1	nogas	-0.003	-0.003	-17.06	43	-0.01	2000	
Cd	111	1	nogas	0.009	0.009	134.32	33	0.03	2000	
Sn	118	1	nogas	-0.528	-0.528	-2.34	1323	-0.04	2000	
Sb	121	1	nogas	0.092	0.092	11.98	1467	0.01	2000	
Ba	137	1	nogas	455.615	455.615	1.41	1984568	0.02	2000	
Tl	205	1	nogas	0.005	0.005	30.25	190	0.00	2000	
Pb	208	1	nogas	0.003	0.003	126.56	703	0.00	2000	
U	238	1	nogas	1.880	1.880	5.02	65644	0.00	2000	
Si	28	1	nogas	132698.159	132698.159	1.67	76955112	0.17	2000	>LDR
Na	23	2	He	38373.467	38373.467	1.88	44588396	0.09	200000	
Mg	24	2	He	18360.733	18360.733	1.08	13544210	0.14	200000	
Al	27	2	He	12.579	12.579	7.06	9689	0.13	2000	
K	39	2	He	3232.748	3232.748	2.67	3556017	0.09	200000	
Ca	43	2	He	109830.558	109830.558	1.83	372348	29.50	200000	
Ca	44	2	He	107138.453	107138.453	0.84	6058513	1.77	200000	
V	51	2	He	0.017	0.017	101.11	2033	0.00	2000	
Cr	52	2	He	-0.058	-0.058	-30.93	1663	0.00	2000	
Mn	55	2	He	3435.087	3435.087	2.18	20608211	0.02	2000	>LDR
Fe	56	2	He	3686.400	3686.400	1.22	22767849	0.02	200000	
Co	59	2	He	0.226	0.226	1.26	2364	0.01	2000	
Ni	60	2	He	0.239	0.239	23.45	877	0.03	2000	
Cu	63	2	He	0.227	0.227	14.72	2270	0.01	2000	
Zn	66	2	He	1.002	1.002	17.13	2937	0.03	2000	
As	75	2	He	1.300	1.300	9.55	1581	0.08	2000	
Sb	121	2	He	0.084	0.084	26.89	940	0.01	2000	
Se	78	2	He	0.236	0.236	97.47	289	0.08	2000	
Ti	47	2	He	0.157	0.157	44.42	60	0.26	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2028144	1.31	1905656	106.43	70	120	
In	115	1	nogas	2169060	0.98	2034779	106.60	70	120	
Li	6	1	nogas	644624	0.49	676732	95.26	70	120	
Bi	209	1	nogas	1834615	2.53	1711742	107.18	70	120	
Ge	72	2	He	837869	1.62	825316	101.52	70	120	

Sample Report

Sample Table

Sample Name	HS21010391-05
Data File Name	349SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:17:29-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.072	0.072	16.82	255	0.03	2000	
B	11	1	nogas	95.350	95.350	0.49	179839	0.05	2000	
Al	27	1	nogas	8.081	8.081	2.15	134277	0.01	2000	
Ti	47	1	nogas	1.211	1.211	12.74	1770	0.07	2000	
Ni	60	1	nogas	0.749	0.749	10.26	3440	0.02	2000	
Cu	63	1	nogas	0.366	0.366	18.08	4851	0.01	2000	
Zn	66	1	nogas	-0.009	-0.009	-586.88	2220	0.00	2000	
Se	77	1	nogas	11.735	11.735	6.47	4684	0.25	2000	
Se	82	1	nogas	1.703	1.703	19.11	490	0.35	2000	
Sr	88	1	nogas	919.124	919.124	2.75	23971404	0.00	2000	
Mo	95	1	nogas	0.328	0.328	8.21	1833	0.02	2000	
Ag	107	1	nogas	-0.001	-0.001	-75.45	63	0.00	2000	
Cd	111	1	nogas	-0.002	-0.002	-296.42	7	-0.02	2000	
Sn	118	1	nogas	-0.528	-0.528	-2.81	1327	-0.04	2000	
Sb	121	1	nogas	0.088	0.088	23.20	1417	0.01	2000	
Ba	137	1	nogas	559.270	559.270	1.68	2437371	0.02	2000	
Tl	205	1	nogas	0.005	0.005	64.08	190	0.00	2000	
Pb	208	1	nogas	0.006	0.006	58.90	817	0.00	2000	
U	238	1	nogas	0.027	0.027	5.32	1023	0.00	2000	
Si	28	1	nogas	162107.582	162107.582	1.86	93012339	0.17	2000	>LDR
Na	23	2	He	38147.782	38147.782	0.71	44086023	0.09	200000	
Mg	24	2	He	23961.479	23961.479	0.31	17578057	0.14	200000	
Al	27	2	He	8.444	8.444	5.90	7258	0.12	2000	
K	39	2	He	3509.608	3509.608	1.73	3833410	0.09	200000	
Ca	43	2	He	137003.784	137003.784	0.23	461930	29.66	200000	
Ca	44	2	He	133823.191	133823.191	0.61	7525007	1.78	200000	
V	51	2	He	0.282	0.282	10.59	3830	0.01	2000	
Cr	52	2	He	0.018	0.018	160.03	2190	0.00	2000	
Mn	55	2	He	5281.658	5281.658	0.64	31514705	0.02	2000	>LDR
Fe	56	2	He	7114.291	7114.291	0.50	43680276	0.02	200000	
Co	59	2	He	0.065	0.065	21.59	783	0.01	2000	
Ni	60	2	He	0.064	0.064	55.09	443	0.01	2000	
Cu	63	2	He	0.059	0.059	15.03	1217	0.00	2000	
Zn	66	2	He	-0.295	-0.295	-20.42	1140	-0.03	2000	
As	75	2	He	0.487	0.487	4.65	674	0.07	2000	
Sb	121	2	He	0.100	0.100	34.83	1047	0.01	2000	
Se	78	2	He	-0.094	-0.094	-334.61	251	-0.04	2000	
Ti	47	2	He	0.124	0.124	0.10	50	0.25	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2009404	1.77	1905656	105.44	70	120	
In	115	1	nogas	2170664	1.92	2034779	106.68	70	120	
Li	6	1	nogas	646876	0.34	676732	95.59	70	120	
Bi	209	1	nogas	1838577	2.94	1711742	107.41	70	120	
Ge	72	2	He	833166	0.08	825316	100.95	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	355_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:30:29-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	95.239	0.354	284316	0.33	100	95.2	90	110	
B	11	1	nogas	504.035	1.530	860130	1.43	500	100.8	90	110	
Al	27	1	nogas	97.210	1.864	1063017	1.50	100	97.2	90	110	
P	31	1	nogas	474.831	1.058	323946	0.41	500	95.0	90	110	
Ti	47	1	nogas	96.004	2.183	127468	2.26	100	96.0	90	110	
Ni	60	1	nogas	97.682	1.012	363747	1.06	100	97.7	90	110	
Cu	63	1	nogas	100.948	1.572	861711	1.59	100	100.9	90	110	
Zn	66	1	nogas	97.318	1.907	250635	2.08	100	97.3	90	110	
Se	77	1	nogas	96.635	6.477	15343	4.24	100	96.6	90	110	
Se	82	1	nogas	95.883	3.066	16274	2.50	100	95.9	90	110	
Sr	88	1	nogas	95.845	1.425	2411064	1.96	100	95.8	90	110	
Mo	95	1	nogas	94.477	1.367	478468	0.78	100	94.5	90	110	
Ag	107	1	nogas	100.798	1.877	1147515	1.30	100	100.8	90	110	
Cd	111	1	nogas	96.900	1.426	243772	0.85	100	96.9	90	110	
Sn	118	1	nogas	95.681	2.202	732793	1.62	100	95.7	90	110	
Sb	121	1	nogas	106.651	2.134	1012361	1.71	100	106.7	90	110	
Ba	137	1	nogas	97.072	1.776	407875	1.30	100	97.1	90	110	
Tl	205	1	nogas	95.759	6.212	2006654	3.26	100	95.8	90	110	
Pb	208	1	nogas	95.780	2.534	2842970	1.02	100	95.8	90	110	
U	238	1	nogas	95.162	3.858	3232053	0.63	100	95.2	90	110	
Li	7	1	nogas	99.006	0.328	926999	0.31	100	99.0	90	110	
Si	28	1	nogas	4778.572	2.283	3133018	0.86	5000	95.6	90	110	
Ba	135	1	nogas	96.301	2.400	232954	1.84	100	96.3	90	110	
Tl	203	1	nogas	102.541	5.090	884632	1.70	100	102.5	90	110	
Na	23	2	He	9622.378	2.492	10883051	1.10	10000	96.2	90	110	
Mg	24	2	He	9753.328	0.945	6992611	0.98	10000	97.5	90	110	
Al	27	2	He	94.001	0.680	55133	1.49	100	94.0	90	110	
K	39	2	He	9495.627	0.801	10008698	0.68	10000	95.0	90	110	
Ca	43	2	He	9400.123	2.027	31056	2.58	10000	94.0	90	110	
Ca	44	2	He	9622.271	1.114	530103	0.98	10000	96.2	90	110	
V	51	2	He	95.940	0.735	642293	0.73	100	95.9	90	110	
Cr	52	2	He	98.326	0.838	684612	0.56	100	98.3	90	110	
Mn	55	2	He	98.186	1.313	574576	1.35	100	98.2	90	110	
Fe	56	2	He	9773.187	0.636	58628894	0.76	10000	97.7	90	110	
Co	59	2	He	98.917	0.234	941568	1.28	100	98.9	90	110	
Ni	60	2	He	99.824	1.175	238609	0.59	100	99.8	90	110	
Cu	63	2	He	99.551	0.278	604139	1.11	100	99.6	90	110	
Zn	66	2	He	98.215	0.222	133320	1.46	100	98.2	90	110	
As	75	2	He	96.417	0.519	104047	1.90	100	96.4	90	110	
Sb	121	2	He	98.494	0.528	676267	1.28	100	98.5	90	110	
Se	78	2	He	96.634	1.391	10931	1.95	100	96.6	90	110	
Ti	47	2	He	94.390	3.542	27277	2.44	100	94.4	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1917579	1.05	1905656	100.63	70	120	
In	115	1	nogas	2091305	0.61	2034779	102.78	70	120	
Li	6	1	nogas	604840	0.08	676732	89.38	70	120	
Bi	209	1	nogas	1786473	3.49	1711742	104.37	70	120	
Ge	72	2	He	814197	1.38	825316	98.65	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	356_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:32:40-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.028	25.9	115	19.9	1	
B	11	1	nogas	17.649	11.4	39093	8.7	10	CCB Main CR1 Failed
Al	27	1	nogas	-1.483	-2.7	28391	1.1	5	
P	31	1	nogas	2.086	52.1	14813	4.5	10	
Ti	47	1	nogas	0.055	13.6	160	6.3	2.5	
Ni	60	1	nogas	-0.021	-105.9	430	20.1	2.5	
Cu	63	1	nogas	-0.040	-35.9	1197	10.4	2	
Zn	66	1	nogas	-0.319	-23.4	1357	13.9	2.5	
Se	77	1	nogas	-4.783	-39.1	2400	10.8	2.5	
Se	82	1	nogas	0.670	68.7	300	27.3	2	
Sr	88	1	nogas	0.091	21.6	4481	9.7	2.5	
Mo	95	1	nogas	0.387	23.2	2164	19.9	2.5	
Ag	107	1	nogas	0.022	4.4	337	1.7	2.5	
Cd	111	1	nogas	0.029	47.8	87	40.5	1	
Sn	118	1	nogas	-0.203	-31.2	3931	11.3	5	
Sb	121	1	nogas	0.350	9.1	3917	8.4	2.5	
Ba	137	1	nogas	0.087	21.8	700	10.0	2.5	
Tl	205	1	nogas	0.323	46.2	7089	48.5	1	
Pb	208	1	nogas	0.026	24.2	1430	16.5	2.5	
U	238	1	nogas	0.041	42.5	1510	43.4	2.5	
Si	28	1	nogas	-83.330	-7.5	496392	0.3	5	
Na	23	2	He	18.938	1.0	46253	1.0	100	
Mg	24	2	He	3.873	10.8	4354	6.4	100	
Al	27	2	He	-1.530	-20.2	1497	11.1	5	
K	39	2	He	-4.432	-54.5	69568	3.1	100	
Ca	43	2	He	15.418	99.2	140	35.7	100	
Ca	44	2	He	7.619	57.6	1923	12.3	100	
V	51	2	He	-0.062	-14.0	1455	4.1	2.5	
Cr	52	2	He	-0.006	-672.4	1980	14.5	2.5	
Mn	55	2	He	0.696	2.7	6208	2.3	2.5	
Fe	56	2	He	3.430	0.7	39309	0.8	100	
Co	59	2	He	0.028	34.3	410	21.7	2.5	
Ni	60	2	He	-0.046	-63.8	170	42.4	2.5	
Cu	63	2	He	-0.018	-147.8	727	22.7	2	
Zn	66	2	He	-0.618	-4.2	683	4.7	2.5	
As	75	2	He	0.096	17.3	239	7.0	2.5	
Sb	121	2	He	0.263	14.2	2147	11.6	2.5	
Se	78	2	He	0.060	502.5	263	12.1	2	
Ti	47	2	He	0.104	105.5	43	74.2	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1955812	0.92	1905656	102.63	70	120	
In	115	1	nogas	2197102	1.90	2034779	107.98	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	646494	0.61	676732	95.53	70	120	
Bi	209	1	nogas	1827931	2.83	1711742	106.79	70	120	
Ge	72	2	He	816722	0.59	825316	98.96	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	380_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:25:14-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	91.596	0.647	282530	0.31	100	91.6	90	110	
B	11	1	nogas	492.870	1.825	869172	1.50	500	98.6	90	110	
Al	27	1	nogas	96.186	1.751	1134802	0.40	100	96.2	90	110	
P	31	1	nogas	457.416	2.144	337050	0.80	500	91.5	90	110	
Ti	47	1	nogas	93.877	2.720	134403	1.31	100	93.9	90	110	
Ni	60	1	nogas	95.543	2.628	383660	1.46	100	95.5	90	110	
Cu	63	1	nogas	98.251	2.114	904442	0.72	100	98.3	90	110	
Zn	66	1	nogas	95.037	3.252	263961	1.93	100	95.0	90	110	
Se	77	1	nogas	94.189	8.612	16207	5.82	100	94.2	90	110	
Se	82	1	nogas	95.509	1.201	17485	1.02	100	95.5	90	110	
Sr	88	1	nogas	94.352	1.780	2550065	1.23	100	94.4	90	110	
Mo	95	1	nogas	91.256	0.944	496624	1.25	100	91.3	90	110	
Ag	107	1	nogas	97.509	1.474	1192840	1.36	100	97.5	90	110	
Cd	111	1	nogas	93.742	2.316	253420	2.60	100	93.7	90	110	
Sn	118	1	nogas	92.439	0.965	760970	1.17	100	92.4	90	110	
Sb	121	1	nogas	101.976	2.364	1043896	1.04	100	102.0	90	110	
Ba	137	1	nogas	92.883	1.542	419398	1.85	100	92.9	90	110	
Tl	205	1	nogas	93.058	4.059	2052324	1.39	100	93.1	90	110	
Pb	208	1	nogas	92.397	3.964	2884062	0.75	100	92.4	90	110	
U	238	1	nogas	92.743	4.262	3313228	1.01	100	92.7	90	110	
Li	7	1	nogas	95.433	0.437	924833	0.50	100	95.4	90	110	
Si	28	1	nogas	4595.710	3.291	3271295	1.30	5000	91.9	90	110	
Ba	135	1	nogas	93.164	1.144	242189	1.45	100	93.2	90	110	
Tl	203	1	nogas	99.003	4.520	898598	1.33	100	99.0	90	110	
Na	23	2	He	9271.032	1.379	10865994	0.53	10000	92.7	90	110	
Mg	24	2	He	9322.453	1.711	6924446	1.17	10000	93.2	90	110	
Al	27	2	He	94.300	1.373	57290	0.79	100	94.3	90	110	
K	39	2	He	9242.729	1.177	10095353	0.79	10000	92.4	90	110	
Ca	43	2	He	9151.671	3.560	31320	2.70	10000	91.5	90	110	
Ca	44	2	He	9325.672	0.770	532336	0.32	10000	93.3	90	110	
V	51	2	He	94.137	0.684	652983	0.51	100	94.1	90	110	
Cr	52	2	He	96.518	0.759	696305	0.72	100	96.5	90	110	
Mn	55	2	He	95.348	0.454	578160	0.83	100	95.3	90	110	
Fe	56	2	He	9507.528	0.570	59093136	0.82	10000	95.1	90	110	
Co	59	2	He	96.997	0.685	956551	0.67	100	97.0	90	110	
Ni	60	2	He	97.626	1.190	241778	0.62	100	97.6	90	110	
Cu	63	2	He	98.486	0.244	619236	0.84	100	98.5	90	110	
Zn	66	2	He	95.179	1.275	133897	1.22	100	95.2	90	110	
As	75	2	He	94.302	0.994	105424	0.61	100	94.3	90	110	
Sb	121	2	He	95.457	0.445	679038	0.71	100	95.5	90	110	
Se	78	2	He	93.564	2.360	10973	1.78	100	93.6	90	110	
Ti	47	2	He	92.922	1.130	27828	1.32	100	92.9	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2068155	1.40	1905656	108.53	70	120	
In	115	1	nogas	2247107	0.55	2034779	110.43	70	120	
Li	6	1	nogas	624951	0.34	676732	92.35	70	120	
Bi	209	1	nogas	1879191	3.33	1711742	109.78	70	120	
Ge	72	2	He	843540	1.05	825316	102.21	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	381_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:27:27-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.034	27.3	135	22.2	1	
B	11	1	nogas	11.274	12.8	28032	9.1	10	CCB Main CR1 Failed
Al	27	1	nogas	-0.013	-663.2	46972	0.8	5	
P	31	1	nogas	-2.812	-32.2	12288	4.0	10	
Ti	47	1	nogas	1.109	170.0	1710	161.1	2.5	
Ni	60	1	nogas	-0.006	-481.4	517	22.4	2.5	
Cu	63	1	nogas	0.022	65.6	1853	6.5	2	
Zn	66	1	nogas	-0.252	-20.8	1630	9.9	2.5	
Se	77	1	nogas	-4.274	-105.7	2620	22.7	2.5	
Se	82	1	nogas	0.238	73.2	240	12.5	2	
Sr	88	1	nogas	0.048	16.6	3490	6.3	2.5	
Mo	95	1	nogas	0.374	28.8	2197	27.2	2.5	
Ag	107	1	nogas	0.032	23.4	483	19.2	2.5	
Cd	111	1	nogas	0.031	33.8	97	29.9	1	
Sn	118	1	nogas	-0.232	-7.3	3877	3.7	5	
Sb	121	1	nogas	0.294	11.6	3590	10.7	2.5	
Ba	137	1	nogas	0.083	11.5	713	6.3	2.5	
Tl	205	1	nogas	0.319	52.3	7462	54.6	1	
Pb	208	1	nogas	0.053	5.8	2397	6.8	2.5	
U	238	1	nogas	0.041	37.3	1613	38.6	2.5	
Si	28	1	nogas	-49.403	-36.9	548558	1.0	5	
Na	23	2	He	10.855	4.9	38613	1.5	100	
Mg	24	2	He	2.632	7.0	3604	3.5	100	
Al	27	2	He	0.230	234.5	2590	12.3	5	
K	39	2	He	-6.344	-9.3	70325	0.5	100	
Ca	43	2	He	6.888	215.0	117	44.0	100	
Ca	44	2	He	2.642	90.5	1717	7.9	100	
V	51	2	He	-0.072	-13.0	1440	4.9	2.5	
Cr	52	2	He	-0.017	-149.1	1983	8.9	2.5	
Mn	55	2	He	0.166	27.2	3230	8.8	2.5	
Fe	56	2	He	5.584	2.9	54393	1.7	100	
Co	59	2	He	0.027	48.4	420	31.0	2.5	
Ni	60	2	He	-0.033	-49.6	210	19.0	2.5	
Cu	63	2	He	0.022	22.8	1007	3.5	2	
Zn	66	2	He	-0.626	-21.4	700	27.1	2.5	
As	75	2	He	0.152	19.2	312	10.9	2.5	
Sb	121	2	He	0.224	9.7	1957	8.2	2.5	
Se	78	2	He	0.267	82.5	297	8.4	2	
Ti	47	2	He	0.032	156.9	23	65.5	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2082546	1.26	1905656	109.28	70	120	
In	115	1	nogas	2299184	0.34	2034779	112.99	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	657525	0.40	676732	97.16	70	120	
Bi	209	1	nogas	1948663	3.03	1711742	113.84	70	120	
Ge	72	2	He	850026	0.38	825316	102.99	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV2
Data File Name	383LCV2.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:32:01-06:00
Sample Type	LLCCV2
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	1.793	1.664	5836	2.22	2	89.6	70	120	
B	11	1	nogas	14.463	0.459	33866	0.97	10	144.6	70	120	NewName Main CR1 Failed
Al	27	1	nogas	2.145	3.968	70919	2.52	2	107.3	70	120	
P	31	1	nogas	5.732	8.324	18199	2.38	10	57.3	70	120	NewName Main CR1 Failed
Ti	47	1	nogas	1.784	5.314	2637	4.49	2	89.2	70	120	
Ni	60	1	nogas	1.997	5.528	8529	4.79	2	99.9	70	120	
Cu	63	1	nogas	2.117	1.539	21039	0.40	2	105.8	70	120	
Zn	66	1	nogas	1.509	4.074	6451	1.68	2	75.4	70	120	
Se	77	1	nogas	-2.092	-103.476	2900	9.26	2	-104.6	70	120	NewName Main CR1 Failed
Se	82	1	nogas	1.747	42.547	510	25.94	2	87.3	70	120	
Sr	88	1	nogas	1.929	2.463	55753	0.92	2	96.5	70	120	
Mo	95	1	nogas	1.737	0.992	9840	3.06	2	86.9	70	120	
Ag	107	1	nogas	1.953	1.840	24651	1.16	2	97.7	70	120	
Cd	111	1	nogas	1.787	1.314	4981	3.48	2	89.4	70	120	
Sn	118	1	nogas	1.370	1.322	17362	2.31	2	68.5	70	120	NewName Main CR1 Failed
Sb	121	1	nogas	2.052	6.794	21497	5.70	2	102.6	70	120	
Ba	137	1	nogas	1.822	5.384	8786	5.32	2	91.1	70	120	
Tl	205	1	nogas	1.945	1.738	43618	1.76	2	97.3	70	120	
Pb	208	1	nogas	1.899	3.852	60755	2.63	2	94.9	70	120	
Pb	206	1	nogas	1.831	5.416	14937	3.72	2	91.5	70	120	
Pb	207	1	nogas	1.900	4.645	13609	3.17	2	95.0	70	120	
U	238	1	nogas	1.881	2.650	68228	1.66	2	94.0	70	120	
Li	7	1	nogas	1.926	6.428	64801	1.22	2	96.3	70	120	
Ba	135	1	nogas	1.773	7.123	4947	5.75	2	88.6	70	120	
Tl	203	1	nogas	2.023	1.917	18641	0.38	2	101.1	70	120	
Na	23	2	He	207.535	0.856	270429	1.82	200	103.8	70	120	
Mg	24	2	He	202.717	1.245	153351	0.34	200	101.4	70	120	
Al	27	2	He	2.259	14.912	3780	5.72	2	112.9	70	120	
K	39	2	He	189.751	1.769	284546	0.33	200	94.9	70	120	
Ca	43	2	He	198.943	22.262	777	19.33	200	99.5	70	120	
Ca	44	2	He	181.754	2.247	11991	1.42	200	90.9	70	120	
V	51	2	He	1.798	2.384	14481	3.44	2	89.9	70	120	
Cr	52	2	He	2.063	1.963	17061	1.02	2	103.2	70	120	
Mn	55	2	He	2.067	1.071	14803	1.06	2	103.3	70	120	
Fe	56	2	He	212.336	1.039	1349038	0.47	200	106.2	70	120	
Co	59	2	He	1.923	3.228	19254	1.83	2	96.1	70	120	
Ni	60	2	He	2.051	2.658	5404	2.00	2	102.5	70	120	
Cu	63	2	He	2.011	2.256	13592	1.61	2	100.5	70	120	
Zn	66	2	He	1.326	13.005	3437	8.07	2	66.3	70	120	NewName Main CR1 Failed
As	75	2	He	1.846	5.396	2217	3.66	2	92.3	70	120	
Se	77	2	He	1.817	82.740	107	51.63	2	90.8	70	120	
Sb	121	2	He	1.976	0.263	14513	1.64	2	98.8	70	120	
Se	78	2	He	1.870	22.460	483	11.04	2	93.5	70	120	
Ti	47	2	He	1.876	8.447	580	9.60	2	93.8	70	120	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2063487	1.19	1905656	108.28	70	120	
In	115	1	nogas	2310902	2.20	2034779	113.57	70	120	
Li	6	1	nogas	656663	0.67	676732	97.03	70	120	
Bi	209	1	nogas	1905188	1.73	1711742	111.30	70	120	
Ge	72	2	He	850168	1.39	825316	103.01	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV5
Data File Name	384LCV5.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:34:18-06:00
Sample Type	LLCCV5
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	4.280	2.293	13875	2.25	5	85.6	70	130	
B	11	1	nogas	28.554	1.542	59682	1.66	25	114.2	70	130	
Al	27	1	nogas	4.958	3.141	101804	2.39	5	99.2	70	130	
P	31	1	nogas	21.211	6.749	28846	0.82	25	84.8	70	130	
Ti	47	1	nogas	4.645	3.157	6665	1.48	5	92.9	70	130	
Ni	60	1	nogas	4.723	3.118	19284	4.87	5	94.5	70	130	
Cu	63	1	nogas	4.986	3.346	46940	1.26	5	99.7	70	130	
Zn	66	1	nogas	4.473	3.754	14473	1.96	5	89.5	70	130	
Se	77	1	nogas	-0.910	-164.536	3044	9.35	5	-18.2	70	130	NewName Main CR1 Failed
Se	82	1	nogas	3.928	6.027	897	4.22	5	78.6	70	130	
Sr	88	1	nogas	4.775	2.443	133178	0.86	5	95.5	70	130	
Mo	95	1	nogas	4.278	4.399	23759	2.49	5	85.6	70	130	
Ag	107	1	nogas	4.722	3.008	58767	1.51	5	94.4	70	130	
Cd	111	1	nogas	4.620	3.392	12698	1.52	5	92.4	70	130	
Sn	118	1	nogas	4.071	3.405	39571	1.64	5	81.4	70	130	
Sb	121	1	nogas	5.048	0.659	51669	2.28	5	101.0	70	130	
Ba	137	1	nogas	4.473	3.103	20833	1.70	5	89.5	70	130	
Tl	205	1	nogas	4.677	5.515	106557	0.79	5	93.5	70	130	
Pb	208	1	nogas	4.528	6.219	146497	1.41	5	90.6	70	130	
U	238	1	nogas	4.532	5.831	167173	1.17	5	90.6	70	130	
Li	7	1	nogas	4.502	1.195	89656	0.38	5	90.0	70	130	
Si	28	1	nogas	186.543	21.813	675824	0.66	25	746.2	70	130	NewName Main CR1 Failed
Na	23	2	He	500.314	0.553	614435	0.97	500	100.1	70	130	
Mg	24	2	He	495.724	0.931	372033	0.32	500	99.1	70	130	
Al	27	2	He	5.292	8.937	5551	6.03	5	105.8	70	130	
K	39	2	He	473.975	0.909	594078	0.68	500	94.8	70	130	
Ca	43	2	He	491.089	8.333	1780	8.92	500	98.2	70	130	
Ca	44	2	He	465.744	1.393	28235	1.25	500	93.1	70	130	
V	51	2	He	4.525	0.557	33432	1.67	5	90.5	70	130	
Cr	52	2	He	4.785	1.275	36733	2.17	5	95.7	70	130	
Mn	55	2	He	4.590	1.337	30118	2.21	5	91.8	70	130	
Fe	56	2	He	489.749	2.133	3080998	1.85	500	97.9	70	130	
Co	59	2	He	4.841	2.200	48186	3.36	5	96.8	70	130	
Ni	60	2	He	4.945	2.266	12601	2.57	5	98.9	70	130	
Cu	63	2	He	5.024	2.083	32603	1.62	5	100.5	70	130	
Zn	66	2	He	4.174	3.530	7415	3.95	5	83.5	70	130	
As	75	2	He	4.602	5.694	5312	6.34	5	92.0	70	130	
Sb	121	2	He	4.734	2.379	34214	2.36	5	94.7	70	130	
Se	78	2	He	4.861	2.400	826	1.98	5	97.2	70	130	
Ti	47	2	He	4.414	12.430	1343	12.69	5	88.3	70	130	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2046653	2.86	1905656	107.40	70	120	
In	115	1	nogas	2283665	1.92	2034779	112.23	70	120	
Li	6	1	nogas	655700	0.34	676732	96.89	70	120	
Bi	209	1	nogas	1941457	4.89	1711742	113.42	70	120	
Ge	72	2	He	848746	1.20	825316	102.84	70	120	

Interference Check Solution A (ICS-A) Report

Sample Table

Sample Name	ICSA
Data File Name	385ICSA.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:36:34-06:00
Sample Type	ICSA
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.004	199.1	33	60.6	0	ICSA Main CR1 Failed
B	11	1	nogas	6.450	6.8	17099	3.7	0	ICSA Main CR1 Failed
Al	27	1	nogas	85530.368	1.0	907038013	0.7	0	
P	31	1	nogas	83315.964	1.2	55144713	0.7	0	
Ti	47	1	nogas	1791.829	0.2	2403924	1.6	0	
Ni	60	1	nogas	0.774	7.0	3414	4.6	0	ICSA Main CR1 Failed
Cu	63	1	nogas	1.076	5.9	10800	3.6	0	ICSA Main CR1 Failed
Zn	66	1	nogas	1.102	11.4	5011	5.0	0	ICSA Main CR1 Failed
Se	77	1	nogas	17.619	2.9	5281	2.2	0	
Se	82	1	nogas	0.397	70.8	250	17.4	0	ICSA Main CR1 Failed
Sr	88	1	nogas	1.002	1.4	26099	2.9	0	ICSA Main CR1 Failed
Mo	95	1	nogas	1786.206	1.4	8688635	0.9	0	
Ag	107	1	nogas	0.011	24.3	197	16.3	0	ICSA Main CR1 Failed
Cd	111	1	nogas	1.439	5.8	3487	5.9	0	ICSA Main CR1 Failed
Sn	118	1	nogas	-0.365	-8.1	2420	8.3	0	ICSA Main CR1 Failed
Sb	121	1	nogas	0.046	33.2	963	16.5	0	ICSA Main CR1 Failed
Ba	137	1	nogas	0.075	21.7	590	9.4	0	ICSA Main CR1 Failed
Tl	205	1	nogas	0.023	39.7	547	37.0	0	ICSA Main CR1 Failed
Pb	208	1	nogas	0.045	12.0	1867	6.5	0	ICSA Main CR1 Failed
Si	28	1	nogas	106.617	8.1	596579	0.8	0	
Na	23	2	He	99252.855	1.1	103998532	0.8	0	
Mg	24	2	He	99616.124	1.3	66274696	0.1	0	
Al	27	2	He	88397.378	0.9	46072679	1.4	0	
K	39	2	He	99091.136	0.0	96303805	1.2	0	
Ca	43	2	He	95284.254	0.4	291435	1.4	0	
Ca	44	2	He	94346.154	0.9	4812770	2.0	0	
V	51	2	He	-0.029	-83.5	1548	10.8	0	ICSA Main CR1 Failed
Cr	52	2	He	0.939	4.4	7925	4.4	0	ICSA Main CR1 Failed
Mn	55	2	He	0.078	78.3	2397	14.2	0	ICSA Main CR1 Failed
Fe	56	2	He	101391.521	0.4	564433858	1.2	0	
Co	59	2	He	0.195	4.3	1860	4.7	0	ICSA Main CR1 Failed
Ni	60	2	He	0.278	12.4	877	8.6	0	ICSA Main CR1 Failed
Cu	63	2	He	0.303	10.9	2480	8.6	0	ICSA Main CR1 Failed
Zn	66	2	He	-0.175	-13.1	1183	2.1	0	ICSA Main CR1 Failed
As	75	2	He	0.153	4.2	278	3.0	0	ICSA Main CR1 Failed
Sb	121	2	He	0.044	39.6	590	19.5	0	ICSA Main CR1 Failed
Se	78	2	He	-0.030	-123.4	234	2.3	0	ICSA Main CR1 Failed
Ti	47	2	He	1902.256	0.1	510155	1.3	0	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1938742	1.51	1905656	101.74	70	120	
In	115	1	nogas	2009250	1.66	2034779	98.75	70	120	
Li	6	1	nogas	586887	0.53	676732	86.72	70	120	
Bi	209	1	nogas	1702074	2.96	1711742	99.44	70	120	
Ge	72	2	He	755729	1.17	825316	91.57	70	120	

Interference Check Solution AB (ICS-AB) Report

Sample Table

Sample Name	ICSAB
Data File Name	386ICSB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:38:48-06:00
Sample Type	ICSB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	99.095	0.647	280783	1.47	100	99.1	80	120	
B	11	1	nogas	533.069	0.416	863049	1.23	100	533.1	80	120	
Al	27	1	nogas	86572.506	1.482	921414013	1.08	100	86572.5	80	120	ICSB Main CR1 Failed
Ti	47	1	nogas	1919.892	0.529	2585001	1.37	100	1919.9	80	120	ICSB Main CR1 Failed
Ni	60	1	nogas	96.083	2.745	363040	2.61	100	96.1	80	120	
Cu	63	1	nogas	99.254	2.661	859661	2.39	100	99.3	80	120	
Zn	66	1	nogas	99.110	2.834	258915	2.02	100	99.1	80	120	
Se	77	1	nogas	126.478	1.817	19457	2.83	100	126.5	80	120	
Se	82	1	nogas	105.954	1.070	18233	2.39	100	106.0	80	120	
Sr	88	1	nogas	103.147	1.559	2560202	2.27	100	103.1	80	120	
Mo	95	1	nogas	1865.823	0.809	9322271	1.08	100	1865.8	80	120	ICSB Main CR1 Failed
Ag	107	1	nogas	119.414	1.327	1341496	1.68	100	119.4	80	120	
Cd	111	1	nogas	100.104	0.758	248513	1.59	100	100.1	80	120	
Sn	118	1	nogas	100.236	0.519	757344	1.58	100	100.2	80	120	
Sb	121	1	nogas	108.214	2.578	1042232	2.01	100	108.2	80	120	
Ba	137	1	nogas	100.146	1.671	415204	1.50	100	100.1	80	120	
Tl	205	1	nogas	99.865	2.877	1981786	1.45	100	99.9	80	120	
Pb	208	1	nogas	100.276	3.446	2816445	2.37	100	100.3	80	120	
U	238	1	nogas	101.664	2.815	3268380	1.46	100	101.7	80	120	
Si	28	1	nogas	5015.025	2.572	3309530	1.16	100	5015.0	80	120	ICSB Main CR1 Failed
Na	23	2	He	108560.110	0.583	115713895	0.48	100	108560.1	80	120	
Mg	24	2	He	108029.410	0.838	73115294	0.36	100	108029.4	80	120	
Al	27	2	He	87711.073	0.715	46503326	1.03	100	87711.1	80	120	ICSB Main CR1 Failed
K	39	2	He	107434.900	0.407	106207262	1.00	100	107434.9	80	120	
Ca	43	2	He	105540.813	0.899	328373	1.71	100	105540.8	80	120	
Ca	44	2	He	103267.179	1.224	5358295	1.61	100	103267.2	80	120	
V	51	2	He	101.432	0.581	641119	1.33	100	101.4	80	120	
Cr	52	2	He	103.351	0.843	679379	0.92	100	103.4	80	120	
Mn	55	2	He	99.893	0.652	551918	0.35	100	99.9	80	120	
Fe	56	2	He	110424.992	0.998	625291697	0.60	100	110425.0	80	120	
Co	59	2	He	102.688	0.897	922895	0.90	100	102.7	80	120	
Ni	60	2	He	100.238	1.192	226245	1.42	100	100.2	80	120	
Cu	63	2	He	99.565	0.733	570498	0.44	100	99.6	80	120	
Zn	66	2	He	100.996	1.820	129402	1.99	100	101.0	80	120	
As	75	2	He	102.391	0.166	104315	0.93	100	102.4	80	120	
Sb	121	2	He	102.837	0.768	666691	1.41	100	102.8	80	120	
Se	78	2	He	106.454	0.090	11346	0.92	100	106.5	80	120	
Ti	47	2	He	2021.621	0.883	551535	1.73	100	2021.6	80	120	

QC ISTD Table

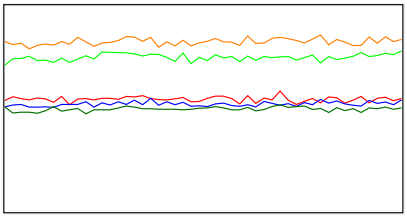
Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1945866	1.85	1905656	102.11	70	120	
In	115	1	nogas	2063605	1.28	2034779	101.42	70	120	
Li	6	1	nogas	574064	0.83	676732	84.83	70	120	
Bi	209	1	nogas	1689984	1.62	1711742	98.73	70	120	
Ge	72	2	He	768758	0.85	825316	93.15	70	120	

Tune Check Report

Operator Name	ALSHS NoUser
Acq/Data Batch	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq. Date-Time	1/26/2021 9:56:17 AM
Report Comment	---
Instrument Name	G3281A JP11080910

[nogas]

Sensitivity



Sampling Period [sec]	0.514
Integration Time [sec]	0.1

Mass	Range	Count	Resp [cps/ug/l]	Resp (Required) [cps/ug/l]	Resp (Flag)
9	10000	5465	54649.40		
24	20000	14998	149983.15		
59	50000	26120	261196.20		
115	50000	41272	412717.96		
208	50000	24916	249162.75		

Mass	Resp Ratio	Resp Ratio (Required)	Resp Ratio (Flag)
9		-	
24		-	
59		-	
115		-	
208		-	

Mass	RSD%	RSD% (Required)	RSD% (Flag)
9	2.346	5.000	
24	2.151	5.000	
59	2.084	5.000	
115	1.944	5.000	
208	1.979	5.000	

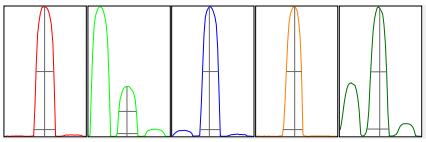
Mass	Background	Background (Required)	Background (Flag)
9	1.500		
24	0.300		
59	1.100		
115	1.700		
208	2.900		

Oxide/Doubly Charged Ratio

Oxide	156 / 140 0.708 %
Doubly Charged	70 / 140 1.020 %

Tune Check Report

Resolution/Axis



Integration Time [sec]	0.1
Acquisition Time [sec]	37.4
Y Axis	Linear

Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	5461.06	9.00	8.90 - 9.10	
24	14834.21	23.95	23.90 - 24.10	
59	26363.62	58.90	58.90 - 59.10	
115	41534.98	114.95	114.90 - 115.10	
208	24739.72	208.00	207.90 - 208.10	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.64	0.783		
24	0.64	0.757		
59	0.58	0.734		
115	0.56	0.719		
208	0.58	0.807		

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.60 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	---
RF Matching	1.70 V	Nebulizer Pump	0.10 rps	Plasma Gas	---
Sample Depth	8.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.0 V	Deflect	10.0 V
Extract 2	-200.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9990	QP Bias	-3.0 V
Mass Offset	127	Axis Offset	0.07		

Hardware Settings

Torch

Torch H	0.0 mm	Torch V	0.2 mm		

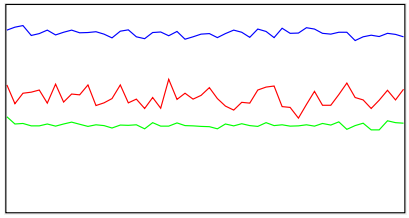
EM

Discriminator	4.5 mV	Analog HV	1565 V	Pulse HV	1217 V

[He]

Tune Check Report

Sensitivity



Sampling Period [sec]	0.306
Integration Time [sec]	0.1

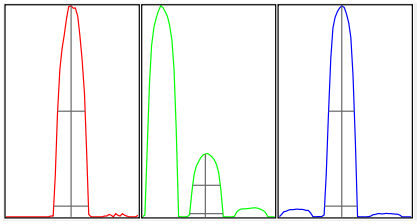
Mass	Range	Count	Resp [cps/ug/l]	Resp (Required) [cps/ug/l]	Resp (Flag)
9	500	277	2768.60		
24	5000	2099	20994.44		
59	20000	17306	173059.96		

Mass	Resp Ratio	Resp Ratio (Required)	Resp Ratio (Flag)
9		-	
24		-	
59		-	

Mass	RSD%	RSD% (Required)	RSD% (Flag)
9	7.460	5.000	Fail
24	2.693	5.000	
59	1.841	5.000	

Mass	Background	Background (Required)	Background (Flag)
9			
24			
59			

Resolution/Axis



Integration Time [sec]	0.1
Acquisition Time [sec]	22.24
Y Axis	Linear

Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	276.53	9.00	8.90 - 9.10	
24	2115.99	23.95	23.90 - 24.10	
59	17287.12	58.95	58.90 - 59.10	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.782		
24	0.62	0.742		
59	0.57	0.732		

Tune Parameters

Plasma Parameters

Tune Check Report

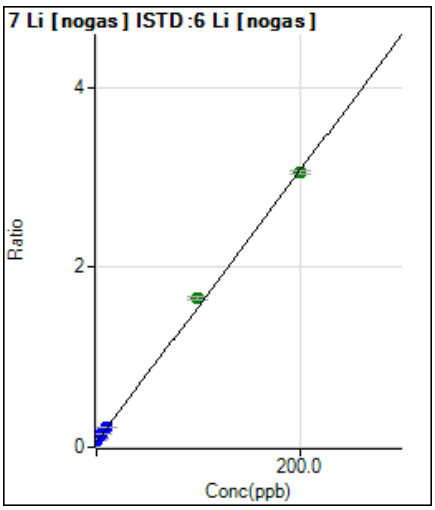
Plasma Mode	---	Nebulizer Gas	0.60 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	---
RF Matching	1.70 V	Nebulizer Pump	0.10 rps	Plasma Gas	---
Sample Depth	8.0 mm	S/C Temp	2 °C		
Lens Parameters					
Extract 1	0.0 V	Omega Lens	8.0 V	Deflect	2.0 V
Extract 2	-200.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-60 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.2 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	190 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9990	QP Bias	-13.0 V
Mass Offset	127	Axis Offset	0.07		
Hardware Settings					
Torch					
Torch H	0.0 mm	Torch V	0.2 mm		
EM					
Discriminator	4.5 mV	Analog HV	1565 V	Pulse HV	1217 V

Calibration for 161_ICV.d

Batch Folder:	C:\Agilent\ICPMH\1\DATA\012721A.b\
Analysis File:	012721A.batch.bin
DA Date-Time:	1/27/2021 8:13:35 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	

Level	Standard Data File	Sample Name	Acq. Date-Time
1	152CALB.d	CAL BLK	1/27/2021 7:46:09 PM
2	153CALS.d	2/10/200	1/27/2021 7:48:10 PM
3	154CALS.d	5/25/500	1/27/2021 7:50:12 PM
4	155CALS.d	10/50/1000	1/27/2021 7:52:13 PM
5	156CALS.d	100/500/10K	1/27/2021 7:54:14 PM
6	159CALS.d	200/1000/20K	1/27/2021 8:01:35 PM
7			

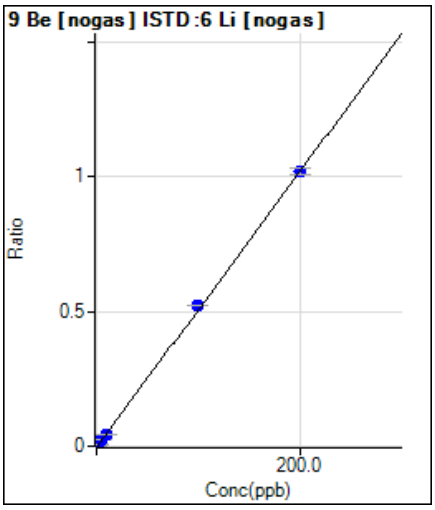
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	74422.12	0.0743	P	1.3	
2	☐	2.000	1.791	102080.03	0.1013	P	1.5	-10.4
3	☐	5.000	4.583	146499.75	0.1434	P	0.6	-8.3
4	☐	10.000	9.487	221285.78	0.2174	P	0.7	-5.1
5	☐	100.000	104.858	1467573.99	1.6560	A	1.5	4.9
6	☐	200.000	197.609	2681353.40	3.0551	A	1.2	-1.2
7	☐	1.000						

y = 0.0151 * x + 0.0743
R = 0.9996
DL = 0.1901 ppb
BEC = 4.925 ppb

Weight: <None>
Min Conc: <None>

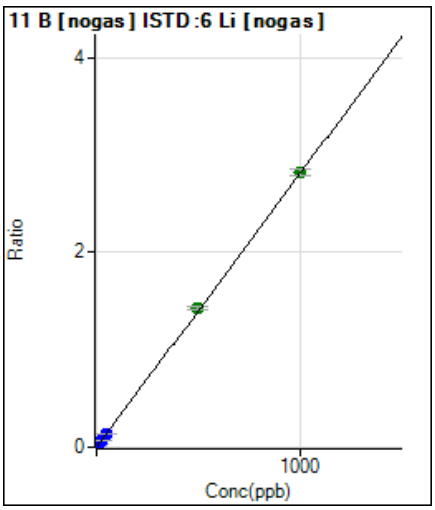


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	28.33	0.0000	P	36.8	
2	☐	2.000	1.765	9145.55	0.0091	P	1.0	-11.7
3	☐	5.000	4.356	22840.24	0.0224	P	1.2	-12.9
4	☐	10.000	8.852	46220.13	0.0454	P	2.5	-11.5
5	☐	100.000	102.140	464122.08	0.5237	P	0.3	2.1
6	☐	200.000	199.006	895145.97	1.0203	P	2.8	-0.5
7	☐	1.000						

y = 0.0051 * x + 2.8298E-005
R = 0.9999
DL = 0.006095 ppb
BEC = 0.005519 ppb

Weight: <None>
Min Conc: <None>

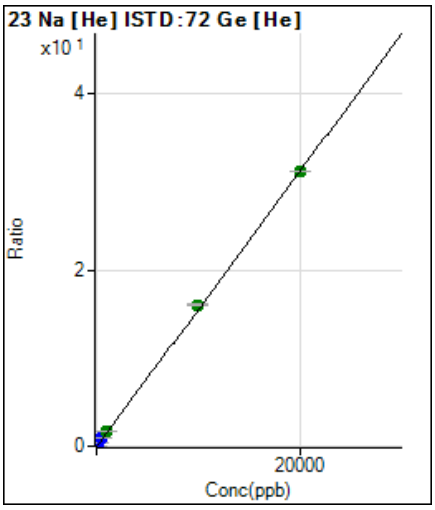
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13606.55	0.0136	P	2.3	
2	☐	10.000	8.939	39017.72	0.0387	P	2.4	-10.6
3	☐	25.000	22.015	77128.19	0.0755	P	0.9	-11.9
4	☐	50.000	45.850	145108.40	0.1426	P	2.3	-8.3
5	☐	500.000	501.756	1262893.44	1.4250	A	1.9	0.4
6	☐	1000.000	999.415	2479386.01	2.8250	A	2.2	-0.1
7	☐	5.000						

y = 0.0028 * x + 0.0136
R = 1.0000
DL = 0.3326 ppb
BEC = 4.829 ppb

Weight: <None>
Min Conc: <None>

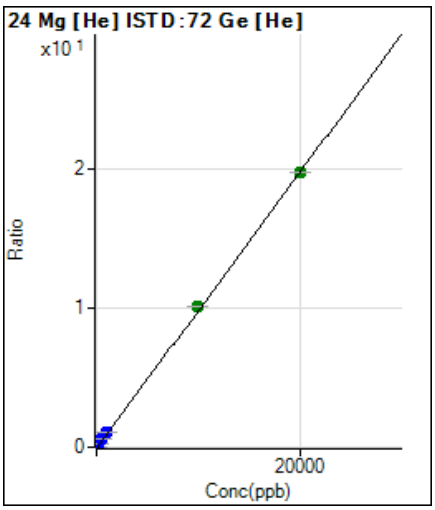


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	53789.12	0.0567	P	2.3	
2	☐	200.000	219.295	381417.98	0.4000	P	1.5	9.6
3	☐	500.000	537.953	866806.42	0.8988	P	1.0	7.6
4	☐	1000.000	1035.121	1613058.15	1.6771	A	2.8	3.5
5	☐	10000.00	10206.54	15057084.78	16.0341	A	0.8	2.1
6	☐	20000.00	19893.82	29273202.07	31.1986	A	0.6	-0.5
7	☐	100.000						

y = 0.0016 * x + 0.0567
R = 0.9999
DL = 2.46 ppb
BEC = 36.22 ppb

Weight: <None>
Min Conc: <None>

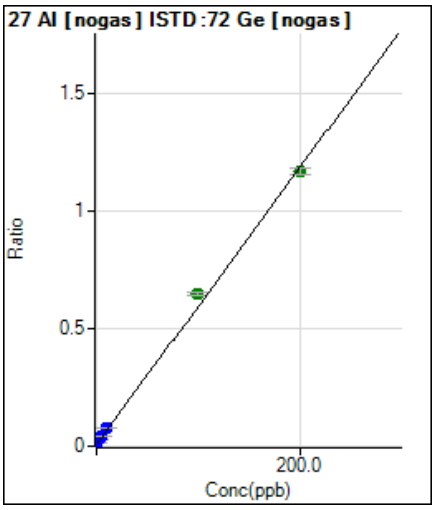
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	703.36	0.0007	P	8.4	
2	☐	200.000	222.296	210718.28	0.2210	P	1.4	11.1
3	☐	500.000	548.011	524302.92	0.5437	P	1.5	9.6
4	☐	1000.000	1097.269	1046369.18	1.0879	P	0.6	9.7
5	☐	10000.00	10208.99	9498612.77	10.1152	A	0.1	2.1
6	☐	20000.00	19889.21	18489156.39	19.7059	A	0.6	-0.6
7	☐	100.000						

y = 9.9074E-004 * x + 7.4107E-004
R = 0.9999
DL = 0.1889 ppb
BEC = 0.748 ppb

Weight: <None>
Min Conc: <None>

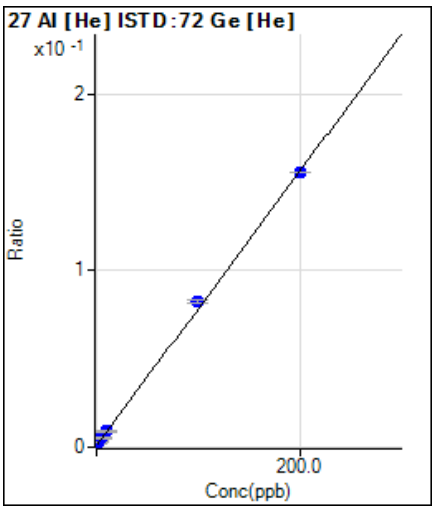


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	27536.84	0.0135	P	2.8	
2	☐	2.000	2.269	56674.53	0.0269	P	2.7	13.4
3	☐	5.000	5.422	96885.71	0.0455	P	1.0	8.4
4	☐	10.000	11.286	169009.93	0.0800	P	1.3	12.9
5	☐	100.000	107.670	1370476.96	0.6482	A	1.7	7.7
6	☐	200.000	196.088	2479044.91	1.1693	A	1.9	-2.0
7	☐	1.000						

y = 0.0059 * x + 0.0135
R = 0.9990
DL = 0.1899 ppb
BEC = 2.29 ppb

Weight: <None>
Min Conc: <None>

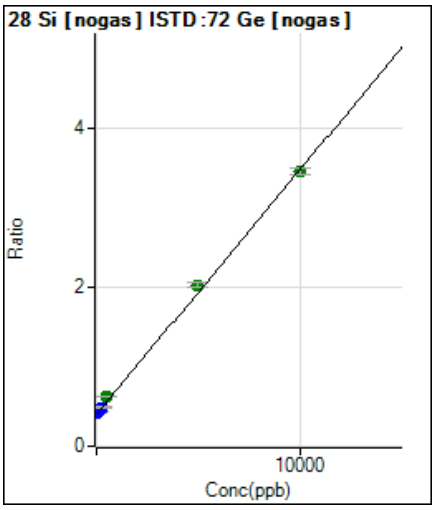
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1573.43	0.0017	P	13.3	
2	☐	2.000	2.074	3123.64	0.0033	P	8.2	3.7
3	☐	5.000	4.805	5207.47	0.0054	P	8.8	-3.9
4	☐	10.000	9.513	8722.15	0.0091	P	6.8	-4.9
5	☐	100.000	104.094	77701.66	0.0827	P	2.2	4.1
6	☐	200.000	197.981	146240.42	0.1559	P	0.5	-1.0
7	☐	1.000						

y = 7.7888E-004 * x + 0.0017
R = 0.9997
DL = 0.8499 ppb
BEC = 2.131 ppb

Weight: <None>
Min Conc: <None>

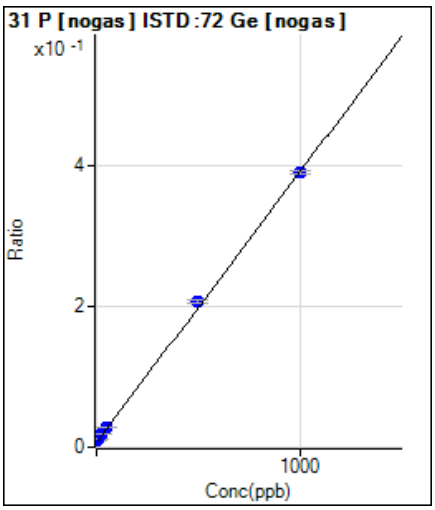


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	858770.64	0.4209	P	1.3	
2	☐	100.000	60.251	926939.52	0.4394	P	2.1	-39.7
3	☐	250.000	218.166	1040136.42	0.4880	P	1.0	-12.7
4	☐	500.000	668.671	1323749.10	0.6268	A	0.9	33.7
5	☐	5000.000	5232.164	4295998.27	2.0320	A	2.6	4.6
6	☐	10000.00	9876.678	7339108.02	3.4622	A	2.7	-1.2
7	☐	50.000						

y = 3.0793E-004 * x + 0.4209
R = 0.9995
DL = 54.33 ppb
BEC = 1367 ppb

Weight: <None>
Min Conc: <None>

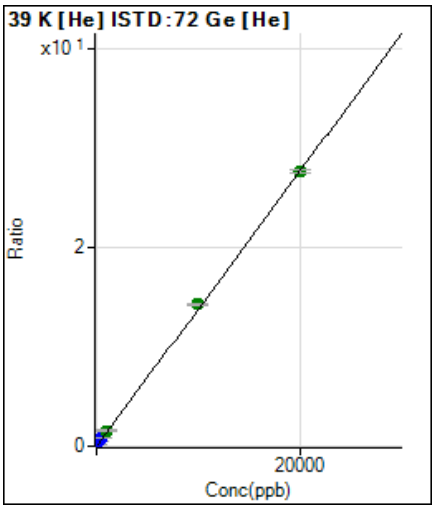
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	17878.64	0.0088	P	3.8	
2	☐	10.000	9.687	26335.26	0.0125	P	2.4	-3.1
3	☐	25.000	24.291	38549.40	0.0181	P	3.1	-2.8
4	☐	50.000	52.011	60693.75	0.0287	P	0.4	4.0
5	☐	500.000	514.280	436045.75	0.2062	P	1.9	2.9
6	☐	1000.000	992.781	826772.93	0.3900	P	1.7	-0.7
7	☐	5.000						

y = 3.8397E-004 * x + 0.0088
R = 0.9999
DL = 2.624 ppb
BEC = 22.82 ppb

Weight: <None>
Min Conc: <None>

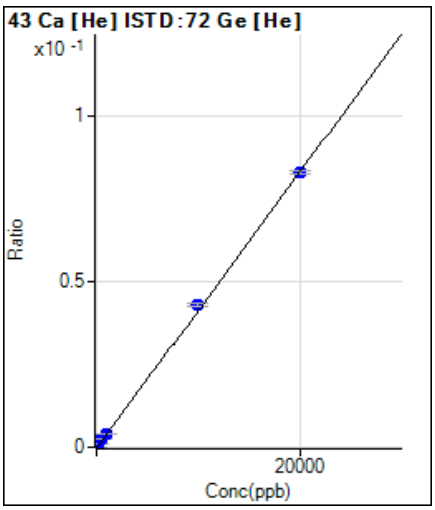


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	114234.71	0.1204	P	1.2	
2	☐	200.000	220.429	406227.69	0.4259	P	0.5	10.2
3	☐	500.000	536.066	832666.60	0.8634	P	1.6	7.2
4	☐	1000.000	1049.467	1514971.70	1.5751	A	1.4	4.9
5	☐	10000.00	10231.14	13429674.38	14.3015	A	0.9	2.3
6	☐	20000.00	19880.85	25969713.78	27.6768	A	1.1	-0.6
7	☐	100.000						

y = 0.0014 * x + 0.1204
R = 0.9999
DL = 3.137 ppb
BEC = 86.88 ppb

Weight: <None>
Min Conc: <None>

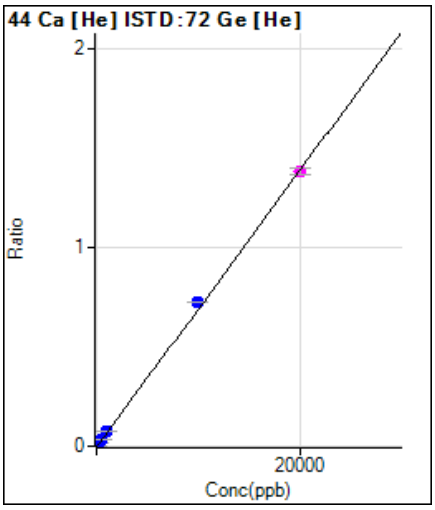
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	90.00	0.0001	P	29.0	
2	☐	200.000	203.598	900.04	0.0009	P	4.6	1.8
3	☐	500.000	525.354	2203.50	0.0023	P	1.4	5.1
4	☐	1000.000	959.295	3937.14	0.0041	P	5.3	-4.1
5	☐	10000.00	10272.52	40293.73	0.0429	P	2.3	2.7
6	☐	20000.00	19865.10	77787.45	0.0829	P	1.6	-0.7
7	☐	100.000						

y = 4.1684E-006 * x + 9.4818E-005
R = 0.9999
DL = 19.82 ppb
BEC = 22.75 ppb

Weight: <None>
Min Conc: <None>

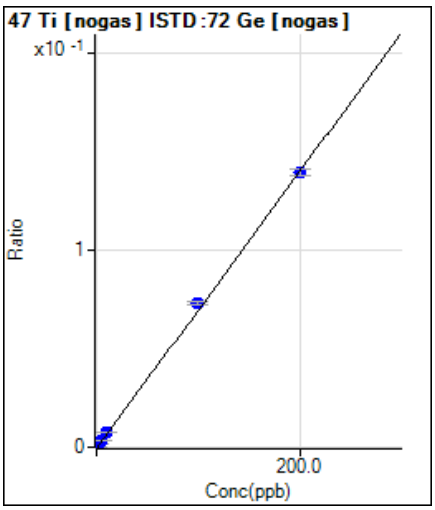


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1300.07	0.0014	P	18.8	
2	☐	200.000	210.413	15283.09	0.0160	P	0.3	5.2
3	☐	500.000	506.168	35317.09	0.0366	P	2.7	1.2
4	☐	1000.000	1019.950	69642.77	0.0724	P	2.3	2.0
5	☐	10000.00	10368.28	679345.09	0.7235	P	0.7	3.7
6	☐	20000.00	19814.60	1296277.48	1.3813	M	2.3	-0.9
7	☐	100.000						

y = 6.9644E-005 * x + 0.0014
R = 0.9998
DL = 11.1 ppb
BEC = 19.69 ppb

Weight: <None>
Min Conc: <None>

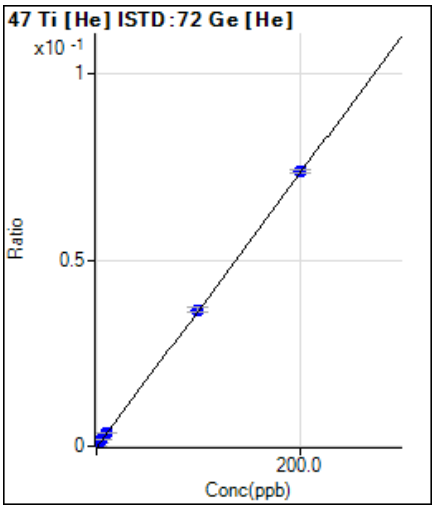
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	120.00	0.0001	P	20.9	
2	☐	2.000	1.994	3080.31	0.0015	P	9.2	-0.3
3	☐	5.000	4.954	7551.65	0.0035	P	7.8	-0.9
4	☐	10.000	10.430	15616.79	0.0074	P	4.1	4.3
5	☐	100.000	103.768	154398.74	0.0730	P	3.2	3.8
6	☐	200.000	198.096	295470.41	0.1394	P	2.9	-1.0
7	☐	1.000						

y = 7.0328E-004 * x + 5.8692E-005
R = 0.9997
DL = 0.05224 ppb
BEC = 0.08345 ppb

Weight: <None>
Min Conc: <None>

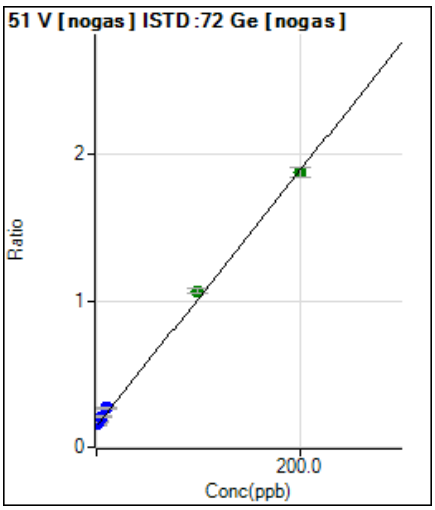


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10.00	0.0000	P	99.6	
2	☐	2.000	2.039	726.70	0.0008	P	9.5	2.0
3	☐	5.000	4.948	1770.11	0.0018	P	8.1	-1.0
4	☐	10.000	9.762	3473.71	0.0036	P	9.3	-2.4
5	☐	100.000	99.231	34378.72	0.0366	P	3.5	-0.8
6	☐	200.000	200.397	69358.66	0.0739	P	1.4	0.2
7	☐	1.000						

y = 3.6879E-004 * x + 1.0543E-005
R = 1.0000
DL = 0.08539 ppb
BEC = 0.02859 ppb

Weight: <None>
Min Conc: <None>

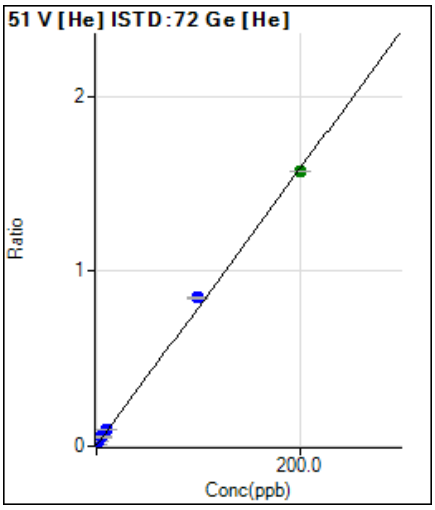
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	312007.74	0.1529	P	2.3	
2	☐	2.000	2.411	367007.26	0.1740	P	1.7	20.5
3	☐	5.000	6.433	445672.99	0.2091	P	0.8	28.7
4	☐	10.000	13.138	565280.47	0.2677	P	1.6	31.4
5	☐	100.000	104.665	2255945.33	1.0671	A	2.8	4.7
6	☐	200.000	197.471	3979710.77	1.8776	A	3.5	-1.3
7	☐	1.000						

y = 0.0087 * x + 0.1529
R = 0.9996
DL = 1.216 ppb
BEC = 17.51 ppb

Weight: <None>
Min Conc: <None>

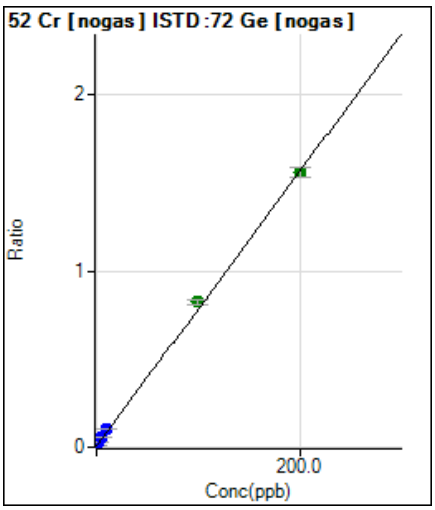


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10814.28	0.0114	P	0.9	
2	☐	2.000	2.102	26742.47	0.0280	P	0.5	5.1
3	☐	5.000	5.168	50451.25	0.0523	P	1.2	3.4
4	☐	10.000	10.465	90655.16	0.0942	P	0.8	4.7
5	☐	100.000	105.868	797710.53	0.8495	P	0.8	5.9
6	☐	200.000	197.038	1474297.65	1.5713	A	0.3	-1.5
7	☐	1.000						

y = 0.0079 * x + 0.0114
R = 0.9994
DL = 0.04048 ppb
BEC = 1.44 ppb

Weight: <None>
Min Conc: <None>

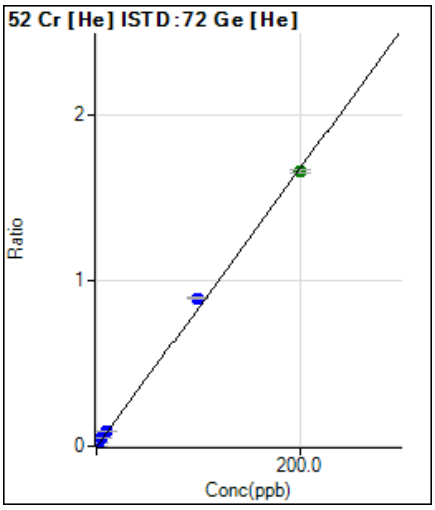
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	26973.11	0.0132	P	1.5	
2	☐	2.000	2.159	63468.16	0.0301	P	1.1	7.9
3	☐	5.000	5.507	119850.15	0.0562	P	0.9	10.1
4	☐	10.000	11.138	211649.96	0.1002	P	2.2	11.4
5	☐	100.000	103.827	1742526.80	0.8242	A	3.2	3.8
6	☐	200.000	198.015	3306617.56	1.5600	A	3.0	-1.0
7	☐	1.000						

y = 0.0078 * x + 0.0132
R = 0.9997
DL = 0.07504 ppb
BEC = 1.692 ppb

Weight: <None>
Min Conc: <None>

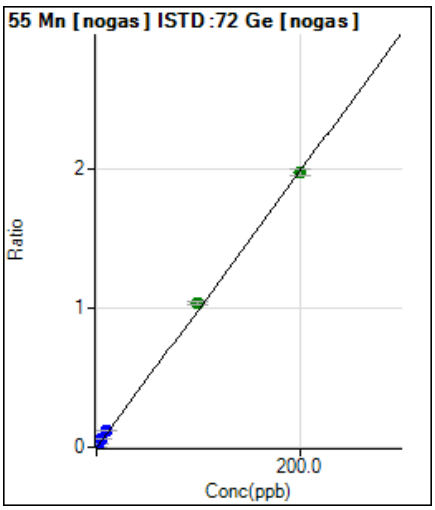


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3187.00	0.0034	P	4.0	
2	☐	2.000	2.154	20461.48	0.0215	P	4.3	7.7
3	☐	5.000	5.213	45492.57	0.0472	P	2.1	4.3
4	☐	10.000	10.394	87257.06	0.0907	P	0.7	3.9
5	☐	100.000	105.975	839547.23	0.8941	P	0.5	6.0
6	☐	200.000	196.986	1556480.19	1.6590	A	1.6	-1.5
7	☐	1.000						

y = 0.0084 * x + 0.0034
R = 0.9994
DL = 0.04762 ppb
BEC = 0.3996 ppb

Weight: <None>
Min Conc: <None>

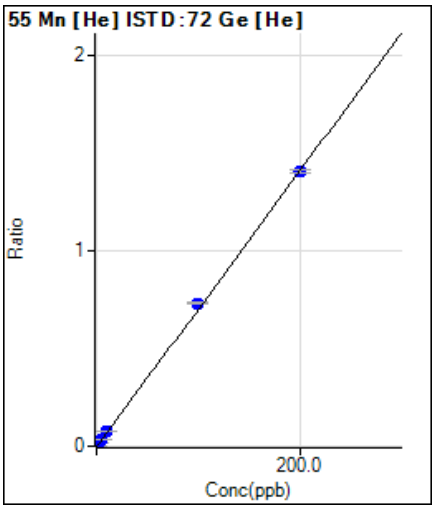
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	11230.25	0.0055	P	0.5	
2	☐	2.000	2.213	58157.92	0.0276	P	3.9	10.7
3	☐	5.000	5.305	124534.15	0.0584	P	1.0	6.1
4	☐	10.000	10.993	243199.63	0.1152	P	1.4	9.9
5	☐	100.000	103.668	2198079.60	1.0396	A	2.4	3.7
6	☐	200.000	198.107	4200703.79	1.9816	A	3.0	-0.9
7	☐	1.000						

y = 0.0100 * x + 0.0055
R = 0.9998
DL = 0.008082 ppb
BEC = 0.5517 ppb

Weight: <None>
Min Conc: <None>

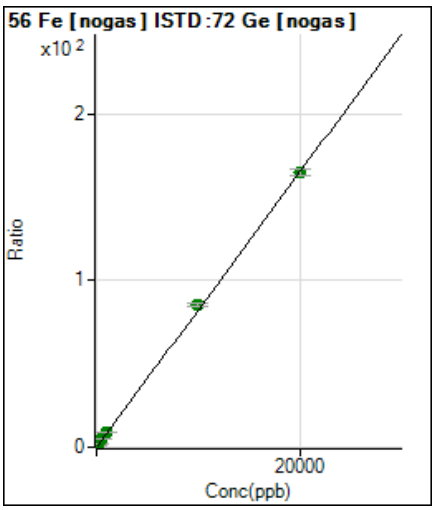


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1973.47	0.0021	P	7.3	
2	☐	2.000	2.046	15810.23	0.0166	P	2.3	2.3
3	☐	5.000	4.972	35985.10	0.0373	P	0.5	-0.6
4	☐	10.000	10.084	70734.76	0.0735	P	0.9	0.8
5	☐	100.000	102.952	687035.64	0.7316	P	1.0	3.0
6	☐	200.000	198.520	1321978.08	1.4089	P	1.1	-0.7
7	☐	1.000						

y = 0.0071 * x + 0.0021
R = 0.9998
DL = 0.0647 ppb
BEC = 0.2934 ppb

Weight: <None>
Min Conc: <None>

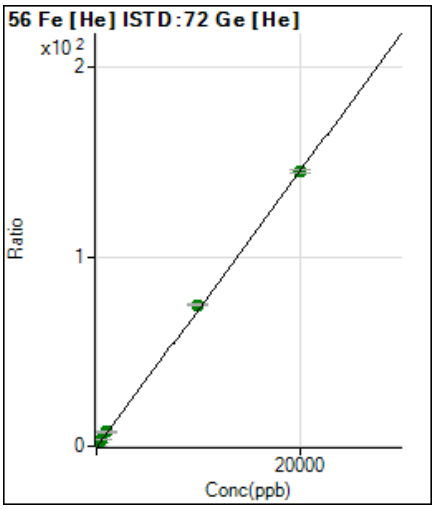
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1376823.68	0.6747	A	1.6	
2	☐	200.000	205.103	5008191.80	2.3735	A	0.3	2.6
3	☐	500.000	505.381	10360092.14	4.8607	A	0.7	1.1
4	☐	1000.000	1033.701	19507100.54	9.2366	A	1.5	3.4
5	☐	10000.00	10280.31	181446697.3	85.8241	A	2.6	2.8
6	☐	20000.00	19857.97	350140314.7	165.153	A	1.9	-0.7
7	☐	100.000						

y = 0.0083 * x + 0.6747
R = 0.9999
DL = 3.921 ppb
BEC = 81.46 ppb

Weight: <None>
Min Conc: <None>

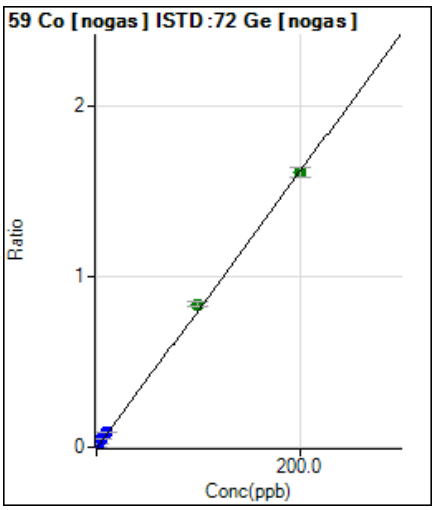


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	21833.10	0.0230	P	4.2	
2	☐	200.000	215.648	1523545.81	1.5977	A	1.7	7.8
3	☐	500.000	513.465	3638142.66	3.7725	A	1.2	2.7
4	☐	1000.000	1017.758	7170649.48	7.4550	A	0.9	1.8
5	☐	10000.00	10218.70	70091598.95	74.6428	A	0.6	2.2
6	☐	20000.00	19889.26	136295284.6	145.259	A	1.1	-0.6
7	☐	100.000						

y = 0.0073 * x + 0.0230
R = 0.9999
DL = 0.3935 ppb
BEC = 3.152 ppb

Weight: <None>
Min Conc: <None>

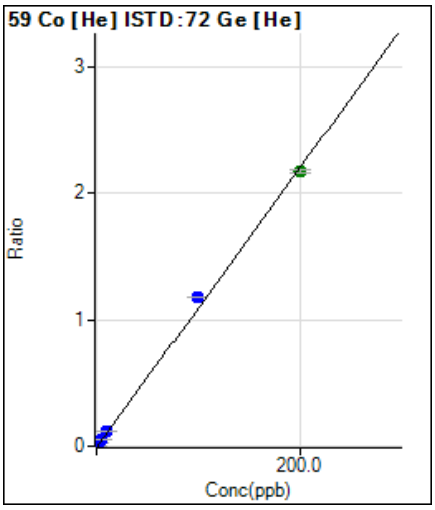
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	263.34	0.0001	P	47.6	
2	☐	2.000	2.260	39088.25	0.0185	P	2.7	13.0
3	☐	5.000	5.538	96369.92	0.0452	P	0.7	10.8
4	☐	10.000	11.170	192316.29	0.0911	P	1.5	11.7
5	☐	100.000	103.229	1776921.12	0.8405	A	2.5	3.2
6	☐	200.000	198.311	3422198.49	1.6145	A	3.0	-0.8
7	☐	1.000						

y = 0.0081 * x + 1.2874E-004
R = 0.9998
DL = 0.02259 ppb
BEC = 0.01581 ppb

Weight: <None>
Min Conc: <None>

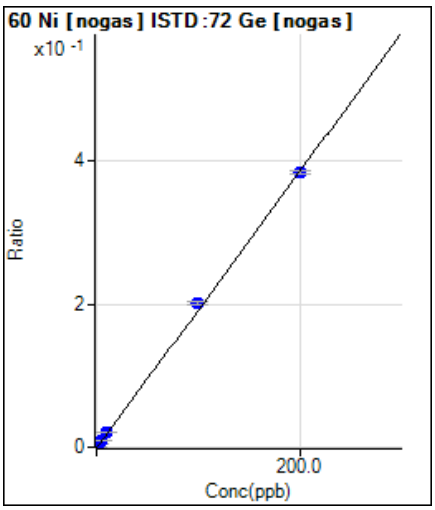


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	146.67	0.0002	P	16.1	
2	☐	2.000	2.100	22263.71	0.0233	P	1.1	5.0
3	☐	5.000	5.291	56513.05	0.0586	P	0.2	5.8
4	☐	10.000	10.593	112704.65	0.1172	P	0.2	5.9
5	☐	100.000	107.066	1110721.60	1.1828	P	0.0	7.1
6	☐	200.000	196.429	2036010.91	2.1700	A	0.9	-1.8
7	☐	1.000						

y = 0.0110 * x + 1.5466E-004
R = 0.9991
DL = 0.006757 ppb
BEC = 0.014 ppb

Weight: <None>
Min Conc: <None>

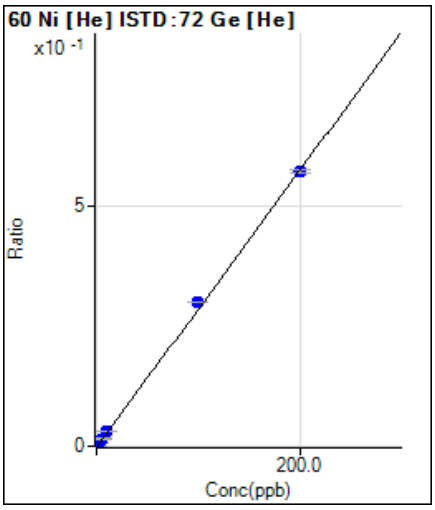
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	613.36	0.0003	P	9.4	
2	☐	2.000	2.113	9285.83	0.0044	P	4.9	5.6
3	☐	5.000	5.040	21482.83	0.0101	P	0.9	0.8
4	☐	10.000	10.512	43708.57	0.0207	P	0.6	5.1
5	☐	100.000	103.788	426312.22	0.2016	P	2.5	3.8
6	☐	200.000	198.078	815436.19	0.3846	P	0.9	-1.0
7	☐	1.000						

y = 0.0019 * x + 3.0034E-004
R = 0.9997
DL = 0.04345 ppb
BEC = 0.1548 ppb

Weight: <None>
Min Conc: <None>

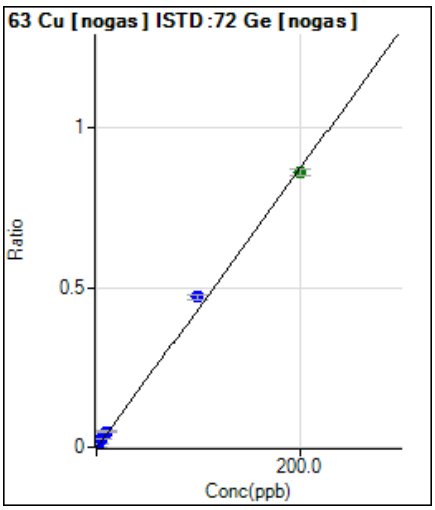


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	333.34	0.0004	P	23.4	
2	☐	2.000	2.088	6094.44	0.0064	P	6.7	4.4
3	☐	5.000	5.136	14669.38	0.0152	P	5.5	2.7
4	☐	10.000	10.379	29230.08	0.0304	P	3.1	3.8
5	☐	100.000	103.732	282231.26	0.3006	P	0.7	3.7
6	☐	200.000	198.111	538283.61	0.5737	P	0.8	-0.9
7	☐	1.000						

y = 0.0029 * x + 3.5098E-004
R = 0.9998
DL = 0.08531 ppb
BEC = 0.1213 ppb

Weight: <None>
Min Conc: <None>

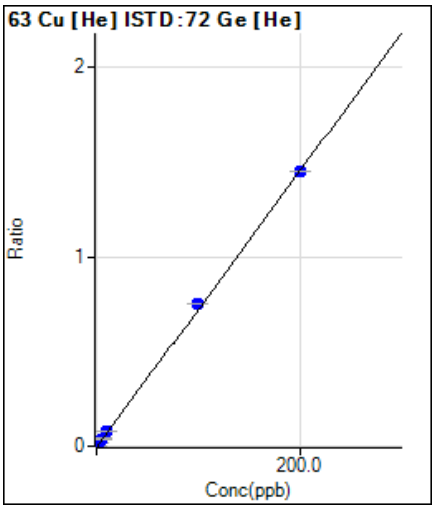
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1616.77	0.0008	P	19.5	
2	☐	2.000	2.195	21970.01	0.0104	P	1.9	9.8
3	☐	5.000	5.377	51913.18	0.0244	P	2.4	7.5
4	☐	10.000	11.008	103545.48	0.0490	P	2.2	10.1
5	☐	100.000	107.294	995644.52	0.4710	P	3.2	7.3
6	☐	200.000	196.291	1825403.10	0.8610	A	1.9	-1.9
7	☐	1.000						

y = 0.0044 * x + 7.9301E-004
R = 0.9991
DL = 0.1058 ppb
BEC = 0.181 ppb

Weight: <None>
Min Conc: <None>

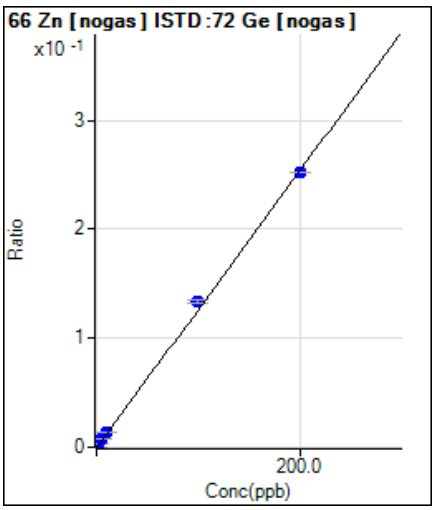


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	980.04	0.0010	P	14.7	
2	☐	2.000	2.061	15333.22	0.0161	P	1.7	3.1
3	☐	5.000	5.179	37455.24	0.0388	P	4.1	3.6
4	☐	10.000	10.297	73302.18	0.0762	P	0.6	3.0
5	☐	100.000	102.648	704698.35	0.7504	P	0.7	2.6
6	☐	200.000	198.656	1361792.22	1.4513	P	0.4	-0.7
7	☐	1.000						

y = 0.0073 * x + 0.0010
R = 0.9999
DL = 0.06249 ppb
BEC = 0.1414 ppb

Weight: <None>
Min Conc: <None>

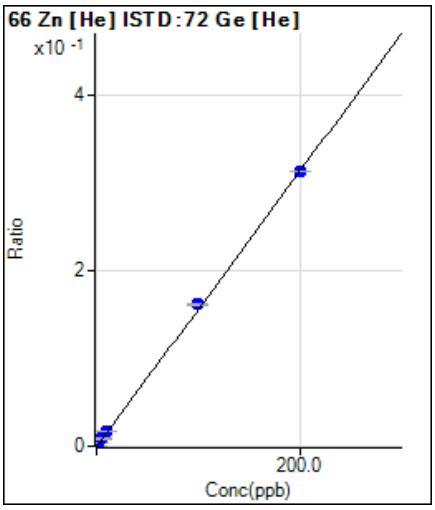
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	946.71	0.0005	P	15.1	
2	☐	2.000	2.005	6371.23	0.0030	P	1.8	0.3
3	☐	5.000	5.241	15216.50	0.0071	P	1.2	4.8
4	☐	10.000	10.664	29667.46	0.0140	P	1.7	6.6
5	☐	100.000	104.598	282661.43	0.1337	P	2.0	4.6
6	☐	200.000	197.662	534885.08	0.2522	P	0.2	-1.2
7	☐	1.000						

y = 0.0013 * x + 4.6452E-004
R = 0.9996
DL = 0.165 ppb
BEC = 0.3647 ppb

Weight: <None>
Min Conc: <None>

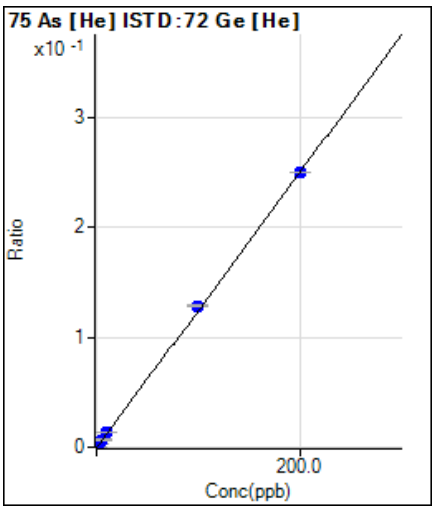


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	626.69	0.0007	P	5.9	
2	☐	2.000	1.940	3543.74	0.0037	P	6.1	-3.0
3	☐	5.000	5.050	8308.69	0.0086	P	2.9	1.0
4	☐	10.000	10.305	16250.78	0.0169	P	1.0	3.0
5	☐	100.000	102.344	152026.95	0.1619	P	1.1	2.3
6	☐	200.000	198.812	294490.35	0.3139	P	0.4	-0.6
7	☐	1.000						

y = 0.0016 * x + 6.6043E-004
R = 0.9999
DL = 0.07405 ppb
BEC = 0.4192 ppb

Weight: <None>
Min Conc: <None>

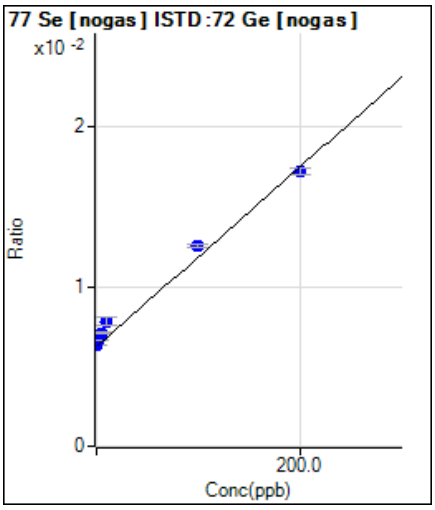
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	450.01	0.0005	P	8.6	
2	☐	2.000	1.944	2778.00	0.0029	P	3.3	-2.8
3	☐	5.000	5.020	6531.20	0.0068	P	1.7	0.4
4	☐	10.000	10.012	12537.66	0.0130	P	1.9	0.1
5	☐	100.000	102.188	120816.83	0.1287	P	1.5	2.2
6	☐	200.000	198.906	234577.28	0.2500	P	0.3	-0.5
7	☐	1.000						

y = 0.0013 * x + 4.7437E-004
R = 0.9999
DL = 0.09724 ppb
BEC = 0.3781 ppb

Weight: <None>
Min Conc: <None>

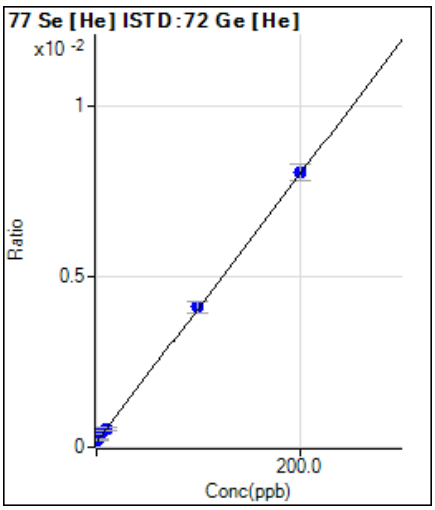


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	12894.73	0.0063	P	0.9	
2	☐	2.000	5.713	14012.27	0.0066	P	1.5	185.7
3	☐	5.000	13.693	15106.50	0.0071	P	2.0	173.9
4	☐	10.000	26.703	16510.99	0.0078	P	6.2	167.0
5	☐	100.000	110.211	26479.51	0.0125	P	1.4	10.2
6	☐	200.000	193.805	36503.51	0.0172	P	2.7	-3.1
7	☐	1.000						

y = 5.6252E-005 * x + 0.0063
R = 0.9961
DL = 2.883 ppb
BEC = 112.3 ppb

Weight: <None>
Min Conc: <None>

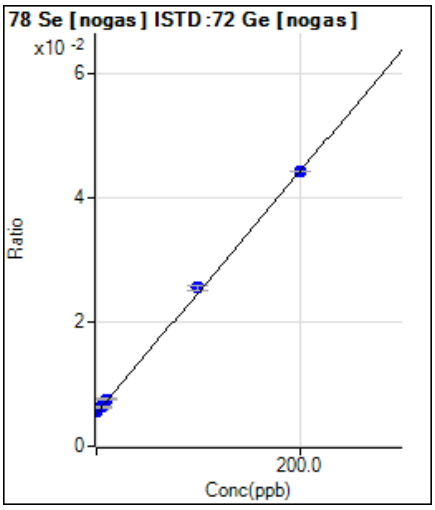
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	183.33	0.0002	P	2.8	
2	☐	2.000	0.875	216.67	0.0002	P	24.8	-56.2
3	☐	5.000	6.069	416.68	0.0004	P	20.3	21.4
4	☐	10.000	8.656	513.35	0.0005	P	11.7	-13.4
5	☐	100.000	99.791	3867.16	0.0041	P	8.1	-0.2
6	☐	200.000	200.156	7568.38	0.0081	P	6.2	0.1
7	☐	1.000						

y = 3.9321E-005 * x + 1.9324E-004
R = 0.9999
DL = 0.414 ppb
BEC = 4.914 ppb

Weight: <None>
Min Conc: <None>

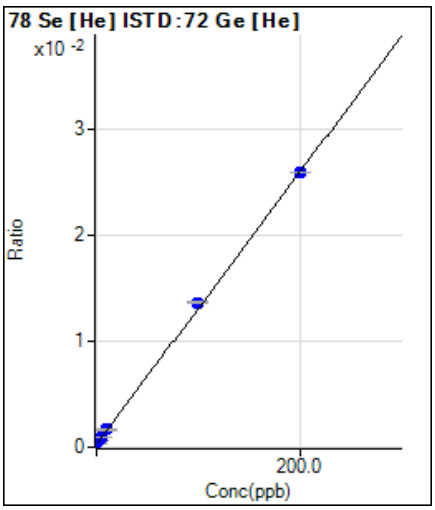


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	11316.99	0.0055	P	2.1	
2	☐	2.000	2.405	12691.28	0.0060	P	1.0	20.2
3	☐	5.000	4.349	13635.30	0.0064	P	4.0	-13.0
4	☐	10.000	10.266	15940.56	0.0075	P	4.0	2.7
5	☐	100.000	102.343	53943.39	0.0255	P	3.8	2.3
6	☐	200.000	198.827	94045.14	0.0443	P	0.5	-0.6
7	☐	1.000						

y = 1.9516E-004 * x + 0.0055
R = 0.9999
DL = 1.819 ppb
BEC = 28.42 ppb

Weight: <None>
Min Conc: <None>

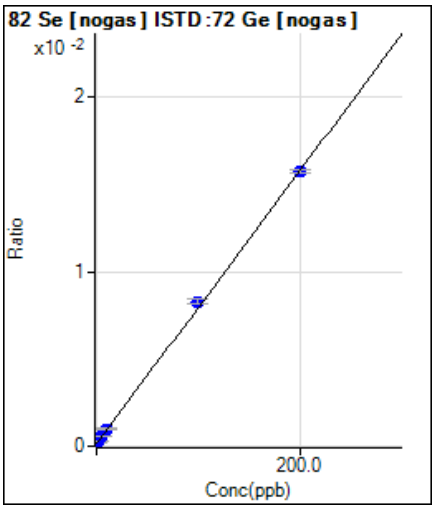
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	380.67	0.0004	P	9.5	
2	☐	2.000	1.830	606.68	0.0006	P	3.1	-8.5
3	☐	5.000	4.558	951.36	0.0010	P	2.4	-8.8
4	☐	10.000	9.908	1610.08	0.0017	P	5.5	-0.9
5	☐	100.000	102.785	12773.14	0.0136	P	1.3	2.8
6	☐	200.000	198.625	24312.83	0.0259	P	0.6	-0.7
7	☐	1.000						

y = 1.2844E-004 * x + 4.0111E-004
R = 0.9999
DL = 0.8936 ppb
BEC = 3.123 ppb

Weight: <None>
Min Conc: <None>

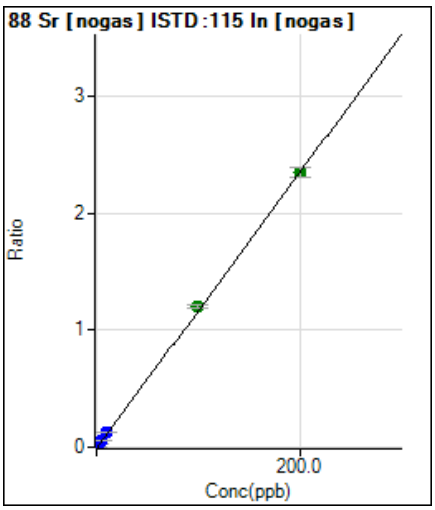


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	436.68	0.0002	P	22.4	
2	☐	2.000	1.238	656.69	0.0003	P	12.5	-38.1
3	☐	5.000	4.721	1243.40	0.0006	P	3.4	-5.6
4	☐	10.000	9.680	2050.16	0.0010	P	6.4	-3.2
5	☐	100.000	103.228	17528.72	0.0083	P	3.0	3.2
6	☐	200.000	198.417	33374.28	0.0157	P	1.0	-0.8
7	☐	1.000						

y = 7.8239E-005 * x + 2.1382E-004
R = 0.9998
DL = 1.839 ppb
BEC = 2.733 ppb

Weight: <None>
Min Conc: <None>

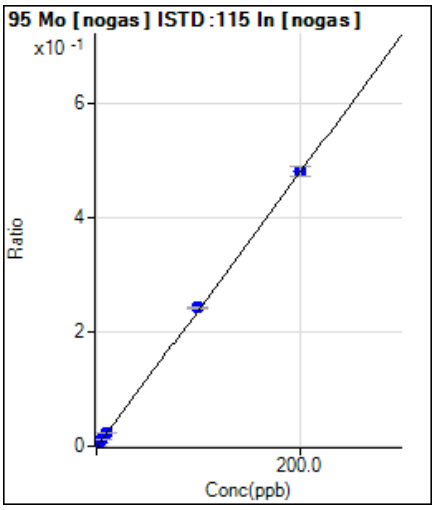
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	996.71	0.0005	P	10.7	
2	☐	2.000	2.125	52613.62	0.0256	P	2.0	6.2
3	☐	5.000	5.251	128863.36	0.0624	P	1.5	5.0
4	☐	10.000	10.626	258064.03	0.1259	P	0.2	6.3
5	☐	100.000	102.054	2425477.20	1.2045	A	2.0	2.1
6	☐	200.000	198.934	4674306.49	2.3474	A	4.0	-0.5
7	☐	1.000						

y = 0.0118 * x + 4.9314E-004
R = 0.9999
DL = 0.01343 ppb
BEC = 0.0418 ppb

Weight: <None>
Min Conc: <None>

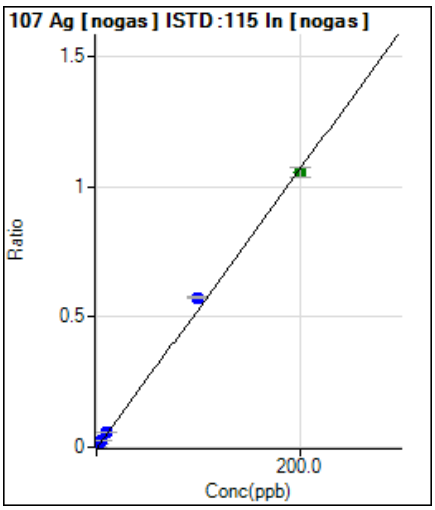


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	216.67	0.0001	P	43.8	
2	☐	2.000	1.887	9556.02	0.0046	P	1.6	-5.6
3	☐	5.000	4.802	24036.53	0.0116	P	3.7	-4.0
4	☐	10.000	9.793	48472.42	0.0236	P	1.5	-2.1
5	☐	100.000	100.483	486400.27	0.2416	P	2.3	0.5
6	☐	200.000	199.775	956345.14	0.4802	P	4.1	-0.1
7	☐	1.000						

y = 0.0024 * x + 1.0733E-004
R = 1.0000
DL = 0.05864 ppb
BEC = 0.04466 ppb

Weight: <None>
Min Conc: <None>

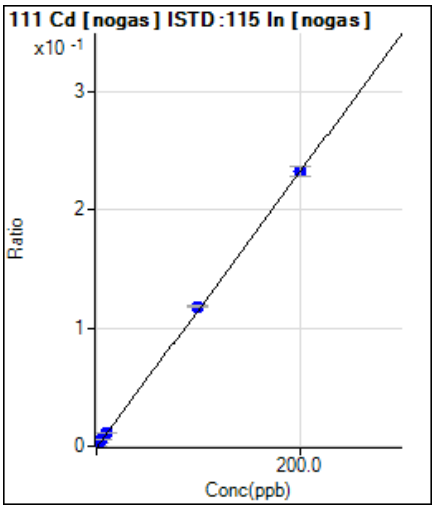
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	90.00	0.0000	P	37.9	
2	☐	2.000	2.072	23001.75	0.0112	P	1.9	3.6
3	☐	5.000	5.188	57603.48	0.0279	P	2.3	3.8
4	☐	10.000	10.641	117298.47	0.0572	P	1.1	6.4
5	☐	100.000	106.625	1153454.46	0.5728	P	1.1	6.6
6	☐	200.000	196.650	2104669.81	1.0565	A	3.4	-1.7
7	☐	1.000						

y = 0.0054 * x + 4.4401E-005
R = 0.9992
DL = 0.009392 ppb
BEC = 0.008265 ppb

Weight: <None>
Min Conc: <None>

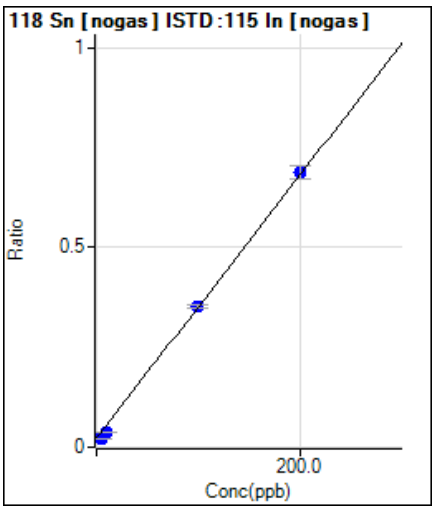


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10.00	0.0000	P	99.1	
2	☐	2.000	1.928	4637.35	0.0023	P	6.3	-3.6
3	☐	5.000	4.943	11910.83	0.0058	P	4.1	-1.1
4	☐	10.000	9.972	23846.40	0.0116	P	2.1	-0.3
5	☐	100.000	101.393	238003.04	0.1182	P	1.3	1.4
6	☐	200.000	199.307	462687.73	0.2323	P	4.1	-0.3
7	☐	1.000						

y = 0.0012 * x + 4.9052E-006
R = 1.0000
DL = 0.0125 ppb
BEC = 0.004208 ppb

Weight: <None>
Min Conc: <None>

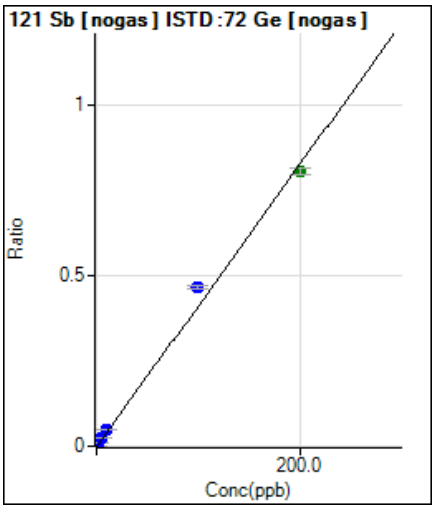
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	52615.45	0.0260	P	5.0	
2	☐	2.000	0.233	55166.32	0.0268	P	1.4	-88.3
3	☐	5.000	-1.730	41950.30	0.0203	P	1.4	-134.
4	☐	10.000	3.221	75143.56	0.0366	P	0.2	-67.8
5	☐	100.000	99.123	710207.96	0.3528	P	2.5	-0.9
6	☐	200.000	200.963	1370660.03	0.6884	P	4.8	0.5
7	☐	1.000						

y = 0.0033 * x + 0.0260
R = 0.9995
DL = 1.176 ppb
BEC = 7.897 ppb

Weight: <None>
Min Conc: <None>

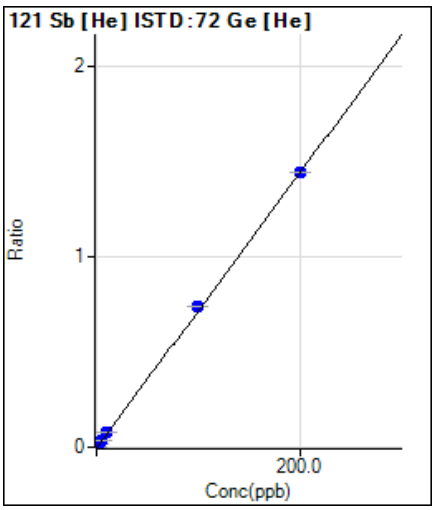


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3543.74	0.0017	P	6.0	
2	☐	2.000	2.224	23075.46	0.0109	P	3.8	11.2
3	☐	5.000	5.360	50980.81	0.0239	P	3.2	7.2
4	☐	10.000	11.142	101039.30	0.0479	P	3.6	11.4
5	☐	100.000	112.058	984199.88	0.4655	P	2.5	12.1
6	☐	200.000	193.903	1705288.57	0.8043	A	2.9	-3.0
7	☐	1.000						

y = 0.0041 * x + 0.0017
R = 0.9974
DL = 0.07506 ppb
BEC = 0.4196 ppb

Weight: <None>
Min Conc: <None>

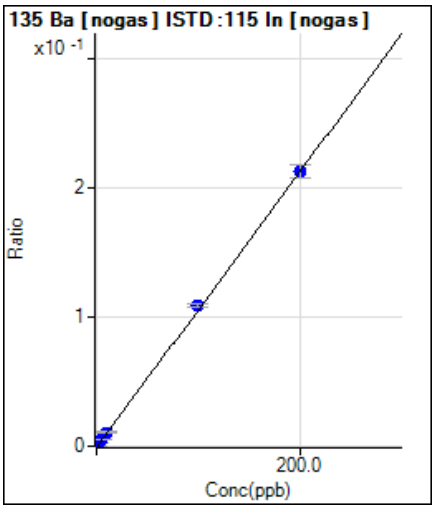
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2153.50	0.0023	P	8.3	
2	☐	2.000	1.995	15917.45	0.0167	P	2.2	-0.2
3	☐	5.000	4.734	35192.13	0.0365	P	1.0	-5.3
4	☐	10.000	9.961	71438.57	0.0743	P	0.7	-0.4
5	☐	100.000	101.663	692211.86	0.7372	P	0.5	1.7
6	☐	200.000	199.177	1353037.84	1.4421	P	0.4	-0.4
7	☐	1.000						

y = 0.0072 * x + 0.0023
R = 0.9999
DL = 0.07777 ppb
BEC = 0.3139 ppb

Weight: <None>
Min Conc: <None>

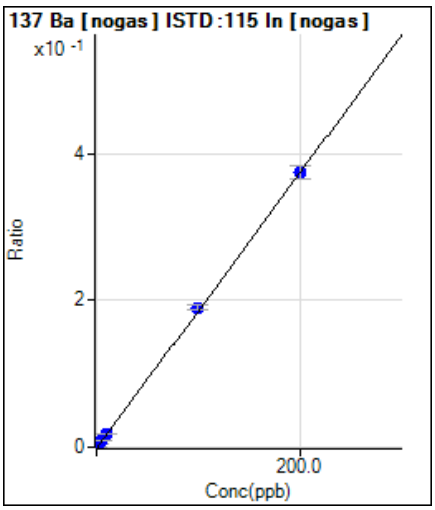


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	86.67	0.0000	P	29.4	
2	☐	2.000	2.028	4550.66	0.0022	P	4.3	1.4
3	☐	5.000	4.909	10916.93	0.0053	P	6.2	-1.8
4	☐	10.000	10.123	22274.62	0.0109	P	0.9	1.2
5	☐	100.000	101.622	218751.06	0.1087	P	2.6	1.6
6	☐	200.000	199.185	423873.52	0.2129	P	5.1	-0.4
7	☐	1.000						

y = 0.0011 * x + 4.2862E-005
R = 1.0000
DL = 0.03532 ppb
BEC = 0.04011 ppb

Weight: <None>
Min Conc: <None>

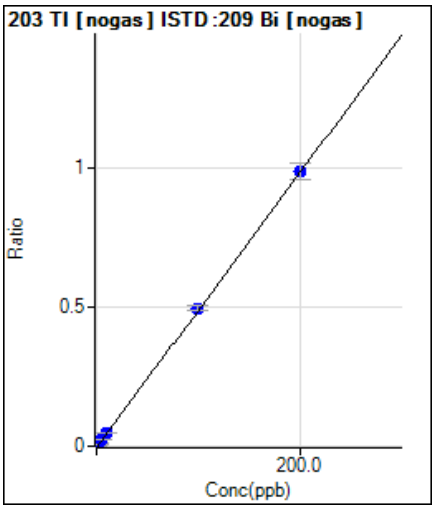
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	170.00	0.0001	P	37.2	
2	☐	2.000	1.995	7891.95	0.0038	P	2.5	-0.2
3	☐	5.000	4.854	19003.98	0.0092	P	1.3	-2.9
4	☐	10.000	10.054	38913.98	0.0190	P	1.8	0.5
5	☐	100.000	101.406	383869.18	0.1907	P	2.8	1.4
6	☐	200.000	199.298	745863.19	0.3746	P	5.0	-0.4
7	☐	1.000						

y = 0.0019 * x + 8.4118E-005
R = 1.0000
DL = 0.04997 ppb
BEC = 0.04476 ppb

Weight: <None>
Min Conc: <None>

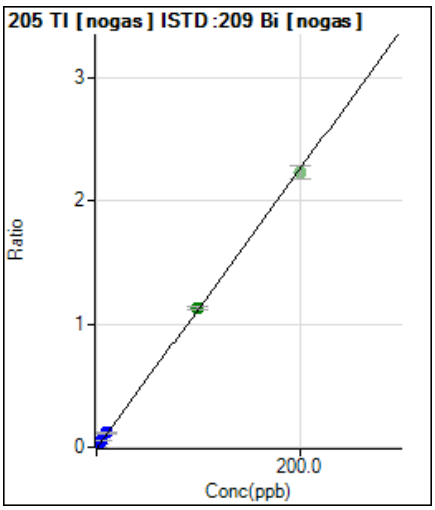


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	56.67	0.0000	P	37.1	
2	☐	2.000	1.864	14489.94	0.0092	P	8.9	-6.8
3	☐	5.000	4.734	36988.62	0.0234	P	2.1	-5.3
4	☐	10.000	9.670	75924.31	0.0478	P	4.7	-3.3
5	☐	100.000	100.254	765116.65	0.4956	P	4.1	0.3
6	☐	200.000	199.898	1469664.25	0.9882	P	6.2	-0.1
7	☐	1.000						

y = 0.0049 * x + 3.5362E-005
R = 1.0000
DL = 0.007952 ppb
BEC = 0.007154 ppb

Weight: <None>
Min Conc: <None>

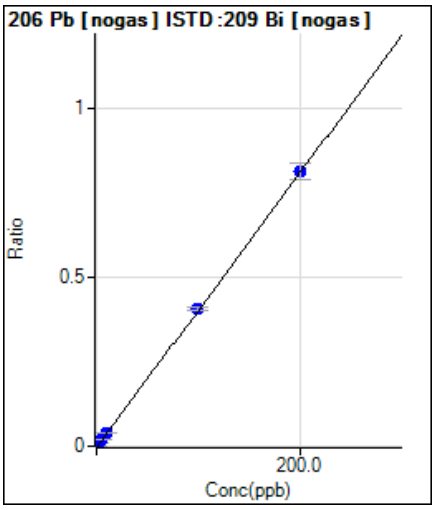
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	90.00	0.0001	P	10.5	
2	☐	2.000	2.007	35819.43	0.0229	P	6.9	0.4
3	☐	5.000	5.010	89921.55	0.0570	P	2.0	0.2
4	☐	10.000	10.085	181990.64	0.1147	P	4.4	0.9
5	☐	100.000	99.991	1754799.29	1.1363	A	2.2	0.0
6	☑	200.000		3325020.68	2.2340	A	4.3	
7	☐	1.000						

y = 0.0114 * x + 5.6109E-005
R = 1.0000
DL = 0.001552 ppb
BEC = 0.004938 ppb

Weight: <None>
Min Conc: <None>

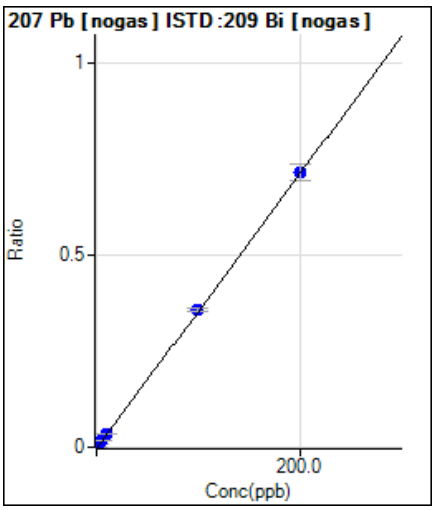


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	146.67	0.0001	P	24.0	
2	☐	2.000	1.948	12548.33	0.0080	P	6.6	-2.6
3	☐	5.000	4.873	31400.36	0.0199	P	3.4	-2.5
4	☐	10.000	9.645	62368.51	0.0393	P	5.4	-3.5
5	☐	100.000	99.943	627476.53	0.4064	P	3.3	-0.1
6	☐	200.000	200.050	1209838.52	0.8134	P	5.9	0.0
7	☐	1.000						

y = 0.0041 * x + 9.1471E-005
R = 1.0000
DL = 0.0162 ppb
BEC = 0.0225 ppb

Weight: <None>
Min Conc: <None>

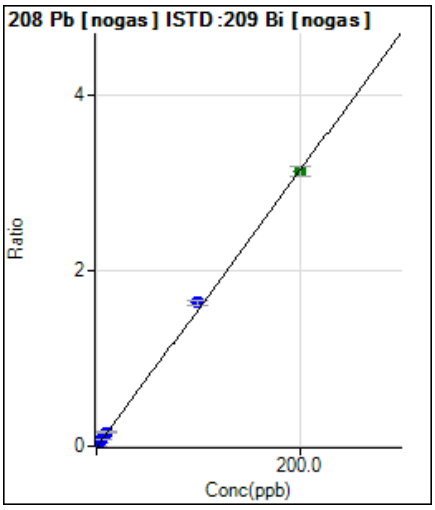
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	160.00	0.0001	P	15.8	
2	☐	2.000	1.944	11063.92	0.0071	P	2.8	-2.8
3	☐	5.000	4.850	27533.40	0.0174	P	1.4	-3.0
4	☐	10.000	9.693	55172.97	0.0348	P	5.3	-3.1
5	☐	100.000	100.146	553193.21	0.3583	P	3.0	0.1
6	☐	200.000	199.947	1063996.11	0.7152	P	5.7	0.0
7	☐	1.000						

y = 0.0036 * x + 9.9720E-005
R = 1.0000
DL = 0.01321 ppb
BEC = 0.02788 ppb

Weight: <None>
Min Conc: <None>

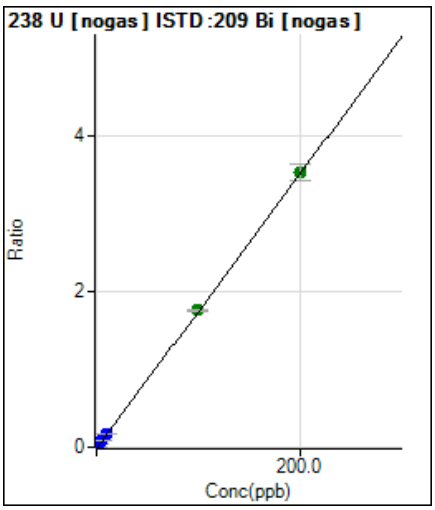


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	656.68	0.0004	P	18.4	
2	☐	2.000	2.006	50310.93	0.0321	P	5.1	0.3
3	☐	5.000	5.018	125756.32	0.0797	P	3.4	0.4
4	☐	10.000	10.019	251971.09	0.1587	P	4.4	0.2
5	☐	100.000	103.373	2523027.27	1.6341	P	3.1	3.4
6	☐	200.000	198.312	4664989.39	3.1344	A	4.1	-0.8
7	☐	1.000						

y = 0.0158 * x + 4.0955E-004
R = 0.9998
DL = 0.01429 ppb
BEC = 0.02592 ppb

Weight: <None>
Min Conc: <None>

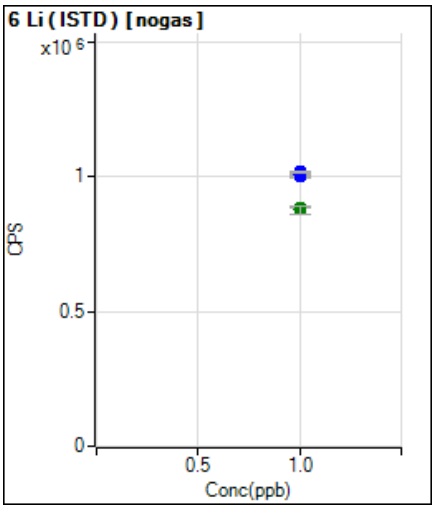
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	40.00	0.0000	P	66.5	
2	☐	2.000	2.028	56074.87	0.0358	P	4.1	1.4
3	☐	5.000	5.021	139651.09	0.0885	P	2.4	0.4
4	☐	10.000	9.996	279591.12	0.1762	P	4.7	0.0
5	☐	100.000	99.646	2711839.23	1.7560	A	1.7	-0.4
6	☐	200.000	200.176	5246701.07	3.5275	A	5.8	0.1
7	☐	1.000						

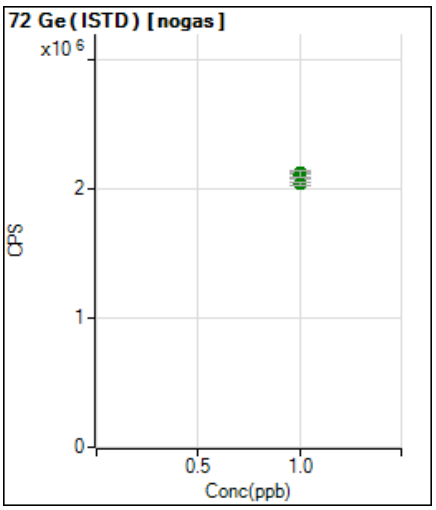
y = 0.0176 * x + 2.5000E-005
R = 1.0000
DL = 0.002831 ppb
BEC = 0.001419 ppb

Weight: <None>
Min Conc: <None>

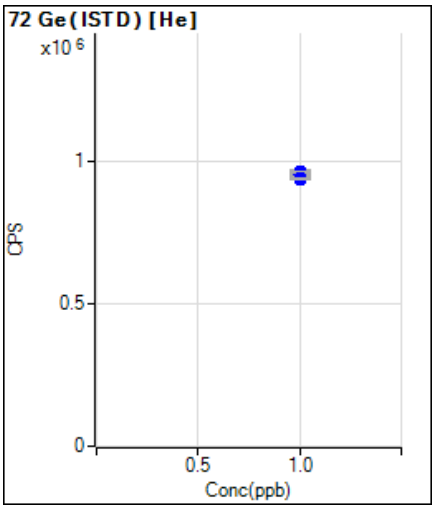


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1001806.70		P	1.1	
2	☐	1.000		1007533.53		P	1.1	
3	☐	1.000		1021400.86		P	0.1	
4	☐	1.000		1017887.11		P	0.5	
5	☐	1.000		886254.09		A	0.6	
6	☐	1.000		877807.72		A	3.1	
7	☐	1.000						

Calibration for 161_ICV.d

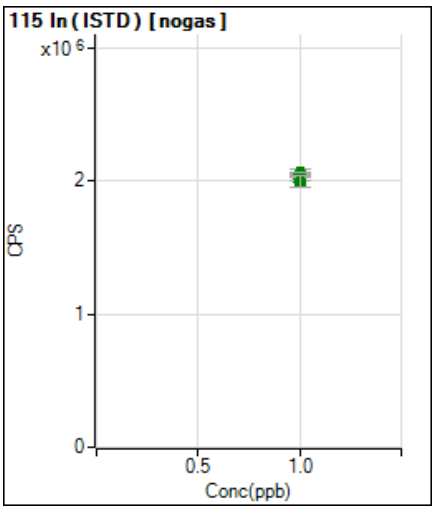


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2040722.47		A	1.4	
2	☐	1.000		2110069.39		A	2.3	
3	☐	1.000		2131489.24		A	1.5	
4	☐	1.000		2112229.40		A	1.4	
5	☐	1.000		2114907.57		A	2.1	
6	☐	1.000		2120747.94		A	2.6	
7	☐	1.000						

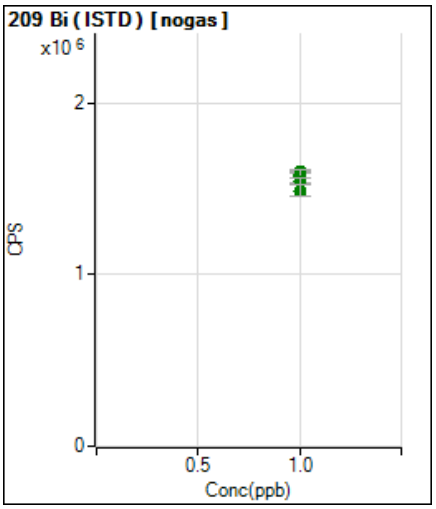


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		948710.97		P	0.8	
2	☐	1.000		953683.76		P	1.4	
3	☐	1.000		964444.36		P	0.9	
4	☐	1.000		961876.76		P	0.3	
5	☐	1.000		939037.57		P	0.8	
6	☐	1.000		938284.62		P	0.9	
7	☐	1.000						

Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2022428.09		A	1.6	
2	☐	1.000		2058568.21		A	0.6	
3	☐	1.000		2064212.04		A	2.0	
4	☐	1.000		2050562.80		A	1.7	
5	☐	1.000		2013721.43		A	1.2	
6	☐	1.000		1993498.75		A	4.2	
7	☐	1.000						



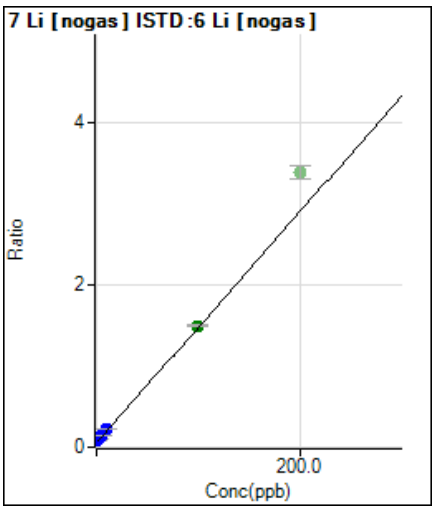
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1603336.85		A	0.7	
2	☐	1.000		1569482.63		A	4.4	
3	☐	1.000		1578311.64		A	1.5	
4	☐	1.000		1588734.98		A	3.2	
5	☐	1.000		1544759.87		A	2.3	
6	☐	1.000		1490097.84		A	4.7	
7	☐	1.000						

Calibration for 019_ICV.d

Batch Folder:	C:\Agilent\ICPMH\1\DATA\012721A.b\
Analysis File:	012721A.batch.bin
DA Date-Time:	1/27/2021 8:13:35 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	

Level	Standard Data File	Sample Name	Acq. Date-Time
1	012CALB.d	CAL BLK	1/27/2021 11:43:19 AM
2	013CALS.d	2/10/200	1/27/2021 11:45:22 AM
3	014CALS.d	5/25/500	1/27/2021 11:47:25 AM
4	015CALS.d	10/50/1000	1/27/2021 11:49:26 AM
5	016CALS.d	100/500/10K	1/27/2021 11:51:27 AM
6	017CALS.d	200/1000/20K	1/27/2021 11:53:26 AM
7			

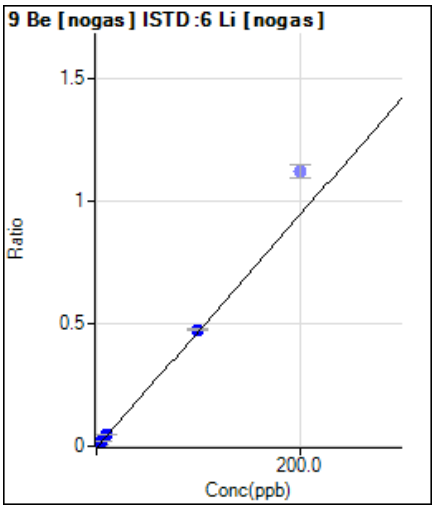
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	72197.10	0.0732	P	0.5	
2	☐	2.000	2.047	100248.86	0.1023	P	1.4	2.4
3	☐	5.000	4.997	139888.66	0.1444	P	0.8	-0.1
4	☐	10.000	9.966	209543.66	0.2152	P	0.4	-0.3
5	☐	100.000	100.003	1378067.95	1.4979	A	1.6	0.0
6	☑	200.000		2776798.40	3.3900	A	5.3	
7	☐	1.000						

y = 0.0142 * x + 0.0732
R = 1.0000
DL = 0.08462 ppb
BEC = 5.136 ppb

Weight: <None>
Min Conc: <None>

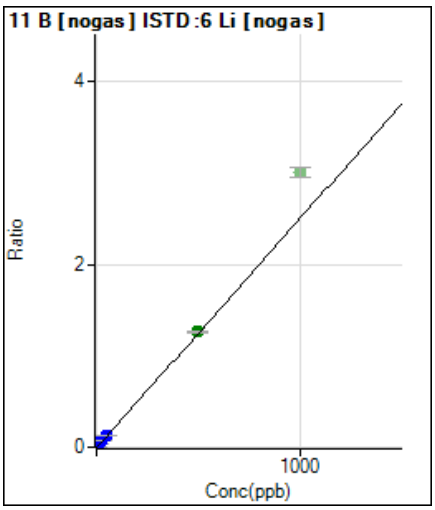


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	15.00	0.0000	P	33.6	
2	☐	2.000	1.898	8848.75	0.0090	P	4.0	-5.1
3	☐	5.000	4.688	21590.47	0.0223	P	2.6	-6.2
4	☐	10.000	9.377	43395.30	0.0446	P	1.0	-6.2
5	☐	100.000	100.080	437433.90	0.4754	P	0.6	0.1
6	☑	200.000		919168.61	1.1222	P	5.3	
7	☐	1.000						

y = 0.0048 * x + 1.5210E-005
R = 1.0000
DL = 0.003223 ppb
BEC = 0.003202 ppb

Weight: <None>
Min Conc: <None>

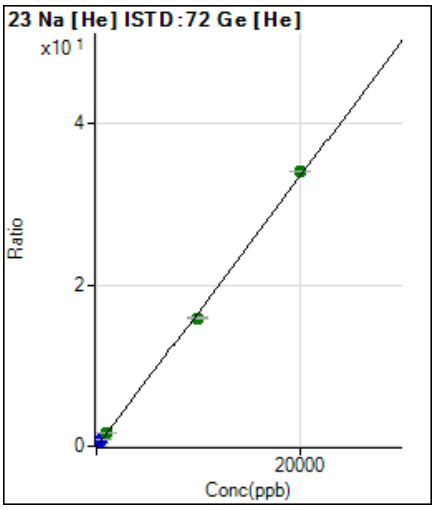
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	8713.69	0.0088	P	1.6	
2	☐	10.000	9.697	32460.69	0.0331	P	2.2	-3.0
3	☐	25.000	24.403	67836.92	0.0700	P	1.1	-2.4
4	☐	50.000	49.649	129795.72	0.1333	P	1.0	-0.7
5	☐	500.000	500.071	1161322.06	1.2622	A	1.4	0.0
6	☑	1000.000		2462966.58	3.0049	A	3.5	
7	☐	5.000						

y = 0.0025 * x + 0.0088
R = 1.0000
DL = 0.171 ppb
BEC = 3.524 ppb

Weight: <None>
Min Conc: <None>

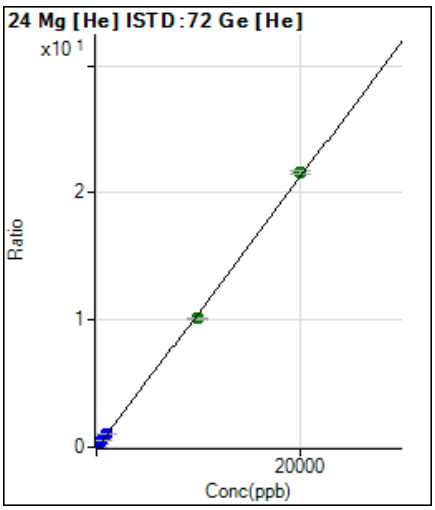


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	36208.02	0.0393	P	0.5	
2	☐	200.000	206.672	357447.89	0.3864	P	0.1	3.3
3	☐	500.000	503.455	813452.28	0.8847	P	0.3	0.7
4	☐	1000.000	946.408	1494015.60	1.6285	A	1.8	-5.4
5	☐	10000.00	9453.519	14321801.04	15.9137	A	0.6	-5.5
6	☐	20000.00	20275.76	29641845.39	34.0864	A	0.6	1.4
7	☐	100.000						

y = 0.0017 * x + 0.0393
R = 0.9995
DL = 0.3855 ppb
BEC = 23.43 ppb

Weight: <None>
Min Conc: <None>

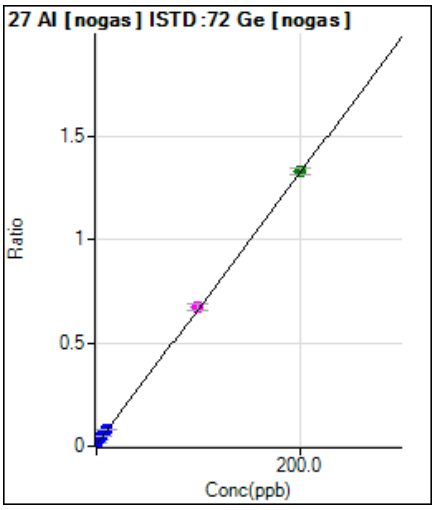
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	780.03	0.0008	P	28.3	
2	☐	200.000	207.252	205304.99	0.2219	P	1.0	3.6
3	☐	500.000	505.417	496486.63	0.5400	P	0.3	1.1
4	☐	1000.000	1002.550	981927.04	1.0703	P	1.0	0.3
5	☐	10000.00	9483.513	9105219.65	10.1173	A	1.0	-5.2
6	☐	20000.00	20257.90	18792272.22	21.6107	A	1.1	1.3
7	☐	100.000						

y = 0.0011 * x + 8.4849E-004
R = 0.9995
DL = 0.6757 ppb
BEC = 0.7954 ppb

Weight: <None>
Min Conc: <None>

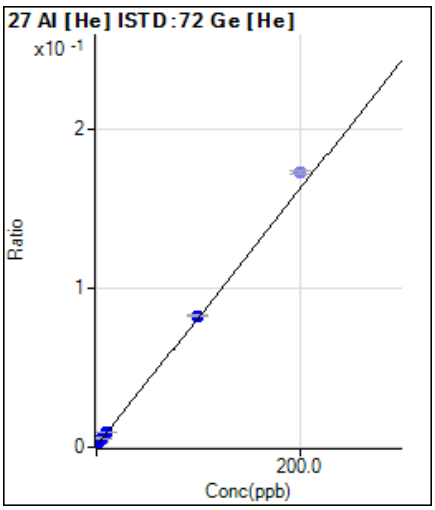


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	30034.05	0.0151	P	2.4	
2	☐	2.000	2.112	57858.23	0.0290	P	0.3	5.6
3	☐	5.000	4.880	92808.59	0.0472	P	2.7	-2.4
4	☐	10.000	10.015	159432.32	0.0810	P	3.6	0.2
5	☐	100.000	99.702	1293781.41	0.6710	M	4.9	-0.3
6	☐	200.000	200.150	2497788.71	1.3318	A	2.2	0.1
7	☐	1.000						

y = 0.0066 * x + 0.0151
R = 1.0000
DL = 0.1618 ppb
BEC = 2.294 ppb

Weight: <None>
Min Conc: <None>

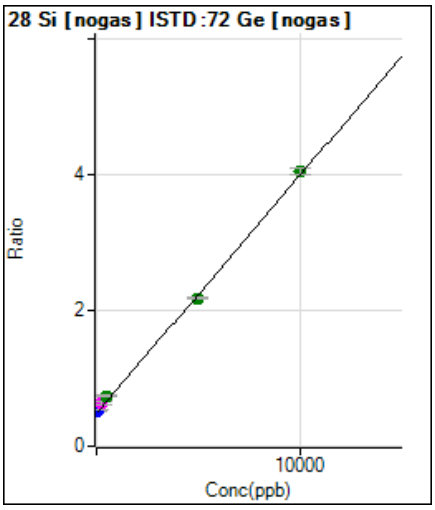
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1593.43	0.0017	P	17.2	
2	☐	2.000	2.272	3300.36	0.0036	P	8.9	13.6
3	☐	5.000	4.762	5130.78	0.0056	P	9.1	-4.8
4	☐	10.000	9.826	8872.20	0.0097	P	0.7	-1.7
5	☐	100.000	100.024	74278.08	0.0825	P	1.3	0.0
6	☑	200.000		150322.70	0.1729	P	1.7	
7	☐	1.000						

y = 8.0783E-004 * x + 0.0017
R = 1.0000
DL = 1.105 ppb
BEC = 2.145 ppb

Weight: <None>
Min Conc: <None>

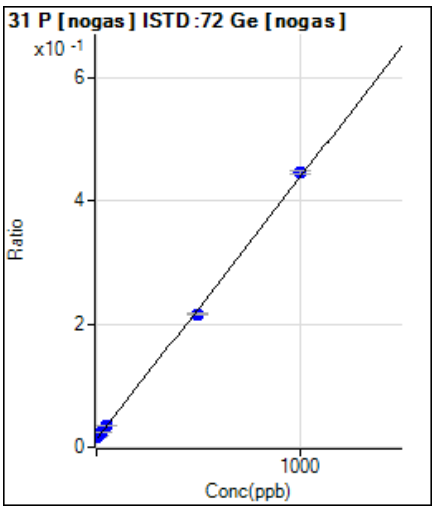


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1007422.77	0.5063	P	1.7	
2	☐	100.000	75.639	1063745.79	0.5328	P	0.1	-24.4
3	☐	250.000	353.682	1238483.78	0.6303	M	7.9	41.5
4	☐	500.000	666.369	1456866.02	0.7398	A	1.6	33.3
5	☐	5000.000	4763.017	4196428.38	2.1756	A	0.8	-4.7
6	☐	10000.00	10107.82	7593113.01	4.0488	A	2.4	1.1
7	☐	50.000						

y = 3.5047E-004 * x + 0.5063
R = 0.9994
DL = 75.49 ppb
BEC = 1445 ppb

Weight: <None>
Min Conc: <None>

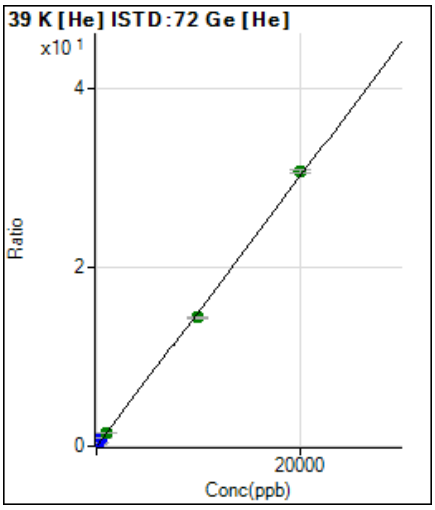
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	30084.25	0.0151	P	1.1	
2	☐	10.000	8.910	37757.90	0.0189	P	0.4	-10.9
3	☐	25.000	23.095	49056.87	0.0250	P	4.2	-7.6
4	☐	50.000	46.283	68583.77	0.0348	P	2.9	-7.4
5	☐	500.000	472.702	417548.63	0.2165	P	2.0	-5.5
6	☐	1000.000	1013.893	838422.77	0.4470	P	1.8	1.4
7	☐	5.000						

y = 4.2599E-004 * x + 0.0151
R = 0.9995
DL = 1.135 ppb
BEC = 35.49 ppb

Weight: <None>
Min Conc: <None>

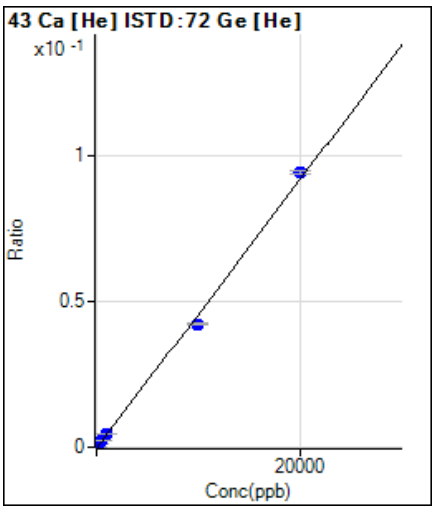


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	116642.27	0.1267	P	1.2	
2	☐	200.000	203.724	401656.46	0.4342	P	0.9	1.9
3	☐	500.000	495.710	804317.51	0.8748	P	0.0	-0.9
4	☐	1000.000	953.360	1436210.14	1.5654	A	0.6	-4.7
5	☐	10000.00	9442.464	12938077.73	14.3763	A	1.1	-5.6
6	☐	20000.00	20281.17	26724427.93	30.7330	A	1.1	1.4
7	☐	100.000						

y = 0.0015 * x + 0.1267
R = 0.9995
DL = 2.991 ppb
BEC = 83.98 ppb

Weight: <None>
Min Conc: <None>

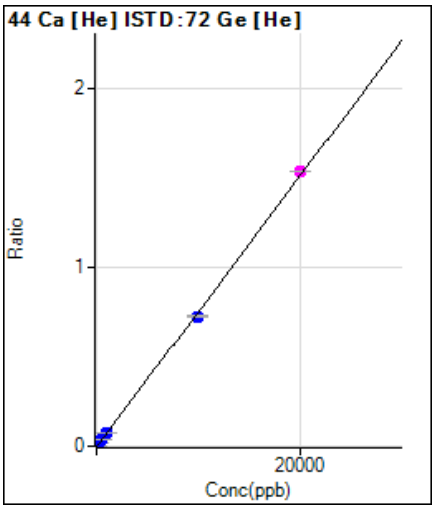
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	73.33	0.0001	P	28.6	
2	☐	200.000	217.460	1003.38	0.0011	P	9.5	8.7
3	☐	500.000	452.035	1993.48	0.0022	P	11.0	-9.6
4	☐	1000.000	918.742	3967.15	0.0043	P	1.3	-8.1
5	☐	10000.00	9133.229	38042.25	0.0423	P	0.7	-8.7
6	☐	20000.00	20438.47	82172.75	0.0945	P	1.3	2.2
7	☐	100.000						

y = 4.6195E-006 * x + 7.9737E-005
R = 0.9987
DL = 14.82 ppb
BEC = 17.26 ppb

Weight: <None>
Min Conc: <None>

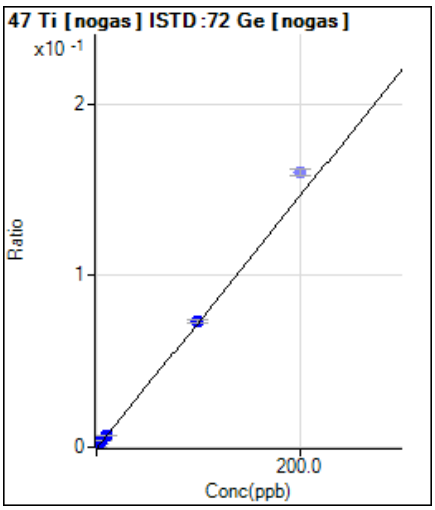


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2926.95	0.0032	P	9.8	
2	☐	200.000	186.520	15990.37	0.0173	P	2.3	-6.7
3	☐	500.000	457.425	34729.18	0.0378	P	1.0	-8.5
4	☐	1000.000	924.507	67056.39	0.0731	P	1.7	-7.5
5	☐	10000.00	9528.748	651353.43	0.7238	P	1.4	-4.7
6	☐	20000.00	20240.60	1333905.92	1.5338	M	0.6	1.2
7	☐	100.000						

y = 7.5622E-005 * x + 0.0032
R = 0.9996
DL = 12.32 ppb
BEC = 42.07 ppb

Weight: <None>
Min Conc: <None>

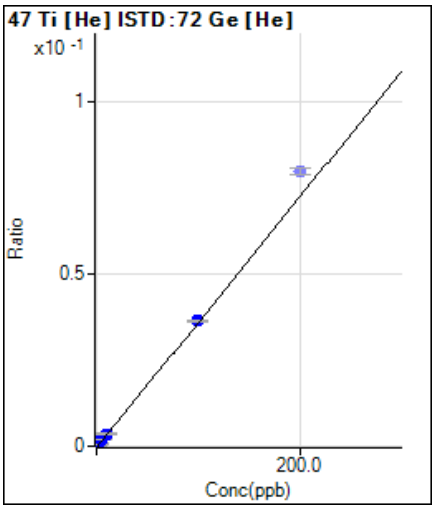
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	173.34	0.0001	P	32.5	
2	☐	2.000	2.074	3220.34	0.0016	P	2.2	3.7
3	☐	5.000	4.911	7278.19	0.0037	P	1.2	-1.8
4	☐	10.000	9.359	13731.94	0.0070	P	1.2	-6.4
5	☐	100.000	100.067	142147.18	0.0737	P	2.5	0.1
6	☑	200.000		300523.42	0.1602	P	2.1	
7	☐	1.000						

y = 7.3564E-004 * x + 8.7268E-005
R = 1.0000
DL = 0.1156 ppb
BEC = 0.1186 ppb

Weight: <None>
Min Conc: <None>

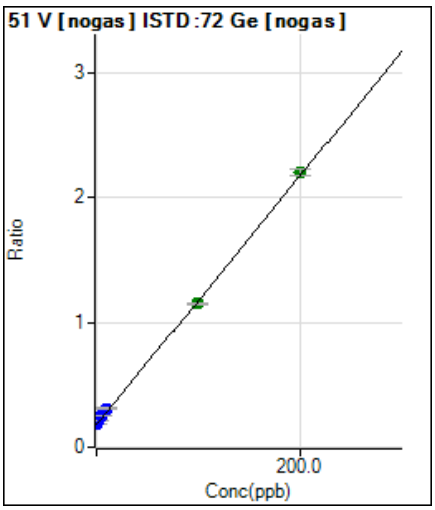


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6.67	0.0000	P	86.6	
2	☐	2.000	2.038	693.36	0.0007	P	18.1	1.9
3	☐	5.000	5.196	1746.78	0.0019	P	3.6	3.9
4	☐	10.000	9.867	3303.69	0.0036	P	5.7	-1.3
5	☐	100.000	100.003	32785.76	0.0364	P	0.9	0.0
6	☑	200.000		69388.76	0.0798	P	1.9	
7	☐	1.000						

y = 3.6422E-004 * x + 7.2665E-006
R = 1.0000
DL = 0.05184 ppb
BEC = 0.01995 ppb

Weight: <None>
Min Conc: <None>

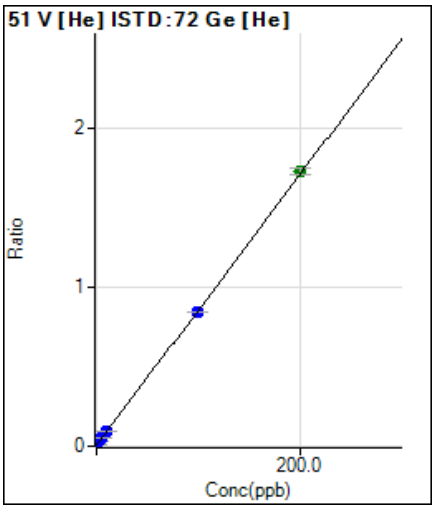
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	379777.91	0.1908	P	0.4	
2	☐	2.000	2.275	426266.52	0.2135	P	0.8	13.8
3	☐	5.000	6.336	499560.92	0.2540	P	1.6	26.7
4	☐	10.000	12.076	612637.58	0.3111	P	2.3	20.8
5	☐	100.000	96.214	2216690.90	1.1493	A	1.5	-3.8
6	☐	200.000	201.753	4127195.67	2.2006	A	2.3	0.9
7	☐	1.000						

y = 0.0100 * x + 0.1908
R = 0.9997
DL = 0.2214 ppb
BEC = 19.16 ppb

Weight: <None>
Min Conc: <None>

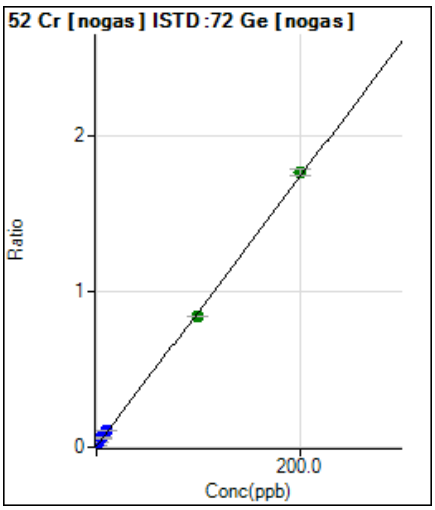


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13136.90	0.0143	P	1.9	
2	☐	2.000	2.000	28959.12	0.0313	P	1.5	0.0
3	☐	5.000	4.825	50895.73	0.0554	P	0.8	-3.5
4	☐	10.000	9.602	88096.42	0.0960	P	0.7	-4.0
5	☐	100.000	97.376	758967.04	0.8433	P	0.7	-2.6
6	☐	200.000	201.336	1502993.27	1.7285	A	2.1	0.7
7	☐	1.000						

y = 0.0085 * x + 0.0143
R = 0.9999
DL = 0.09565 ppb
BEC = 1.677 ppb

Weight: <None>
Min Conc: <None>

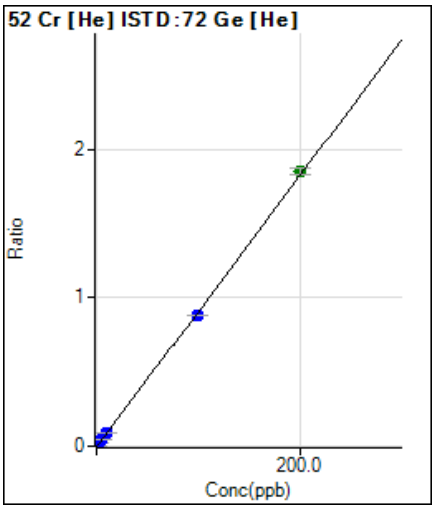
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	28912.81	0.0145	P	1.0	
2	☐	2.000	1.971	63073.47	0.0316	P	1.2	-1.5
3	☐	5.000	5.149	116224.03	0.0591	P	3.7	3.0
4	☐	10.000	10.189	202348.63	0.1028	P	2.4	1.9
5	☐	100.000	95.690	1626339.19	0.8431	A	0.5	-4.3
6	☐	200.000	202.142	3310065.79	1.7649	A	2.0	1.1
7	☐	1.000						

y = 0.0087 * x + 0.0145
R = 0.9997
DL = 0.04846 ppb
BEC = 1.678 ppb

Weight: <None>
Min Conc: <None>

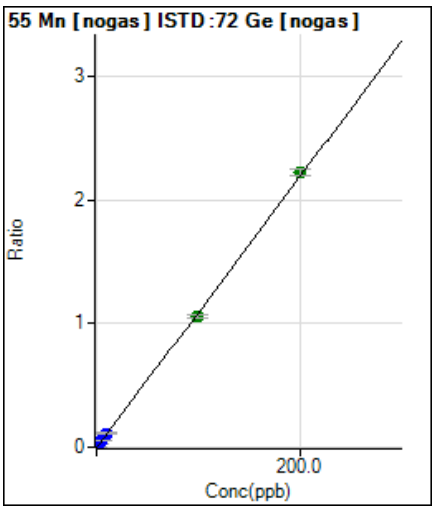


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2870.27	0.0031	P	8.9	
2	☐	2.000	1.929	19213.56	0.0208	P	2.3	-3.6
3	☐	5.000	4.665	42114.77	0.0458	P	2.4	-6.7
4	☐	10.000	9.432	82057.48	0.0894	P	0.1	-5.7
5	☐	100.000	95.993	793414.18	0.8816	P	1.0	-4.0
6	☐	200.000	202.041	1610455.44	1.8521	A	2.0	1.0
7	☐	1.000						

y = 0.0092 * x + 0.0031
R = 0.9997
DL = 0.09145 ppb
BEC = 0.3406 ppb

Weight: <None>
Min Conc: <None>

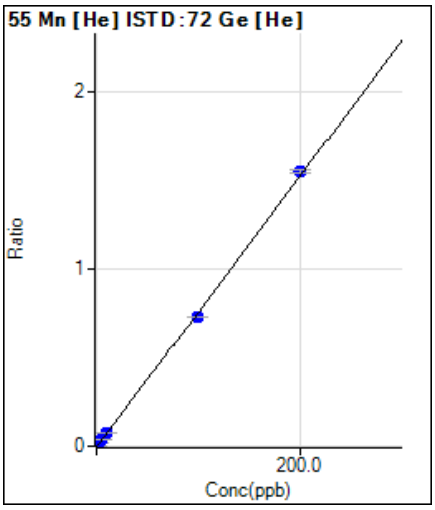
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10096.23	0.0051	P	2.6	
2	☐	2.000	1.957	53082.64	0.0266	P	0.5	-2.1
3	☐	5.000	4.931	116607.71	0.0593	P	1.1	-1.4
4	☐	10.000	9.879	223833.70	0.1137	P	2.1	-1.2
5	☐	100.000	95.901	2043079.09	1.0593	A	1.4	-4.1
6	☐	200.000	202.057	4175213.69	2.2262	A	2.0	1.0
7	☐	1.000						

y = 0.0110 * x + 0.0051
R = 0.9997
DL = 0.03595 ppb
BEC = 0.4614 ppb

Weight: <None>
Min Conc: <None>

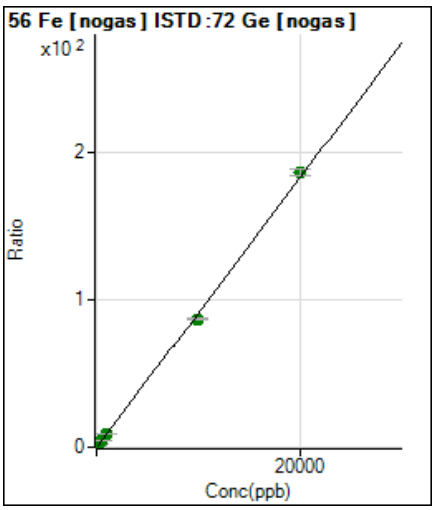


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1433.42	0.0016	P	11.0	
2	☐	2.000	1.957	15269.80	0.0165	P	3.0	-2.1
3	☐	5.000	4.644	34048.28	0.0370	P	2.6	-7.1
4	☐	10.000	9.306	66636.38	0.0726	P	0.9	-6.9
5	☐	100.000	94.916	653837.82	0.7265	P	0.5	-5.1
6	☐	200.000	202.586	1346769.77	1.5489	P	1.8	1.3
7	☐	1.000						

y = 0.0076 * x + 0.0016
R = 0.9996
DL = 0.06712 ppb
BEC = 0.2039 ppb

Weight: <None>
Min Conc: <None>

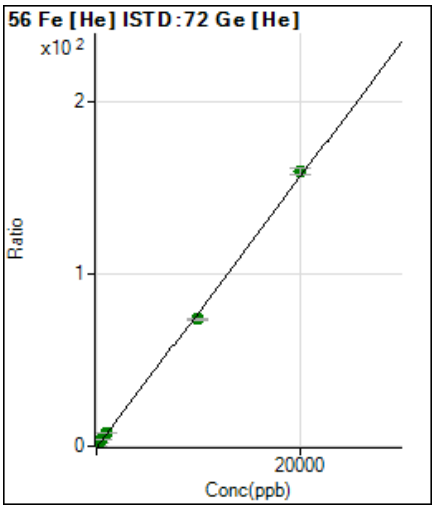
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1309853.71	0.6583	M	2.1	
2	☐	200.000	186.234	4715213.68	2.3619	A	0.7	-6.9
3	☐	500.000	466.063	9678202.15	4.9216	A	2.7	-6.8
4	☐	1000.000	930.555	18059279.31	9.1706	A	1.1	-6.9
5	☐	10000.00	9401.821	167150007.5	86.6614	A	1.6	-6.0
6	☐	20000.00	20303.54	349557861.4	186.384	A	2.0	1.5
7	☐	100.000						

y = 0.0091 * x + 0.6583
R = 0.9994
DL = 4.536 ppb
BEC = 71.97 ppb

Weight: <None>
Min Conc: <None>

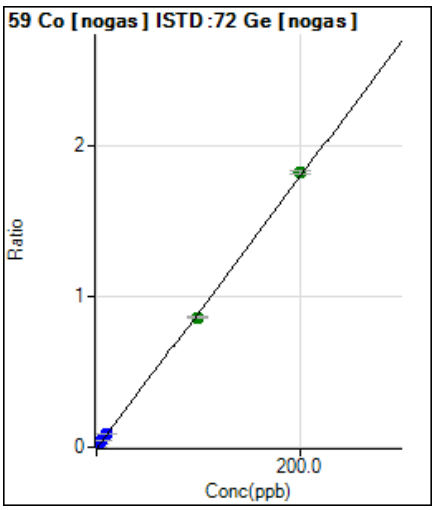


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	21579.49	0.0234	P	1.1	
2	☐	200.000	197.920	1462473.10	1.5810	A	3.5	-1.0
3	☐	500.000	471.763	3435043.91	3.7362	A	0.8	-5.6
4	☐	1000.000	929.689	6734244.90	7.3400	A	1.5	-7.0
5	☐	10000.00	9366.729	66361135.68	73.7382	A	1.3	-6.3
6	☐	20000.00	20320.87	139072807.9	159.945	A	1.9	1.6
7	☐	100.000						

y = 0.0079 * x + 0.0234
R = 0.9993
DL = 0.09584 ppb
BEC = 2.979 ppb

Weight: <None>
Min Conc: <None>

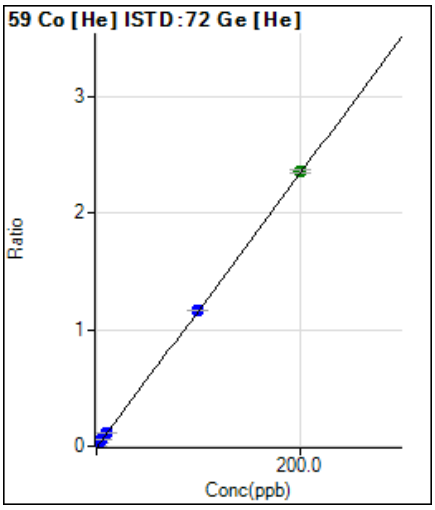
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	333.34	0.0002	P	19.5	
2	☐	2.000	2.063	37571.72	0.0188	P	1.1	3.1
3	☐	5.000	4.981	88916.65	0.0452	P	1.8	-0.4
4	☐	10.000	10.073	179670.87	0.0912	P	2.1	0.7
5	☐	100.000	95.451	1665086.64	0.8633	A	1.5	-4.5
6	☐	200.000	202.271	3430742.55	1.8292	A	1.7	1.1
7	☐	1.000						

y = 0.0090 * x + 1.6732E-004
R = 0.9996
DL = 0.01085 ppb
BEC = 0.0185 ppb

Weight: <None>
Min Conc: <None>

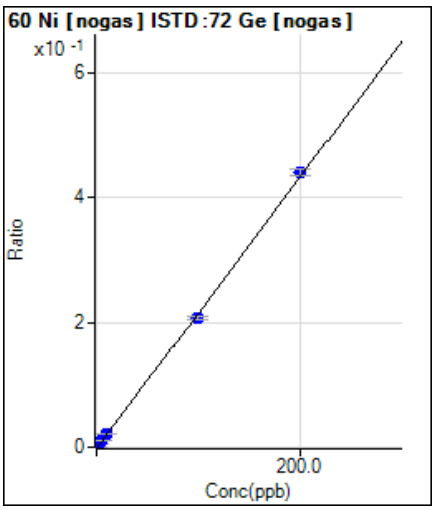


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	136.67	0.0001	P	9.3	
2	☐	2.000	1.983	21719.66	0.0235	P	2.9	-0.8
3	☐	5.000	5.006	54269.99	0.0590	P	0.7	0.1
4	☐	10.000	9.807	105971.85	0.1155	P	1.2	-1.9
5	☐	100.000	98.768	1045642.54	1.1619	P	0.2	-1.2
6	☐	200.000	200.626	2052140.86	2.3599	A	1.0	0.3
7	☐	1.000						

y = 0.0118 * x + 1.4857E-004
R = 1.0000
DL = 0.003539 ppb
BEC = 0.01263 ppb

Weight: <None>
Min Conc: <None>

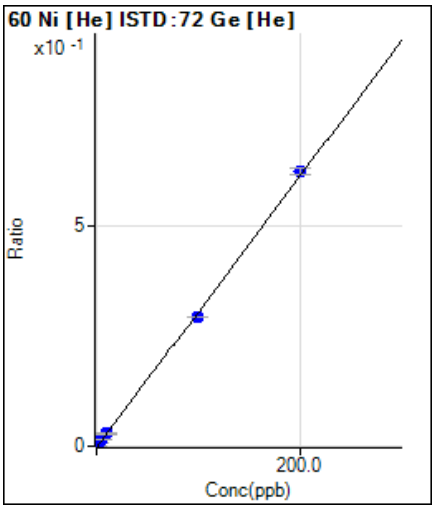
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	433.34	0.0002	P	10.6	
2	☐	2.000	1.829	8378.70	0.0042	P	0.4	-8.6
3	☐	5.000	4.755	20788.62	0.0106	P	1.8	-4.9
4	☐	10.000	9.508	41172.92	0.0209	P	1.8	-4.9
5	☐	100.000	94.872	398603.69	0.2067	P	2.4	-5.1
6	☐	200.000	202.596	827277.85	0.4411	P	2.1	1.3
7	☐	1.000						

y = 0.0022 * x + 2.1764E-004
R = 0.9995
DL = 0.0317 ppb
BEC = 0.1 ppb

Weight: <None>
Min Conc: <None>

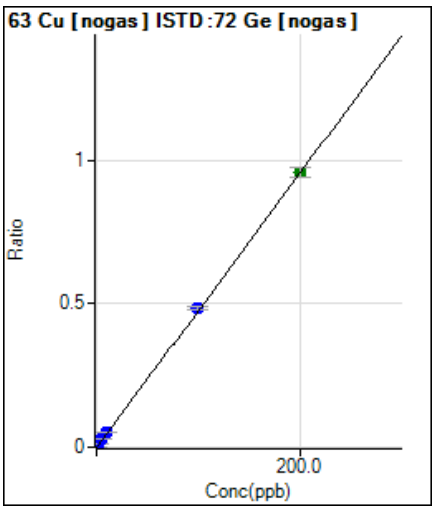


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	256.67	0.0003	P	12.9	
2	☐	2.000	1.865	5590.93	0.0060	P	3.3	-6.7
3	☐	5.000	4.679	13555.19	0.0147	P	4.1	-6.4
4	☐	10.000	9.076	25991.92	0.0283	P	2.6	-9.2
5	☐	100.000	95.214	265091.82	0.2946	P	0.4	-4.8
6	☐	200.000	202.449	544305.49	0.6260	P	2.0	1.2
7	☐	1.000						

y = 0.0031 * x + 2.7900E-004
R = 0.9996
DL = 0.035 ppb
BEC = 0.09027 ppb

Weight: <None>
Min Conc: <None>

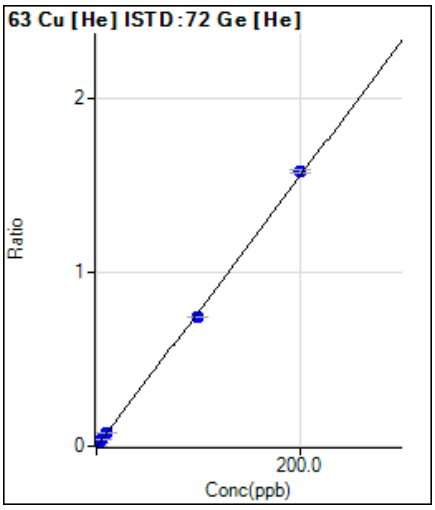
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5030.76	0.0025	P	3.4	
2	☐	2.000	1.992	24116.14	0.0121	P	0.9	-0.4
3	☐	5.000	5.006	52183.88	0.0265	P	2.4	0.1
4	☐	10.000	9.879	98257.43	0.0499	P	2.4	-1.2
5	☐	100.000	101.037	939341.11	0.4871	P	2.6	1.0
6	☐	200.000	199.488	1798803.99	0.9592	A	3.2	-0.3
7	☐	1.000						

y = 0.0048 * x + 0.0025
R = 1.0000
DL = 0.05433 ppb
BEC = 0.5271 ppb

Weight: <None>
Min Conc: <None>

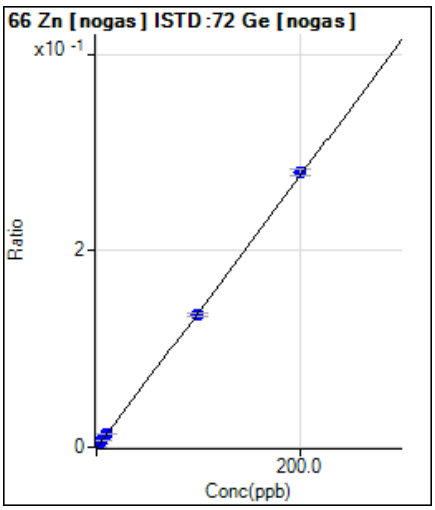


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2676.92	0.0029	P	9.3	
2	☐	2.000	1.990	17001.36	0.0184	P	5.1	-0.5
3	☐	5.000	4.720	36416.38	0.0396	P	0.3	-5.6
4	☐	10.000	9.395	69688.24	0.0760	P	1.4	-6.0
5	☐	100.000	94.951	667039.89	0.7412	P	1.0	-5.0
6	☐	200.000	202.562	1372046.02	1.5779	P	1.4	1.3
7	☐	1.000						

y = 0.0078 * x + 0.0029
R = 0.9996
DL = 0.1041 ppb
BEC = 0.3742 ppb

Weight: <None>
Min Conc: <None>

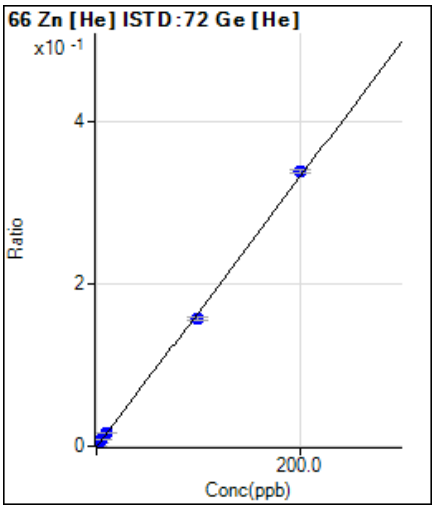
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	716.69	0.0004	P	5.6	
2	☐	2.000	1.841	5814.35	0.0029	P	3.4	-7.9
3	☐	5.000	4.696	13491.79	0.0069	P	7.7	-6.1
4	☐	10.000	9.454	26512.76	0.0135	P	3.1	-5.5
5	☐	100.000	96.768	259385.99	0.1345	P	2.5	-3.2
6	☐	200.000	201.653	524905.23	0.2799	P	2.1	0.8
7	☐	1.000						

y = 0.0014 * x + 3.6032E-004
R = 0.9998
DL = 0.04371 ppb
BEC = 0.2599 ppb

Weight: <None>
Min Conc: <None>

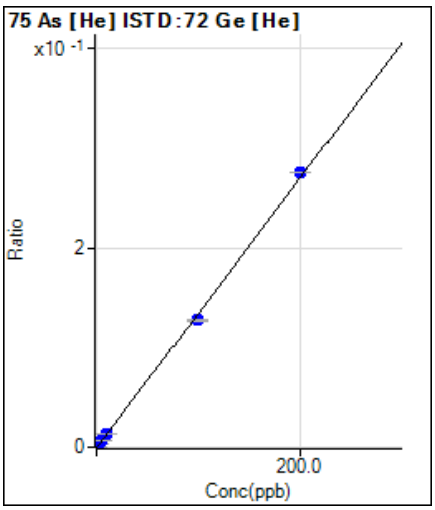


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	313.34	0.0003	P	7.1	
2	☐	2.000	2.066	3500.38	0.0038	P	2.1	3.3
3	☐	5.000	4.777	7631.70	0.0083	P	8.4	-4.5
4	☐	10.000	9.386	14666.05	0.0160	P	5.0	-6.1
5	☐	100.000	93.979	141247.84	0.1570	P	1.5	-6.0
6	☐	200.000	203.046	294519.81	0.3387	P	1.2	1.5
7	☐	1.000						

y = 0.0017 * x + 3.4042E-004
R = 0.9994
DL = 0.04344 ppb
BEC = 0.2043 ppb

Weight: <None>
Min Conc: <None>

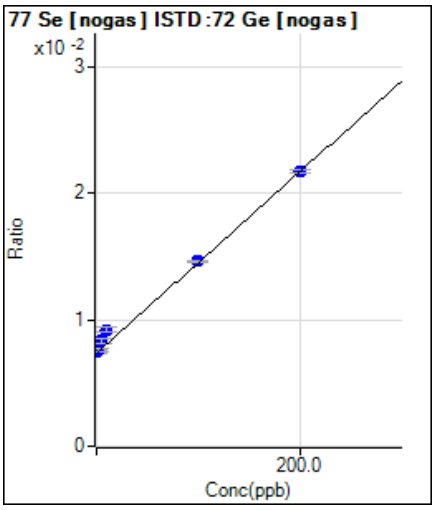
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	524.46	0.0006	P	4.6	
2	☐	2.000	1.886	2886.91	0.0031	P	1.6	-5.7
3	☐	5.000	4.531	6158.85	0.0067	P	3.3	-9.4
4	☐	10.000	9.204	11947.28	0.0130	P	2.8	-8.0
5	☐	100.000	93.492	114335.47	0.1270	P	1.2	-6.5
6	☐	200.000	203.307	239669.60	0.2756	P	0.5	1.7
7	☐	1.000						

y = 0.0014 * x + 5.6998E-004
R = 0.9993
DL = 0.05818 ppb
BEC = 0.4213 ppb

Weight: <None>
Min Conc: <None>

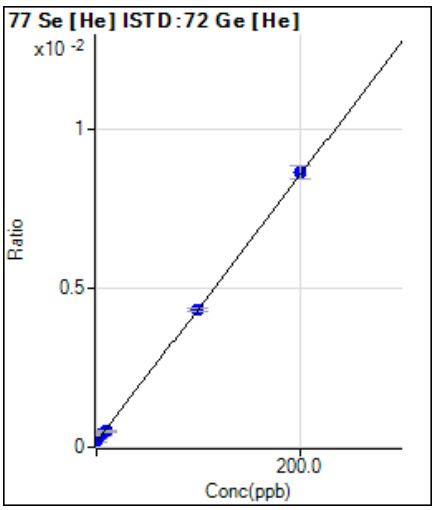


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	14849.57	0.0075	P	2.0	
2	☐	2.000	2.380	15236.56	0.0076	P	3.3	19.0
3	☐	5.000	12.225	16397.64	0.0083	P	3.7	144.5
4	☐	10.000	24.511	18145.90	0.0092	P	4.3	145.1
5	☐	100.000	100.045	28225.43	0.0146	P	0.5	0.0
6	☐	200.000	199.067	40759.28	0.0217	P	1.0	-0.5
7	☐	1.000						

y = 7.1677E-005 * x + 0.0075
R = 0.9976
DL = 6.215 ppb
BEC = 104.1 ppb

Weight: <None>
Min Conc: <None>

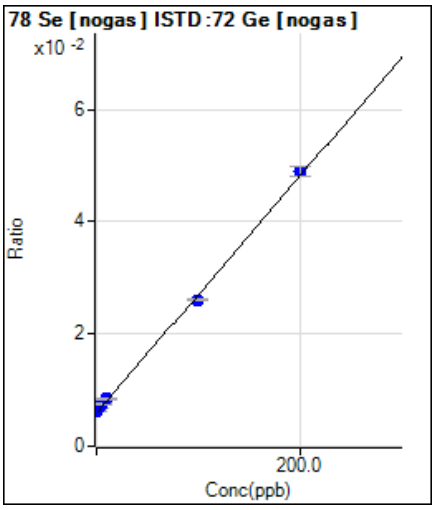
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	190.01	0.0002	P	42.8	
2	☐	2.000	2.711	296.68	0.0003	P	20.6	35.6
3	☐	5.000	4.487	363.34	0.0004	P	14.0	-10.3
4	☐	10.000	7.013	460.01	0.0005	P	10.9	-29.9
5	☐	100.000	98.251	3900.48	0.0043	P	2.6	-1.7
6	☐	200.000	201.030	7521.69	0.0087	P	4.6	0.5
7	☐	1.000						

y = 4.2006E-005 * x + 2.0685E-004
R = 0.9998
DL = 6.328 ppb
BEC = 4.924 ppb

Weight: <None>
Min Conc: <None>

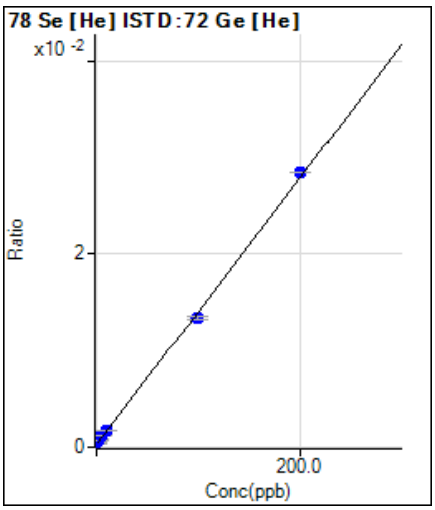


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	12347.68	0.0062	P	1.4	
2	☐	2.000	2.338	13371.76	0.0067	P	1.1	16.9
3	☐	5.000	6.048	14712.85	0.0075	P	2.0	21.0
4	☐	10.000	10.573	16607.80	0.0084	P	3.6	5.7
5	☐	100.000	94.365	50376.87	0.0261	P	2.0	-5.6
6	☐	200.000	202.759	91887.56	0.0490	P	3.0	1.4
7	☐	1.000						

y = 2.1106E-004 * x + 0.0062
R = 0.9994
DL = 1.233 ppb
BEC = 29.4 ppb

Weight: <None>
Min Conc: <None>

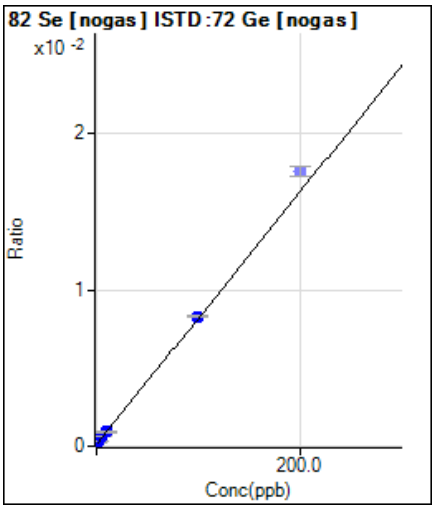
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	400.01	0.0004	P	2.9	
2	☐	2.000	2.323	698.68	0.0008	P	9.6	16.1
3	☐	5.000	5.192	1058.70	0.0012	P	3.7	3.8
4	☐	10.000	9.251	1570.74	0.0017	P	5.7	-7.5
5	☐	100.000	93.649	12027.99	0.0134	P	1.7	-6.4
6	☐	200.000	203.205	24776.80	0.0285	P	0.5	1.6
7	☐	1.000						

y = 1.3807E-004 * x + 4.3461E-004
R = 0.9993
DL = 0.2694 ppb
BEC = 3.148 ppb

Weight: <None>
Min Conc: <None>

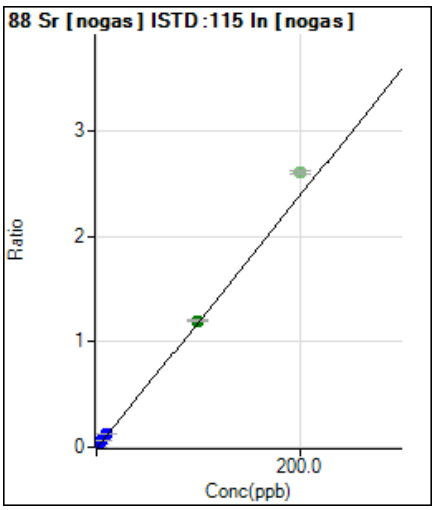


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	416.68	0.0002	P	20.8	
2	☐	2.000	1.438	650.02	0.0003	P	15.5	-28.1
3	☐	5.000	5.250	1246.74	0.0006	P	6.6	5.0
4	☐	10.000	9.068	1856.79	0.0009	P	11.2	-9.3
5	☐	100.000	100.092	15997.25	0.0083	P	1.4	0.1
6	☑	200.000		32977.08	0.0176	P	3.4	
7	☐	1.000						

y = 8.0752E-005 * x + 2.0955E-004
R = 0.9999
DL = 1.621 ppb
BEC = 2.595 ppb

Weight: <None>
Min Conc: <None>

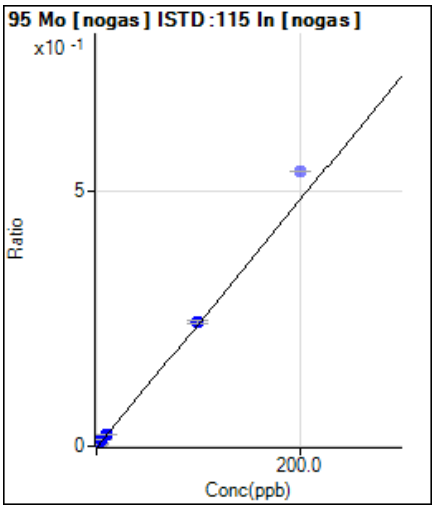
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	983.38	0.0005	P	9.6	
2	☐	2.000	2.126	48822.86	0.0260	P	0.6	6.3
3	☐	5.000	5.281	120067.33	0.0638	P	0.9	5.6
4	☐	10.000	10.502	234769.23	0.1264	P	4.4	5.0
5	☐	100.000	99.933	2206252.73	1.1978	A	2.0	-0.1
6	☑	200.000		4589134.62	2.6042	A	1.0	
7	☐	1.000						

y = 0.0120 * x + 5.2616E-004
R = 1.0000
DL = 0.01269 ppb
BEC = 0.04392 ppb

Weight: <None>
Min Conc: <None>

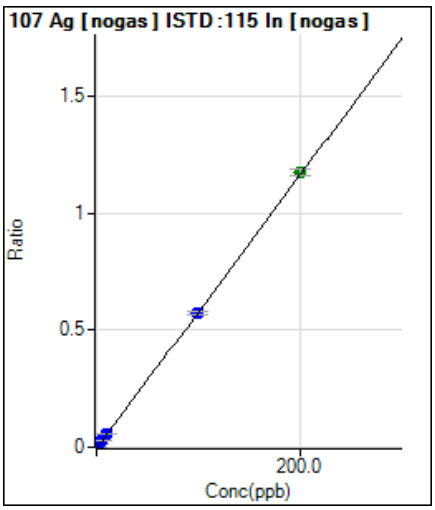


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	163.33	0.0001	P	26.3	
2	☐	2.000	1.983	9192.51	0.0049	P	5.3	-0.9
3	☐	5.000	4.746	21830.17	0.0116	P	3.0	-5.1
4	☐	10.000	9.707	43940.73	0.0236	P	1.8	-2.9
5	☐	100.000	100.042	447150.49	0.2428	P	3.1	0.0
6	☑	200.000		949616.31	0.5388	P	0.3	
7	☐	1.000						

y = 0.0024 * x + 8.7594E-005
R = 1.0000
DL = 0.02852 ppb
BEC = 0.0361 ppb

Weight: <None>
Min Conc: <None>

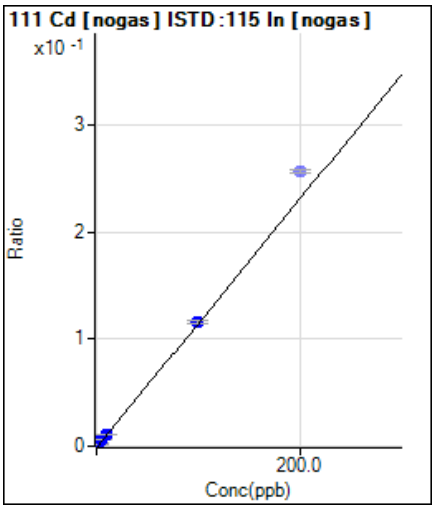
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	36.67	0.0000	P	42.2	
2	☐	2.000	1.925	21126.16	0.0113	P	1.0	-3.8
3	☐	5.000	4.830	53095.99	0.0282	P	0.6	-3.4
4	☐	10.000	9.693	105176.57	0.0566	P	2.9	-3.1
5	☐	100.000	97.913	1052549.59	0.5715	P	2.5	-2.1
6	☐	200.000	201.064	2067795.23	1.1735	A	1.8	0.5
7	☐	1.000						

y = 0.0058 * x + 1.9671E-005
R = 0.9999
DL = 0.004263 ppb
BEC = 0.00337 ppb

Weight: <None>
Min Conc: <None>

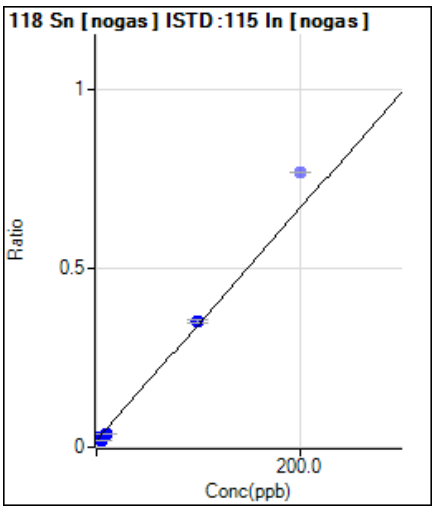


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	0.00	0.0000	P		
2	☐	2.000	1.988	4333.92	0.0023	P	4.9	-0.6
3	☐	5.000	4.895	10696.76	0.0057	P	2.3	-2.1
4	☐	10.000	9.722	20996.08	0.0113	P	2.2	-2.8
5	☐	100.000	100.033	213907.43	0.1162	P	2.8	0.0
6	☑	200.000		452106.67	0.2565	P	1.0	
7	☐	1.000						

y = 0.0012 * x + 0.0000E+000
R = 1.0000
DL = 0 ppb
BEC = 0 ppb

Weight: <None>
Min Conc: <None>

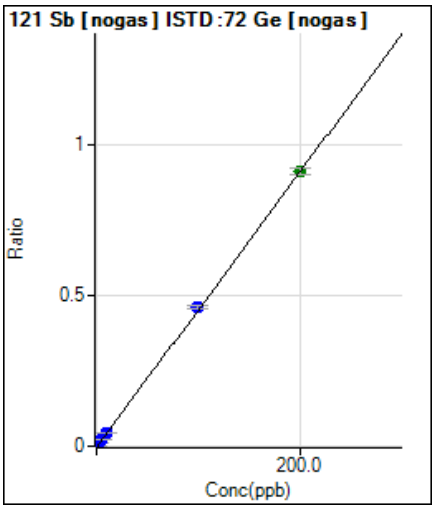
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	43751.36	0.0234	P	0.5	
2	☐	2.000	1.198	51211.63	0.0273	P	1.9	-40.1
3	☐	5.000	-0.998	37974.54	0.0202	P	1.1	-120.
4	☐	10.000	4.100	68112.04	0.0367	P	5.7	-59.0
5	☐	100.000	100.906	644311.19	0.3498	P	2.5	0.9
6	☑	200.000		1351306.33	0.7668	P	0.1	
7	☐	1.000						

y = 0.0032 * x + 0.0234
R = 0.9979
DL = 0.1135 ppb
BEC = 7.235 ppb

Weight: <None>
Min Conc: <None>

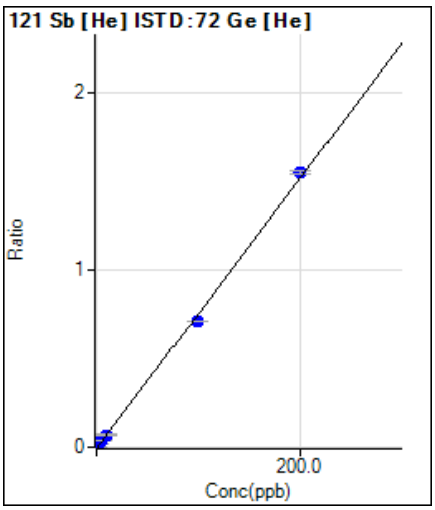


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1180.06	0.0006	P	7.6	
2	☐	2.000	1.940	18923.78	0.0095	P	2.6	-3.0
3	☐	5.000	4.751	43972.00	0.0224	P	1.5	-5.0
4	☐	10.000	9.534	87155.29	0.0443	P	2.9	-4.7
5	☐	100.000	101.267	895738.95	0.4645	P	2.6	1.3
6	☐	200.000	199.397	1714056.12	0.9140	A	2.8	-0.3
7	☐	1.000						

y = 0.0046 * x + 5.9269E-004
R = 1.0000
DL = 0.02937 ppb
BEC = 0.1294 ppb

Weight: <None>
Min Conc: <None>

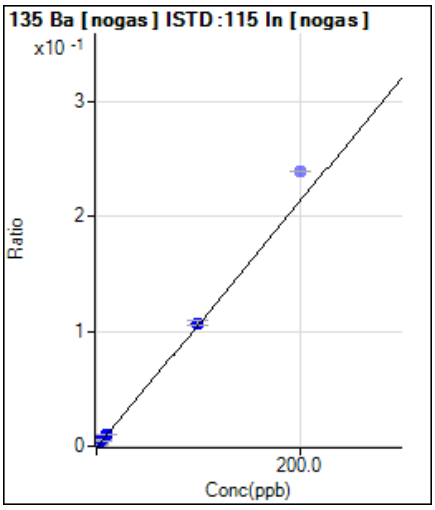
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	923.38	0.0010	P	10.2	
2	☐	2.000	1.803	13608.80	0.0147	P	1.9	-9.9
3	☐	5.000	4.374	31498.60	0.0343	P	1.7	-12.5
4	☐	10.000	9.037	63959.62	0.0697	P	0.8	-9.6
5	☐	100.000	93.084	637887.72	0.7088	P	1.2	-6.9
6	☐	200.000	203.524	1346606.34	1.5485	P	0.8	1.8
7	☐	1.000						

y = 0.0076 * x + 0.0010
R = 0.9992
DL = 0.04035 ppb
BEC = 0.1319 ppb

Weight: <None>
Min Conc: <None>

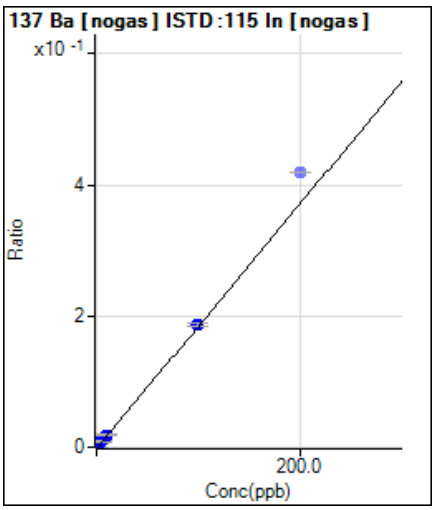


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	76.67	0.0000	P	21.4	
2	☐	2.000	1.923	3947.17	0.0021	P	6.8	-3.9
3	☐	5.000	4.694	9559.45	0.0051	P	2.6	-6.1
4	☐	10.000	9.477	18973.93	0.0102	P	4.3	-5.2
5	☐	100.000	100.069	197851.95	0.1074	P	3.2	0.1
6	☑	200.000		422123.61	0.2395	P	0.4	
7	☐	1.000						

y = 0.0011 * x + 4.1104E-005
R = 1.0000
DL = 0.02458 ppb
BEC = 0.0383 ppb

Weight: <None>
Min Conc: <None>

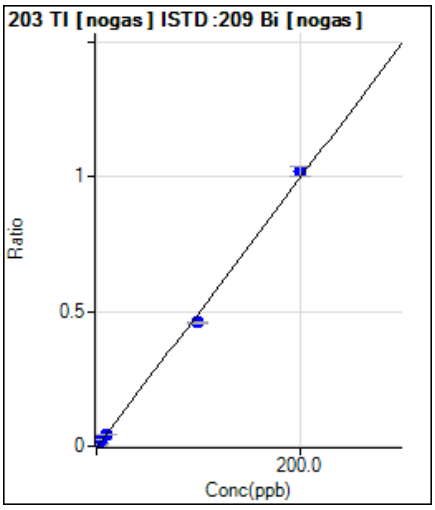
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	120.00	0.0001	P	15.7	
2	☐	2.000	2.043	7278.32	0.0039	P	2.3	2.1
3	☐	5.000	4.730	16738.36	0.0089	P	2.0	-5.4
4	☐	10.000	9.959	34648.46	0.0187	P	5.8	-0.4
5	☐	100.000	100.017	343941.77	0.1868	P	2.9	0.0
6	☑	200.000		739029.63	0.4193	P	0.2	
7	☐	1.000						

y = 0.0019 * x + 6.4286E-005
R = 1.0000
DL = 0.0162 ppb
BEC = 0.03444 ppb

Weight: <None>
Min Conc: <None>

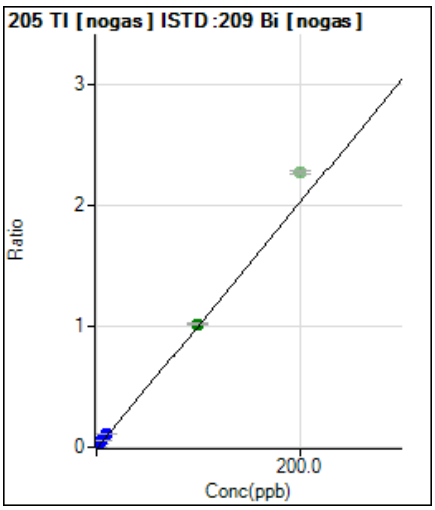


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	20.00	0.0000	P	48.2	
2	☐	2.000	1.841	13439.01	0.0092	P	5.1	-7.9
3	☐	5.000	4.440	32268.67	0.0222	P	3.4	-11.2
4	☐	10.000	8.804	65108.52	0.0440	P	3.6	-12.0
5	☐	100.000	91.951	665205.04	0.4596	P	1.3	-8.0
6	☐	200.000	204.100	1447584.04	1.0202	P	3.5	2.1
7	☐	1.000						

y = 0.0050 * x + 1.3960E-005
R = 0.9989
DL = 0.004039 ppb
BEC = 0.002793 ppb

Weight: <None>
Min Conc: <None>

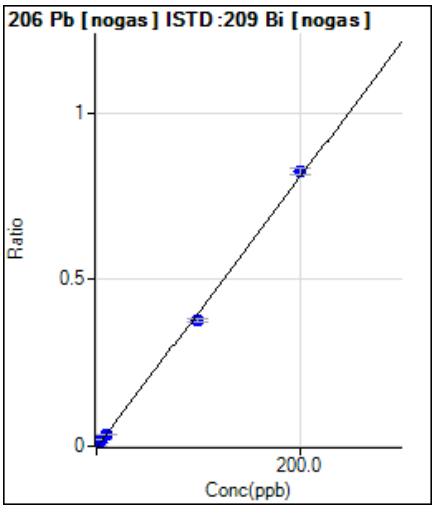
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	110.00	0.0001	P	35.4	
2	☐	2.000	2.109	31480.44	0.0216	P	1.2	5.4
3	☐	5.000	5.117	75948.40	0.0523	P	0.4	2.3
4	☐	10.000	10.328	155927.02	0.1054	P	3.4	3.3
5	☐	100.000	99.959	1475642.95	1.0195	A	2.0	0.0
6	☑	200.000		3233689.01	2.2788	A	1.8	
7	☐	1.000						

y = 0.0102 * x + 7.5661E-005
R = 1.0000
DL = 0.007873 ppb
BEC = 0.007419 ppb

Weight: <None>
Min Conc: <None>

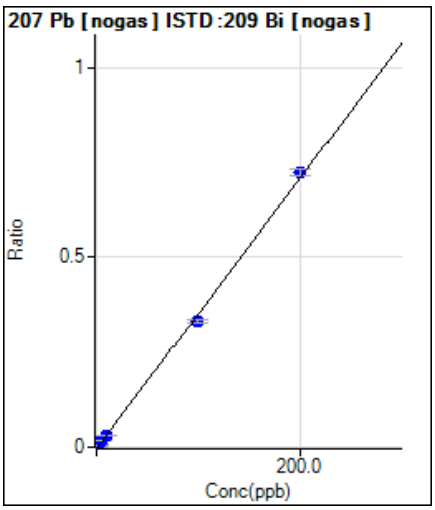


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	150.00	0.0001	P	43.8	
2	☐	2.000	1.920	11510.90	0.0079	P	4.4	-4.0
3	☐	5.000	4.576	27116.16	0.0187	P	2.5	-8.5
4	☐	10.000	8.861	53323.48	0.0360	P	0.8	-11.4
5	☐	100.000	93.603	549459.99	0.3797	P	2.7	-6.4
6	☐	200.000	203.267	1169705.09	0.8243	P	1.9	1.6
7	☐	1.000						

y = 0.0041 * x + 1.0600E-004
R = 0.9993
DL = 0.03436 ppb
BEC = 0.02614 ppb

Weight: <None>
Min Conc: <None>

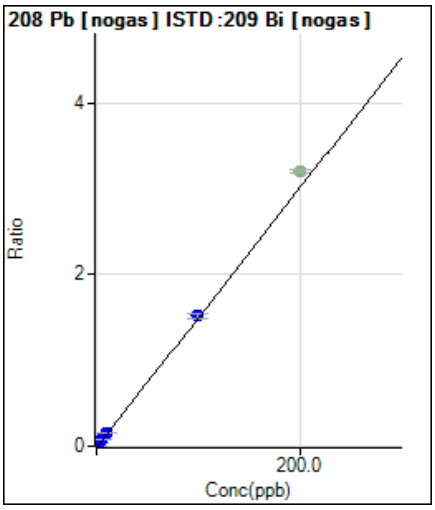
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	123.33	0.0001	P	37.0	
2	☐	2.000	1.810	9526.29	0.0065	P	3.6	-9.5
3	☐	5.000	4.547	23670.72	0.0163	P	2.8	-9.1
4	☐	10.000	8.892	47000.78	0.0318	P	1.7	-11.1
5	☐	100.000	93.320	481330.39	0.3326	P	2.9	-6.7
6	☐	200.000	203.409	1028496.00	0.7248	P	2.0	1.7
7	☐	1.000						

y = 0.0036 * x + 8.5507E-005
R = 0.9992
DL = 0.02665 ppb
BEC = 0.024 ppb

Weight: <None>
Min Conc: <None>

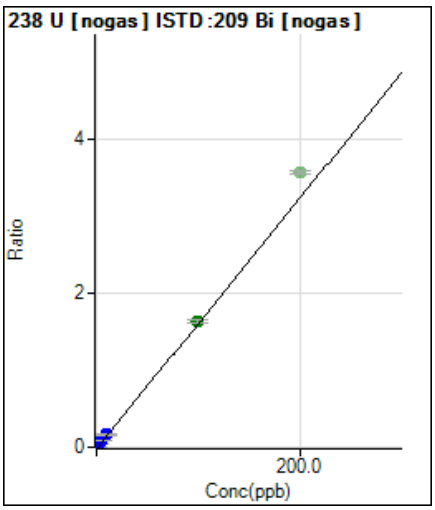


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	523.34	0.0004	P	21.8	
2	☐	2.000	2.008	44851.70	0.0308	P	2.9	0.4
3	☐	5.000	4.876	107799.27	0.0742	P	0.8	-2.5
4	☐	10.000	9.670	217093.79	0.1467	P	1.8	-3.3
5	☐	100.000	100.039	2191975.80	1.5146	P	2.9	0.0
6	☑	200.000		4543431.00	3.2018	A	1.6	
7	☐	1.000						

y = 0.0151 * x + 3.6563E-004
R = 1.0000
DL = 0.01583 ppb
BEC = 0.02416 ppb

Weight: <None>
Min Conc: <None>

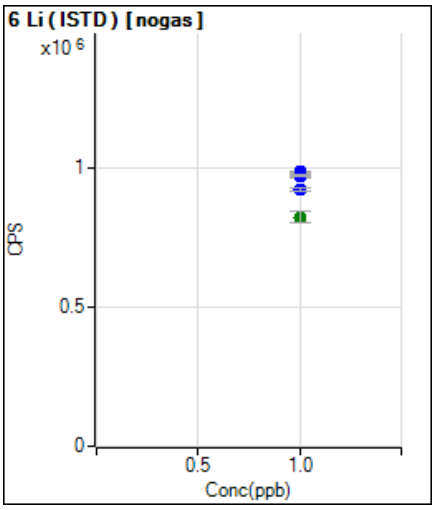
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	33.33	0.0000	P	23.9	
2	☐	2.000	2.065	48941.49	0.0336	P	0.6	3.2
3	☐	5.000	5.081	119966.64	0.0825	P	0.9	1.6
4	☐	10.000	10.051	241464.30	0.1633	P	4.1	0.5
5	☐	100.000	99.990	2350230.07	1.6239	A	2.3	0.0
6	☑	200.000		5055018.88	3.5623	A	1.5	
7	☐	1.000						

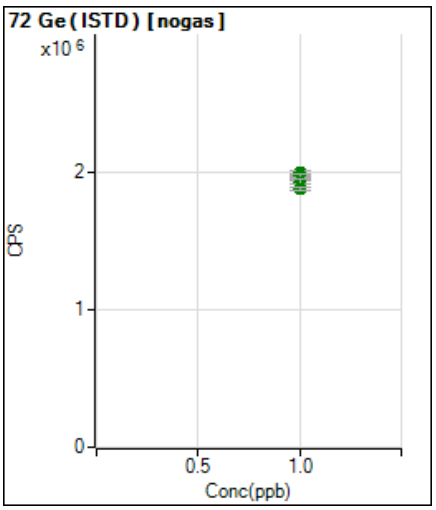
y = 0.0162 * x + 2.3473E-005
R = 1.0000
DL = 0.001037 ppb
BEC = 0.001445 ppb

Weight: <None>
Min Conc: <None>

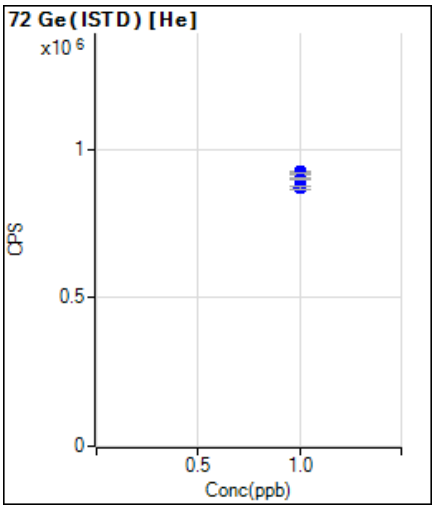


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		986666.30		P	0.3	
2	☐	1.000		979613.24		P	0.1	
3	☐	1.000		969054.57		P	1.8	
4	☐	1.000		973915.99		P	0.6	
5	☐	1.000		920100.69		P	0.9	
6	☐	1.000		820573.33		A	5.1	
7	☐	1.000						

Calibration for 019_ICV.d

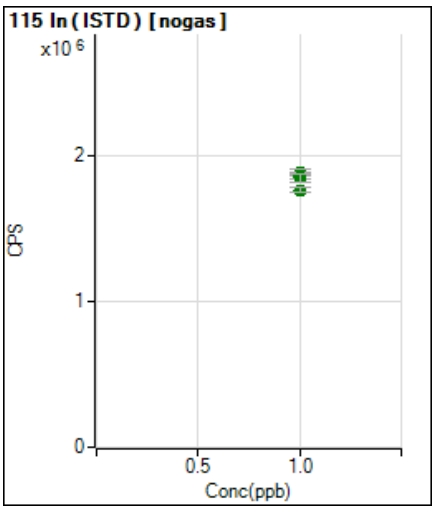


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1990043.88		A	1.4	
2	☐	1.000		1996438.56		A	0.8	
3	☐	1.000		1967762.11		A	3.7	
4	☐	1.000		1969434.97		A	1.5	
5	☐	1.000		1928985.44		A	1.4	
6	☐	1.000		1875824.40		A	1.5	
7	☐	1.000						

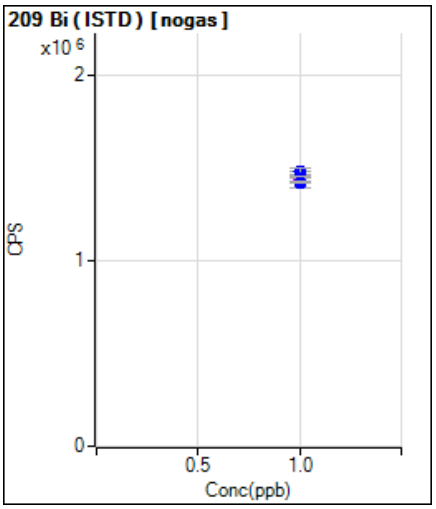


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		920366.50		P	0.9	
2	☐	1.000		925111.65		P	0.5	
3	☐	1.000		919418.95		P	0.4	
4	☐	1.000		917460.30		P	0.7	
5	☐	1.000		899967.30		P	0.2	
6	☐	1.000		869646.45		P	1.3	
7	☐	1.000						

Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1869410.32		A	1.6	
2	☐	1.000		1877619.83		A	2.5	
3	☐	1.000		1881906.87		A	1.9	
4	☐	1.000		1859495.83		A	2.8	
5	☐	1.000		1842574.82		A	2.9	
6	☐	1.000		1762345.33		A	1.6	
7	☐	1.000						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1433678.31		M	6.0	
2	☐	1.000		1458487.53		M	1.1	
3	☐	1.000		1453272.17		P	1.2	
4	☐	1.000		1479880.55		P	2.2	
5	☐	1.000		1447410.97		P	0.8	
6	☐	1.000		1419076.80		P	0.6	
7	☐	1.000						

Calibration Blank Report

Sample Table

Sample Name	CAL BLK
Data File Name	012CALB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:43:19-06:00
Sample Type	CalBlk
Level	1
Dilution	1
Comment	

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	15	222.22
B	11	1	nogas	8714	0.02
Al	27	1	nogas	30034	0.01
P	31	1	nogas	30084	0.01
Ti	47	1	nogas	173	18.33
Ni	60	1	nogas	433	2.63
Cu	63	1	nogas	5031	0.08
Zn	66	1	nogas	717	0.59
Se	77	1	nogas	14850	0.02
Se	82	1	nogas	417	4.90
Sr	88	1	nogas	983	0.96
Mo	95	1	nogas	163	15.15
Ag	107	1	nogas	37	113.62
Sn	118	1	nogas	43751	0.00
Sb	121	1	nogas	1180	0.73
Ba	137	1	nogas	120	12.03
Tl	205	1	nogas	110	36.02
Pb	208	1	nogas	523	4.26
Li	7	1	nogas	72197	0.00
Si	28	1	nogas	1007423	0.00
Na	23	2	He	36208	0.00
Mg	24	2	He	780	3.57
Al	27	2	He	1593	1.03
K	39	2	He	116642	0.00
Ca	43	2	He	73	38.71
Ca	44	2	He	2927	0.32
V	51	2	He	13137	0.01
Cr	52	2	He	2870	0.34
Mn	55	2	He	1433	0.79
Fe	56	2	He	21579	0.01
Co	59	2	He	137	6.18
Ni	60	2	He	257	4.88
Cu	63	2	He	2677	0.32
Zn	66	2	He	313	2.35
As	75	2	He	524	0.71
Sb	121	2	He	923	1.14
Se	78	2	He	400	0.78

Calibration Blank Report

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Ge	72	1	nogas	1990044	1.37
In	115	1	nogas	1869410	1.61

Calibration Blank Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Li	6	1	nogas	986666	0.28
Bi	209	1	nogas	1433678	5.97
Ge	72	2	He	920366	0.86

Calibration Standard Report

Sample Table

Sample Name	2/10/200
Data File Name	013CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:45:22-06:00
Sample Type	CalStd
Level	2
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	8849	0.04
B	11	1	nogas	32461	0.01
Al	27	1	nogas	57858	0.00
P	31	1	nogas	37758	0.00
Ti	47	1	nogas	3220	0.09
Ni	60	1	nogas	8379	0.01
Cu	63	1	nogas	24116	0.01
Zn	66	1	nogas	5814	0.05
Se	77	1	nogas	15237	0.02
Se	82	1	nogas	650	2.37
Sr	88	1	nogas	48823	0.01
Mo	95	1	nogas	9193	0.05
Ag	107	1	nogas	21126	0.01
Cd	111	1	nogas	4334	0.14
Sn	118	1	nogas	51212	0.00
Sb	121	1	nogas	18924	0.01
Ba	137	1	nogas	7278	0.03
Tl	205	1	nogas	31480	0.00
Pb	208	1	nogas	44852	0.01
Si	28	1	nogas	1063746	0.00
Na	23	2	He	357448	0.00
Mg	24	2	He	205305	0.00
Al	27	2	He	3300	0.26
K	39	2	He	401656	0.00
Ca	43	2	He	1003	0.99
Ca	44	2	He	15990	0.01
V	51	2	He	28959	0.00
Cr	52	2	He	19214	0.01
Mn	55	2	He	15270	0.02
Fe	56	2	He	1462473	0.00
Co	59	2	He	21720	0.01
Ni	60	2	He	5591	0.06
Cu	63	2	He	17001	0.03
Zn	66	2	He	3500	0.06
As	75	2	He	2887	0.05
Sb	121	2	He	13609	0.01
Se	78	2	He	699	1.35

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1996439	0.83	1990044	100.32	70	120	
In	115	1	nogas	1877620	2.52	1869410	100.44	70	120	
Li	6	1	nogas	979613	0.13	986666	99.29	70	120	
Bi	209	1	nogas	1458488	1.10	1433678	101.73	70	120	
Ge	72	2	He	925112	0.52	920366	100.52	70	120	

Calibration Standard Report

Sample Table

Sample Name	5/25/500
Data File Name	014CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:47:25-06:00
Sample Type	CalStd
Level	3
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	21590	0.01
B	11	1	nogas	67837	0.00
Al	27	1	nogas	92809	0.00
P	31	1	nogas	49057	0.00
Ti	47	1	nogas	7278	0.04
Ni	60	1	nogas	20789	0.02
Cu	63	1	nogas	52184	0.00
Zn	66	1	nogas	13492	0.03
Se	77	1	nogas	16398	0.02
Se	82	1	nogas	1247	0.63
Sr	88	1	nogas	120067	0.00
Mo	95	1	nogas	21830	0.01
Ag	107	1	nogas	53096	0.00
Cd	111	1	nogas	10697	0.03
Sn	118	1	nogas	37975	0.01
Sb	121	1	nogas	43972	0.01
Ba	137	1	nogas	16738	0.02
Tl	205	1	nogas	75948	0.00
Pb	208	1	nogas	107799	0.00
Si	28	1	nogas	1238484	0.00
Na	23	2	He	813452	0.00
Mg	24	2	He	496487	0.00
Al	27	2	He	5131	0.18
K	39	2	He	804318	0.00
Ca	43	2	He	1993	0.56
Ca	44	2	He	34729	0.00
V	51	2	He	50896	0.00
Cr	52	2	He	42115	0.01
Mn	55	2	He	34048	0.01
Fe	56	2	He	3435044	0.00
Co	59	2	He	54270	0.00
Ni	60	2	He	13555	0.03
Cu	63	2	He	36416	0.00
Zn	66	2	He	7632	0.11
As	75	2	He	6159	0.05
Sb	121	2	He	31499	0.00
Se	78	2	He	1059	0.37

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1967762	3.71	1990044	98.88	70	120	
In	115	1	nogas	1881907	1.88	1869410	100.67	70	120	
Li	6	1	nogas	969055	1.78	986666	98.22	70	120	
Bi	209	1	nogas	1453272	1.22	1433678	101.37	70	120	
Ge	72	2	He	919419	0.39	920366	99.90	70	120	

Calibration Standard Report

Sample Table

Sample Name	10/50/1000
Data File Name	015CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:49:26-06:00
Sample Type	CalStd
Level	4
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	43395	0.00
B	11	1	nogas	129796	0.00
Al	27	1	nogas	159432	0.00
P	31	1	nogas	68584	0.00
Ti	47	1	nogas	13732	0.02
Ni	60	1	nogas	41173	0.00
Cu	63	1	nogas	98257	0.00
Zn	66	1	nogas	26513	0.01
Se	77	1	nogas	18146	0.02
Se	82	1	nogas	1857	0.68
Sr	88	1	nogas	234769	0.00
Mo	95	1	nogas	43941	0.00
Ag	107	1	nogas	105177	0.00
Cd	111	1	nogas	20996	0.02
Sn	118	1	nogas	68112	0.00
Sb	121	1	nogas	87155	0.00
Ba	137	1	nogas	34648	0.01
Tl	205	1	nogas	155927	0.00
Pb	208	1	nogas	217094	0.00
Si	28	1	nogas	1456866	0.00
Na	23	2	He	1494016	0.00
Mg	24	2	He	981927	0.00
Al	27	2	He	8872	0.00
K	39	2	He	1436210	0.00
Ca	43	2	He	3967	0.05
Ca	44	2	He	67056	0.00
V	51	2	He	88096	0.00
Cr	52	2	He	82057	0.00
Mn	55	2	He	66636	0.00
Fe	56	2	He	6734245	0.00
Co	59	2	He	105972	0.00
Ni	60	2	He	25992	0.01
Cu	63	2	He	69688	0.00
Zn	66	2	He	14666	0.04
As	75	2	He	11947	0.03
Sb	121	2	He	63960	0.00
Se	78	2	He	1571	0.38

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1969435	1.46	1990044	98.96	70	120	
In	115	1	nogas	1859496	2.83	1869410	99.47	70	120	
Li	6	1	nogas	973916	0.64	986666	98.71	70	120	
Bi	209	1	nogas	1479881	2.23	1433678	103.22	70	120	
Ge	72	2	He	917460	0.67	920366	99.68	70	120	

Calibration Standard Report

Sample Table

Sample Name	100/500/10K
Data File Name	016CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:51:27-06:00
Sample Type	CalStd
Level	5
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	437434	0.00
B	11	1	nogas	1161322	0.00
Al	27	1	nogas	1293781	0.00
P	31	1	nogas	417549	0.00
Ti	47	1	nogas	142147	0.00
Ni	60	1	nogas	398604	0.00
Cu	63	1	nogas	939341	0.00
Zn	66	1	nogas	259386	0.00
Se	77	1	nogas	28225	0.01
Se	82	1	nogas	15997	0.02
Sr	88	1	nogas	2206253	0.00
Mo	95	1	nogas	447150	0.00
Ag	107	1	nogas	1052550	0.00
Cd	111	1	nogas	213907	0.00
Sn	118	1	nogas	644311	0.00
Sb	121	1	nogas	895739	0.00
Ba	137	1	nogas	343942	0.00
Tl	205	1	nogas	1475643	0.00
Pb	208	1	nogas	2191976	0.00
Si	28	1	nogas	4196428	0.00
Na	23	2	He	14321801	0.00
Mg	24	2	He	9105220	0.00
Al	27	2	He	74278	0.00
K	39	2	He	12938078	0.00
Ca	43	2	He	38042	0.00
Ca	44	2	He	651353	0.00
V	51	2	He	758967	0.00
Cr	52	2	He	793414	0.00
Mn	55	2	He	653838	0.00
Fe	56	2	He	66361136	0.00
Co	59	2	He	1045643	0.00
Ni	60	2	He	265092	0.00
Cu	63	2	He	667040	0.00
Zn	66	2	He	141248	0.00
As	75	2	He	114335	0.00
Sb	121	2	He	637888	0.00
Se	78	2	He	12028	0.01

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1928985	1.42	1990044	96.93	70	120	
In	115	1	nogas	1842575	2.91	1869410	98.56	70	120	
Li	6	1	nogas	920101	0.91	986666	93.25	70	120	
Bi	209	1	nogas	1447411	0.77	1433678	100.96	70	120	
Ge	72	2	He	899967	0.18	920366	97.78	70	120	

Calibration Standard Report

Sample Table

Sample Name	200/1000/20K
Data File Name	017CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:53:26-06:00
Sample Type	CalStd
Level	6
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	919169	0.00
B	11	1	nogas	2462967	0.00
Al	27	1	nogas	2497789	0.00
P	31	1	nogas	838423	0.00
Ti	47	1	nogas	300523	0.00
Ni	60	1	nogas	827278	0.00
Cu	63	1	nogas	1798804	0.00
Zn	66	1	nogas	524905	0.00
Se	77	1	nogas	40759	0.00
Se	82	1	nogas	32977	0.01
Sr	88	1	nogas	4589135	0.00
Mo	95	1	nogas	949616	0.00
Ag	107	1	nogas	2067795	0.00
Cd	111	1	nogas	452107	0.00
Sn	118	1	nogas	1351306	0.00
Sb	121	1	nogas	1714056	0.00
Ba	137	1	nogas	739030	0.00
Tl	205	1	nogas	3233689	0.00
Pb	208	1	nogas	4543431	0.00
Si	28	1	nogas	7593113	0.00
Na	23	2	He	29641845	0.00
Mg	24	2	He	18792272	0.00
Al	27	2	He	150323	0.00
K	39	2	He	26724428	0.00
Ca	43	2	He	82173	0.00
Ca	44	2	He	1333906	0.00
V	51	2	He	1502993	0.00
Cr	52	2	He	1610455	0.00
Mn	55	2	He	1346770	0.00
Fe	56	2	He	139072808	0.00
Co	59	2	He	2052141	0.00
Ni	60	2	He	544305	0.00
Cu	63	2	He	1372046	0.00
Zn	66	2	He	294520	0.00
As	75	2	He	239670	0.00
Sb	121	2	He	1346606	0.00
Se	78	2	He	24777	0.00

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1875824	1.46	1990044	94.26	70	120	
In	115	1	nogas	1762345	1.63	1869410	94.27	70	120	
Li	6	1	nogas	820573	5.08	986666	83.17	70	120	
Bi	209	1	nogas	1419077	0.60	1433678	98.98	70	120	
Ge	72	2	He	869646	1.31	920366	94.49	70	120	

Initial Calibration Verification (ICV) Report

Sample Table

Sample Name	ICV
Data File Name	019_ICV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:57:21-06:00
Sample Type	ICV
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	88.213	0.441	415549	1.01	100	88.2	90	110	ICV Main CR1 Failed
B	11	1	nogas	460.746	0.766	1164201	1.36	500	92.1	90	110	
Al	27	1	nogas	95.081	1.188	1244888	1.51	100	95.1	90	110	
P	31	1	nogas	457.566	1.080	408142	0.84	500	91.5	90	110	
Ti	47	1	nogas	88.088	1.510	134983	1.23	100	88.1	90	110	ICV Main CR1 Failed
Ni	60	1	nogas	90.305	1.003	382315	1.42	100	90.3	90	110	
Cu	63	1	nogas	95.725	1.232	896962	1.21	100	95.7	90	110	
Zn	66	1	nogas	91.300	1.475	246615	0.90	100	91.3	90	110	
Se	77	1	nogas	49.910	4.119	21453	2.61	100	49.9	90	110	ICV Main CR1 Failed
Se	82	1	nogas	92.342	4.463	15774	4.07	100	92.3	90	110	
Sr	88	1	nogas	90.074	1.196	2134687	2.05	100	90.1	90	110	
Mo	95	1	nogas	85.557	3.352	417667	1.29	100	85.6	90	110	ICV Main CR1 Failed
Ag	107	1	nogas	92.752	3.197	1000834	1.29	100	92.8	90	110	
Cd	111	1	nogas	89.180	2.408	207449	0.43	100	89.2	90	110	ICV Main CR1 Failed
Sn	118	1	nogas	86.032	3.911	618963	2.49	100	86.0	90	110	ICV Main CR1 Failed
Sb	121	1	nogas	96.516	2.179	860288	2.28	100	96.5	90	110	
Ba	137	1	nogas	86.665	3.063	328578	1.51	100	86.7	90	110	ICV Main CR1 Failed
Tl	205	1	nogas	93.408	4.449	1523563	3.46	100	93.4	90	110	
Pb	208	1	nogas	91.398	2.983	2116863	2.07	100	91.4	90	110	
U	238	1	nogas	88.638	0.969	2268509	1.61	100	88.6	90	110	ICV Main CR1 Failed
Li	7	1	nogas	92.845	2.715	1359312	1.90	100	92.8	90	110	
Si	28	1	nogas	5371.103	2.226	4641779	1.79	5000	107.4	90	110	
Ba	135	1	nogas	87.363	3.349	189415	1.26	100	87.4	90	110	ICV Main CR1 Failed
Tl	203	1	nogas	90.282	2.240	660056	1.20	100	90.3	90	110	
Na	23	2	He	9615.402	0.603	14548670	0.33	10000	96.2	90	110	
Mg	24	2	He	9574.153	1.244	9180840	0.87	10000	95.7	90	110	
Al	27	2	He	88.952	1.107	69206	1.43	100	89.0	90	110	ICV Main CR1 Failed
K	39	2	He	9607.897	1.421	13146609	1.09	10000	96.1	90	110	
Ca	43	2	He	9478.965	3.036	39429	2.62	10000	94.8	90	110	
Ca	44	2	He	9613.585	0.868	656329	0.46	10000	96.1	90	110	
V	51	2	He	93.122	0.813	725497	0.68	100	93.1	90	110	
Cr	52	2	He	93.573	0.950	772558	1.10	100	93.6	90	110	
Mn	55	2	He	91.257	0.124	627930	0.52	100	91.3	90	110	
Fe	56	2	He	9483.233	0.498	67105264	0.28	10000	94.8	90	110	
Co	59	2	He	96.692	0.774	1022420	0.65	100	96.7	90	110	
Ni	60	2	He	92.163	1.395	256292	1.19	100	92.2	90	110	
Cu	63	2	He	92.069	0.321	646097	0.55	100	92.1	90	110	
Zn	66	2	He	92.691	0.796	139149	0.73	100	92.7	90	110	
As	75	2	He	93.020	0.829	113625	0.68	100	93.0	90	110	
Sb	121	2	He	91.458	0.475	626001	0.53	100	91.5	90	110	
Se	78	2	He	92.713	1.354	11897	1.37	100	92.7	90	110	
Ti	47	2	He	93.315	1.185	32883	0.98	100	93.3	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1943321	1.27	1990044	97.65	70	120	
In	115	1	nogas	1849525	2.20	1869410	98.94	70	120	
Li	6	1	nogas	866405	0.68	986666	87.81	70	120	
Bi	209	1	nogas	1462883	1.04	1433678	102.04	70	120	
Ge	72	2	He	898882	0.42	920366	97.67	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV2
Data File Name	020LCV2.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:59:19-06:00
Sample Type	LLCCV2
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	1.722	1.698	8670	2.30	2	86.1	70	120	
B	11	1	nogas	32.140	7.961	94214	6.62	10	321.4	70	120	NewName Main CR1 Failed
Al	27	1	nogas	2.086	2.061	55277	0.81	2	104.3	70	120	
P	31	1	nogas	6.238	26.368	34098	3.33	10	62.4	70	120	NewName Main CR1 Failed
Ti	47	1	nogas	1.972	1.178	3147	1.57	2	98.6	70	120	
Ni	60	1	nogas	1.892	2.307	8319	3.01	2	94.6	70	120	
Cu	63	1	nogas	1.887	1.834	22214	1.03	2	94.4	70	120	
Zn	66	1	nogas	1.891	2.804	5721	3.16	2	94.5	70	120	
Se	77	1	nogas	-30.518	-10.775	10116	4.06	2	-1525.9	70	120	NewName Main CR1 Failed
Se	82	1	nogas	2.665	5.380	840	3.15	2	133.2	70	120	NewName Main CR1 Failed
Sr	88	1	nogas	1.953	1.023	47817	1.43	2	97.6	70	120	
Mo	95	1	nogas	2.181	3.084	10940	2.74	2	109.0	70	120	
Ag	107	1	nogas	1.919	2.253	21006	2.03	2	96.0	70	120	
Cd	111	1	nogas	1.781	7.725	4194	7.04	2	89.1	70	120	
Sn	118	1	nogas	1.207	8.930	51997	1.26	2	60.3	70	120	NewName Main CR1 Failed
Sb	121	1	nogas	2.043	1.481	19094	0.66	2	102.2	70	120	
Ba	137	1	nogas	1.795	2.085	7012	2.49	2	89.8	70	120	
Tl	205	1	nogas	2.144	7.948	34186	4.72	2	107.2	70	120	
Pb	208	1	nogas	1.964	2.172	44898	1.28	2	98.2	70	120	
Pb	206	1	nogas	1.925	3.062	11287	0.82	2	96.2	70	120	
Pb	207	1	nogas	1.947	4.022	10023	4.16	2	97.3	70	120	
U	238	1	nogas	2.014	3.910	50293	0.57	2	100.7	70	120	
Li	7	1	nogas	1.838	3.119	95023	0.88	2	91.9	70	120	
Ba	135	1	nogas	1.861	3.000	4161	2.50	2	93.0	70	120	
Tl	203	1	nogas	2.071	5.652	14784	3.42	2	103.5	70	120	
Na	23	2	He	206.215	0.047	339027	0.32	200	103.1	70	120	
Mg	24	2	He	207.852	0.803	195683	1.05	200	103.9	70	120	
Al	27	2	He	1.941	5.352	2967	2.53	2	97.0	70	120	
K	39	2	He	205.061	2.069	383481	1.18	200	102.5	70	120	
Ca	43	2	He	183.025	4.629	813	3.95	200	91.5	70	120	
Ca	44	2	He	192.777	1.082	15613	0.73	200	96.4	70	120	
V	51	2	He	1.193	2.916	21482	1.03	2	59.7	70	120	NewName Main CR1 Failed
Cr	52	2	He	1.953	7.040	18453	6.09	2	97.6	70	120	
Mn	55	2	He	2.021	4.455	14940	4.22	2	101.0	70	120	
Fe	56	2	He	197.246	1.056	1385332	0.76	200	98.6	70	120	
Co	59	2	He	2.022	3.843	21042	3.66	2	101.1	70	120	
Ni	60	2	He	1.921	3.738	5464	3.28	2	96.0	70	120	
Cu	63	2	He	1.816	6.557	14970	5.24	2	90.8	70	120	
Zn	66	2	He	1.882	3.797	3057	3.18	2	94.1	70	120	
As	75	2	He	2.002	2.933	2882	2.14	2	100.1	70	120	
Se	77	2	He	2.206	13.286	263	4.38	2	110.3	70	120	
Sb	121	2	He	1.997	2.937	14233	2.53	2	99.9	70	120	
Se	78	2	He	2.213	5.872	651	2.16	2	110.6	70	120	
Ti	47	2	He	2.361	11.689	820	11.76	2	118.0	70	120	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1918754	1.20	1990044	96.42	70	120	
In	115	1	nogas	1872261	0.81	1869410	100.15	70	120	
Li	6	1	nogas	924449	0.69	986666	93.69	70	120	
Bi	209	1	nogas	1427847	3.38	1433678	99.59	70	120	
Ge	72	2	He	879180	0.29	920366	95.52	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV5
Data File Name	021LCV5.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:01:22-06:00
Sample Type	LLCCV5
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	4.142	2.584	20980	3.19	5	82.8	70	130	
B	11	1	nogas	32.733	1.209	96506	1.59	25	130.9	70	130	NewName Main CR1 Failed
Al	27	1	nogas	4.790	3.190	89178	0.74	5	95.8	70	130	
P	31	1	nogas	19.570	10.159	44874	2.33	25	78.3	70	130	
Ti	47	1	nogas	4.462	2.564	6895	3.70	5	89.2	70	130	
Ni	60	1	nogas	4.621	1.041	19661	0.51	5	92.4	70	130	
Cu	63	1	nogas	4.765	1.366	48574	2.37	5	95.3	70	130	
Zn	66	1	nogas	4.594	2.945	12878	3.35	5	91.9	70	130	
Se	77	1	nogas	-25.361	-9.753	10797	1.73	5	-507.2	70	130	NewName Main CR1 Failed
Se	82	1	nogas	4.623	15.938	1160	11.95	5	92.5	70	130	
Sr	88	1	nogas	4.851	4.219	116158	2.47	5	97.0	70	130	
Mo	95	1	nogas	4.424	3.467	21817	2.02	5	88.5	70	130	
Ag	107	1	nogas	4.696	3.459	50853	1.89	5	93.9	70	130	
Cd	111	1	nogas	4.553	3.489	10630	5.27	5	91.1	70	130	
Sn	118	1	nogas	-0.880	-20.037	37494	1.89	5	-17.6	70	130	NewName Main CR1 Failed
Sb	121	1	nogas	5.001	0.886	44974	0.89	5	100.0	70	130	
Ba	137	1	nogas	4.376	1.486	16755	0.30	5	87.5	70	130	
Tl	205	1	nogas	4.697	2.138	77318	0.93	5	93.9	70	130	
Pb	208	1	nogas	4.633	2.379	108638	1.51	5	92.7	70	130	
U	238	1	nogas	4.686	3.025	120870	2.91	5	93.7	70	130	
Li	7	1	nogas	4.438	1.409	134679	0.49	5	88.8	70	130	
Si	28	1	nogas	163.307	10.366	1078469	0.39	25	653.2	70	130	NewName Main CR1 Failed
Na	23	2	He	505.499	1.120	778157	0.71	500	101.1	70	130	
Mg	24	2	He	505.627	0.826	473312	0.77	500	101.1	70	130	
Al	27	2	He	4.330	8.900	4727	5.76	5	86.6	70	130	
K	39	2	He	501.156	1.110	773648	0.51	500	100.2	70	130	
Ca	43	2	He	448.747	12.025	1887	12.02	500	89.7	70	130	
Ca	44	2	He	460.314	1.147	33286	1.34	500	92.1	70	130	
V	51	2	He	4.175	1.053	43652	1.12	5	83.5	70	130	
Cr	52	2	He	4.705	0.926	40461	1.13	5	94.1	70	130	
Mn	55	2	He	4.578	2.112	32001	1.70	5	91.6	70	130	
Fe	56	2	He	472.618	1.689	3279170	1.20	500	94.5	70	130	
Co	59	2	He	4.895	2.724	50572	2.62	5	97.9	70	130	
Ni	60	2	He	4.740	3.726	13078	3.48	5	94.8	70	130	
Cu	63	2	He	4.648	0.290	34215	0.32	5	93.0	70	130	
Zn	66	2	He	4.761	6.345	7248	5.61	5	95.2	70	130	
As	75	2	He	4.759	1.909	6140	1.44	5	95.2	70	130	
Sb	121	2	He	4.599	1.768	31519	1.29	5	92.0	70	130	
Se	78	2	He	5.191	4.400	1009	2.59	5	103.8	70	130	
Ti	47	2	He	5.040	7.549	1737	7.04	5	100.8	70	130	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1913927	1.45	1990044	96.18	70	120	
In	115	1	nogas	1854756	1.76	1869410	99.22	70	120	
Li	6	1	nogas	930938	0.68	986666	94.35	70	120	
Bi	209	1	nogas	1474165	1.36	1433678	102.82	70	120	
Ge	72	2	He	876155	0.47	920366	95.20	70	120	

Initial Calibration Blank (ICB) Report

Sample Table

Sample Name	ICB
Data File Name	022_ICB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:12:38-06:00
Sample Type	ICB
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.004	63.3	30	33.3	1	
B	11	1	nogas	8.382	4.7	26819	3.5	10	
Al	27	1	nogas	-0.525	-9.7	21613	3.3	5	
P	31	1	nogas	-4.827	-11.1	24256	1.3	10	
Ti	47	1	nogas	-0.024	-44.6	127	12.1	2.5	
Ni	60	1	nogas	0.039	29.3	563	8.4	2.5	
Cu	63	1	nogas	-0.178	-8.1	3107	4.6	1	
Zn	66	1	nogas	-0.036	-102.7	577	16.8	2.5	
Se	77	1	nogas	-20.973	-11.0	11064	2.5	2.5	
Se	82	1	nogas	-0.351	-76.5	333	12.5	1	
Sr	88	1	nogas	-0.006	-6.0	823	2.5	2.5	
Mo	95	1	nogas	0.111	9.1	647	8.8	2.5	
Ag	107	1	nogas	0.231	12.6	2477	11.2	2.5	
Cd	111	1	nogas	0.002	173.2	3	173.2	1	
Sn	118	1	nogas	-6.073	-0.5	6798	1.6	5	
Sb	121	1	nogas	0.053	26.9	1550	8.2	2.5	
Ba	137	1	nogas	0.009	95.7	147	19.7	2.5	
Tl	205	1	nogas	0.052	49.5	903	50.5	1	
Pb	208	1	nogas	0.017	43.2	930	30.0	2.5	
U	238	1	nogas	0.012	4.8	350	11.4	2.5	
Si	28	1	nogas	-26.214	-23.7	923281	0.9	5	
Na	23	2	He	1.033	14.9	35587	1.3	100	
Mg	24	2	He	0.117	47.1	843	7.1	100	
Al	27	2	He	-0.253	-90.0	1317	13.5	5	
K	39	2	He	-0.181	-975.3	109551	1.1	100	
Ca	43	2	He	-6.433	-22.6	43	13.3	100	
Ca	44	2	He	-15.915	-6.6	1713	4.4	100	
V	51	2	He	-0.402	-7.8	9399	2.0	2.5	
Cr	52	2	He	0.065	10.5	3214	2.8	2.5	
Mn	55	2	He	-0.018	-32.3	1230	2.2	2.5	
Fe	56	2	He	2.736	5.1	38968	2.3	100	
Co	59	2	He	0.006	41.2	193	13.0	2.5	
Ni	60	2	He	0.011	195.3	270	19.6	2.5	
Cu	63	2	He	-0.132	-6.9	1630	3.1	1	
Zn	66	2	He	0.011	470.6	310	22.6	2.5	
As	75	2	He	0.012	71.2	508	1.4	2.5	
Sb	121	2	He	0.026	16.4	1040	3.8	2.5	
Se	78	2	He	0.043	784.5	381	9.3	1	
Ti	47	2	He	0.021	80.1	13	43.3	2.5	

Initial Calibration Blank (ICB) Report

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1857232	0.45	1990044	93.33	70	120	
In	115	1	nogas	1809581	1.92	1869410	96.80	70	120	
Li	6	1	nogas	898757	1.27	986666	91.09	70	120	
Bi	209	1	nogas	1458776	11.22	1433678	101.75	70	120	
Ge	72	2	He	866401	1.15	920366	94.14	70	120	

Interference Check Solution A (ICS-A) Report

Sample Table

Sample Name	ICSA
Data File Name	023ICSA.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:14:43-06:00
Sample Type	ICSA
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.000	-550.7	12	65.5	0	ICSA Main CR1 Failed
B	11	1	nogas	7.158	2.9	22805	2.1	0	ICSA Main CR1 Failed
Al	27	1	nogas	88647.154	2.0	1043509931	1.2	0	
P	31	1	nogas	82717.810	1.6	63076854	0.9	0	
Ti	47	1	nogas	1718.753	1.4	2422314	0.5	0	
Ni	60	1	nogas	0.617	1.1	2794	1.8	0	ICSA Main CR1 Failed
Cu	63	1	nogas	0.819	6.3	11550	3.6	0	ICSA Main CR1 Failed
Zn	66	1	nogas	1.364	8.7	4027	6.4	0	ICSA Main CR1 Failed
Se	77	1	nogas	12.739	32.1	14983	3.2	0	
Se	82	1	nogas	0.166	289.9	400	17.5	0	ICSA Main CR1 Failed
Sr	88	1	nogas	0.939	1.4	21089	1.4	0	ICSA Main CR1 Failed
Mo	95	1	nogas	1805.389	1.2	7359076	0.6	0	
Ag	107	1	nogas	0.017	76.7	203	64.2	0	ICSA Main CR1 Failed
Cd	111	1	nogas	1.275	4.3	2487	3.0	0	ICSA Main CR1 Failed
Sn	118	1	nogas	-6.529	-0.5	3837	5.1	0	ICSA Main CR1 Failed
Sb	121	1	nogas	0.040	37.9	1390	8.1	0	ICSA Main CR1 Failed
Ba	137	1	nogas	0.068	35.8	320	22.5	0	ICSA Main CR1 Failed
Tl	205	1	nogas	0.003	88.3	133	24.1	0	ICSA Main CR1 Failed
Pb	208	1	nogas	0.031	28.1	1120	14.7	0	ICSA Main CR1 Failed
Si	28	1	nogas	110.764	28.6	975362	1.2	0	
Na	23	2	He	97614.237	0.8	134694848	0.9	0	
Mg	24	2	He	96124.672	1.3	84237954	0.8	0	
Al	27	2	He	89738.407	1.3	59555192	0.6	0	
K	39	2	He	95920.062	0.8	119023198	0.6	0	
Ca	43	2	He	92740.148	0.6	352020	0.2	0	
Ca	44	2	He	91068.375	0.9	5660395	1.0	0	
V	51	2	He	-0.457	-4.7	8533	1.7	0	ICSA Main CR1 Failed
Cr	52	2	He	0.945	2.3	9663	1.1	0	ICSA Main CR1 Failed
Mn	55	2	He	0.173	8.6	2364	3.9	0	ICSA Main CR1 Failed
Fe	56	2	He	95107.163	1.5	614907858	1.2	0	
Co	59	2	He	0.193	5.1	1990	4.9	0	ICSA Main CR1 Failed
Ni	60	2	He	0.199	11.8	733	8.3	0	ICSA Main CR1 Failed
Cu	63	2	He	0.129	9.2	3217	2.4	0	ICSA Main CR1 Failed
Zn	66	2	He	0.650	6.5	1170	4.8	0	ICSA Main CR1 Failed
As	75	2	He	0.184	21.7	673	6.8	0	ICSA Main CR1 Failed
Sb	121	2	He	-0.004	-287.5	800	8.7	0	ICSA Main CR1 Failed
Se	78	2	He	0.096	209.9	368	6.5	0	ICSA Main CR1 Failed
Ti	47	2	He	1896.996	0.5	610846	0.4	0	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1789445	0.89	1990044	89.92	70	120	
In	115	1	nogas	1680263	1.34	1869410	89.88	70	120	
Li	6	1	nogas	851858	1.35	986666	86.34	70	120	
Bi	209	1	nogas	1307217	1.94	1433678	91.18	70	120	
Ge	72	2	He	821550	0.64	920366	89.26	70	120	

Interference Check Solution AB (ICS-AB) Report

Sample Table

Sample Name	ICSAB
Data File Name	024ICSB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:16:42-06:00
Sample Type	ICSB
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	100.775	0.145	405699	0.94	100	100.8	80	120	
B	11	1	nogas	514.052	0.607	1099302	0.46	100	514.1	80	120	
Al	27	1	nogas	86397.319	2.129	1052542224	0.47	100	86397.3	80	120	ICSB Main CR1 Failed
Ti	47	1	nogas	1755.391	1.939	2560453	1.23	100	1755.4	80	120	ICSB Main CR1 Failed
Ni	60	1	nogas	88.004	0.530	355141	2.22	100	88.0	80	120	
Cu	63	1	nogas	92.995	0.808	830713	2.11	100	93.0	80	120	
Zn	66	1	nogas	92.255	0.878	237525	1.99	100	92.3	80	120	
Se	77	1	nogas	107.904	3.785	28139	1.13	100	107.9	80	120	
Se	82	1	nogas	87.844	2.157	14319	0.70	100	87.8	80	120	
Sr	88	1	nogas	95.437	1.364	2116193	1.40	100	95.4	80	120	
Mo	95	1	nogas	1849.685	2.273	7764069	0.48	100	1849.7	80	120	ICSB Main CR1 Failed
Ag	107	1	nogas	90.635	1.127	915459	1.61	100	90.6	80	120	
Cd	111	1	nogas	97.803	1.229	196499	0.61	100	97.8	80	120	
Sn	118	1	nogas	100.038	1.730	600525	1.91	100	100.0	80	120	
Sb	121	1	nogas	97.494	0.804	828290	2.09	100	97.5	80	120	
Ba	137	1	nogas	100.018	1.187	323217	2.45	100	100.0	80	120	
Tl	205	1	nogas	106.303	3.332	1465287	2.59	100	106.3	80	120	
Pb	208	1	nogas	94.835	2.869	2029559	2.19	100	94.8	80	120	
U	238	1	nogas	96.044	0.995	2271024	0.39	100	96.0	80	120	
Si	28	1	nogas	4743.566	2.383	4016311	1.21	100	4743.6	80	120	ICSB Main CR1 Failed
Na	23	2	He	102576.406	0.265	144779228	0.36	100	102576.4	80	120	ICSB Main CR1 Failed
Mg	24	2	He	102478.411	0.803	91864675	0.76	100	102478.4	80	120	ICSB Main CR1 Failed
Al	27	2	He	85818.813	0.473	58259721	0.38	100	85818.8	80	120	ICSB Main CR1 Failed
K	39	2	He	101506.739	1.363	128833271	1.38	100	101506.7	80	120	ICSB Main CR1 Failed
Ca	43	2	He	98630.404	0.533	382945	0.47	100	98630.4	80	120	ICSB Main CR1 Failed
Ca	44	2	He	96723.137	0.920	6149220	0.78	100	96723.1	80	120	ICSB Main CR1 Failed
V	51	2	He	97.678	0.387	710850	0.33	100	97.7	80	120	
Cr	52	2	He	94.507	0.520	729426	0.42	100	94.5	80	120	
Mn	55	2	He	93.422	0.874	600926	0.79	100	93.4	80	120	
Fe	56	2	He	101019.275	0.935	668096897	0.93	100	101019.3	80	120	ICSB Main CR1 Failed
Co	59	2	He	97.201	0.646	960878	0.73	100	97.2	80	120	
Ni	60	2	He	91.474	0.493	237814	0.36	100	91.5	80	120	
Cu	63	2	He	90.795	1.371	595691	1.25	100	90.8	80	120	
Zn	66	2	He	94.021	1.057	131950	0.94	100	94.0	80	120	
As	75	2	He	95.137	0.347	108632	0.31	100	95.1	80	120	
Sb	121	2	He	93.032	0.390	595298	0.46	100	93.0	80	120	
Se	78	2	He	95.008	1.373	11389	1.45	100	95.0	80	120	
Ti	47	2	He	1936.277	1.592	637759	1.45	100	1936.3	80	120	ICSB Main CR1 Failed

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1852390	2.52	1990044	93.08	70	120	
In	115	1	nogas	1730586	1.81	1869410	92.57	70	120	
Li	6	1	nogas	847452	1.04	986666	85.89	70	120	
Bi	209	1	nogas	1351673	0.81	1433678	94.28	70	120	
Ge	72	2	He	840343	0.15	920366	91.31	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01SD
Data File Name	028SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:24:43-06:00
Sample Type	Sample
Dilution	500
Comment	DISS B161680 Mn
ISTD Ref FileName	012CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.001	0.670	224.06	20	0.01	2000	
B	11	1	nogas	6.141	3070.642	8.54	22413	0.03	2000	
Al	27	1	nogas	3.299	1649.601	6.89	71066	0.00	2000	
Ti	47	1	nogas	0.038	19.018	65.83	227	0.02	2000	
Ni	60	1	nogas	0.170	85.176	4.59	1137	0.01	2000	
Cu	63	1	nogas	-0.271	-135.272	-3.21	2377	-0.01	2000	
Zn	66	1	nogas	0.675	337.310	17.21	2500	0.03	2000	
Se	77	1	nogas	-46.725	-23362.664	-3.46	7942	-0.59	2000	
Se	82	1	nogas	-0.130	-64.913	-93.04	383	-0.03	2000	
Sr	88	1	nogas	1.857	928.677	2.89	46340	0.00	2000	
Mo	95	1	nogas	0.507	253.363	5.17	2510	0.02	2000	
Ag	107	1	nogas	0.002	1.005	38.43	60	0.00	2000	
Cd	111	1	nogas	0.014	6.844	58.85	30	0.05	2000	
Sn	118	1	nogas	-6.907	-3453.296	-0.30	2027	-0.34	2000	
Sb	121	1	nogas	-0.065	-32.279	-18.48	573	-0.01	2000	
Ba	137	1	nogas	1.191	595.453	5.89	4357	0.03	2000	
Tl	205	1	nogas	0.005	2.453	17.70	183	0.00	2000	
Pb	208	1	nogas	0.004	2.021	25.62	627	0.00	2000	
U	238	1	nogas	0.002	0.888	54.28	80	0.00	2000	
Si	28	1	nogas	724.698	362348.972	5.80	1468692	0.05	2000	
Na	23	2	He	164.922	82461.217	1.14	280255	0.06	200000	
Mg	24	2	He	52.601	26300.566	1.35	50474	0.10	200000	
Al	27	2	He	4.820	2409.901	10.30	4987	0.10	2000	
K	39	2	He	8.425	4212.692	2.38	123573	0.01	200000	
Ca	43	2	He	237.642	118821.157	5.80	1043	22.78	200000	
Ca	44	2	He	252.766	126382.918	2.44	19757	1.28	200000	
V	51	2	He	-0.857	-428.633	-1.19	6181	-0.01	2000	
Cr	52	2	He	-0.030	-14.889	-82.57	2520	0.00	2000	
Mn	55	2	He	18.098	9049.214	0.81	123870	0.01	2000	
Fe	56	2	He	29.912	14956.198	1.74	229383	0.01	200000	
Co	59	2	He	0.004	2.151	75.54	177	0.00	2000	
Ni	60	2	He	0.188	94.195	9.13	763	0.02	2000	
Cu	63	2	He	-0.123	-61.646	-44.30	1727	-0.01	2000	
Zn	66	2	He	0.716	358.157	11.85	1360	0.05	2000	
As	75	2	He	-0.188	-93.888	-12.97	280	-0.07	2000	
Sb	121	2	He	-0.069	-34.328	-26.48	427	-0.02	2000	
Se	78	2	He	-0.004	-1.982	-4668.55	385	0.00	2000	
Ti	47	2	He	0.269	134.718	21.42	100	0.27	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1931818	1.42	1990044	97.07	70	120	
In	115	1	nogas	1906589	2.57	1869410	101.99	70	120	
Li	6	1	nogas	925466	0.64	986666	93.80	70	120	

Sample Report

Bi	209	1	nogas	1458135	3.34	1433678	101.71	70	120	
Ge	72	2	He	886154	0.94	920366	96.28	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01PDS
Data File Name	029SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:26:47-06:00
Sample Type	Sample
Dilution	100
Comment	DISS B161680 Mn
ISTD Ref FileName	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	101.817	10181.714	0.89	440046	0.02	2000	
B	11	1	nogas	6.881	688.117	6.39	23720	0.03	2000	
Al	27	1	nogas	99.769	9976.866	5.15	1278917	0.01	2000	
Ti	47	1	nogas	94.297	9429.690	0.36	141636	0.07	2000	
Ni	60	1	nogas	97.519	9751.898	0.35	404660	0.02	2000	
Cu	63	1	nogas	103.826	10382.640	0.30	953251	0.01	2000	
Zn	66	1	nogas	99.444	9944.358	0.68	263257	0.04	2000	
Se	77	1	nogas	28.992	2899.151	18.64	18173	0.16	2000	
Se	82	1	nogas	98.237	9823.721	1.08	16424	0.60	2000	
Sr	88	1	nogas	8.760	876.036	2.50	203987	0.00	2000	
Mo	95	1	nogas	105.101	10510.062	2.17	461556	0.02	2000	
Ag	107	1	nogas	100.274	10027.353	1.58	1059183	0.01	2000	
Cd	111	1	nogas	105.177	10517.693	1.02	221041	0.05	2000	
Sn	118	1	nogas	-6.898	-689.771	-0.46	1973	-0.35	2000	
Sb	121	1	nogas	99.366	9936.575	0.29	868163	0.01	2000	
Ba	137	1	nogas	109.909	10990.904	2.81	371320	0.03	2000	
Tl	205	1	nogas	103.980	10398.035	2.15	1564983	0.01	2000	
Pb	208	1	nogas	96.960	9696.034	0.34	2265861	0.00	2000	
U	238	1	nogas	0.003	0.318	50.38	117	0.00	2000	
Si	28	1	nogas	2325.529	232552.913	0.96	2516876	0.09	2000	>LDR
Na	23	2	He	10490.207	1049020.713	1.20	15758819	0.07	200000	
Mg	24	2	He	10084.064	1008406.421	1.14	9602947	0.11	200000	
Al	27	2	He	102.061	10206.141	1.04	75142	0.14	2000	
K	39	2	He	9840.903	984090.322	1.74	13369304	0.07	200000	
Ca	43	2	He	10374.526	1037452.611	1.25	42853	24.21	200000	
Ca	44	2	He	10822.863	1082286.339	1.30	733388	1.48	200000	
V	51	2	He	100.199	10019.869	0.62	774244	0.01	2000	
Cr	52	2	He	99.077	9907.697	1.51	812117	0.01	2000	
Mn	55	2	He	175.670	17567.001	0.54	1199087	0.01	2000	
Fe	56	2	He	9766.478	976647.773	2.21	68623972	0.01	200000	
Co	59	2	He	102.698	10269.813	1.16	1078354	0.01	2000	
Ni	60	2	He	97.936	9793.580	0.43	270449	0.04	2000	
Cu	63	2	He	97.859	9785.860	0.91	681782	0.01	2000	
Zn	66	2	He	98.448	9844.785	1.46	146741	0.07	2000	
As	75	2	He	95.709	9570.929	0.39	116087	0.08	2000	
Sb	121	2	He	92.325	9232.456	0.73	627540	0.01	2000	
Se	78	2	He	98.089	9808.938	1.31	12477	0.79	2000	
Ti	47	2	He	97.647	9764.733	0.06	34172	0.29	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1904846	0.76	1990044	95.72	70	120	
In	115	1	nogas	1810223	2.79	1869410	96.83	70	120	
Li	6	1	nogas	909850	1.32	986666	92.21	70	120	

Sample Report

Bi	209	1	nogas	1475809	1.40	1433678	102.94	70	120	
Ge	72	2	He	892665	0.80	920366	96.99	70	120	

Sample Report

Sample Table

Sample Name	HS21010391-01
Data File Name	030SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:28:47-06:00
Sample Type	Sample
Dilution	100
Comment	DISS B161680 Mn
ISTD Ref FileName	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.024	2.371	43.99	118	0.02	2000	
B	11	1	nogas	6.128	612.850	4.61	22423	0.03	2000	
Al	27	1	nogas	2.058	205.807	4.88	56284	0.00	2000	
Ti	47	1	nogas	0.111	11.090	32.92	343	0.03	2000	
Ni	60	1	nogas	0.019	1.931	121.66	510	0.00	2000	
Cu	63	1	nogas	-0.293	-29.330	-12.94	2207	-0.01	2000	
Zn	66	1	nogas	0.293	29.275	8.27	1507	0.02	2000	
Se	77	1	nogas	-65.669	-6566.938	-1.38	5414	-1.21	2000	
Se	82	1	nogas	0.442	44.214	72.54	487	0.09	2000	
Sr	88	1	nogas	9.214	921.362	0.26	224203	0.00	2000	
Mo	95	1	nogas	0.840	84.004	14.81	4021	0.02	2000	
Ag	107	1	nogas	0.015	1.477	31.72	200	0.01	2000	
Cd	111	1	nogas	0.044	4.408	43.27	97	0.05	2000	
Sn	118	1	nogas	-6.950	-695.047	-0.14	1740	-0.40	2000	
Sb	121	1	nogas	1.775	177.550	16.93	17142	0.01	2000	
Ba	137	1	nogas	7.033	703.336	4.23	24948	0.03	2000	
Tl	205	1	nogas	0.065	6.508	39.90	1087	0.01	2000	
Pb	208	1	nogas	0.028	2.780	43.44	1187	0.00	2000	
U	238	1	nogas	0.000	0.007	839.74	37	0.00	2000	
Si	28	1	nogas	2051.967	205196.712	0.96	2409589	0.09	2000	>LDR
Na	23	2	He	814.545	81454.479	3.02	1275418	0.06	200000	
Mg	24	2	He	233.557	23355.650	0.49	226603	0.10	200000	
Al	27	2	He	2.390	239.022	11.52	3320	0.07	2000	
K	39	2	He	42.307	4230.682	2.06	172748	0.02	200000	
Ca	43	2	He	1236.343	123634.288	5.41	5247	23.56	200000	
Ca	44	2	He	1248.166	124816.626	2.08	88435	1.41	200000	
V	51	2	He	-1.169	-116.861	-1.36	3919	-0.03	2000	
Cr	52	2	He	-0.029	-2.916	-25.96	2584	0.00	2000	
Mn	55	2	He	73.454	7345.406	1.40	509925	0.01	2000	
Fe	56	2	He	69.490	6948.980	0.98	516943	0.01	200000	
Co	59	2	He	0.030	2.955	15.52	450	0.01	2000	
Ni	60	2	He	-0.010	-1.049	-115.20	223	0.00	2000	
Cu	63	2	He	-0.196	-19.594	-0.93	1257	-0.02	2000	
Zn	66	2	He	0.308	30.767	20.98	773	0.04	2000	
As	75	2	He	-0.071	-7.129	-61.78	429	-0.02	2000	
Sb	121	2	He	1.181	118.124	4.11	9052	0.01	2000	
Se	78	2	He	0.490	49.009	77.09	455	0.11	2000	
Ti	47	2	He	0.169	16.935	35.48	67	0.25	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1966308	1.00	1990044	98.81	70	120	
In	115	1	nogas	1891353	0.86	1869410	101.17	70	120	
Li	6	1	nogas	926990	0.53	986666	93.95	70	120	

Sample Report

Bi	209	1	nogas	1478585	2.53	1433678	103.13	70	120	
Ge	72	2	He	906464	1.00	920366	98.49	70	120	

Sample Report

Sample Table

Sample Name	HS21010391-02
Data File Name	031SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:30:48-06:00
Sample Type	Sample
Dilution	100
Comment	DISS B161680 Mn
ISTD Ref FileName	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.004	0.433	76.33	33	0.01	2000	
B	11	1	nogas	6.043	604.325	4.53	22376	0.03	2000	
Al	27	1	nogas	2.001	200.092	10.22	55785	0.00	2000	
Ti	47	1	nogas	0.020	1.995	131.24	203	0.01	2000	
Ni	60	1	nogas	0.006	0.630	112.36	457	0.00	2000	
Cu	63	1	nogas	-0.295	-29.477	-7.43	2204	-0.01	2000	
Zn	66	1	nogas	0.535	53.491	2.76	2177	0.02	2000	
Se	77	1	nogas	-61.630	-6162.993	-1.78	6011	-1.03	2000	
Se	82	1	nogas	-0.027	-2.736	-951.61	410	-0.01	2000	
Sr	88	1	nogas	9.630	962.986	2.21	240152	0.00	2000	
Mo	95	1	nogas	0.326	32.638	10.36	1707	0.02	2000	
Ag	107	1	nogas	0.004	0.429	24.38	87	0.00	2000	
Cd	111	1	nogas	0.009	0.897	86.61	20	0.04	2000	
Sn	118	1	nogas	-6.970	-697.037	-0.19	1660	-0.42	2000	
Sb	121	1	nogas	0.461	46.077	6.62	5338	0.01	2000	
Ba	137	1	nogas	7.316	731.563	6.23	26584	0.03	2000	
Tl	205	1	nogas	0.008	0.829	29.38	240	0.00	2000	
Pb	208	1	nogas	-0.003	-0.316	-95.80	473	0.00	2000	
U	238	1	nogas	0.000	-0.045	-126.42	23	0.00	2000	
Si	28	1	nogas	2170.800	217079.951	2.75	2503067	0.09	2000	>LDR
Na	23	2	He	836.280	83627.951	1.95	1298269	0.06	200000	
Mg	24	2	He	253.068	25306.784	0.76	243556	0.10	200000	
Al	27	2	He	2.206	220.604	19.86	3160	0.07	2000	
K	39	2	He	44.088	4408.754	4.97	173811	0.03	200000	
Ca	43	2	He	1317.895	131789.547	3.53	5548	23.76	200000	
Ca	44	2	He	1343.799	134379.865	1.86	94249	1.43	200000	
V	51	2	He	-1.118	-111.801	-2.63	4276	-0.03	2000	
Cr	52	2	He	-0.028	-2.793	-54.17	2574	0.00	2000	
Mn	55	2	He	79.313	7931.264	2.04	546200	0.01	2000	
Fe	56	2	He	72.803	7280.289	1.19	536353	0.01	200000	
Co	59	2	He	0.008	0.753	50.19	213	0.00	2000	
Ni	60	2	He	-0.017	-1.699	-216.98	203	-0.01	2000	
Cu	63	2	He	-0.179	-17.886	-10.33	1367	-0.01	2000	
Zn	66	2	He	0.608	60.772	15.45	1217	0.05	2000	
As	75	2	He	-0.145	-14.548	-11.77	336	-0.04	2000	
Sb	121	2	He	0.392	39.212	4.01	3584	0.01	2000	
Se	78	2	He	-0.044	-4.420	-236.36	385	-0.01	2000	
Ti	47	2	He	0.123	12.350	61.17	50	0.25	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1975801	2.06	1990044	99.28	70	120	
In	115	1	nogas	1939028	1.72	1869410	103.72	70	120	
Li	6	1	nogas	933309	0.58	986666	94.59	70	120	

Sample Report

Bi	209	1	nogas	1499126	1.44	1433678	104.57	70	120	
Ge	72	2	He	899363	0.51	920366	97.72	70	120	

Sample Report

Sample Table

Sample Name	HS21010391-03
Data File Name	032SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:32:48-06:00
Sample Type	Sample
Dilution	50
Comment	DISS B161680 Mn
ISTD Ref FileName	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.003	0.159	113.96	28	0.01	2000	
B	11	1	nogas	6.603	330.155	4.83	23760	0.03	2000	
Al	27	1	nogas	1.935	96.735	6.24	55207	0.00	2000	
Ti	47	1	nogas	-0.032	-1.591	-85.15	123	-0.03	2000	
Ni	60	1	nogas	-0.003	-0.137	-402.56	420	0.00	2000	
Cu	63	1	nogas	-0.339	-16.951	-3.37	1790	-0.02	2000	
Zn	66	1	nogas	0.102	5.119	71.12	997	0.01	2000	
Se	77	1	nogas	-57.583	-2879.140	-3.33	6615	-0.87	2000	
Se	82	1	nogas	0.434	21.720	130.79	490	0.09	2000	
Sr	88	1	nogas	13.731	686.543	1.84	338918	0.00	2000	
Mo	95	1	nogas	0.259	12.934	7.68	1373	0.02	2000	
Ag	107	1	nogas	0.000	0.011	1233.18	40	0.00	2000	
Cd	111	1	nogas	0.010	0.524	99.31	23	0.04	2000	
Sn	118	1	nogas	-6.963	-348.148	-0.19	1690	-0.41	2000	
Sb	121	1	nogas	0.192	9.622	20.16	2927	0.01	2000	
Ba	137	1	nogas	10.939	546.972	1.88	39358	0.03	2000	
Tl	205	1	nogas	0.004	0.202	180.87	163	0.00	2000	
Pb	208	1	nogas	-0.007	-0.326	-81.52	370	0.00	2000	
U	238	1	nogas	0.001	0.069	49.45	67	0.00	2000	
Si	28	1	nogas	2627.169	131358.474	0.85	2832527	0.09	2000	>LDR
Na	23	2	He	695.965	34798.265	0.79	1087001	0.06	200000	
Mg	24	2	He	361.934	18096.721	0.63	348179	0.10	200000	
Al	27	2	He	2.634	131.688	5.08	3474	0.08	2000	
K	39	2	He	56.000	2800.025	1.75	190086	0.03	200000	
Ca	43	2	He	1844.366	92218.324	3.53	7738	23.83	200000	
Ca	44	2	He	1835.931	91796.574	0.40	127793	1.44	200000	
V	51	2	He	-1.097	-54.838	-1.75	4442	-0.02	2000	
Cr	52	2	He	-0.053	-2.641	-4.15	2370	0.00	2000	
Mn	55	2	He	82.400	4120.001	0.46	567726	0.01	2000	
Fe	56	2	He	77.442	3872.096	0.27	569509	0.01	200000	
Co	59	2	He	0.048	2.424	17.66	647	0.01	2000	
Ni	60	2	He	0.022	1.121	161.00	313	0.01	2000	
Cu	63	2	He	-0.237	-11.828	-3.47	963	-0.02	2000	
Zn	66	2	He	0.136	6.791	62.58	510	0.03	2000	
As	75	2	He	-0.203	-10.158	-23.84	266	-0.08	2000	
Sb	121	2	He	0.194	9.677	3.38	2227	0.01	2000	
Se	78	2	He	-0.175	-8.755	-75.79	369	-0.05	2000	
Ti	47	2	He	0.152	7.581	32.57	60	0.25	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1984890	0.81	1990044	99.74	70	120	
In	115	1	nogas	1921625	1.87	1869410	102.79	70	120	
Li	6	1	nogas	936232	0.86	986666	94.89	70	120	

Sample Report

Bi	209	1	nogas	1407426	2.85	1433678	98.17	70	120	
Ge	72	2	He	899838	0.15	920366	97.77	70	120	

Sample Report

Sample Table

Sample Name	HS21010391-04
Data File Name	033SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:34:48-06:00
Sample Type	Sample
Dilution	50
Comment	DISS B161680 Mn
ISTD Ref FileName	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.001	0.027	241.42	17	0.00	2000	
B	11	1	nogas	6.386	319.286	3.06	23282	0.03	2000	
Al	27	1	nogas	4.729	236.461	2.11	92745	0.01	2000	
Ti	47	1	nogas	-0.003	-0.161	-1209.42	170	0.00	2000	
Ni	60	1	nogas	-0.013	-0.651	-18.00	380	0.00	2000	
Cu	63	1	nogas	-0.323	-16.168	-7.86	1960	-0.02	2000	
Zn	66	1	nogas	0.330	16.481	14.14	1640	0.02	2000	
Se	77	1	nogas	-56.741	-2837.070	-3.68	6811	-0.83	2000	
Se	82	1	nogas	-0.219	-10.934	-197.72	383	-0.06	2000	
Sr	88	1	nogas	16.070	803.481	0.74	398391	0.00	2000	
Mo	95	1	nogas	0.236	11.823	18.55	1277	0.02	2000	
Ag	107	1	nogas	0.002	0.113	100.17	63	0.00	2000	
Cd	111	1	nogas	0.003	0.149	173.21	7	0.04	2000	
Sn	118	1	nogas	-6.932	-346.611	-0.09	1890	-0.37	2000	
Sb	121	1	nogas	0.102	5.122	41.70	2130	0.00	2000	
Ba	137	1	nogas	10.793	539.660	2.44	39024	0.03	2000	
Tl	205	1	nogas	-0.001	-0.050	-451.13	97	0.00	2000	
Pb	208	1	nogas	-0.006	-0.295	-23.68	410	0.00	2000	
U	238	1	nogas	0.035	1.740	7.06	950	0.00	2000	
Si	28	1	nogas	2897.353	144867.631	3.54	3054613	0.09	2000	>LDR
Na	23	2	He	810.467	40523.326	1.19	1261406	0.06	200000	
Mg	24	2	He	407.509	20375.456	1.69	392358	0.10	200000	
Al	27	2	He	4.684	234.180	16.44	4967	0.09	2000	
K	39	2	He	64.436	3221.813	4.73	201749	0.03	200000	
Ca	43	2	He	2167.449	108372.439	6.48	9096	23.83	200000	
Ca	44	2	He	2282.584	114129.206	0.68	158366	1.44	200000	
V	51	2	He	-1.090	-54.504	-2.01	4497	-0.02	2000	
Cr	52	2	He	-0.061	-3.044	-13.16	2307	0.00	2000	
Mn	55	2	He	76.686	3834.319	1.01	529038	0.01	2000	
Fe	56	2	He	83.682	4184.094	0.72	614413	0.01	200000	
Co	59	2	He	0.008	0.389	84.59	217	0.00	2000	
Ni	60	2	He	-0.024	-1.221	-9.65	183	-0.01	2000	
Cu	63	2	He	-0.212	-10.619	-5.73	1133	-0.02	2000	
Zn	66	2	He	0.432	21.614	25.80	957	0.05	2000	
As	75	2	He	-0.190	-9.491	-8.13	282	-0.07	2000	
Sb	121	2	He	0.091	4.525	5.06	1523	0.01	2000	
Se	78	2	He	-0.032	-1.606	-919.33	387	-0.01	2000	
Ti	47	2	He	0.056	2.823	151.13	27	0.21	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2007516	0.68	1990044	100.88	70	120	
In	115	1	nogas	1930553	0.96	1869410	103.27	70	120	
Li	6	1	nogas	937524	1.16	986666	95.02	70	120	

Sample Report

Bi	209	1	nogas	1503490	3.84	1433678	104.87	70	120	
Ge	72	2	He	900897	1.11	920366	97.88	70	120	

Sample Report

Sample Table

Sample Name	HS21010391-05
Data File Name	034SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:36:49-06:00
Sample Type	Sample
Dilution	50
Comment	DISS B161680 Mn
ISTD Ref FileName	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.003	0.172	128.31	30	0.01	2000	
B	11	1	nogas	6.305	315.230	1.82	23383	0.03	2000	
Al	27	1	nogas	1.653	82.656	4.19	51995	0.00	2000	
Ti	47	1	nogas	-0.013	-0.667	-178.75	153	-0.01	2000	
Ni	60	1	nogas	-0.033	-1.673	-12.03	290	-0.01	2000	
Cu	63	1	nogas	-0.351	-17.571	-10.68	1683	-0.02	2000	
Zn	66	1	nogas	0.023	1.169	19.68	787	0.00	2000	
Se	77	1	nogas	-56.476	-2823.797	-5.03	6831	-0.83	2000	
Se	82	1	nogas	-0.174	-8.699	-204.40	390	-0.04	2000	
Sr	88	1	nogas	19.900	995.005	1.29	505299	0.00	2000	
Mo	95	1	nogas	0.121	6.038	14.55	753	0.02	2000	
Ag	107	1	nogas	0.001	0.063	43.10	53	0.00	2000	
Cd	111	1	nogas	0.006	0.291	44.06	13	0.04	2000	
Sn	118	1	nogas	-6.970	-348.490	-0.48	1697	-0.41	2000	
Sb	121	1	nogas	0.052	2.581	12.40	1660	0.00	2000	
Ba	137	1	nogas	12.917	645.869	3.03	47829	0.03	2000	
Tl	205	1	nogas	-0.003	-0.129	-95.47	73	0.00	2000	
Pb	208	1	nogas	-0.009	-0.462	-46.33	323	0.00	2000	
U	238	1	nogas	0.001	0.029	302.29	50	0.00	2000	
Si	28	1	nogas	3478.543	173927.157	0.85	3455749	0.10	2000	>LDR
Na	23	2	He	836.005	41800.234	0.43	1305659	0.06	200000	
Mg	24	2	He	532.836	26641.789	1.00	514990	0.10	200000	
Al	27	2	He	1.751	87.534	7.41	2847	0.06	2000	
K	39	2	He	68.261	3413.044	1.64	207851	0.03	200000	
Ca	43	2	He	2876.493	143824.672	1.24	12094	23.78	200000	
Ca	44	2	He	2840.129	142006.470	0.43	197187	1.44	200000	
V	51	2	He	-1.097	-54.829	-2.39	4467	-0.02	2000	
Cr	52	2	He	-0.051	-2.540	-55.89	2400	0.00	2000	
Mn	55	2	He	116.186	5809.304	0.42	804274	0.01	2000	
Fe	56	2	He	158.136	7906.780	0.77	1147149	0.01	200000	
Co	59	2	He	0.001	0.073	385.73	150	0.00	2000	
Ni	60	2	He	-0.032	-1.591	-46.27	163	-0.02	2000	
Cu	63	2	He	-0.238	-11.914	-10.29	957	-0.02	2000	
Zn	66	2	He	0.079	3.933	41.45	427	0.02	2000	
As	75	2	He	-0.197	-9.855	-14.54	274	-0.07	2000	
Sb	121	2	He	0.050	2.487	30.42	1250	0.00	2000	
Se	78	2	He	0.029	1.436	907.47	397	0.01	2000	
Ti	47	2	He	-0.019	-0.927	0.00	0	#DIV/0!	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2002880	1.59	1990044	100.65	70	120	
In	115	1	nogas	1978530	1.43	1869410	105.84	70	120	
Li	6	1	nogas	949253	0.23	986666	96.21	70	120	
Bi	209	1	nogas	1475558	2.49	1433678	102.92	70	120	
Ge	72	2	He	904712	0.49	920366	98.30	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	037_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:42:49-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.021	46.0	112	39.1	1	
B	11	1	nogas	19.389	12.4	56304	9.9	10	CCB Main CR1 Failed
Al	27	1	nogas	0.002	5909.5	30365	3.8	5	
P	31	1	nogas	-8.660	-7.8	22984	1.7	10	
Ti	47	1	nogas	0.035	79.3	230	17.4	2.5	
Ni	60	1	nogas	0.013	243.6	493	26.5	2.5	
Cu	63	1	nogas	-0.291	-10.7	2274	13.9	2	
Zn	66	1	nogas	0.003	749.3	733	8.0	2.5	
Se	77	1	nogas	-28.842	-13.1	10853	6.3	2.5	
Se	82	1	nogas	0.049	109.2	430	2.3	2	
Sr	88	1	nogas	0.015	129.9	1407	33.2	2.5	
Mo	95	1	nogas	0.503	12.7	2564	10.4	2.5	
Ag	107	1	nogas	0.019	72.4	250	60.0	2.5	
Cd	111	1	nogas	0.019	34.6	43	35.3	1	
Sn	118	1	nogas	-5.973	-1.8	8002	6.9	5	
Sb	121	1	nogas	0.323	2.5	4164	1.4	2.5	
Ba	137	1	nogas	0.018	48.2	193	15.8	2.5	
Tl	205	1	nogas	0.433	45.8	6512	47.9	1	
Pb	208	1	nogas	0.034	26.8	1297	18.8	2.5	
U	238	1	nogas	0.037	47.9	977	48.7	2.5	
Si	28	1	nogas	-141.473	-19.6	918578	1.1	5	
Na	23	2	He	1.142	80.9	37163	3.4	100	
Mg	24	2	He	1.806	5.5	2500	3.7	100	
Al	27	2	He	0.204	188.6	1710	16.7	5	
K	39	2	He	0.201	1400.3	114439	3.2	100	
Ca	43	2	He	-4.467	-275.4	53	96.2	100	
Ca	44	2	He	-15.784	-10.5	1790	5.9	100	
V	51	2	He	-0.705	-2.5	7455	2.2	2.5	
Cr	52	2	He	-0.035	-64.0	2517	7.8	2.5	
Mn	55	2	He	0.042	22.6	1693	3.6	2.5	
Fe	56	2	He	2.339	2.4	37705	0.6	100	
Co	59	2	He	0.013	25.0	273	12.8	2.5	
Ni	60	2	He	0.003	902.7	260	30.0	2.5	
Cu	63	2	He	-0.198	-10.1	1237	11.0	2	
Zn	66	2	He	-0.015	-206.3	283	16.7	2.5	
As	75	2	He	-0.028	-145.8	479	10.9	2.5	
Sb	121	2	He	0.225	17.3	2447	11.2	2.5	
Se	78	2	He	0.605	54.8	467	8.7	2	
Ti	47	2	He	0.142	22.8	57	20.4	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2011601	1.53	1990044	101.08	70	120	
In	115	1	nogas	1962613	1.63	1869410	104.99	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	980879	0.71	986666	99.41	70	120	
Bi	209	1	nogas	1438104	2.85	1433678	100.31	70	120	
Ge	72	2	He	900851	0.41	920366	97.88	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	038_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:44:51-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	98.835	0.162	433731	0.93	100	98.8	90	110	
B	11	1	nogas	525.677	0.611	1225255	0.81	500	105.1	90	110	
Al	27	1	nogas	96.397	2.241	1316802	2.59	100	96.4	90	110	
P	31	1	nogas	461.491	2.198	429338	1.94	500	92.3	90	110	
Ti	47	1	nogas	90.578	1.150	144860	1.69	100	90.6	90	110	
Ni	60	1	nogas	91.924	2.478	406076	1.53	100	91.9	90	110	
Cu	63	1	nogas	96.458	2.301	943178	1.98	100	96.5	90	110	
Zn	66	1	nogas	93.146	3.575	262573	3.54	100	93.1	90	110	
Se	77	1	nogas	52.664	12.231	22778	2.68	100	52.7	90	110	CCV Main CR1-2 Failed
Se	82	1	nogas	90.247	5.241	16094	4.05	100	90.2	90	110	
Sr	88	1	nogas	90.668	1.704	2245761	2.73	100	90.7	90	110	
Mo	95	1	nogas	95.487	3.125	447824	2.52	100	95.5	90	110	
Ag	107	1	nogas	94.894	3.091	1070328	2.62	100	94.9	90	110	
Cd	111	1	nogas	97.333	3.118	218388	2.51	100	97.3	90	110	
Sn	118	1	nogas	97.357	2.260	653869	1.65	100	97.4	90	110	
Sb	121	1	nogas	98.011	2.338	911672	2.19	100	98.0	90	110	
Ba	137	1	nogas	96.993	1.855	350013	1.82	100	97.0	90	110	
Tl	205	1	nogas	109.127	4.706	1552362	2.66	100	109.1	90	110	
Pb	208	1	nogas	101.001	5.174	2230062	2.18	100	101.0	90	110	
U	238	1	nogas	99.071	4.409	2417115	1.73	100	99.1	90	110	
Li	7	1	nogas	105.657	0.838	1458227	1.89	100	105.7	90	110	
Si	28	1	nogas	5376.149	2.557	4847819	1.96	5000	107.5	90	110	
Ba	135	1	nogas	88.694	2.853	201005	2.02	100	88.7	90	110	CCV Main CR1-2 Failed
Tl	203	1	nogas	100.923	6.042	703267	3.02	100	100.9	90	110	
Na	23	2	He	9667.901	0.993	14885951	0.98	10000	96.7	90	110	
Mg	24	2	He	9694.644	1.644	9460502	1.60	10000	96.9	90	110	
Al	27	2	He	93.394	2.771	70597	2.65	100	93.4	90	110	
K	39	2	He	9566.682	1.329	13321809	1.26	10000	95.7	90	110	
Ca	43	2	He	9235.345	0.587	39098	0.61	10000	92.4	90	110	
Ca	44	2	He	9582.219	0.294	665744	0.27	10000	95.8	90	110	
V	51	2	He	93.985	0.228	745014	0.25	100	94.0	90	110	
Cr	52	2	He	94.376	0.182	792898	0.22	100	94.4	90	110	
Mn	55	2	He	91.670	0.604	641882	0.54	100	91.7	90	110	
Fe	56	2	He	9507.109	0.472	68460881	0.52	10000	95.1	90	110	
Co	59	2	He	97.658	0.479	1050846	0.49	100	97.7	90	110	
Ni	60	2	He	94.395	1.133	267125	1.13	100	94.4	90	110	
Cu	63	2	He	94.370	1.241	673847	1.18	100	94.4	90	110	
Zn	66	2	He	93.528	1.600	142877	1.54	100	93.5	90	110	
As	75	2	He	93.553	0.808	116288	0.74	100	93.6	90	110	
Sb	121	2	He	92.025	0.770	640981	0.71	100	92.0	90	110	
Se	78	2	He	91.137	0.611	11908	0.55	100	91.1	90	110	
Ti	47	2	He	92.088	2.869	33023	2.84	100	92.1	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2028181	1.68	1990044	101.92	70	120	
In	115	1	nogas	1932727	1.50	1869410	103.39	70	120	
Li	6	1	nogas	923790	1.09	986666	93.63	70	120	
Bi	209	1	nogas	1395819	3.05	1433678	97.36	70	120	
Ge	72	2	He	914726	0.06	920366	99.39	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	049_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T13:07:09-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	99.409	0.800	435759	1.33	100	99.4	90	110	
B	11	1	nogas	526.948	2.411	1226909	2.90	500	105.4	90	110	
Al	27	1	nogas	98.066	3.456	1317761	1.98	100	98.1	90	110	
P	31	1	nogas	465.030	3.429	425555	1.78	500	93.0	90	110	
Ti	47	1	nogas	89.648	3.156	141098	1.75	100	89.6	90	110	CCV Main CR1-2 Failed
Ni	60	1	nogas	92.364	2.892	401622	1.48	100	92.4	90	110	
Cu	63	1	nogas	96.968	3.002	933188	1.58	100	97.0	90	110	
Zn	66	1	nogas	94.113	3.541	261086	2.16	100	94.1	90	110	
Se	77	1	nogas	52.704	13.705	22427	3.21	100	52.7	90	110	CCV Main CR1-2 Failed
Se	82	1	nogas	92.543	3.327	16238	2.14	100	92.5	90	110	
Sr	88	1	nogas	91.866	1.487	2227974	2.00	100	91.9	90	110	
Mo	95	1	nogas	94.768	0.413	435290	1.14	100	94.8	90	110	
Ag	107	1	nogas	95.269	0.707	1052421	1.70	100	95.3	90	110	
Cd	111	1	nogas	97.367	1.496	213985	2.63	100	97.4	90	110	
Sn	118	1	nogas	97.208	0.800	639488	1.91	100	97.2	90	110	
Sb	121	1	nogas	97.950	3.424	896680	2.04	100	97.9	90	110	
Ba	137	1	nogas	97.427	0.874	344316	1.96	100	97.4	90	110	
Tl	205	1	nogas	105.268	5.336	1532451	2.02	100	105.3	90	110	
Pb	208	1	nogas	96.823	5.253	2188347	1.94	100	96.8	90	110	
U	238	1	nogas	95.763	5.933	2390362	1.12	100	95.8	90	110	
Li	7	1	nogas	103.743	0.961	1431256	0.68	100	103.7	90	110	
Si	28	1	nogas	5437.600	2.069	4814798	0.30	5000	108.8	90	110	
Ba	135	1	nogas	89.007	1.367	197583	2.52	100	89.0	90	110	CCV Main CR1-2 Failed
Tl	203	1	nogas	96.374	4.777	687682	2.07	100	96.4	90	110	
Na	23	2	He	9709.618	1.086	15214826	0.87	10000	97.1	90	110	
Mg	24	2	He	9613.954	0.575	9548054	0.42	10000	96.1	90	110	
Al	27	2	He	92.949	0.944	71514	0.80	100	92.9	90	110	
K	39	2	He	9559.285	0.378	13547604	0.31	10000	95.6	90	110	
Ca	43	2	He	9460.247	0.514	40758	0.69	10000	94.6	90	110	
Ca	44	2	He	9537.643	0.686	674398	0.24	10000	95.4	90	110	
V	51	2	He	92.882	0.910	749455	0.37	100	92.9	90	110	
Cr	52	2	He	93.011	0.229	795324	0.47	100	93.0	90	110	
Mn	55	2	He	91.033	1.348	648715	0.97	100	91.0	90	110	
Fe	56	2	He	9442.628	1.268	69199501	0.76	10000	94.4	90	110	
Co	59	2	He	95.909	0.185	1050334	0.60	100	95.9	90	110	
Ni	60	2	He	93.245	1.496	268566	2.00	100	93.2	90	110	
Cu	63	2	He	92.542	0.183	672577	0.67	100	92.5	90	110	
Zn	66	2	He	92.938	0.341	144500	0.85	100	92.9	90	110	
As	75	2	He	92.799	1.271	117396	0.74	100	92.8	90	110	
Sb	121	2	He	90.842	1.281	643983	1.52	100	90.8	90	110	
Se	78	2	He	93.145	0.731	12377	0.22	100	93.1	90	110	
Ti	47	2	He	92.442	1.079	33737	1.02	100	92.4	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1996488	1.43	1990044	100.32	70	120	
In	115	1	nogas	1892551	1.17	1869410	101.24	70	120	
Li	6	1	nogas	922718	0.53	986666	93.52	70	120	
Bi	209	1	nogas	1429670	5.14	1433678	99.72	70	120	
Ge	72	2	He	930948	0.52	920366	101.15	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	050_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T13:09:07-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.024	47.4	125	41.6	1	
B	11	1	nogas	20.253	12.8	58507	10.4	10	CCB Main CR1 Failed
Al	27	1	nogas	-0.259	-59.3	27159	9.1	5	
P	31	1	nogas	-9.988	-10.6	22023	4.5	10	
Ti	47	1	nogas	0.044	83.0	247	23.1	2.5	
Ni	60	1	nogas	0.044	58.7	633	16.2	2.5	
Cu	63	1	nogas	-0.259	-3.8	2604	3.1	2	
Zn	66	1	nogas	-0.022	-266.8	670	26.2	2.5	
Se	77	1	nogas	-36.923	-7.0	9766	5.9	2.5	
Se	82	1	nogas	0.283	132.5	473	12.2	2	
Sr	88	1	nogas	0.029	38.8	1737	14.7	2.5	
Mo	95	1	nogas	0.549	16.7	2764	14.4	2.5	
Ag	107	1	nogas	0.022	19.5	283	16.3	2.5	
Cd	111	1	nogas	0.038	57.7	87	58.1	1	
Sn	118	1	nogas	-6.045	-0.3	7495	0.7	5	
Sb	121	1	nogas	0.085	24.8	1990	7.9	2.5	
Ba	137	1	nogas	0.036	47.9	257	25.4	2.5	
Tl	205	1	nogas	0.297	45.5	4494	46.3	1	
Pb	208	1	nogas	0.036	32.9	1347	21.6	2.5	
U	238	1	nogas	0.050	37.1	1300	38.1	2.5	
Si	28	1	nogas	-136.944	-18.3	929090	1.4	5	
Na	23	2	He	26.052	2.0	75666	1.0	100	
Mg	24	2	He	2.231	6.5	2940	4.8	100	
Al	27	2	He	-0.079	-327.4	1520	12.5	5	
K	39	2	He	4.141	18.0	121107	0.8	100	
Ca	43	2	He	-2.207	-164.5	63	24.1	100	
Ca	44	2	He	-15.055	-9.5	1860	5.3	100	
V	51	2	He	-0.876	-2.1	6209	2.3	2.5	
Cr	52	2	He	-0.026	-31.0	2624	2.5	2.5	
Mn	55	2	He	0.088	46.4	2027	14.0	2.5	
Fe	56	2	He	2.987	10.5	42756	5.2	100	
Co	59	2	He	0.015	51.9	300	28.5	2.5	
Ni	60	2	He	-0.004	-376.4	243	16.6	2.5	
Cu	63	2	He	-0.195	-2.9	1267	3.2	2	
Zn	66	2	He	0.029	153.9	353	18.8	2.5	
As	75	2	He	0.004	961.7	524	9.9	2.5	
Sb	121	2	He	0.047	12.9	1237	3.4	2.5	
Se	78	2	He	0.065	750.8	404	15.3	2	
Ti	47	2	He	0.084	19.2	37	15.7	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2027618	2.14	1990044	101.89	70	120	
In	115	1	nogas	1948121	1.14	1869410	104.21	70	120	

Continuing Calibration Blank (CCB) Report

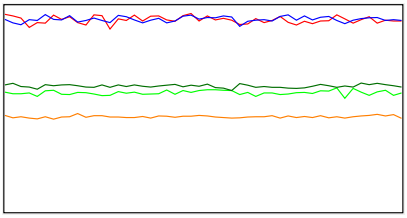
Li	6	1	nogas	982135	0.54	986666	99.54	70	120	
Bi	209	1	nogas	1439332	2.01	1433678	100.39	70	120	
Ge	72	2	He	910693	0.03	920366	98.95	70	120	

Tune Check Report

Operator Name	ALSHS NoUser
Acq/Data Batch	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq. Date-Time	1/27/2021 10:13:43 AM
Report Comment	---
Instrument Name	G3281A JP11080910

[nogas]

Sensitivity



Sampling Period [sec]	0.514
Integration Time [sec]	0.1

Mass	Range	Count	Resp [cps/ug/l]	Resp (Required) [cps/ug/l]	Resp (Flag)
9	5000	4657	46571.08		
24	20000	11550	115495.23		
59	20000	18684	186840.83		
115	50000	23044	230435.52		
208	20000	12199	121987.77		

Mass	Resp Ratio	Resp Ratio (Required)	Resp Ratio (Flag)
9		-	
24		-	
59		-	
115		-	
208		-	

Mass	RSD%	RSD% (Required)	RSD% (Flag)
9	1.850	5.000	
24	1.810	5.000	
59	1.373	5.000	
115	1.218	5.000	
208	1.261	5.000	

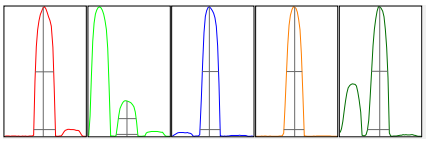
Mass	Background	Background (Required)	Background (Flag)
9	3.200		
24	1.900		
59	2.300		
115	1.700		
208	5.000		

Oxide/Doubly Charged Ratio

Oxide	156 / 140 0.519 %
Doubly Charged	70 / 140 1.322 %

Tune Check Report

Resolution/Axis



Integration Time [sec]	0.1
Acquisition Time [sec]	37.4
Y Axis	Linear

Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	4715.86	8.95	8.90 - 9.10	
24	11454.96	23.95	23.90 - 24.10	
59	19032.31	58.90	58.90 - 59.10	
115	23223.27	114.95	114.90 - 115.10	
208	12167.65	208.00	207.90 - 208.10	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.67	0.788		
24	0.64	0.787		
59	0.60	0.737		
115	0.56	0.736		
208	0.59	0.794		

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.45 L/min	Dilution Gas	0.50 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	---
RF Matching	1.70 V	Nebulizer Pump	0.10 rps	Plasma Gas	---
Sample Depth	8.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.0 V	Deflect	10.0 V
Extract 2	-200.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9990	QP Bias	-3.0 V
Mass Offset	127	Axis Offset	0.07		

Hardware Settings

Torch

Torch H	0.0 mm	Torch V	0.2 mm		

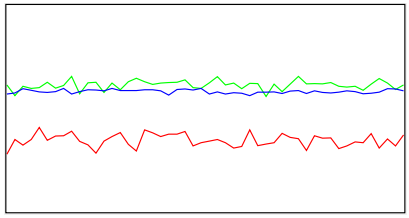
EM

Discriminator	4.5 mV	Analog HV	1565 V	Pulse HV	1217 V

[He]

Tune Check Report

Sensitivity



Sampling Period [sec]	0.306
Integration Time [sec]	0.1

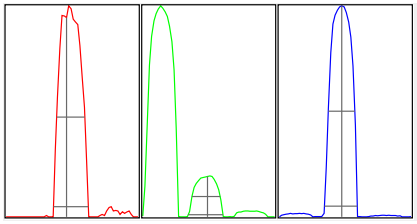
Mass	Range	Count	Resp [cps/ug/l]	Resp (Required) [cps/ug/l]	Resp (Flag)
9	500	173	1729.48		
24	2000	1229	12289.52		
59	20000	11659	116587.66		

Mass	Resp Ratio	Resp Ratio (Required)	Resp Ratio (Flag)
9		-	
24		-	
59		-	

Mass	RSD%	RSD% (Required)	RSD% (Flag)
9	8.966	5.000	Fail
24	3.528	5.000	
59	1.525	5.000	

Mass	Background	Background (Required)	Background (Flag)
9			
24			
59			

Resolution/Axis



Integration Time [sec]	0.1
Acquisition Time [sec]	22.24
Y Axis	Linear

Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	172.01	8.90	8.90 - 9.10	
24	1242.95	24.00	23.90 - 24.10	
59	11712.80	58.95	58.90 - 59.10	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.784		
24	0.63	0.776		
59	0.59	0.736		

Tune Parameters

Plasma Parameters

Tune Check Report

Plasma Mode	---	Nebulizer Gas	0.45 L/min	Dilution Gas	0.50 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	---
RF Matching	1.70 V	Nebulizer Pump	0.10 rps	Plasma Gas	---
Sample Depth	8.0 mm	S/C Temp	2 °C		
Lens Parameters					
Extract 1	0.0 V	Omega Lens	8.0 V	Deflect	2.0 V
Extract 2	-200.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-60 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	190 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9990	QP Bias	-13.0 V
Mass Offset	127	Axis Offset	0.07		
Hardware Settings					
Torch					
Torch H	0.0 mm	Torch V	0.2 mm		
EM					
Discriminator	4.5 mV	Analog HV	1565 V	Pulse HV	1217 V

HS21010391 Wet Chem Raw Data (9056_anions_W)

ALS WO# HS21010391

Sequence: 011221
Last Update Operator: alshs.nouser

CD	Name	Comment	Type	Position	Dilution	Level	Instrument Method	Processing Method	me	Status
	STD1		Calibration	BE1	1.00	1	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD2		Calibration	BE2	1.00	2	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD3		Calibration	BE3	1.00	3	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD4		Calibration	BE4	1.00	4	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD5		Calibration	BE5	1.00	5	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD6		Calibration	BE6	1.00	6	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	ICV		Unknown	BE7	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	ICB		Unknown	BE8	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCV		Unknown	R1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCB		Unknown	B1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010391-01		Unknown	RA8	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010391-02		Unknown	RB1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010391-03		Unknown	RB2	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010391-04		Unknown	RB3	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010391-05		Unknown	RB4	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCV1		Unknown	R3	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCB		Unknown	B8	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010391-02MS		Unknown	RB5	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010391-02MSD		Unknown	RB6	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCB		Unknown	B3	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCV		Unknown	R1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCV1		Unknown	R3	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCB		Unknown	B6	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010391-02		Unknown	RB1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	LCS-011221		Unknown	R2	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	MBLK-011221		Unknown	B2	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCV		Unknown	R1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCB		Unknown	B4	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished

Sequence: 011221
Last Update Operator: alshs.nouser

Inject Time
12/22/2020 10:09:24 AM -06:00
12/22/2020 10:27:30 AM -06:00
12/22/2020 10:45:39 AM -06:00
12/22/2020 11:03:45 AM -06:00
12/22/2020 11:21:56 AM -06:00
12/22/2020 11:40:02 AM -06:00
12/22/2020 11:58:12 AM -06:00
12/22/2020 12:37:40 PM -06:00
1/12/2021 4:39:15 PM -06:00
1/12/2021 4:57:23 PM -06:00
1/12/2021 5:15:32 PM -06:00
1/12/2021 5:33:38 PM -06:00
1/12/2021 5:51:49 PM -06:00
1/12/2021 6:09:59 PM -06:00
1/12/2021 6:28:09 PM -06:00
1/12/2021 8:16:57 PM -06:00
1/12/2021 8:53:11 PM -06:00
1/12/2021 9:47:33 PM -06:00
1/12/2021 10:05:39 PM -06:00
1/12/2021 11:36:12 PM -06:00
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1/13/2021 12:36:12 PM -06:00
1/13/2021 12:54:19 PM -06:00
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1/13/2021 2:17:06 PM -06:00
1/13/2021 2:35:17 PM -06:00
1/13/2021 2:53:25 PM -06:00
1/13/2021 3:11:31 PM -06:00

Sequence: 011521
Injection #6: STD6

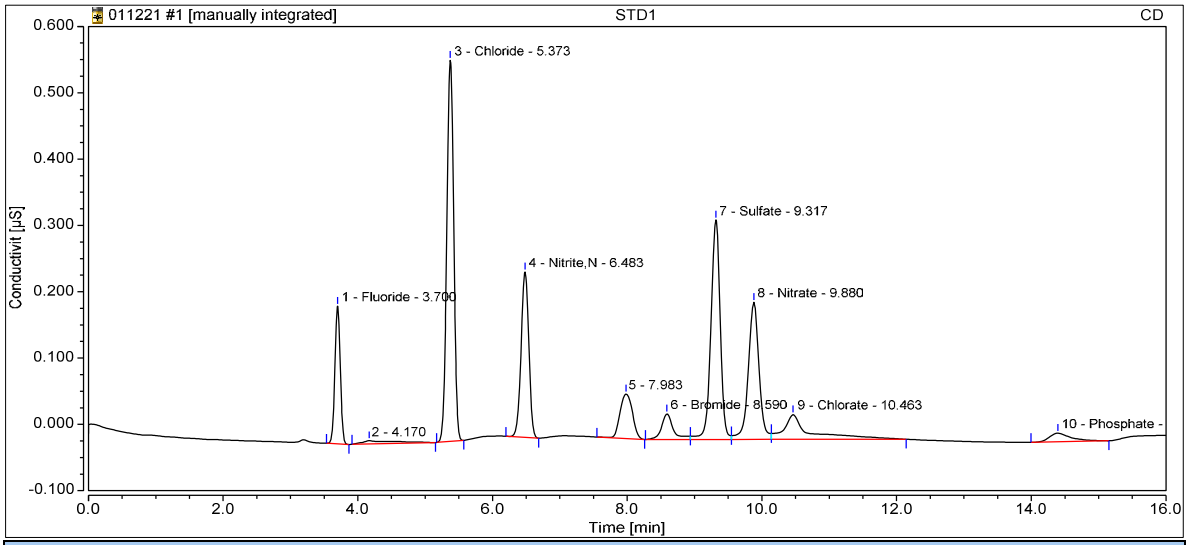
Calibration

Peak No.	Peak Name	Cal.Type	Eval.Type	Number of Points	Rel.Std.Dev. %	Coeff.of Determination	C0 (Offset)	C1 (Slope)	C2 (Curve)
1	*Fluoride*	*Lin, WithOffset, 1/*	*Area*	*6*	*14.8670*	*0.99909*	*-0.0168*	*0.3120*	*0.0000*
2	Chloride	Lin, WithOffset, 1/	Area	6	4.0466	0.99993	-0.0413	0.2139	0.0000
3	Nitrite,N	Lin, WithOffset, 1/	Area	6	32.6008	0.99398	0.0072	0.4304	0.0000
5	Bromide	Lin, WithOffset, 1/	Area	6	18.1106	0.99842	-0.0017	0.0815	0.0000
6	Sulfate	Lin, WithOffset, 1/	Area	6	6.2085	0.99983	-0.0300	0.1561	0.0000
7	Nitrate	Lin, WithOffset, 1/	Area	6	5.0172	0.99988	-0.0160	0.5372	0.0000
8	Chlorate	Lin, WithOffset, 1/	Area	6	20.3296	0.99642	0.0117	0.0933	0.0000
11	Phosphate	Lin, WithOffset, 1/	Area	6	59.1323	0.99061	-0.0237	0.1864	0.0000
Maximum					**59.1323**	0.99993			
Minimum					4.0466	**0.99061**			

1 STD1

Sample Name:	**STD1**	*Injection Volume:*	**5.00**
Vial Number:	**BE1**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 10:09**	*Sample Weight:*	**1.0000**

Run Time:



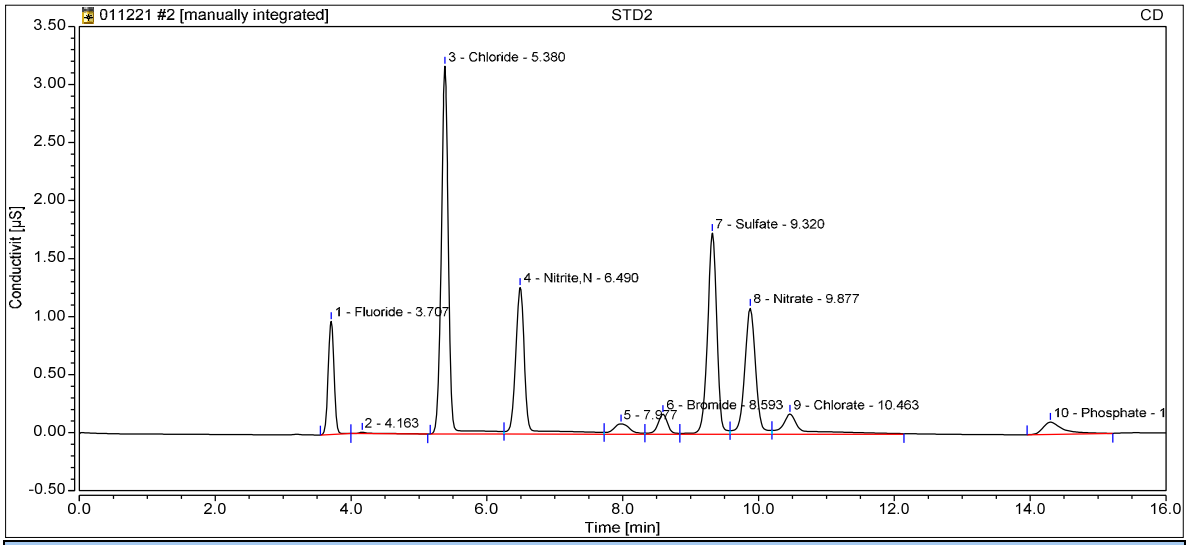
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.70	Fluoride	BMB*	0.019	0.1152	0.1152	1.0000
3	5.37	Chloride	BMB	0.068	0.5111	0.5111	1.0000
4	6.48	Nitrite,N	BMB	0.033	0.0600	0.0600	1.0000
6	8.59	Bromide	BM	0.008	0.1157	0.1157	1.0000
7	9.32	Sulfate	M	0.053	0.5325	0.5325	1.0000
8	9.88	Nitrate	M	0.038	0.1011	0.1011	1.0000
9	10.46	Chlorate	MB	0.017	0.0550	0.0550	1.0000
10	14.39	Phosphate	BMB	0.005	0.1539	0.1539	1.0000
Total:			**0.000**	**0.241**		**1.64**	

2 STD2

Sample Name:	**STD2**	*Injection Volume:*	**5.00**
Vial Number:	**BE2**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 10:27**	*Sample Weight:*	**1.0000**

Run Time:



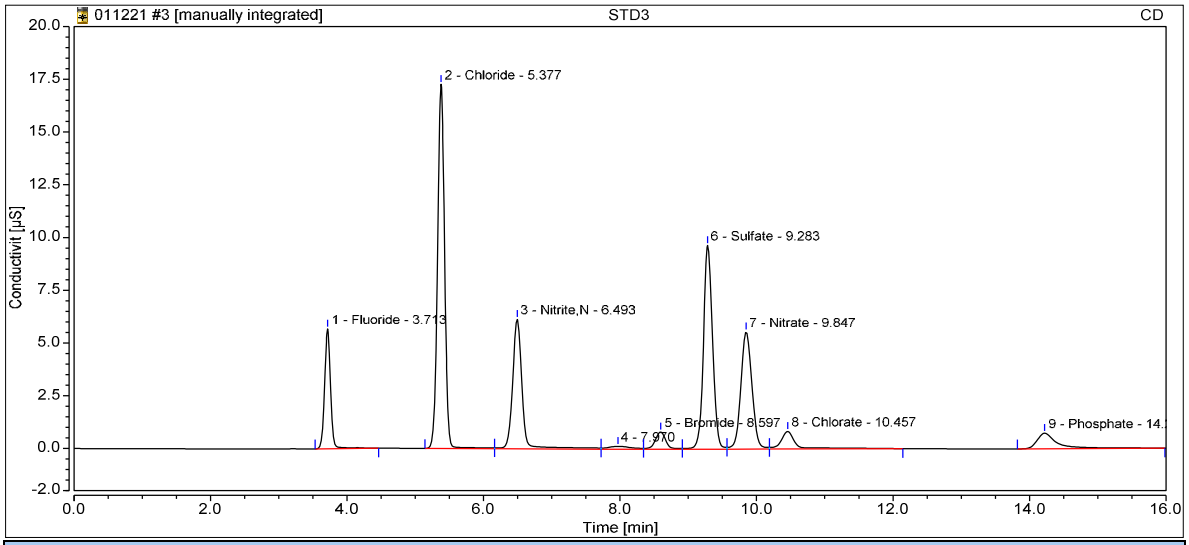
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMb*	0.097	0.3640	0.3640	1.0000
3	5.38	Chloride	BM *	0.390	2.0158	2.0158	1.0000
4	6.49	Nitrite,N	M *	0.207	0.4633	0.4633	1.0000
6	8.59	Bromide	M *	0.030	0.3908	0.3908	1.0000
7	9.32	Sulfate	M *	0.275	1.9562	1.9562	1.0000
8	9.88	Nitrate	M *	0.204	0.4096	0.4096	1.0000
9	10.46	Chlorate	M *	0.062	0.5391	0.5391	1.0000
10	14.30	Phosphate	BMB	0.036	0.3192	0.3192	1.0000
Total:			**0.000**	**1.300**		**6.46**	

3 STD3

Sample Name:	**STD3**	*Injection Volume:*	**5.00**
Vial Number:	**BE3**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 10:45**	*Sample Weight:*	**1.0000**

Run Time:



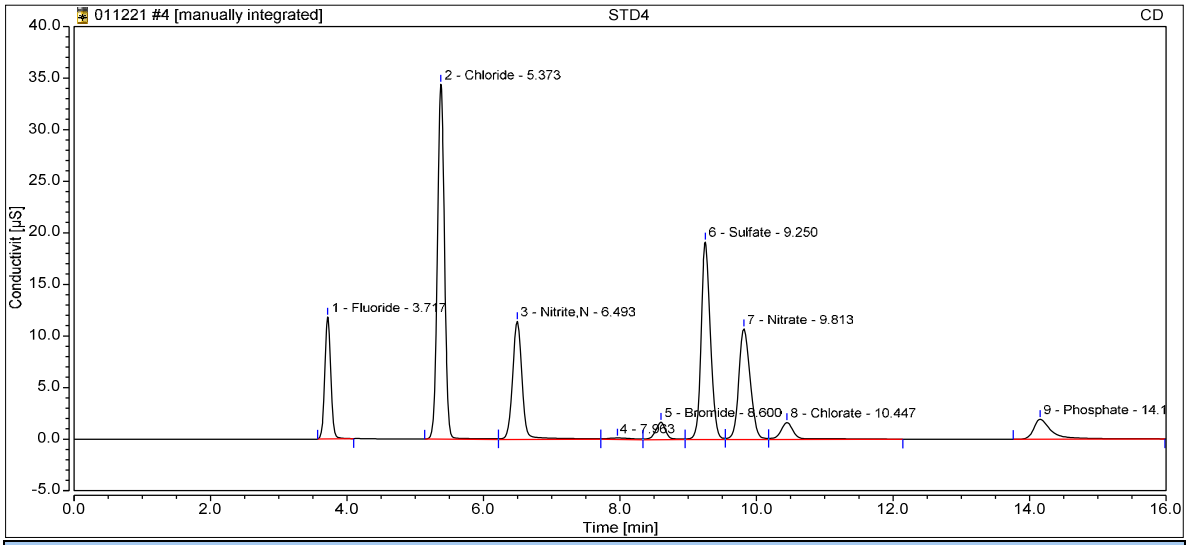
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMB*	0.569	1.8774	1.8774	1.0000
2	5.38	Chloride	BM *	2.060	9.8259	9.8259	1.0000
3	6.49	Nitrite,N	M *	0.999	2.3042	2.3042	1.0000
5	8.60	Bromide	M *	0.149	1.8520	1.8520	1.0000
6	9.28	Sulfate	M *	1.491	9.7446	9.7446	1.0000
7	9.85	Nitrate	M *	1.041	1.9683	1.9683	1.0000
8	10.46	Chlorate	MB*	0.212	2.1462	2.1462	1.0000
9	14.22	Phosphate	BMB	0.260	1.5229	1.5229	1.0000
Total:			**0.000**	**6.782**		**31.24**	

4 STD4

Sample Name:	**STD4**	*Injection Volume:*	**5.00**
Vial Number:	**BE4**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 11:03**	*Sample Weight:*	**1.0000**

Run Time:



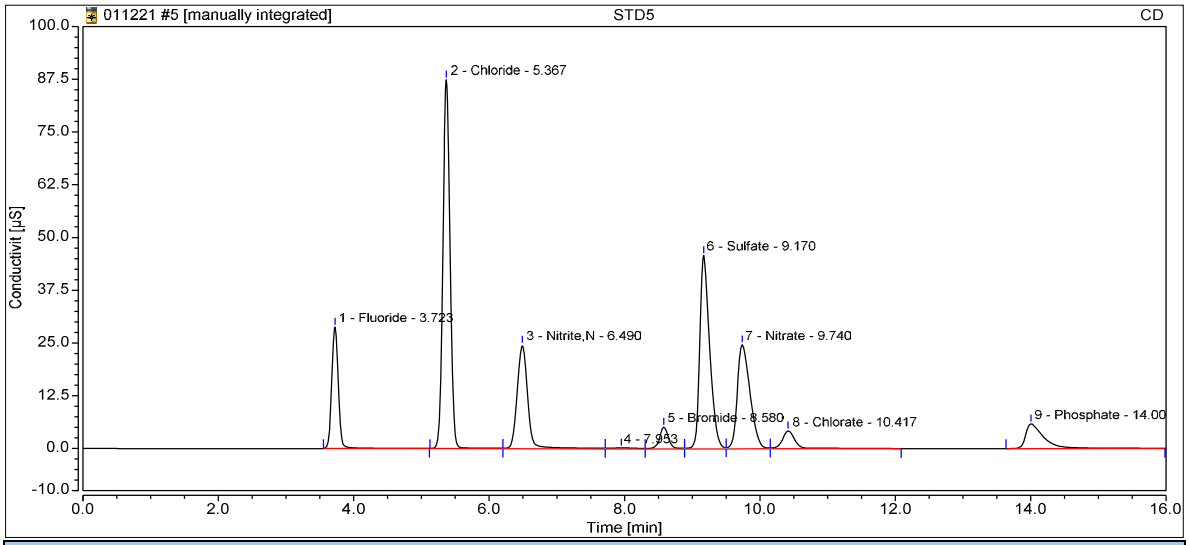
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	1.190	3.8683	3.8683	1.0000
2	5.37	Chloride	BM *	4.159	19.6370	19.6370	1.0000
3	6.49	Nitrite,N	M *	1.911	4.4234	4.4234	1.0000
5	8.60	Bromide	M *	0.297	3.6601	3.6601	1.0000
6	9.25	Sulfate	M *	3.009	19.4699	19.4699	1.0000
7	9.81	Nitrate	M *	2.080	3.9010	3.9010	1.0000
8	10.45	Chlorate	MB*	0.395	4.1143	4.1143	1.0000
9	14.16	Phosphate	BMB	0.611	3.4036	3.4036	1.0000
Total:			**0.000**	**13.651**		**62.48**	

5 STD5

Sample Name:	**STD5**	*Injection Volume:*	**5.00**
Vial Number:	**BE5**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 11:21**	*Sample Weight:*	**1.0000**

Run Time:



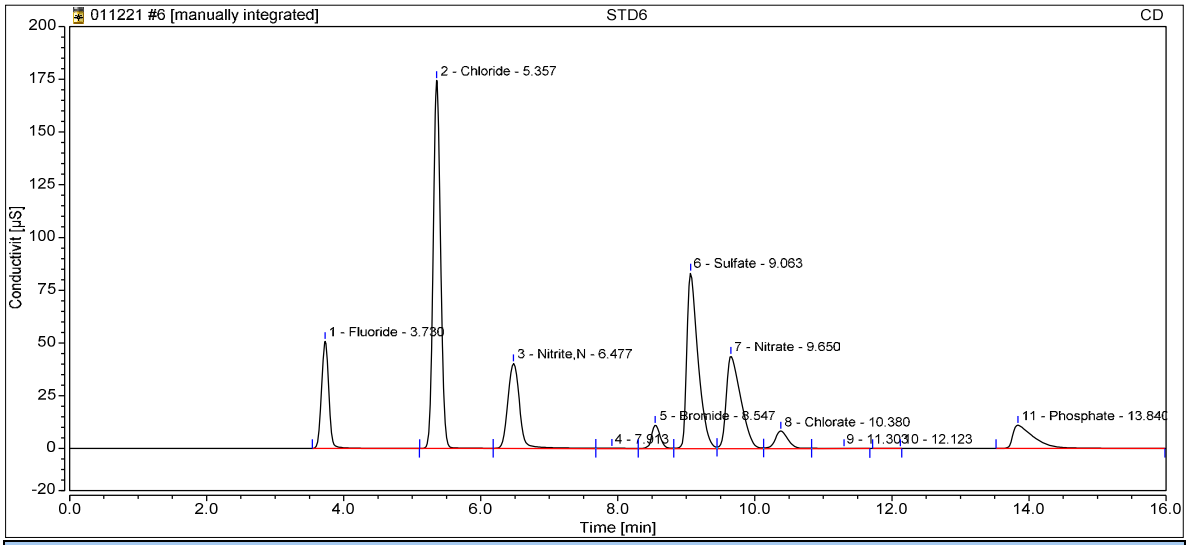
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	3.216	10.3590	10.3590	1.0000
2	5.37	Chloride	BM *	10.661	50.0390	50.0390	1.0000
3	6.49	Nitrite,N	M *	4.495	10.4277	10.4277	1.0000
5	8.58	Bromide	M *	0.814	10.0122	10.0122	1.0000
6	9.17	Sulfate	M *	7.787	50.0866	50.0866	1.0000
7	9.74	Nitrate	M *	5.356	9.9989	9.9989	1.0000
8	10.42	Chlorate	MB*	0.978	10.3629	10.3629	1.0000
9	14.01	Phosphate	BMB	1.822	9.9044	9.9044	1.0000
Total:			**0.000**	**35.129**		**161.19**	

6 STD6

Sample Name:	**STD6**	*Injection Volume:*	**5.00**
Vial Number:	**BE6**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 11:40**	*Sample Weight:*	**1.0000**

Run Time:



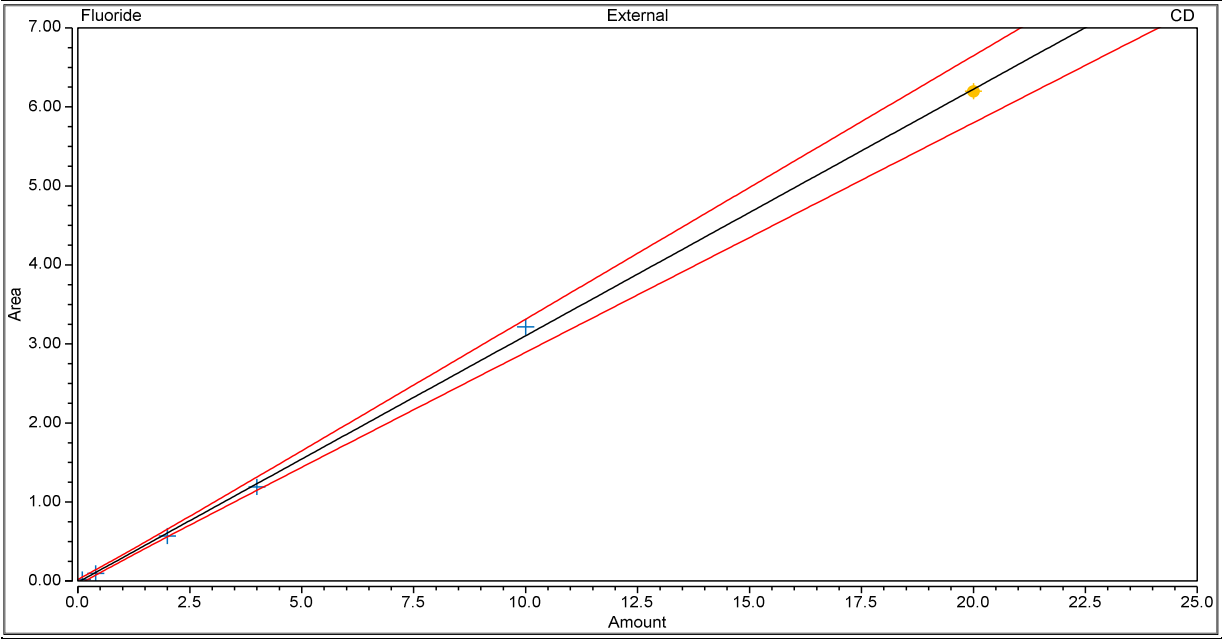
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.73	Fluoride	BMB	6.198	19.9160	19.9160	1.0000
2	5.36	Chloride	BMb*	21.448	100.4712	100.4712	1.0000
3	6.48	Nitrite,N	bM *	8.107	18.8214	18.8214	1.0000
5	8.55	Bromide	M *	1.666	20.4692	20.4692	1.0000
6	9.06	Sulfate	M *	15.688	100.7100	100.7100	1.0000
7	9.65	Nitrate	M *	10.794	20.1211	20.1211	1.0000
8	10.38	Chlorate	M *	1.810	19.2825	19.2825	1.0000
11	13.84	Phosphate	BMB	3.927	21.1960	21.1960	1.0000
Total:			**0.000**	**69.637**		**320.99**	

Calibration

Calibration Details	Fluoride		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	-0.0168
Evaluation Type	Area	*Slope (C1)*	0.3120
Number of Calibration Points	6	*Curve (C2)*	0.0000
Number of disabled Calibration Points	0	*R-Square*	0.9991

Calibration Plot **Fluoride**



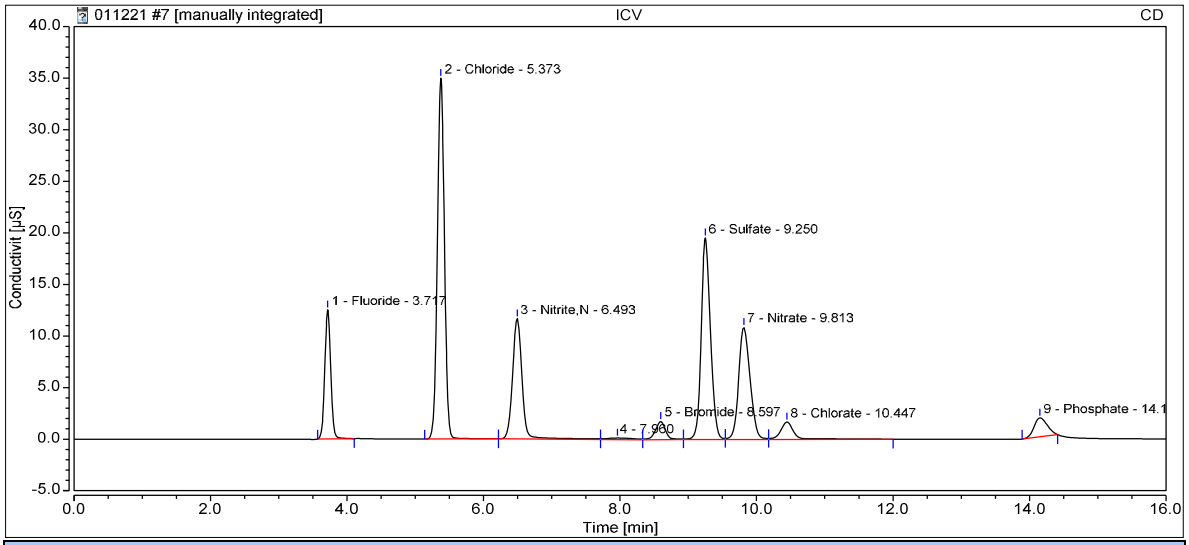
Calibration Results **Fluoride**

No.	Injection Name	Calibration Level	X Value CD Fluoride	Y Value CD Fluoride	Y Value CD Fluoride	Area µS*min CD Fluoride	Height µS CD Fluoride
1	STD1	1	0.1000	0.0192	0.0192	0.019	0.208
2	STD2	2	0.4000	0.0968	0.0968	0.097	0.973
3	STD3	3	2.0000	0.5690	0.5690	0.569	5.675
4	STD4	4	4.0000	1.1903	1.1903	1.190	11.819
5	STD5	5	10.0000	3.2156	3.2156	3.216	28.778
6	STD6	6	20.0000	6.1978	6.1978	6.198	50.799

7 ICV

Sample Name:	**ICV**	*Injection Volume:*	**5.00**
Vial Number:	**BE7**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 11:58**	*Sample Weight:*	**1.0000**

Run Time:



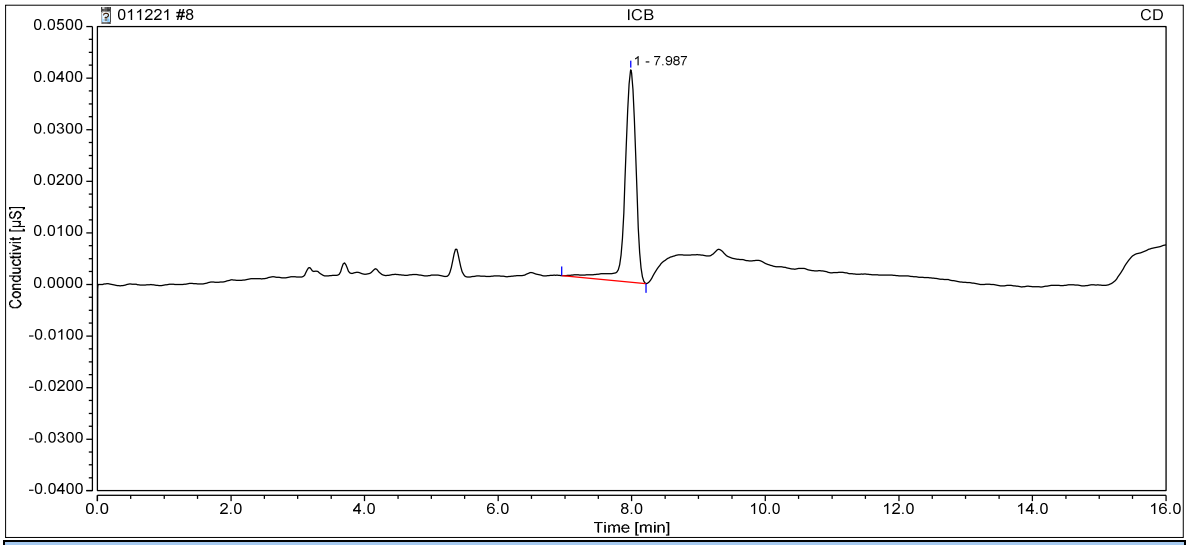
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	1.254	4.0740	4.0740	1.0000
2	5.37	Chloride	BMb*	4.186	19.7660	19.7660	1.0000
3	6.49	Nitrite,N	bM *	1.900	4.3980	4.3980	1.0000
5	8.60	Bromide	M *	0.307	3.7932	3.7932	1.0000
6	9.25	Sulfate	M *	3.081	19.9367	19.9367	1.0000
7	9.81	Nitrate	M *	2.103	3.9449	3.9449	1.0000
8	10.45	Chlorate	MB*	0.394	4.0992	4.0992	1.0000
9	14.15	Phosphate	BMB	0.411	2.3300	2.3300	1.0000
Total:			**0.000**	**13.637**		**62.34**	

8 ICB

Sample Name:	**ICB**	*Injection Volume:*	**5.00**
Vial Number:	**BE8**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 12:37**	*Sample Weight:*	**1.0000**

Run Time:



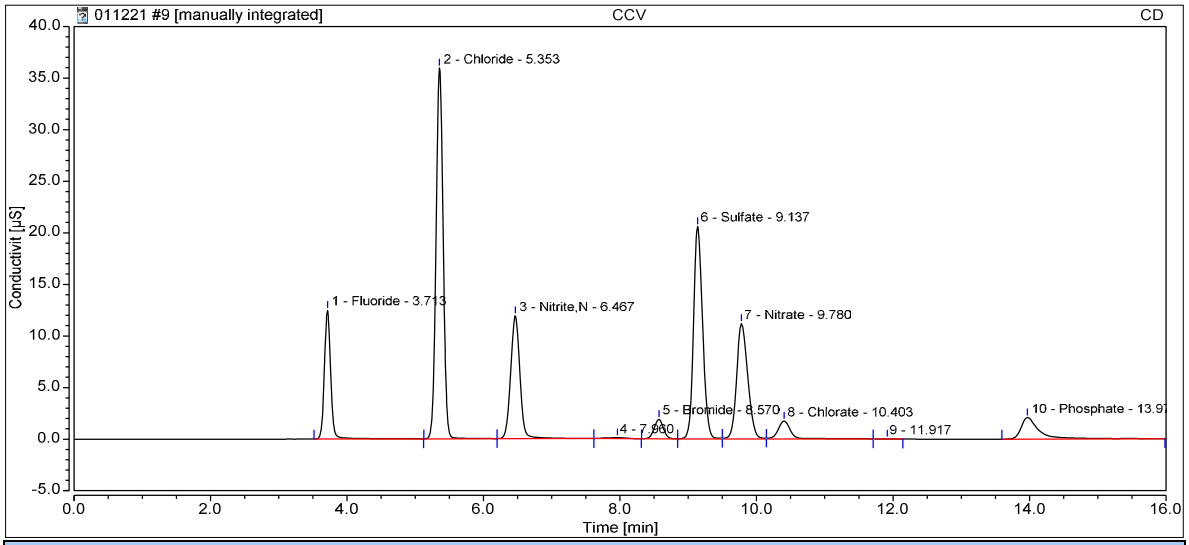
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.000**		**0.00**	

9 CCV

Sample Name:	**CCV**	*Injection Volume:*	**5.00**
Vial Number:	**R1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/12/2021 16:39**	*Sample Weight:*	**1.0000**

Run Time:



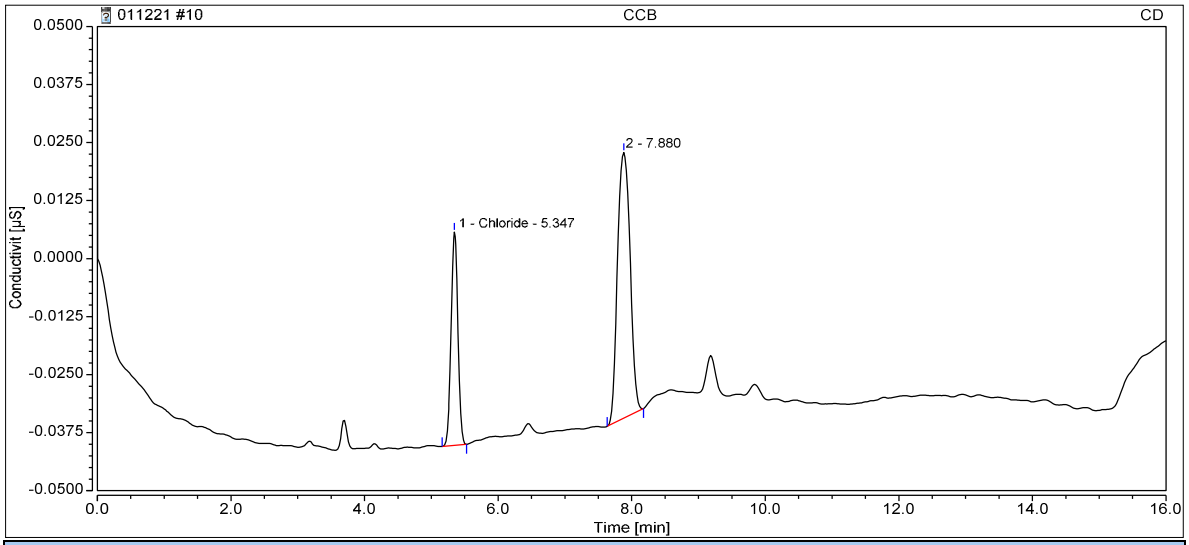
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMB	1.349	4.3771	4.3771	1.0000
2	5.35	Chloride	BMB	4.284	20.2246	20.2246	1.0000
3	6.47	Nitrite,N	BMB	1.891	4.3770	4.3770	1.0000
5	8.57	Bromide	BM *	0.298	3.6726	3.6726	1.0000
6	9.14	Sulfate	M *	3.153	20.3943	20.3943	1.0000
7	9.78	Nitrate	M *	2.123	3.9816	3.9816	1.0000
8	10.40	Chlorate	M *	0.397	4.1283	4.1283	1.0000
10	13.97	Phosphate	BMB	0.645	3.5891	3.5891	1.0000
Total:			**0.000**	**14.140**		**64.74**	

10 CCB

Sample Name:	**CCB**	*Injection Volume:*	**5.00**
Vial Number:	**B1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/12/2021 16:57**	*Sample Weight:*	**1.0000**

Run Time:



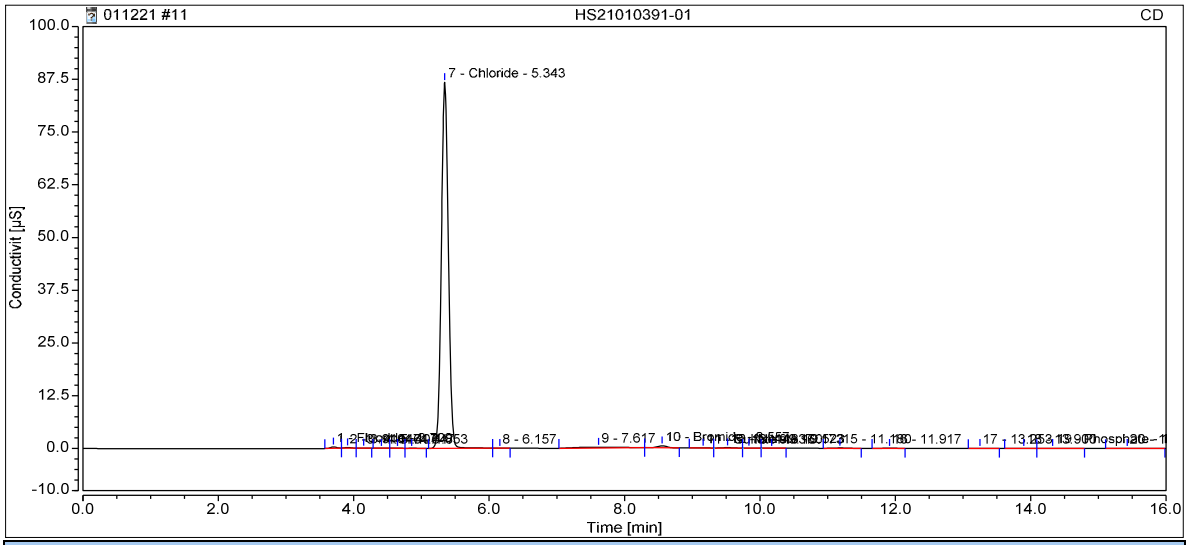
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
1	5.35	Chloride	BMB	0.005	0.2185	0.2185	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.005**		**0.22**	

11 HS21010391-01

Sample Name:	**HS21010391-01**	*Injection Volume:*	**5.00**
Vial Number:	**RA8**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/12/2021 17:15**	*Sample Weight:*	**1.0000**

Run Time:



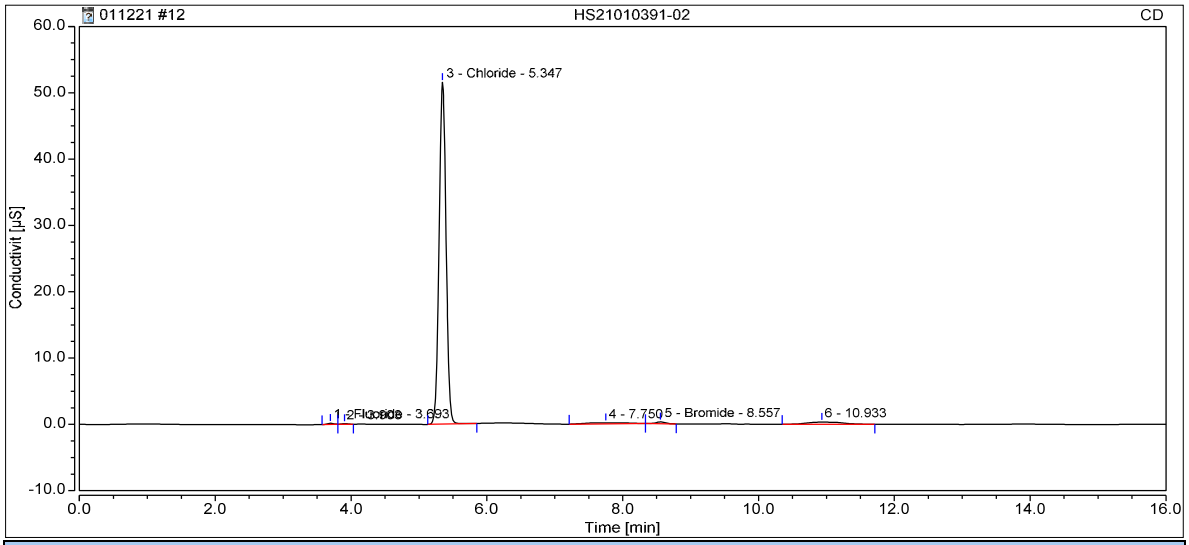
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.70	Fluoride	BMB	0.032	0.1567	0.1567	1.0000
7	5.34	Chloride	BMB	10.393	48.7866	48.7866	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
10	8.56	Bromide	BMB	0.075	0.9370	0.9370	1.0000
11	9.16	Sulfate	BM	0.004	0.2161	0.2161	1.0000
12	9.52	Nitrate	M	0.020	0.0680	0.0680	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
19	14.32	Phosphate	BMB	0.007	0.1657	0.1657	1.0000
Total:			**0.000**	**10.531**		**50.33**	

12 HS21010391-02

Sample Name:	**HS21010391-02**	*Injection Volume:*	**5.00**
Vial Number:	**RB1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/12/2021 17:33**	*Sample Weight:*	**1.0000**

Run Time:



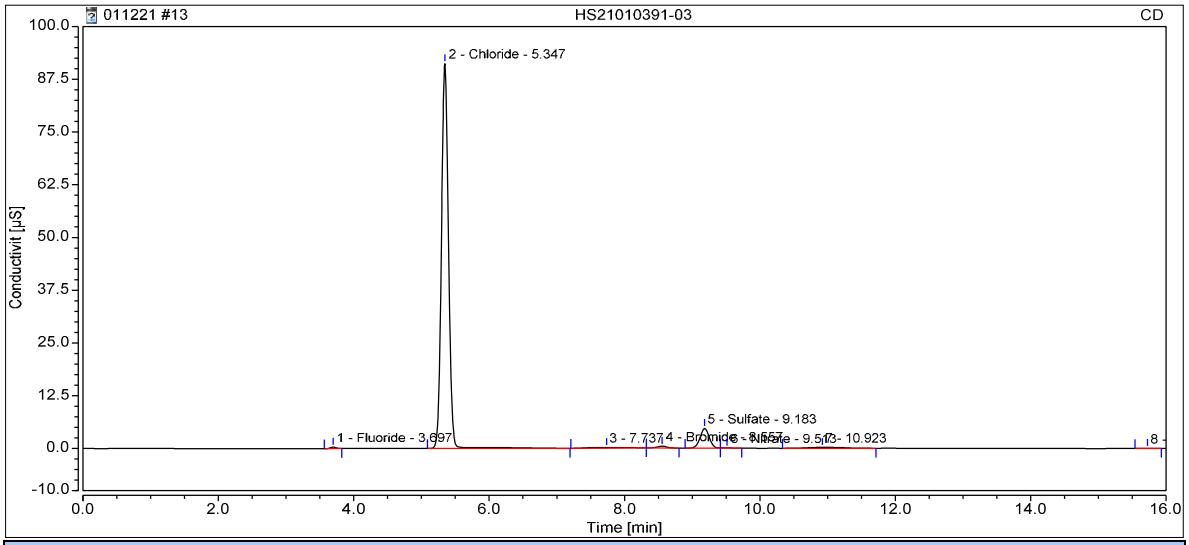
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.69	Fluoride	BMB	0.016	0.1052	0.1052	1.0000
3	5.35	Chloride	BMB	6.100	28.7156	28.7156	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
5	8.56	Bromide	BMB	0.041	0.5257	0.5257	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**6.158**		**29.35**	

13 HS21010391-03

Sample Name:	**HS21010391-03**	*Injection Volume:*	**5.00**
Vial Number:	**RB2**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/12/2021 17:51**	*Sample Weight:*	**1.0000**

Run Time:



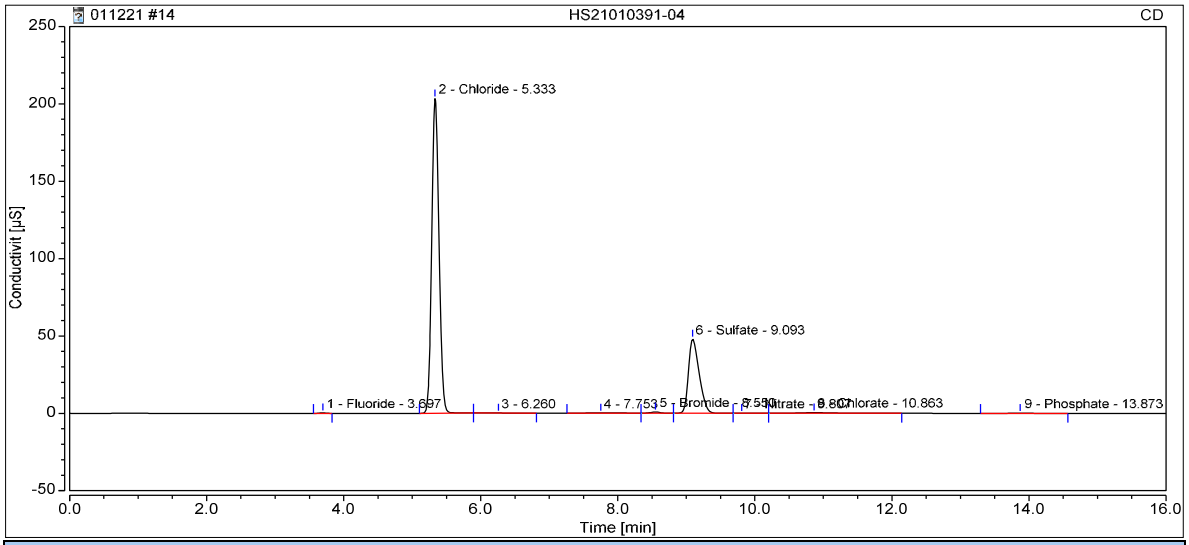
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.70	Fluoride	BMB	0.035	0.1656	0.1656	1.0000
2	5.35	Chloride	BMB	11.089	52.0408	52.0408	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
4	8.56	Bromide	BMB	0.066	0.8358	0.8358	1.0000
5	9.18	Sulfate	BM	0.739	4.9291	4.9291	1.0000
6	9.51	Nitrate	MB	0.014	0.0558	0.0558	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**11.944**		**58.03**	

14 HS21010391-04

Sample Name:	**HS21010391-04**	*Injection Volume:*	**5.00**
Vial Number:	**RB3**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/12/2021 18:09**	*Sample Weight:*	**1.0000**

Run Time:



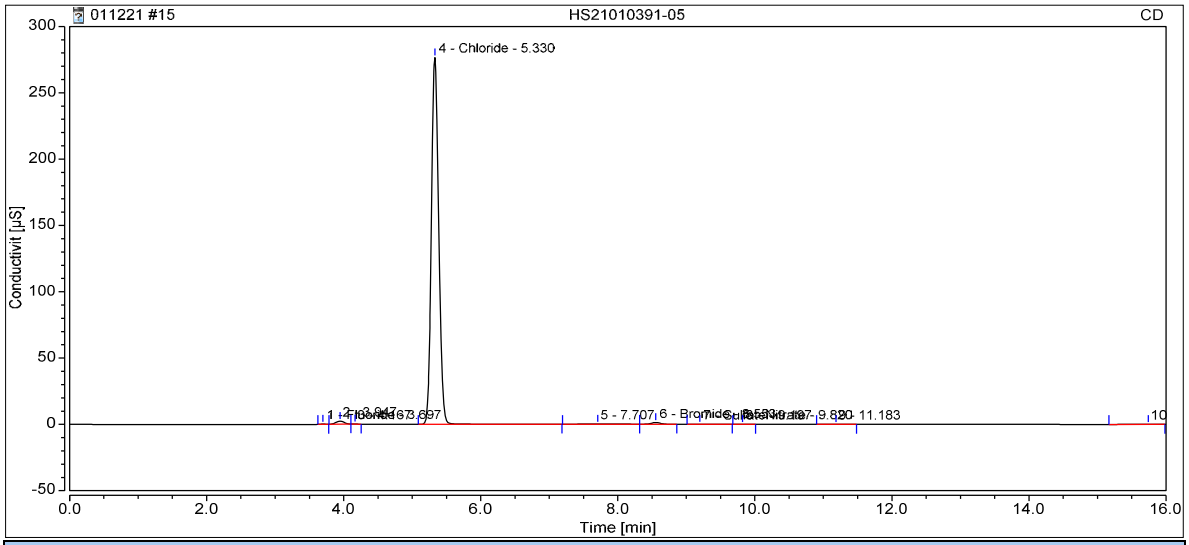
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.70	Fluoride	BMB	0.035	0.1659	0.1659	1.0000
2	5.33	Chloride	BMB	24.698	115.6649	115.6649	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
5	8.55	Bromide	M	0.153	1.8963	1.8963	1.0000
6	9.09	Sulfate	M	8.617	55.4045	55.4045	1.0000
7	9.81	Nitrate	M	0.014	0.0559	0.0559	1.0000
8	10.86	Chlorate	MB	0.229	2.3303	2.3303	1.0000
9	13.87	Phosphate	BMB	0.018	0.2227	0.2227	1.0000
Total:			**0.000**	**33.763**		**175.74**	

15 HS21010391-05

Sample Name:	**HS21010391-05**	*Injection Volume:*	**5.00**
Vial Number:	**RB4**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/12/2021 18:28**	*Sample Weight:*	**1.0000**

Run Time:



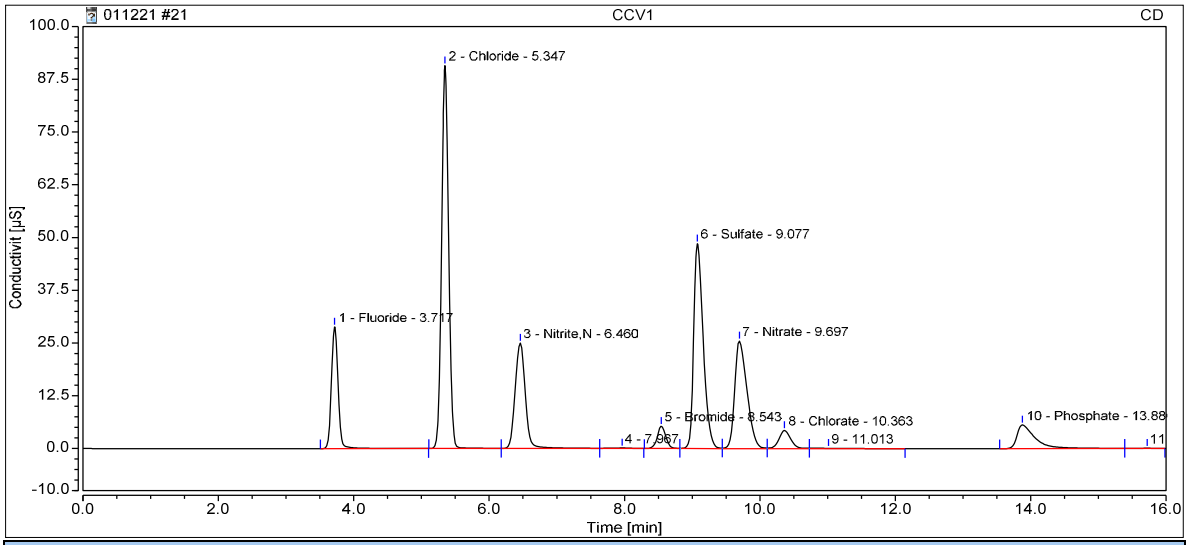
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.70	Fluoride	BMB	0.020	0.1180	0.1180	1.0000
4	5.33	Chloride	BMB	33.971	159.0212	159.0212	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
6	8.55	Bromide	BMB	0.199	2.4643	2.4643	1.0000
7	9.20	Sulfate	BMB	0.011	0.2641	0.2641	1.0000
8	9.82	Nitrate	BMB	0.002	0.0336	0.0336	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**34.203**		**161.90**	

21 CCV1

Sample Name:	**CCV1**	*Injection Volume:*	**5.00**
Vial Number:	**R3**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/12/2021 20:16**	*Sample Weight:*	**1.0000**

Run Time:



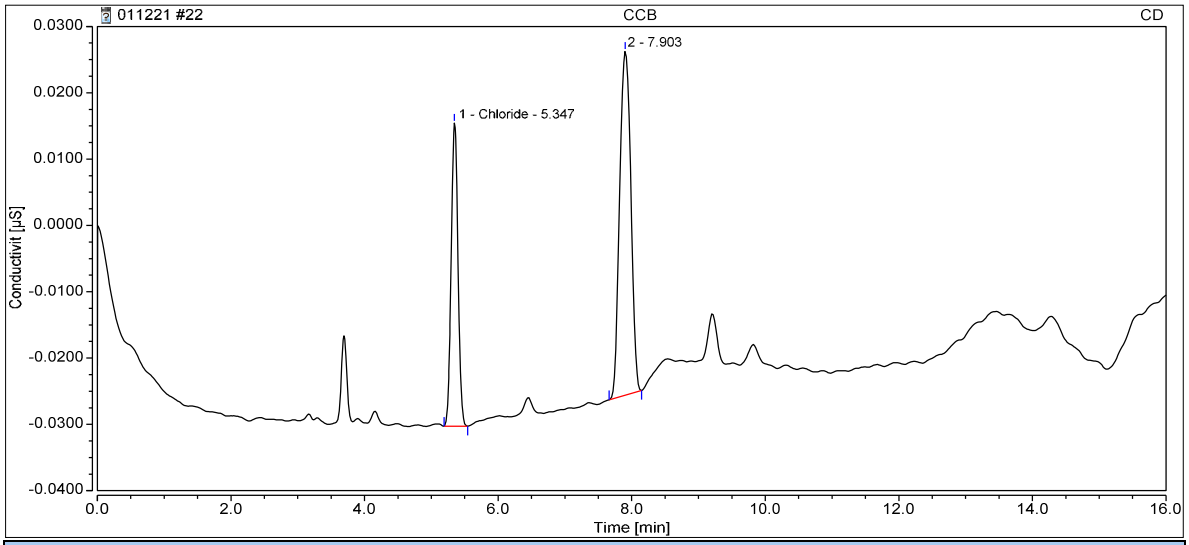
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	3.280	10.5656	10.5656	1.0000
2	5.35	Chloride	BMB	10.943	51.3562	51.3562	1.0000
3	6.46	Nitrite,N	BMB	4.332	10.0498	10.0498	1.0000
5	8.54	Bromide	BM	0.778	9.5640	9.5640	1.0000
6	9.08	Sulfate	M	7.885	50.7129	50.7129	1.0000
7	9.70	Nitrate	M	5.347	9.9834	9.9834	1.0000
8	10.36	Chlorate	M	0.877	9.2745	9.2745	1.0000
10	13.88	Phosphate	BMB	1.747	9.5024	9.5024	1.0000
Total:			**0.000**	**35.189**		**161.01**	

22 CCB

Sample Name:	**CCB**	*Injection Volume:*	**5.00**
Vial Number:	**B8**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/12/2021 20:53**	*Sample Weight:*	**1.0000**

Run Time:



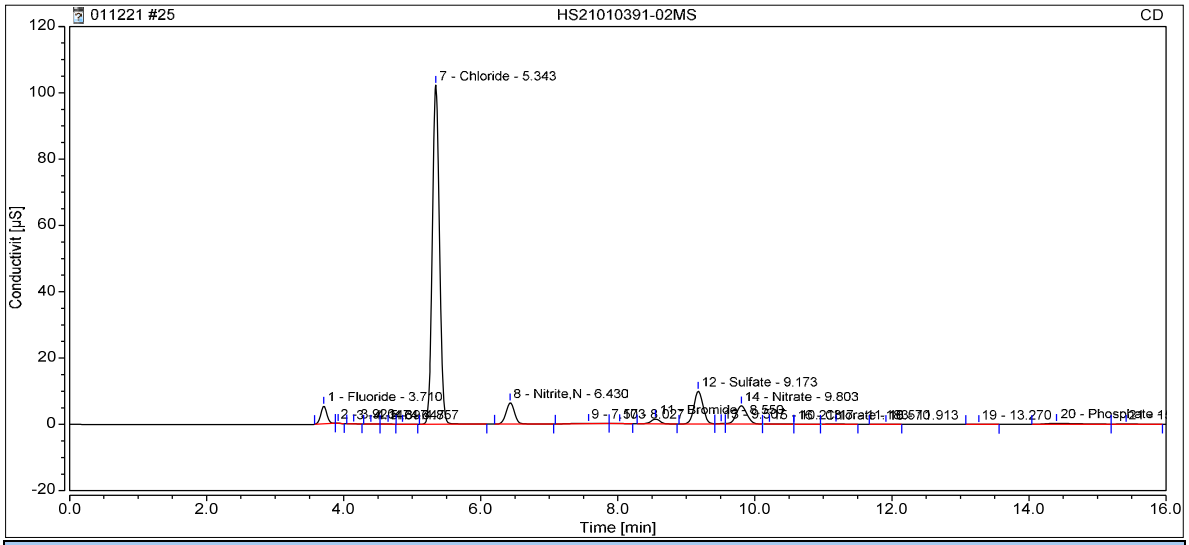
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
1	5.35	Chloride	BMB	0.005	0.2183	0.2183	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.005**		**0.22**	

25 HS21010391-02MS

Sample Name:	**HS21010391-02MS**	*Injection Volume:*	**5.00**
Vial Number:	**RB5**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/12/2021 21:47**	*Sample Weight:*	**1.0000**

Run Time:



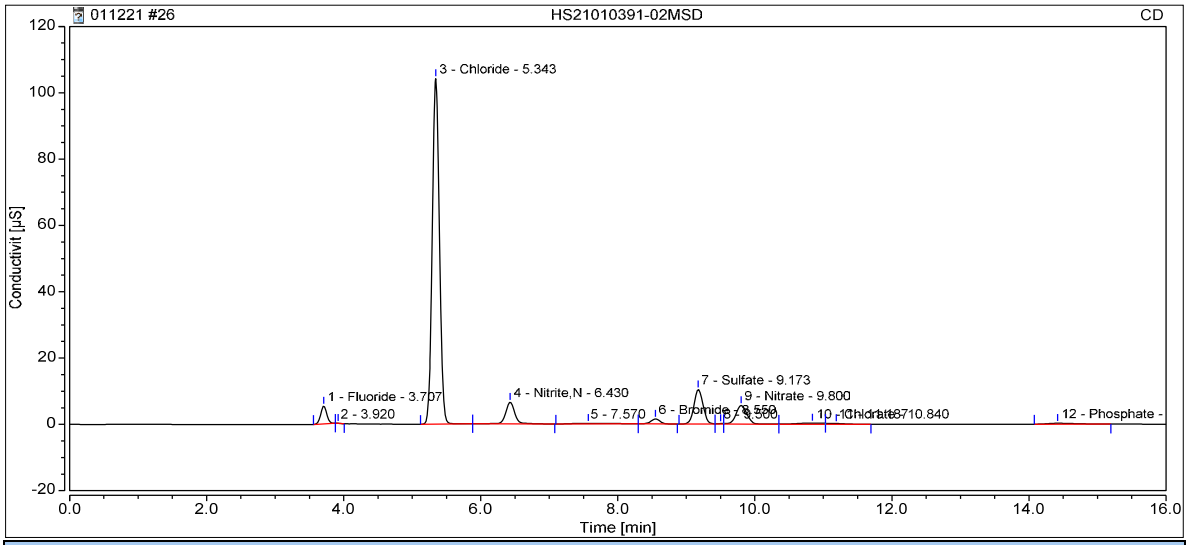
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMB	0.543	1.7929	1.7929	1.0000
7	5.34	Chloride	BMB	12.258	57.5040	57.5040	1.0000
8	6.43	Nitrite,N	BMB	0.919	2.1182	2.1182	1.0000
11	8.55	Bromide	BMB	0.224	2.7718	2.7718	1.0000
12	9.17	Sulfate	BM	1.526	9.9687	9.9687	1.0000
14	9.80	Nitrate	M	1.005	1.9004	1.9004	1.0000
16	10.57	Chlorate	M	0.004	n.a.	n.a.	1.0000
20	14.40	Phosphate	BMB	0.140	0.8806	0.8806	1.0000
Total:			**0.000**	**16.619**		**76.94**	

26 HS21010391-02MSD

Sample Name:	**HS21010391-02MSD**	*Injection Volume:*	**5.00**
Vial Number:	**RB6**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/12/2021 22:05**	*Sample Weight:*	**1.0000**

Run Time:



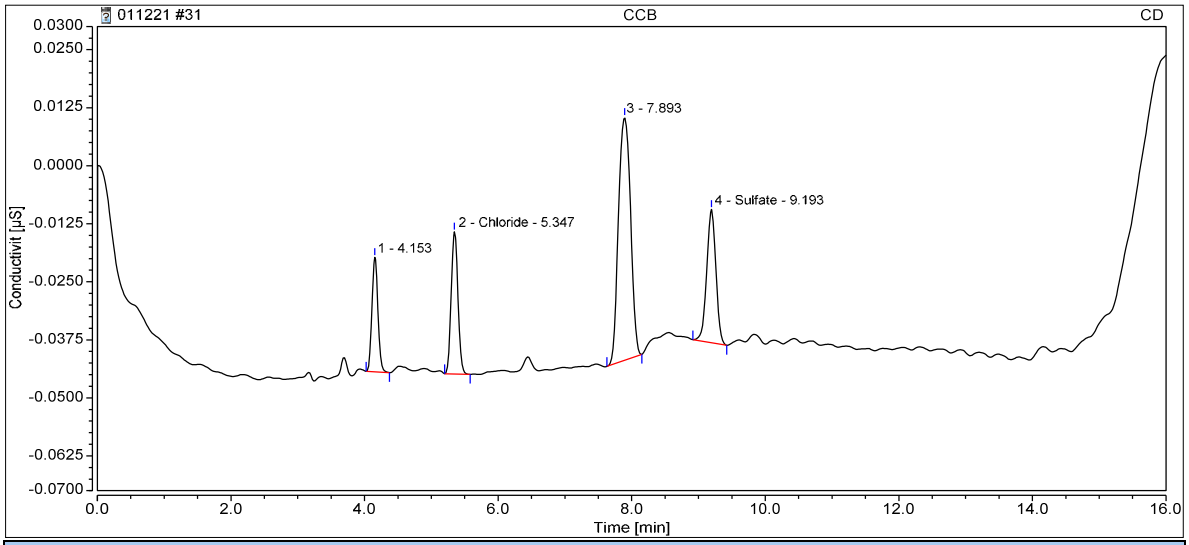
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMB	0.545	1.7992	1.7992	1.0000
3	5.34	Chloride	BMB	12.473	58.5079	58.5079	1.0000
4	6.43	Nitrite,N	BMB	0.999	2.3041	2.3041	1.0000
6	8.55	Bromide	BMB	0.230	2.8448	2.8448	1.0000
7	9.17	Sulfate	BM	1.597	10.4262	10.4262	1.0000
9	9.80	Nitrate	M	1.038	1.9613	1.9613	1.0000
10	10.84	Chlorate	M	0.144	1.4183	1.4183	1.0000
12	14.42	Phosphate	BMB	0.130	0.8267	0.8267	1.0000
Total:			**0.000**	**17.155**		**80.09**	

31 CCB

Sample Name:	**CCB**	*Injection Volume:*	**5.00**
Vial Number:	**B3**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/12/2021 23:36**	*Sample Weight:*	**1.0000**

Run Time:



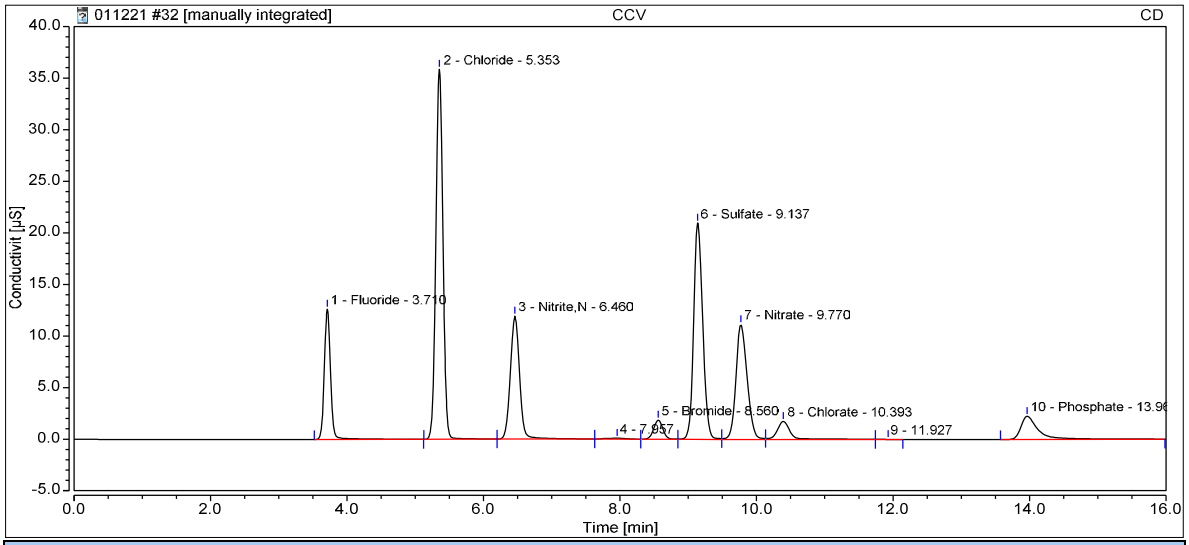
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
2	5.35	Chloride	BMB	0.004	0.2100	0.2100	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
4	9.19	Sulfate	BMB	0.005	0.2218	0.2218	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.008**		**0.43**	

32 CCV

Sample Name:	**CCV**	*Injection Volume:*	**5.00**
Vial Number:	**R1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 00:12**	*Sample Weight:*	**1.0000**

Run Time:



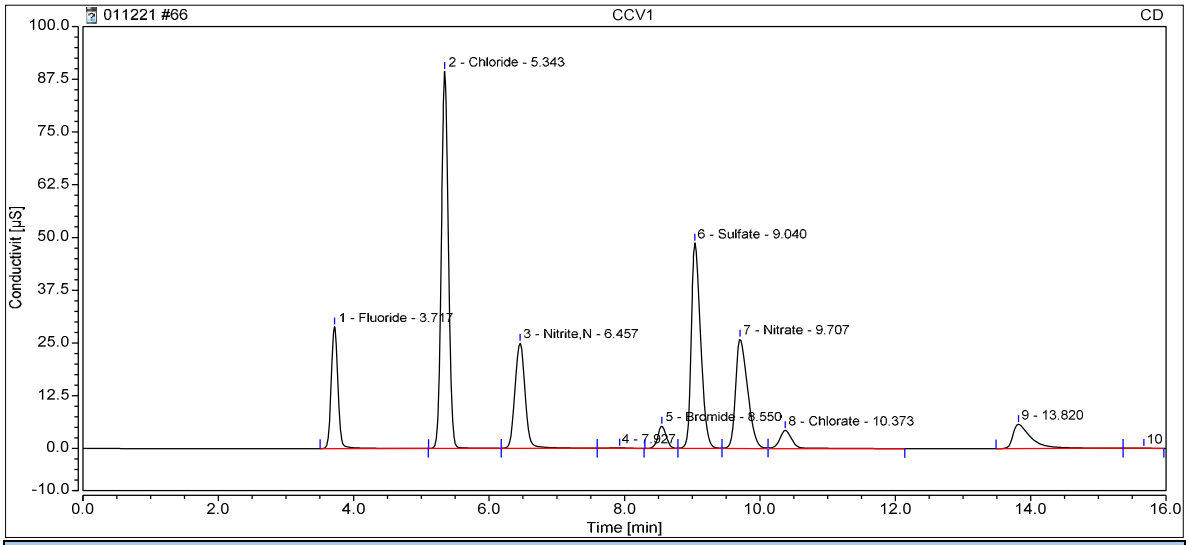
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMB	1.351	4.3829	4.3829	1.0000
2	5.35	Chloride	BMB	4.267	20.1455	20.1455	1.0000
3	6.46	Nitrite,N	BMb*	1.889	4.3723	4.3723	1.0000
5	8.56	Bromide	M *	0.297	3.6626	3.6626	1.0000
6	9.14	Sulfate	M *	3.213	20.7771	20.7771	1.0000
7	9.77	Nitrate	M *	2.117	3.9713	3.9713	1.0000
8	10.39	Chlorate	M *	0.401	4.1793	4.1793	1.0000
10	13.96	Phosphate	BMB	0.688	3.8205	3.8205	1.0000
Total:			**0.000**	**14.224**		**65.31**	

66 CCV1

Sample Name:	**CCV1**	*Injection Volume:*	**5.00**
Vial Number:	**R3**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 12:36**	*Sample Weight:*	**1.0000**

Run Time:



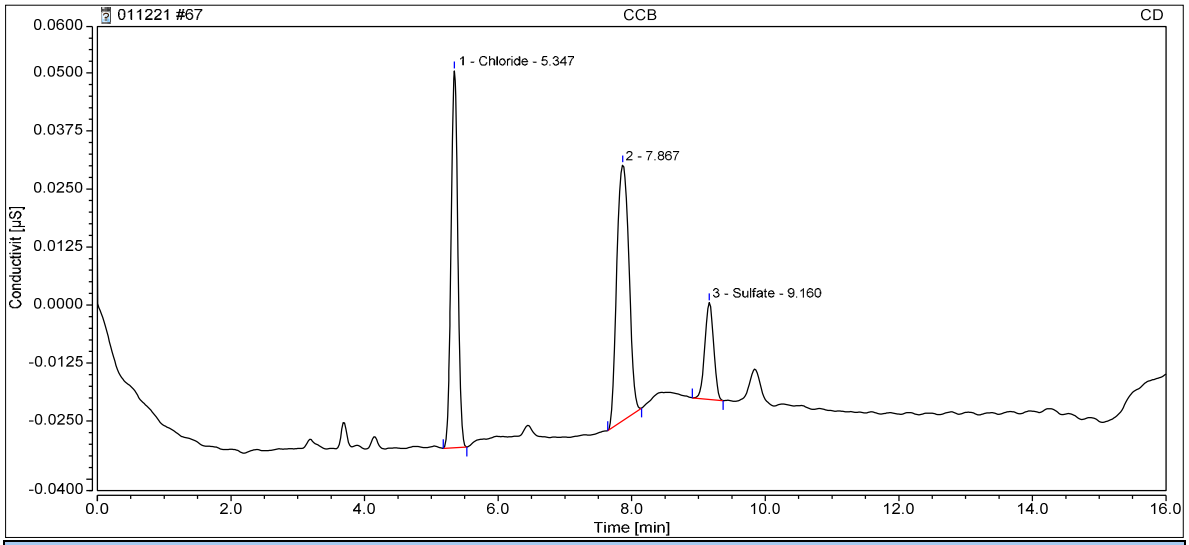
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	3.302	10.6347	10.6347	1.0000
2	5.34	Chloride	BMB	10.771	50.5510	50.5510	1.0000
3	6.46	Nitrite,N	BMB	4.342	10.0710	10.0710	1.0000
5	8.55	Bromide	BM	0.778	9.5691	9.5691	1.0000
6	9.04	Sulfate	M	7.840	50.4296	50.4296	1.0000
7	9.71	Nitrate	M	5.346	9.9801	9.9801	1.0000
8	10.37	Chlorate	MB	0.947	10.0282	10.0282	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**33.325**		**151.26**	

67 CCB

Sample Name:	**CCB**	*Injection Volume:*	**5.00**
Vial Number:	**B6**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 12:54**	*Sample Weight:*	**1.0000**

Run Time:



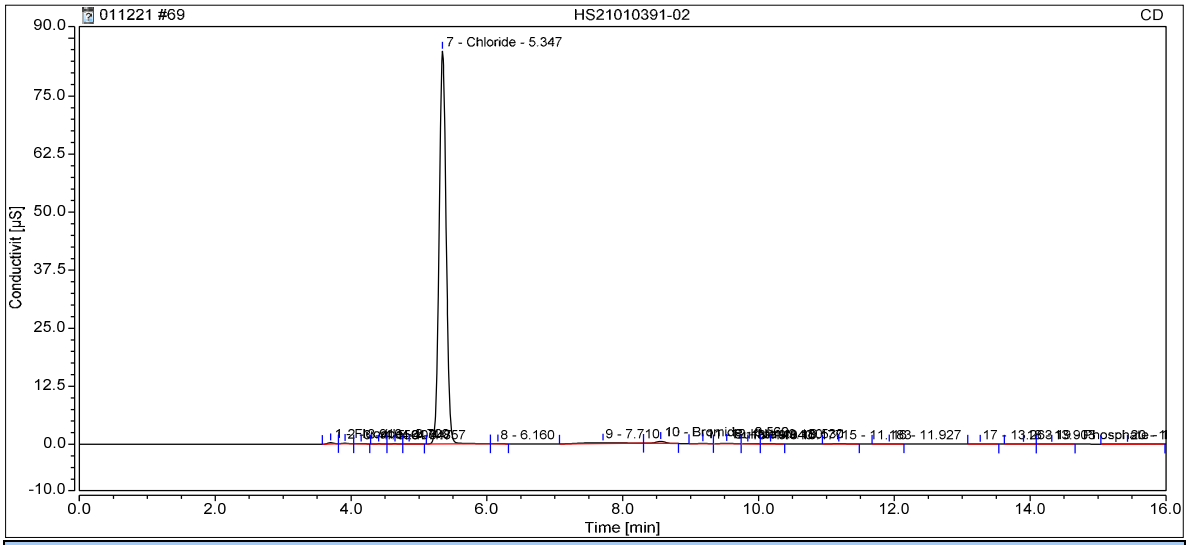
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
1	5.35	Chloride	BMB	0.009	0.2376	0.2376	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
3	9.16	Sulfate	BMB	0.003	0.2130	0.2130	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.013**		**0.45**	

69 HS21010391-02

Sample Name:	**HS21010391-02**	*Injection Volume:*	**5.00**
Vial Number:	**RB1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 13:40**	*Sample Weight:*	**1.0000**

Run Time:



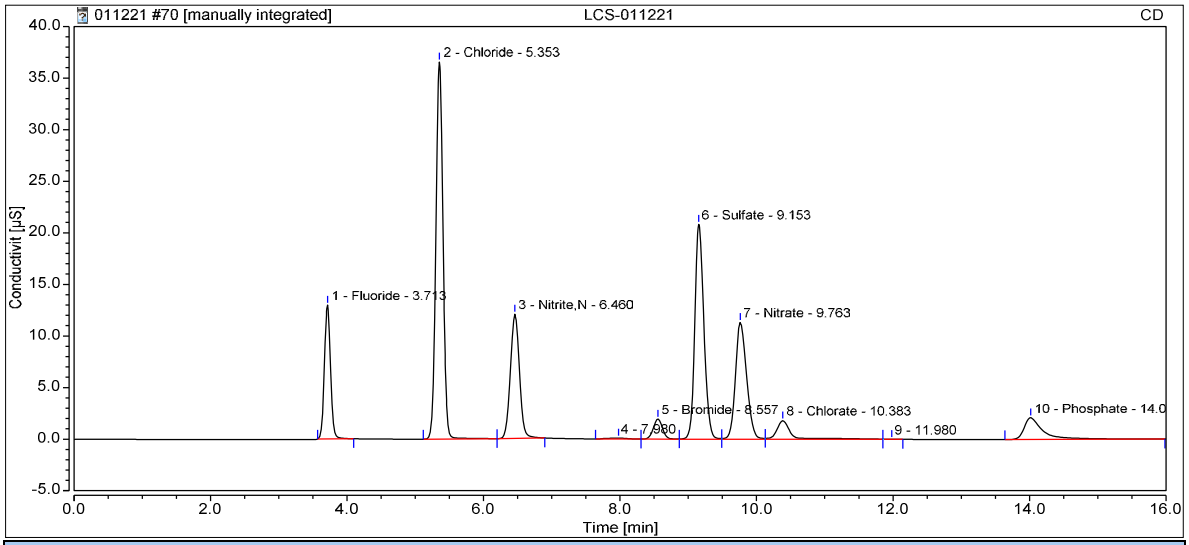
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.70	Fluoride	BMB	0.029	0.1467	0.1467	1.0000
7	5.35	Chloride	BMB	10.099	47.4118	47.4118	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
10	8.56	Bromide	BMB	0.070	0.8808	0.8808	1.0000
11	9.18	Sulfate	BM	0.006	0.2322	0.2322	1.0000
12	9.53	Nitrate	M	0.018	0.0632	0.0632	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
19	14.32	Phosphate	BMB	0.006	0.1623	0.1623	1.0000
Total:			**0.000**	**10.229**		**48.90**	

70 LCS-011221

Sample Name:	**LCS-011221**	*Injection Volume:*	**5.00**
Vial Number:	**R2**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 14:17**	*Sample Weight:*	**1.0000**

Run Time:



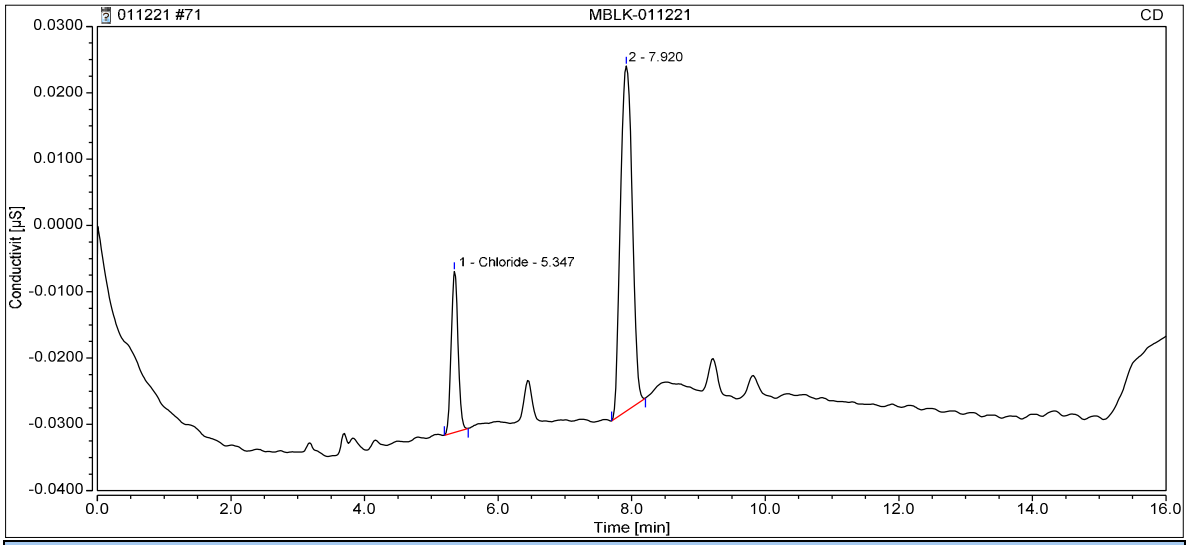
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMB*	1.343	4.3569	4.3569	1.0000
2	5.35	Chloride	BMb*	4.372	20.6359	20.6359	1.0000
3	6.46	Nitrite,N	bMB*	1.873	4.3363	4.3363	1.0000
5	8.56	Bromide	BM	0.302	3.7301	3.7301	1.0000
6	9.15	Sulfate	M	3.195	20.6636	20.6636	1.0000
7	9.76	Nitrate	M	2.153	4.0381	4.0381	1.0000
8	10.38	Chlorate	M	0.438	4.5690	4.5690	1.0000
10	14.02	Phosphate	BMB	0.690	3.8300	3.8300	1.0000
Total:			**0.000**	**14.367**		**66.16**	

71 MBLK-011221

Sample Name:	**MBLK-011221**	*Injection Volume:*	**5.00**
Vial Number:	**B2**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 14:35**	*Sample Weight:*	**1.0000**

Run Time:



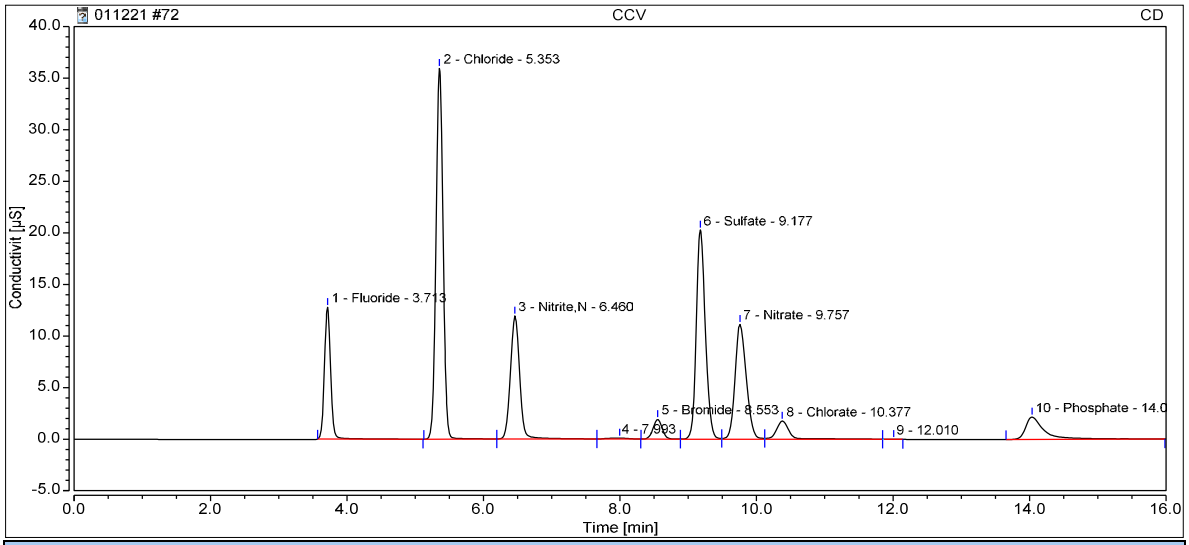
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
1	5.35	Chloride	BMB	0.003	0.2067	0.2067	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.003**		**0.21**	

72 CCV

Sample Name:	**CCV**	*Injection Volume:*	**5.00**
Vial Number:	**R1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 14:53**	*Sample Weight:*	**1.0000**

Run Time:



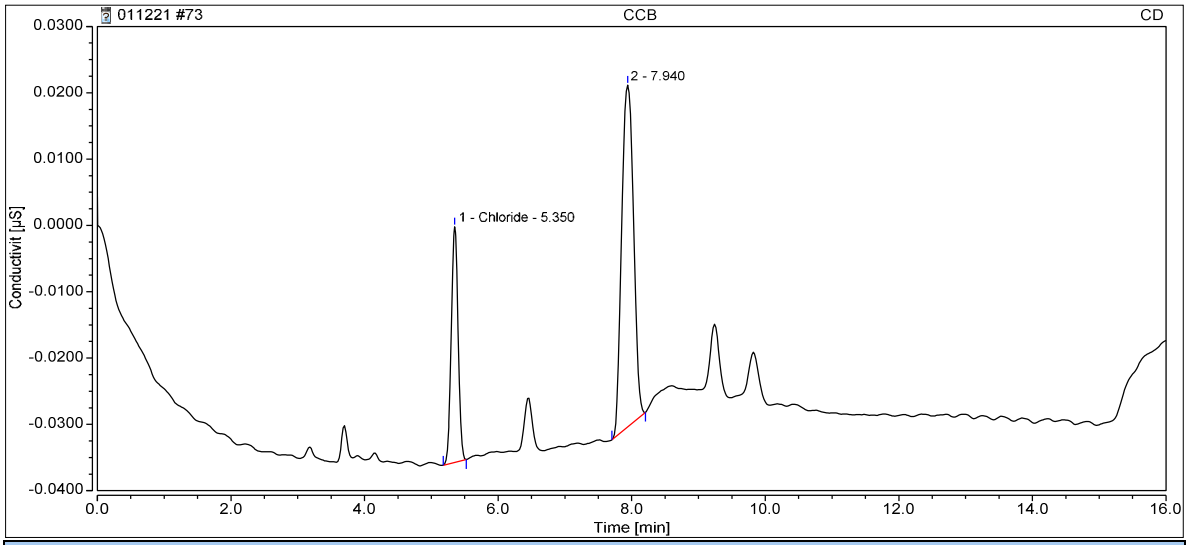
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMB	1.348	4.3752	4.3752	1.0000
2	5.35	Chloride	BMB	4.284	20.2216	20.2216	1.0000
3	6.46	Nitrite,N	BMB	1.894	4.3837	4.3837	1.0000
5	8.55	Bromide	BM	0.296	3.6480	3.6480	1.0000
6	9.18	Sulfate	M	3.128	20.2352	20.2352	1.0000
7	9.76	Nitrate	M	2.124	3.9835	3.9835	1.0000
8	10.38	Chlorate	M	0.401	4.1698	4.1698	1.0000
10	14.04	Phosphate	BMB	0.701	3.8866	3.8866	1.0000
Total:			**0.000**	**14.175**		**64.90**	

73 CCB

Sample Name:	**CCB**	*Injection Volume:*	**5.00**
Vial Number:	**B4**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 15:11**	*Sample Weight:*	**1.0000**

Run Time:



Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
1	5.35	Chloride	BMB	0.004	0.2128	0.2128	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.004**		**0.21**	

Sequence: 012021
Last Update Operator: alshs.nouser

CD	Name	Comment	Type	Position	Dilution	Level	Instrument Method	Processing Method	me	Status
	STD1		Calibration	BE1	1.00	1	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD2		Calibration	BE2	1.00	2	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD3		Calibration	BE3	1.00	3	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD4		Calibration	BE4	1.00	4	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD5		Calibration	BE5	1.00	5	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD6		Calibration	BE6	1.00	6	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	ICV		Unknown	BE7	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	ICB		Unknown	BE8	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCV1		Unknown	R3	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCB		Unknown	B6	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010741-04		Unknown	RD2	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCV		Unknown	R1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCB		Unknown	B1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010741-04MS		Unknown	RE3	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010741-04MSD		Unknown	RE4	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010391-04DF10		Unknown	RE5	10.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010391-05DF10		Unknown	RE6	10.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCV1		Unknown	R3	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCB		Unknown	B6	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	MBLK-012021		Unknown	B1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	LCS-012021		Unknown	R2	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCV		Unknown	R1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCB		Unknown	B1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished

Sequence: 012021
Last Update Operator: alshs.nouser

Inject Time
12/22/2020 10:09:24 AM -06:00
12/22/2020 10:27:30 AM -06:00
12/22/2020 10:45:39 AM -06:00
12/22/2020 11:03:45 AM -06:00
12/22/2020 11:21:56 AM -06:00
12/22/2020 11:40:02 AM -06:00
12/22/2020 11:58:12 AM -06:00
12/22/2020 12:37:40 PM -06:00
1/20/2021 11:02:56 PM -06:00
1/20/2021 11:39:09 PM -06:00
1/21/2021 1:09:43 AM -06:00
1/21/2021 2:40:17 AM -06:00
1/21/2021 3:16:30 AM -06:00
1/21/2021 5:23:16 AM -06:00
1/21/2021 5:41:21 AM -06:00
1/21/2021 5:59:26 AM -06:00
1/21/2021 6:17:35 AM -06:00
1/21/2021 6:35:42 AM -06:00
1/21/2021 7:11:54 AM -06:00
1/21/2021 9:55:04 AM -06:00
1/21/2021 10:49:25 AM -06:00
1/21/2021 11:07:35 AM -06:00
1/21/2021 11:48:55 AM -06:00

Sequence: 011521
Injection #6: STD6

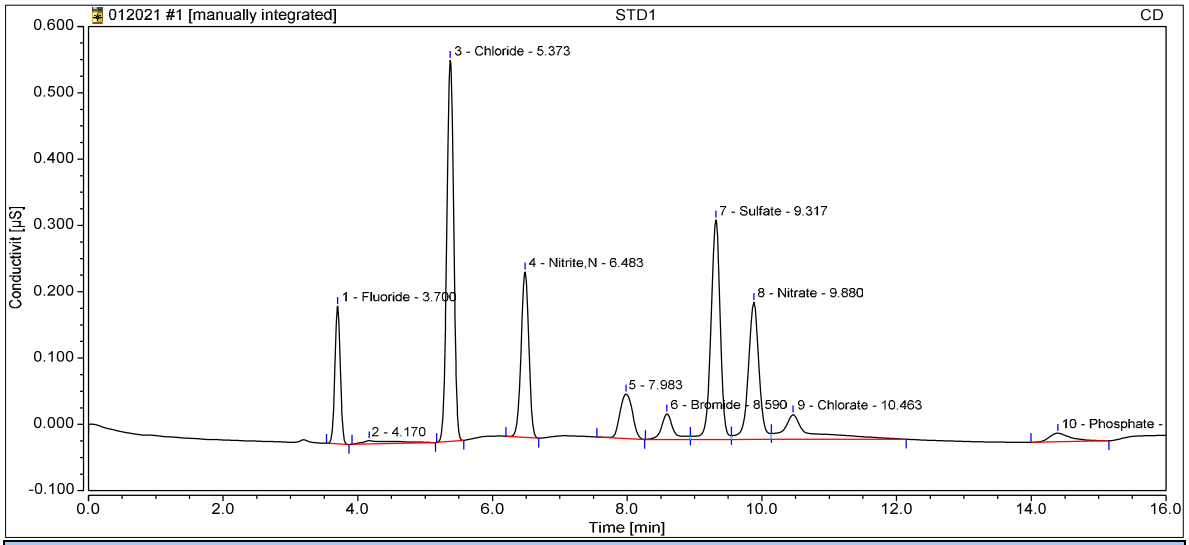
Calibration

Peak No.	Peak Name	Cal.Type	Eval.Type	Number of Points	Rel.Std.Dev. %	Coeff.of Determination	C0 (Offset)	C1 (Slope)	C2 (Curve)
1	***Fluoride***	***Lin, WithOffset, 1/x***	***Area***	***6***	***14.8670***	***0.99909***	***-0.0168***	***0.3120***	***0.0000***
2	Chloride	Lin, WithOffset, 1/x	Area	6	4.0466	0.99993	-0.0413	0.2139	0.0000
3	Nitrite,N	Lin, WithOffset, 1/x	Area	6	32.6008	0.99398	0.0072	0.4304	0.0000
5	Bromide	Lin, WithOffset, 1/x	Area	6	18.1106	0.99842	-0.0017	0.0815	0.0000
6	Sulfate	Lin, WithOffset, 1/x	Area	6	6.2085	0.99983	-0.0300	0.1561	0.0000
7	Nitrate	Lin, WithOffset, 1/x	Area	6	5.0172	0.99988	-0.0160	0.5372	0.0000
8	Chlorate	Lin, WithOffset, 1/x	Area	6	20.3296	0.99642	0.0117	0.0933	0.0000
11	Phosphate	Lin, WithOffset, 1/x	Area	6	59.1323	0.99061	-0.0237	0.1864	0.0000
Maximum					**59.1323**	0.99993			
Minimum					4.0466	**0.99061**			

1 STD1

Sample Name:	**STD1**	*Injection Volume:*	**5.00**
Vial Number:	**BE1**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 10:09**	*Sample Weight:*	**1.0000**

Run Time:



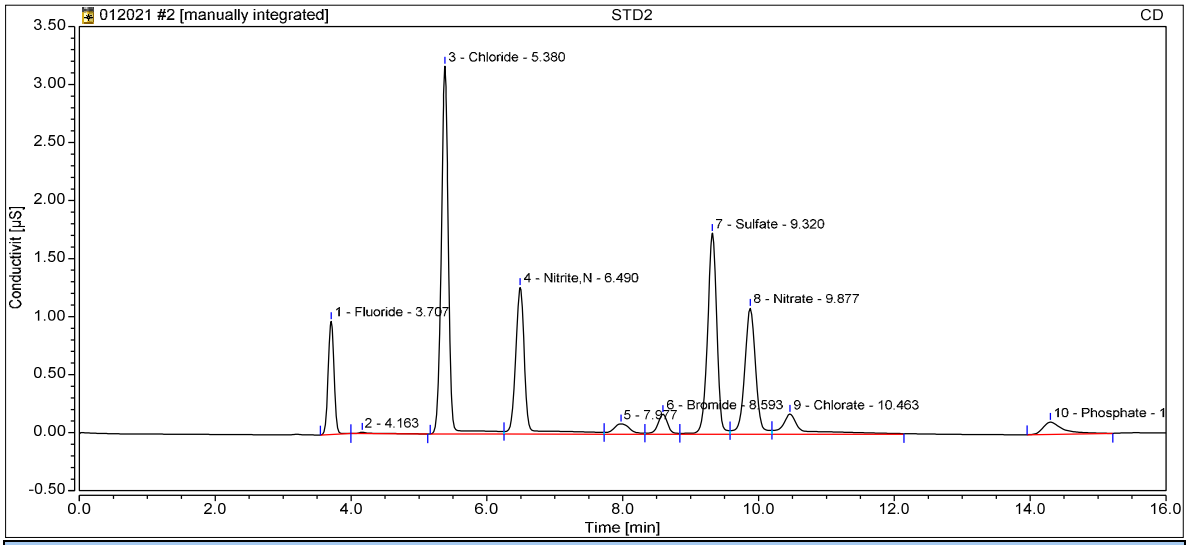
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.70	Fluoride	BMB*	0.019	0.1152	0.1152	1.0000
3	5.37	Chloride	BMB	0.068	0.5111	0.5111	1.0000
4	6.48	Nitrite,N	BMB	0.033	0.0600	0.0600	1.0000
6	8.59	Bromide	BM	0.008	0.1157	0.1157	1.0000
7	9.32	Sulfate	M	0.053	0.5325	0.5325	1.0000
8	9.88	Nitrate	M	0.038	0.1011	0.1011	1.0000
9	10.46	Chlorate	MB	0.017	0.0550	0.0550	1.0000
10	14.39	Phosphate	BMB	0.005	0.1539	0.1539	1.0000
Total:			**0.000**	**0.241**		**1.64**	

2 STD2

Sample Name:	**STD2**	*Injection Volume:*	**5.00**
Vial Number:	**BE2**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 10:27**	*Sample Weight:*	**1.0000**

Run Time:



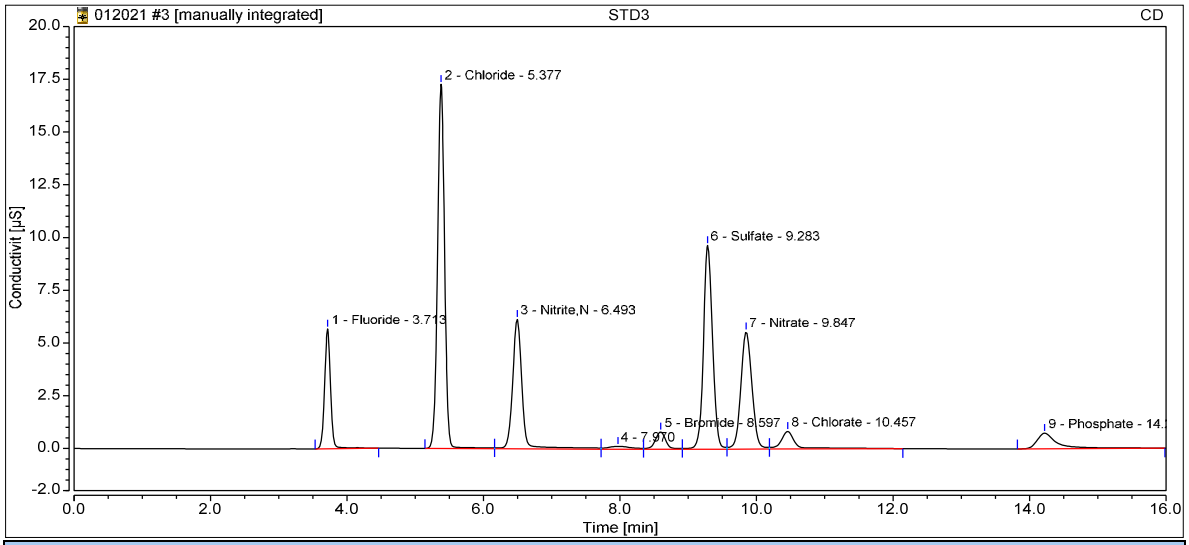
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMb*	0.097	0.3640	0.3640	1.0000
3	5.38	Chloride	BM *	0.390	2.0158	2.0158	1.0000
4	6.49	Nitrite,N	M *	0.207	0.4633	0.4633	1.0000
6	8.59	Bromide	M *	0.030	0.3908	0.3908	1.0000
7	9.32	Sulfate	M *	0.275	1.9562	1.9562	1.0000
8	9.88	Nitrate	M *	0.204	0.4096	0.4096	1.0000
9	10.46	Chlorate	M *	0.062	0.5391	0.5391	1.0000
10	14.30	Phosphate	BMB	0.036	0.3192	0.3192	1.0000
Total:			**0.000**	**1.300**		**6.46**	

3 STD3

Sample Name:	**STD3**	*Injection Volume:*	**5.00**
Vial Number:	**BE3**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 10:45**	*Sample Weight:*	**1.0000**

Run Time:



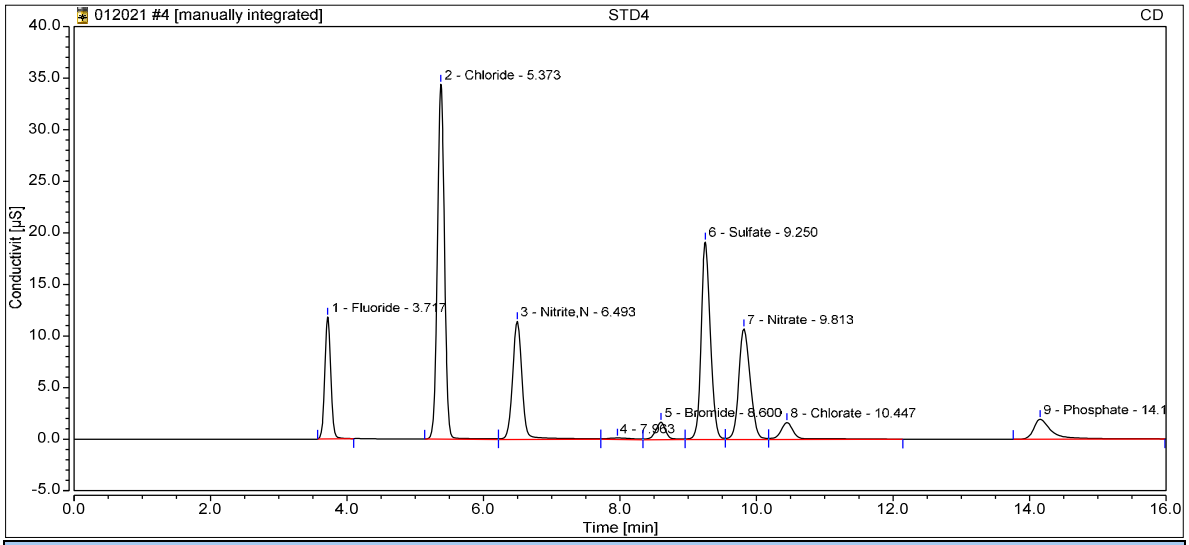
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMB*	0.569	1.8774	1.8774	1.0000
2	5.38	Chloride	BM *	2.060	9.8259	9.8259	1.0000
3	6.49	Nitrite,N	M *	0.999	2.3042	2.3042	1.0000
5	8.60	Bromide	M *	0.149	1.8520	1.8520	1.0000
6	9.28	Sulfate	M *	1.491	9.7446	9.7446	1.0000
7	9.85	Nitrate	M *	1.041	1.9683	1.9683	1.0000
8	10.46	Chlorate	MB*	0.212	2.1462	2.1462	1.0000
9	14.22	Phosphate	BMB	0.260	1.5229	1.5229	1.0000
Total:			**0.000**	**6.782**		**31.24**	

4 STD4

Sample Name:	**STD4**	*Injection Volume:*	**5.00**
Vial Number:	**BE4**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 11:03**	*Sample Weight:*	**1.0000**

Run Time:



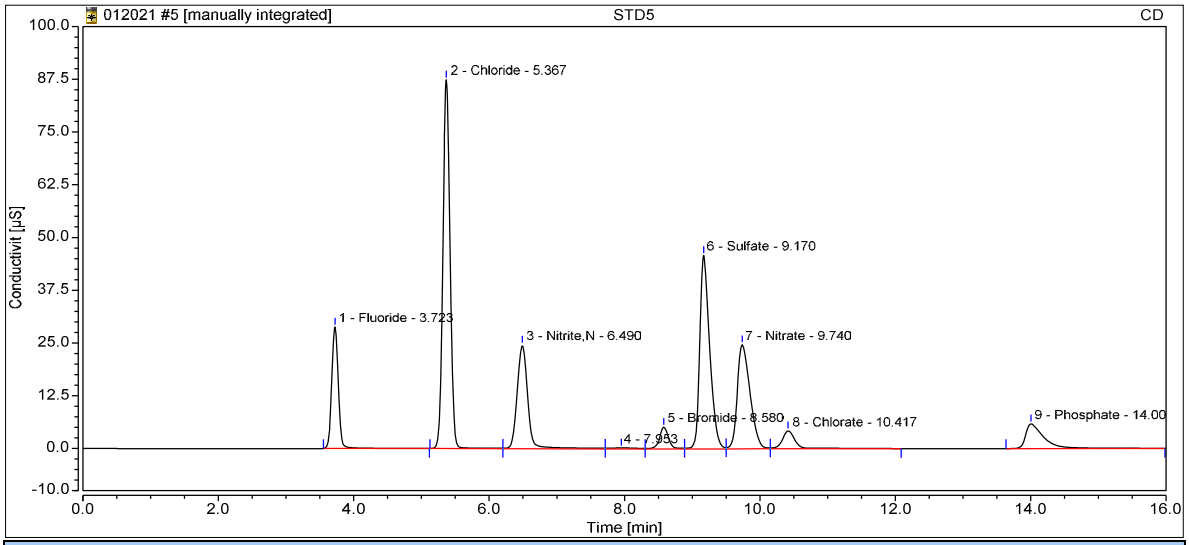
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	1.190	3.8683	3.8683	1.0000
2	5.37	Chloride	BM *	4.159	19.6370	19.6370	1.0000
3	6.49	Nitrite,N	M *	1.911	4.4234	4.4234	1.0000
5	8.60	Bromide	M *	0.297	3.6601	3.6601	1.0000
6	9.25	Sulfate	M *	3.009	19.4699	19.4699	1.0000
7	9.81	Nitrate	M *	2.080	3.9010	3.9010	1.0000
8	10.45	Chlorate	MB*	0.395	4.1143	4.1143	1.0000
9	14.16	Phosphate	BMB	0.611	3.4036	3.4036	1.0000
Total:			**0.000**	**13.651**		**62.48**	

5 STD5

Sample Name:	**STD5**	*Injection Volume:*	**5.00**
Vial Number:	**BE5**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 11:21**	*Sample Weight:*	**1.0000**

Run Time:



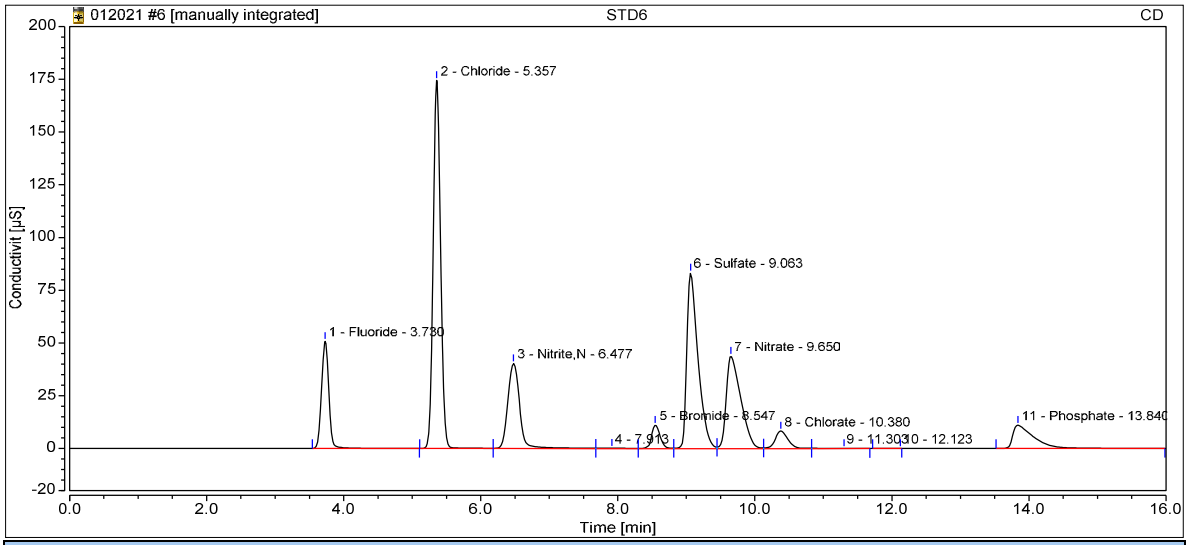
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	3.216	10.3590	10.3590	1.0000
2	5.37	Chloride	BM *	10.661	50.0390	50.0390	1.0000
3	6.49	Nitrite,N	M *	4.495	10.4277	10.4277	1.0000
5	8.58	Bromide	M *	0.814	10.0122	10.0122	1.0000
6	9.17	Sulfate	M *	7.787	50.0866	50.0866	1.0000
7	9.74	Nitrate	M *	5.356	9.9989	9.9989	1.0000
8	10.42	Chlorate	MB*	0.978	10.3629	10.3629	1.0000
9	14.01	Phosphate	BMB	1.822	9.9044	9.9044	1.0000
Total:			**0.000**	**35.129**		**161.19**	

6 STD6

Sample Name:	**STD6**	*Injection Volume:*	**5.00**
Vial Number:	**BE6**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 11:40**	*Sample Weight:*	**1.0000**

Run Time:



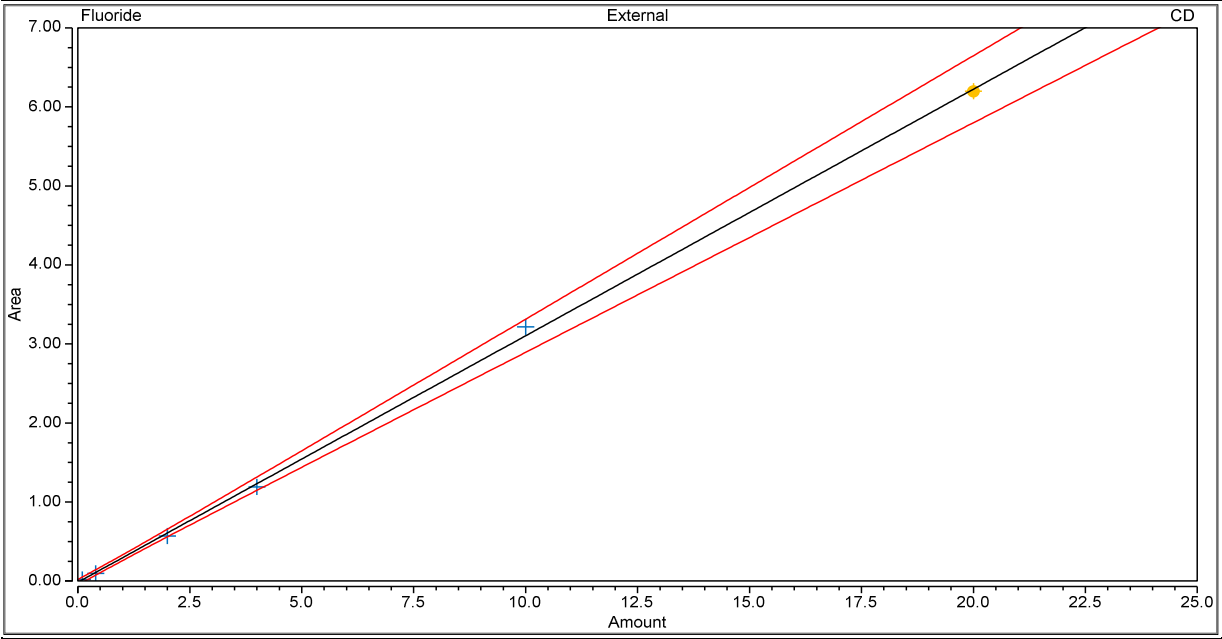
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.73	Fluoride	BMB	6.198	19.9160	19.9160	1.0000
2	5.36	Chloride	BMb*	21.448	100.4712	100.4712	1.0000
3	6.48	Nitrite,N	bM *	8.107	18.8214	18.8214	1.0000
5	8.55	Bromide	M *	1.666	20.4692	20.4692	1.0000
6	9.06	Sulfate	M *	15.688	100.7100	100.7100	1.0000
7	9.65	Nitrate	M *	10.794	20.1211	20.1211	1.0000
8	10.38	Chlorate	M *	1.810	19.2825	19.2825	1.0000
11	13.84	Phosphate	BMB	3.927	21.1960	21.1960	1.0000
Total:			**0.000**	**69.637**		**320.99**	

Calibration

Calibration Details	Fluoride		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	-0.0168
Evaluation Type	Area	*Slope (C1)*	0.3120
Number of Calibration Points	6	*Curve (C2)*	0.0000
Number of disabled Calibration Points	0	*R-Square*	0.9991

Calibration Plot **Fluoride**



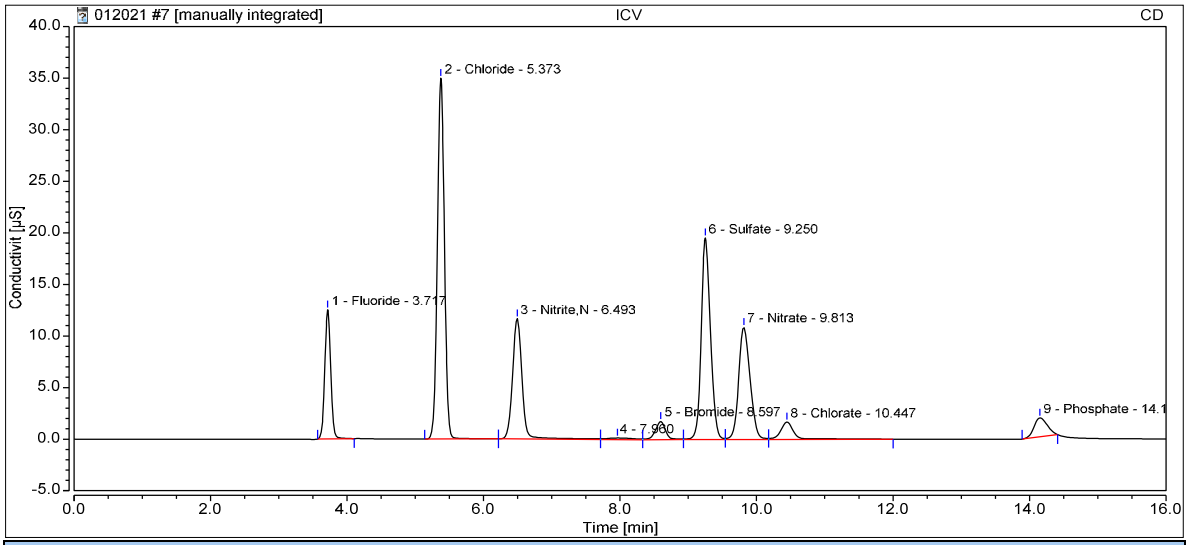
Calibration Results **Fluoride**

No.	Injection Name	Calibration Level	X Value CD Fluoride	Y Value CD Fluoride	Y Value CD Fluoride	Area µS*min CD Fluoride	Height µS CD Fluoride
1	STD1	1	0.1000	0.0192	0.0192	0.019	0.208
2	STD2	2	0.4000	0.0968	0.0968	0.097	0.973
3	STD3	3	2.0000	0.5690	0.5690	0.569	5.675
4	STD4	4	4.0000	1.1903	1.1903	1.190	11.819
5	STD5	5	10.0000	3.2156	3.2156	3.216	28.778
6	STD6	6	20.0000	6.1978	6.1978	6.198	50.799

7 ICV

Sample Name:	**ICV**	*Injection Volume:*	**5.00**
Vial Number:	**BE7**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 11:58**	*Sample Weight:*	**1.0000**

Run Time:



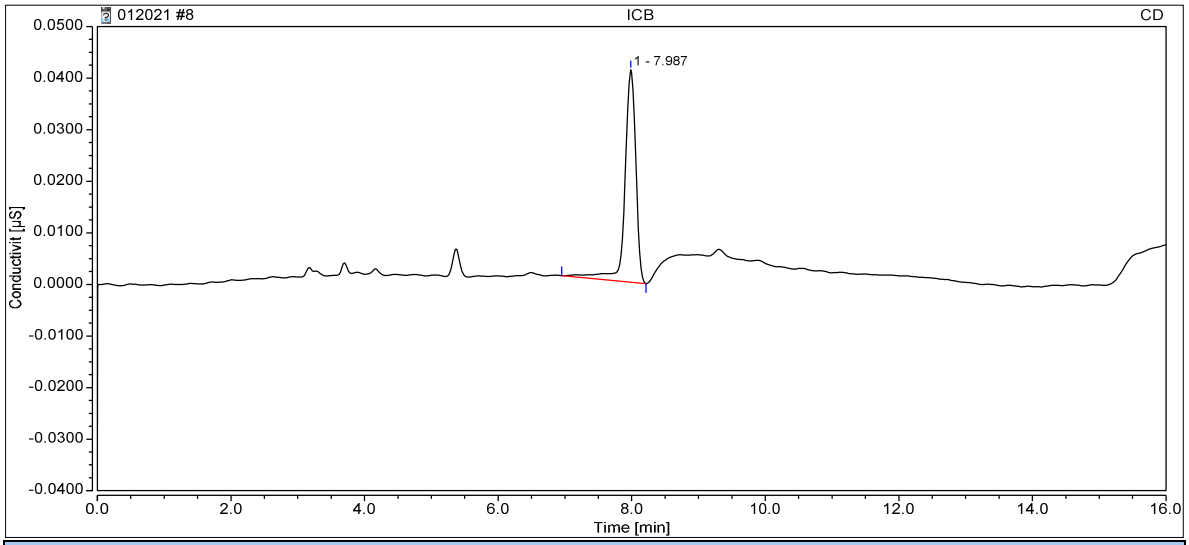
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	1.254	4.0740	4.0740	1.0000
2	5.37	Chloride	BMb*	4.186	19.7660	19.7660	1.0000
3	6.49	Nitrite,N	bM *	1.900	4.3980	4.3980	1.0000
5	8.60	Bromide	M *	0.307	3.7932	3.7932	1.0000
6	9.25	Sulfate	M *	3.081	19.9367	19.9367	1.0000
7	9.81	Nitrate	M *	2.103	3.9449	3.9449	1.0000
8	10.45	Chlorate	MB*	0.394	4.0992	4.0992	1.0000
9	14.15	Phosphate	BMB	0.411	2.3300	2.3300	1.0000
Total:			**0.000**	**13.637**		**62.34**	

8 ICB

Sample Name:	**ICB**	*Injection Volume:*	**5.00**
Vial Number:	**BE8**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 12:37**	*Sample Weight:*	**1.0000**

Run Time:



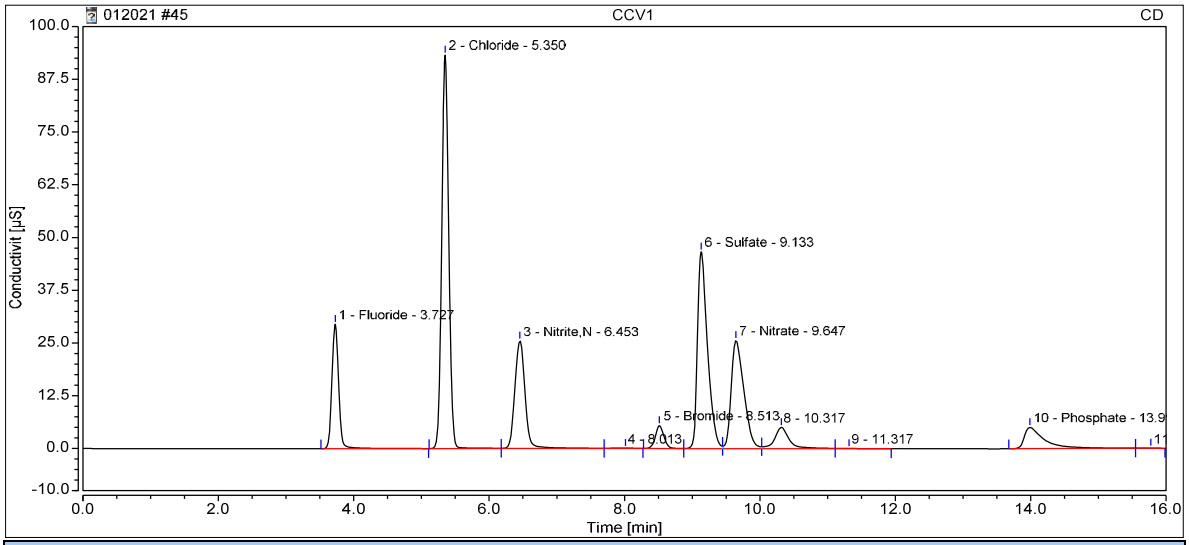
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.000**		**0.00**	

45 CCV1

Sample Name:	**CCV1**	*Injection Volume:*	**5.00**
Vial Number:	**R3**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/20/2021 23:02**	*Sample Weight:*	**1.0000**

Run Time:



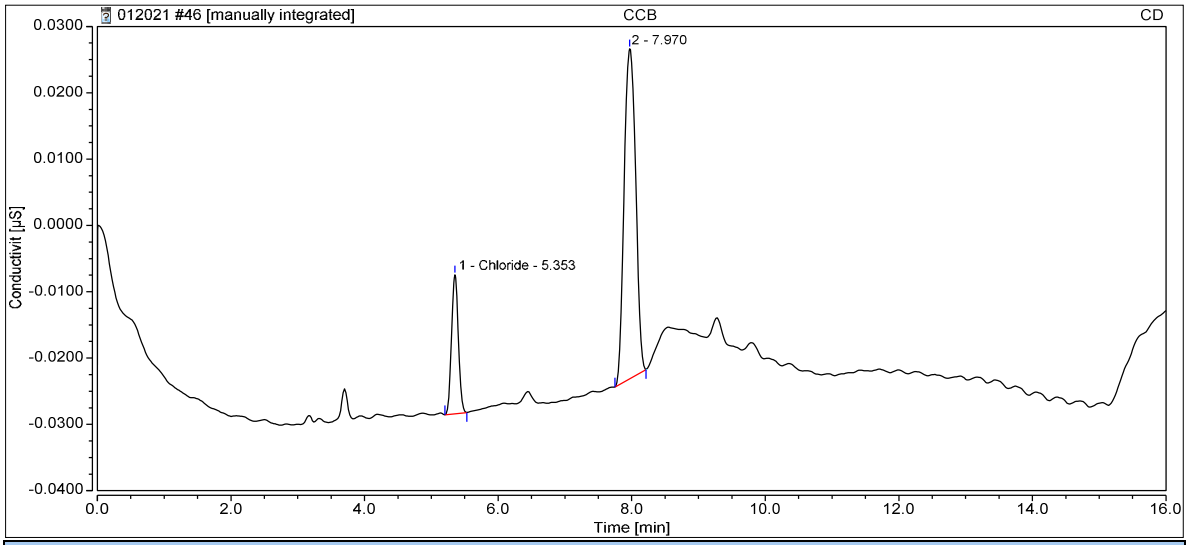
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.73	Fluoride	BMB	3.380	10.8863	10.8863	1.0000
2	5.35	Chloride	BMB	11.204	52.5757	52.5757	1.0000
3	6.45	Nitrite,N	BMB	4.421	10.2554	10.2554	1.0000
5	8.51	Bromide	BM	0.801	9.8468	9.8468	1.0000
6	9.13	Sulfate	M	8.014	51.5426	51.5426	1.0000
7	9.65	Nitrate	M	5.540	10.3416	10.3416	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
10	13.99	Phosphate	BMB	1.740	9.4615	9.4615	1.0000
Total:			**0.000**	**35.099**		**154.91**	

46 CCB

Sample Name:	**CCB**	*Injection Volume:*	**5.00**
Vial Number:	**B6**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/20/2021 23:39**	*Sample Weight:*	**1.0000**

Run Time:



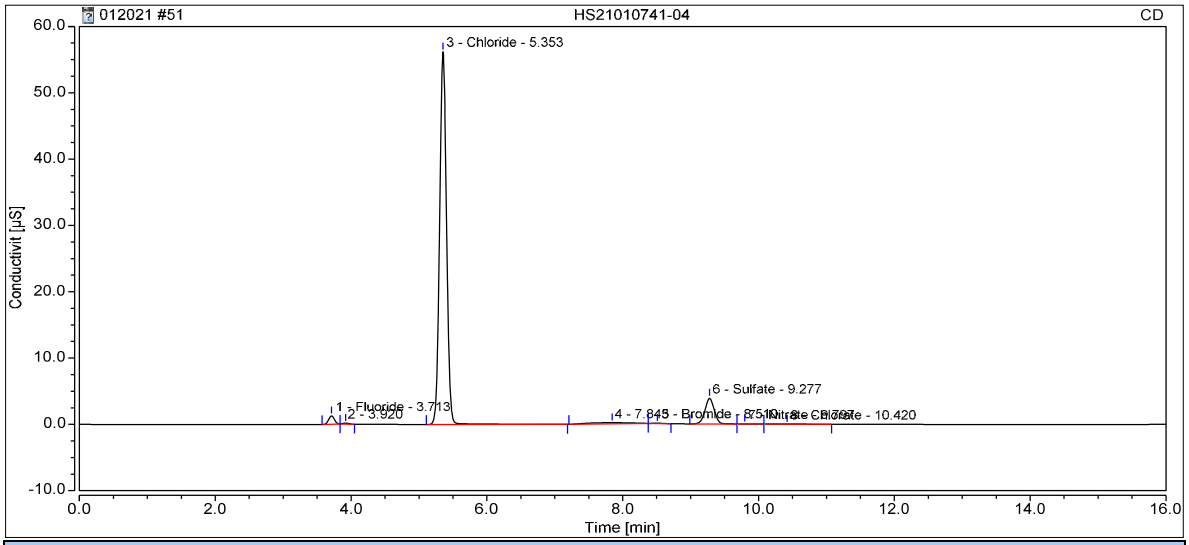
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
1	5.35	Chloride	BMB	0.002	0.2048	0.2048	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.002**		**0.20**	

51 HS21010741-04

Sample Name:	**HS21010741-04**	*Injection Volume:*	**5.00**
Vial Number:	**RD2**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/21/2021 01:09**	*Sample Weight:*	**1.0000**

Run Time:



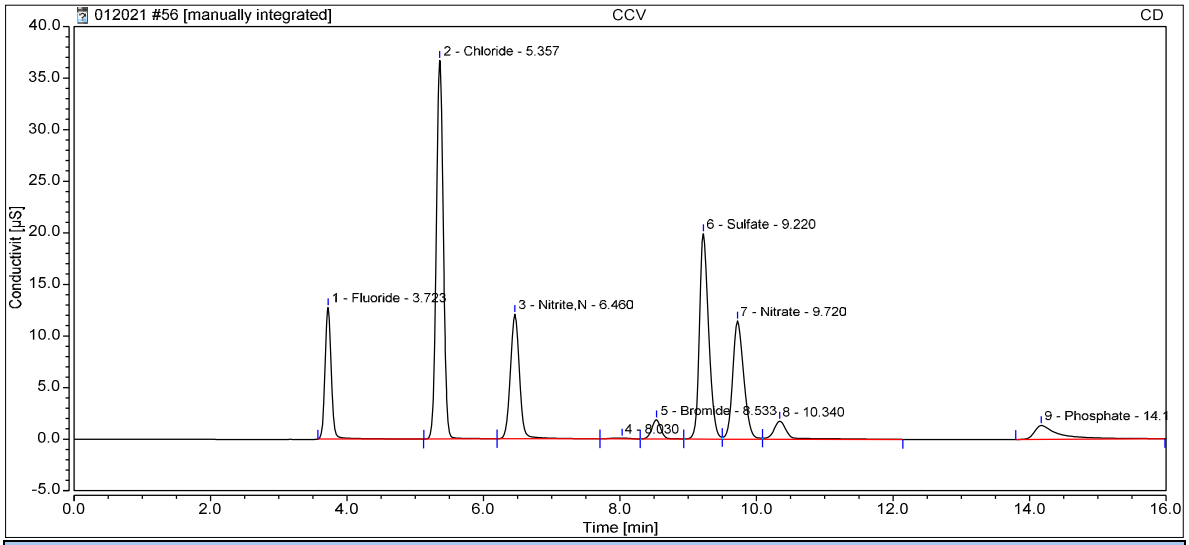
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMB	0.125	0.4543	0.4543	1.0000
3	5.35	Chloride	BMB	6.679	31.4183	31.4183	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
5	8.51	Bromide	BMB	0.008	0.1126	0.1126	1.0000
6	9.28	Sulfate	BM	0.617	4.1453	4.1453	1.0000
7	9.80	Nitrate	M	0.006	0.0414	0.0414	1.0000
8	10.42	Chlorate	MB	0.011	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**7.445**		**36.17**	

56 CCV

Sample Name:	**CCV**	*Injection Volume:*	**5.00**
Vial Number:	**R1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/21/2021 02:40**	*Sample Weight:*	**1.0000**

Run Time:



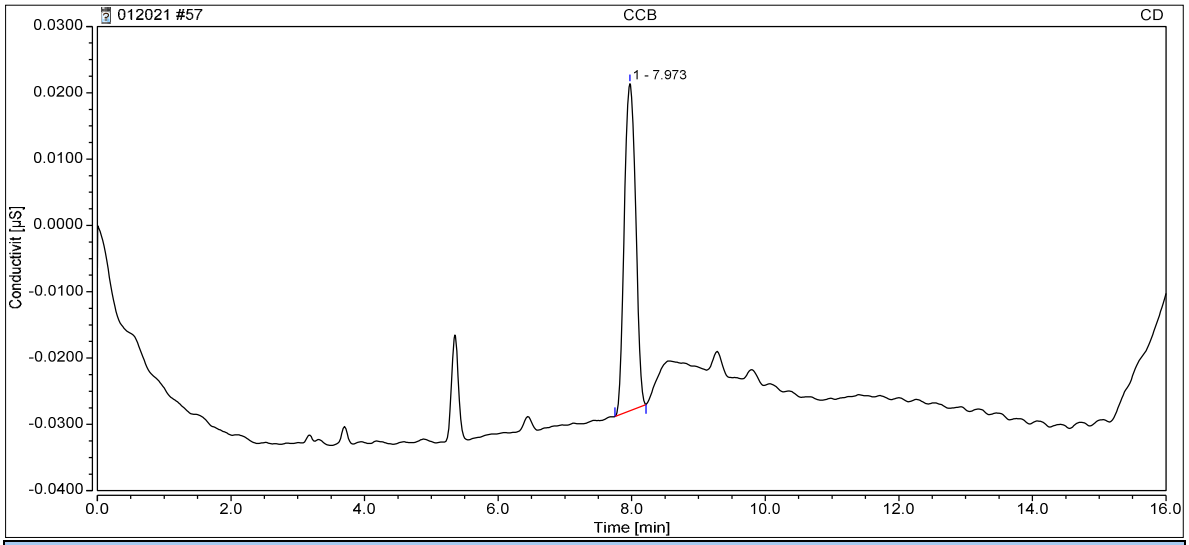
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	1.354	4.3920	4.3920	1.0000
2	5.36	Chloride	BMB	4.337	20.4718	20.4718	1.0000
3	6.46	Nitrite,N	BMb*	1.895	4.3873	4.3873	1.0000
5	8.53	Bromide	M *	0.293	3.6203	3.6203	1.0000
6	9.22	Sulfate	M *	3.146	20.3510	20.3510	1.0000
7	9.72	Nitrate	M *	2.161	4.0516	4.0516	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
9	14.17	Phosphate	BMB	0.577	3.2253	3.2253	1.0000
Total:			**0.000**	**13.764**		**60.50**	

57 CCB

Sample Name:	**CCB**	*Injection Volume:*	**5.00**
Vial Number:	**B1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/21/2021 03:16**	*Sample Weight:*	**1.0000**

Run Time:



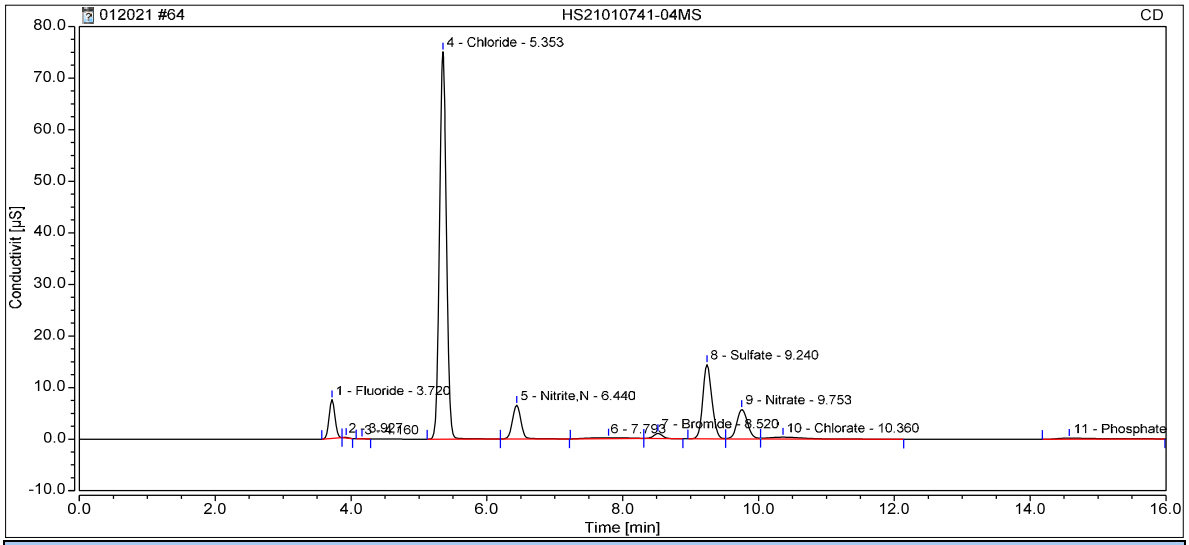
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.000**		**0.00**	

64 HS21010741-04MS

Sample Name:	**HS21010741-04MS**	*Injection Volume:*	**5.00**
Vial Number:	**RE3**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/21/2021 05:23**	*Sample Weight:*	**1.0000**

Run Time:



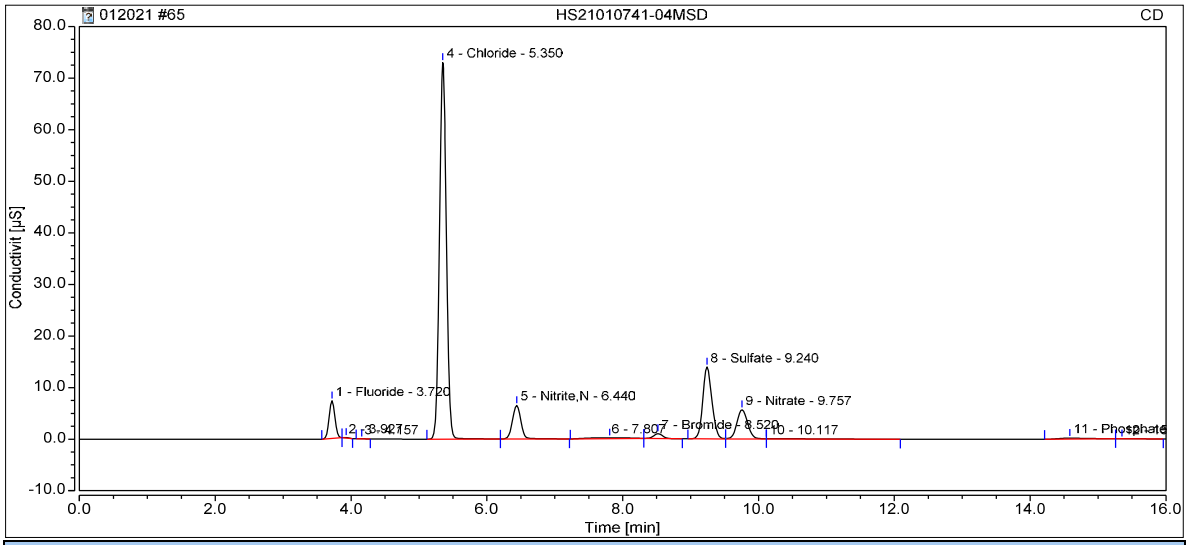
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	0.746	2.4440	2.4440	1.0000
4	5.35	Chloride	BMB	8.903	41.8185	41.8185	1.0000
5	6.44	Nitrite,N	BMB	0.943	2.1742	2.1742	1.0000
7	8.52	Bromide	BMB	0.149	1.8545	1.8545	1.0000
8	9.24	Sulfate	BM	2.247	14.5924	14.5924	1.0000
9	9.75	Nitrate	M	1.048	1.9808	1.9808	1.0000
10	10.36	Chlorate	MB	0.223	2.2638	2.2638	1.0000
11	14.58	Phosphate	BMB	0.155	0.9590	0.9590	1.0000
Total:			**0.000**	**14.415**		**68.09**	

65 HS21010741-04MSD

Sample Name:	**HS21010741-04MSD**	*Injection Volume:*	**5.00**
Vial Number:	**RE4**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/21/2021 05:41**	*Sample Weight:*	**1.0000**

Run Time:



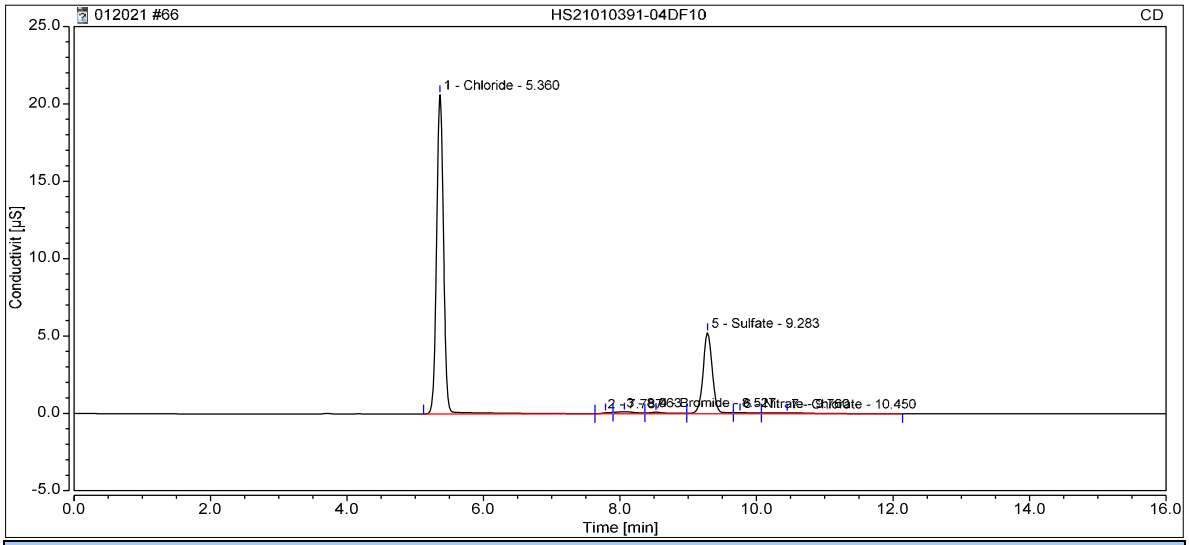
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	0.723	2.3705	2.3705	1.0000
4	5.35	Chloride	BMB	8.648	40.6269	40.6269	1.0000
5	6.44	Nitrite,N	BMB	0.935	2.1551	2.1551	1.0000
7	8.52	Bromide	BMB	0.146	1.8066	1.8066	1.0000
8	9.24	Sulfate	BM	2.174	14.1224	14.1224	1.0000
9	9.76	Nitrate	M	1.037	1.9603	1.9603	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
11	14.58	Phosphate	BMB	0.091	0.6157	0.6157	1.0000
Total:			**0.000**	**13.753**		**63.66**	

66 HS21010391-04DF10

Sample Name:	**HS21010391-04DF10**	*Injection Volume:*	**5.00**
Vial Number:	**RE5**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**10.0000**
Recording Time:	**01/21/2021 05:59**	*Sample Weight:*	**1.0000**

Run Time:



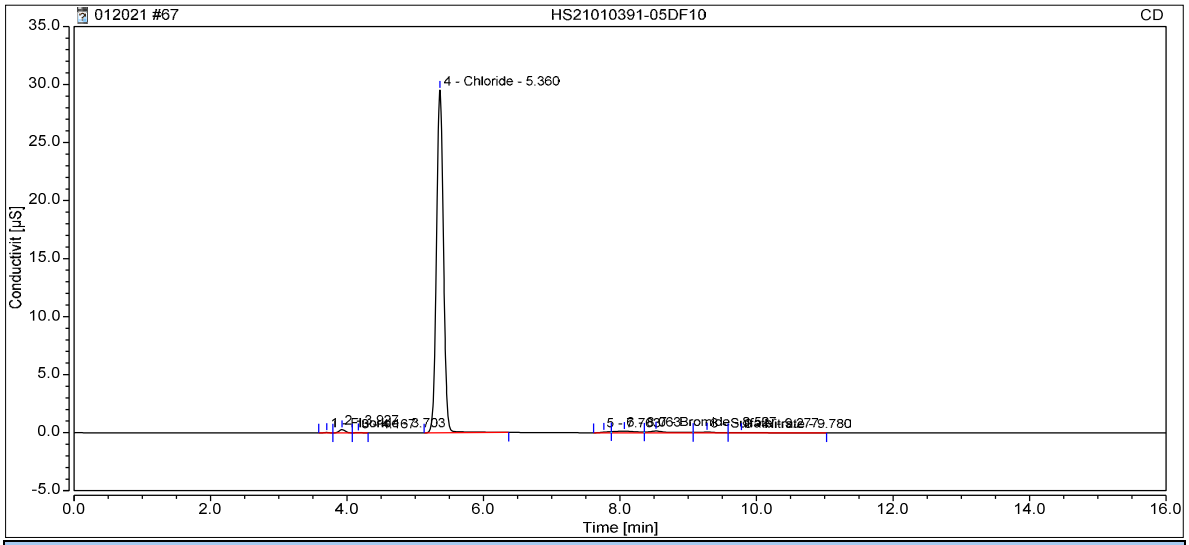
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	10.0000
1	5.36	Chloride	BMB	2.458	11.6837	116.8372	10.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	10.0000
4	8.53	Bromide	M	0.032	0.4079	4.0790	10.0000
5	9.28	Sulfate	M	0.828	5.4949	54.9485	10.0000
6	9.76	Nitrate	M	0.024	0.0754	0.7542	10.0000
7	10.45	Chlorate	MB	0.046	0.3667	3.6672	10.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	10.0000
Total:			**0.000**	**3.387**		**180.29**	

67 HS21010391-05DF10

Sample Name:	**HS21010391-05DF10**	*Injection Volume:*	**5.00**
Vial Number:	**RE6**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**10.0000**
Recording Time:	**01/21/2021 06:17**	*Sample Weight:*	**1.0000**

Run Time:



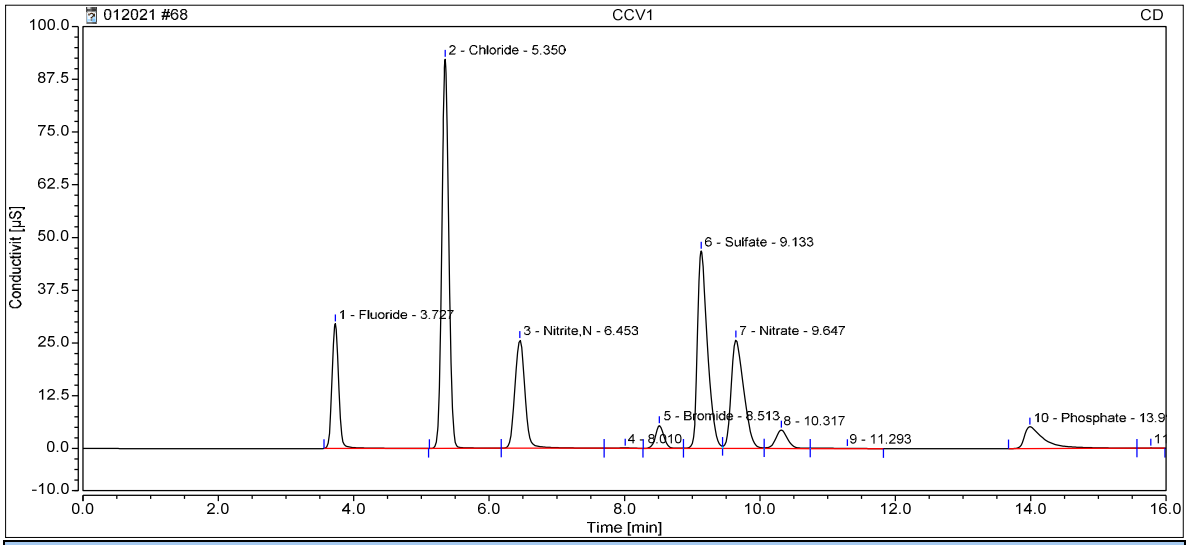
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.70	Fluoride	BMB	0.004	0.0661	0.6613	10.0000
4	5.36	Chloride	BMB	3.469	16.4108	164.1076	10.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	10.0000
7	8.53	Bromide	M	0.047	0.5936	5.9365	10.0000
8	9.28	Sulfate	M	0.018	0.3095	3.0952	10.0000
9	9.78	Nitrate	MB	0.012	0.0531	0.5308	10.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	10.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	10.0000
Total:			**0.000**	**3.550**		**174.33**	

68 CCV1

Sample Name:	**CCV1**	*Injection Volume:*	**5.00**
Vial Number:	**R3**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/21/2021 06:35**	*Sample Weight:*	**1.0000**

Run Time:



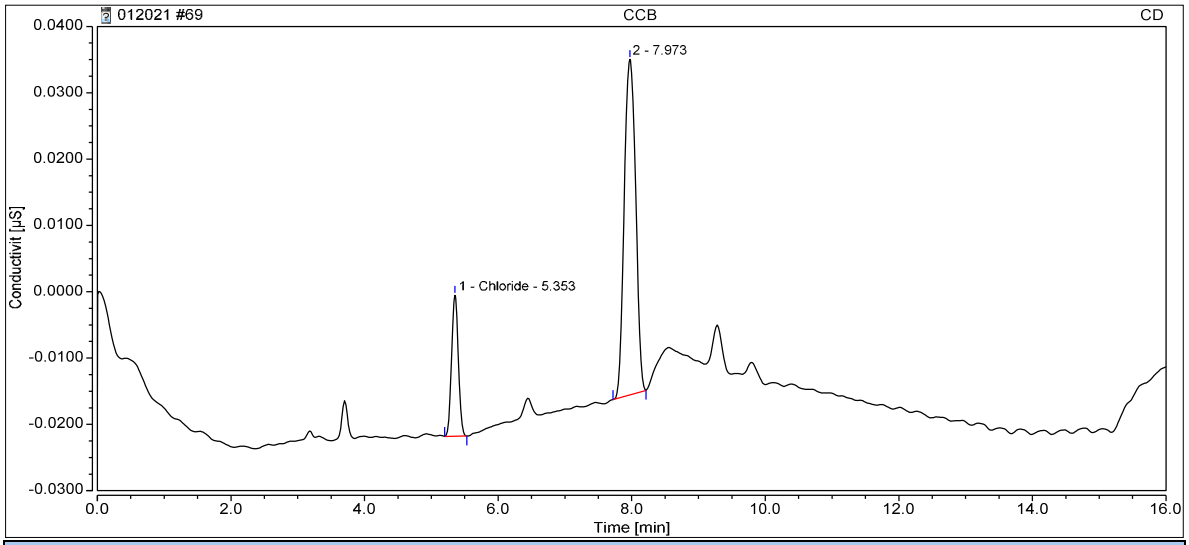
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.73	Fluoride	BMB	3.349	10.7850	10.7850	1.0000
2	5.35	Chloride	BMB	11.035	51.7883	51.7883	1.0000
3	6.45	Nitrite,N	BMB	4.427	10.2706	10.2706	1.0000
5	8.51	Bromide	BM	0.796	9.7866	9.7866	1.0000
6	9.13	Sulfate	M	8.045	51.7419	51.7419	1.0000
7	9.65	Nitrate	M	5.526	10.3159	10.3159	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
10	13.99	Phosphate	BMB	1.754	9.5371	9.5371	1.0000
Total:			**0.000**	**34.932**		**154.23**	

69 CCB

Sample Name:	**CCB**	*Injection Volume:*	**5.00**
Vial Number:	**B6**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/21/2021 07:11**	*Sample Weight:*	**1.0000**

Run Time:



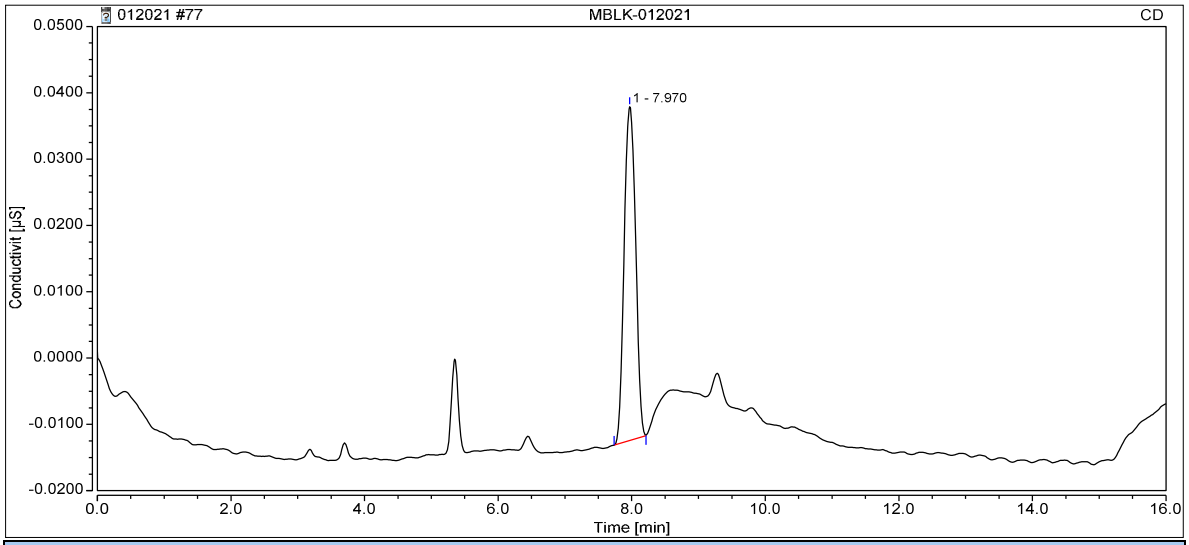
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
1	5.35	Chloride	BMB	0.002	0.2049	0.2049	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.002**		**0.20**	

77 MBLK-012021

Sample Name:	**MBLK-012021**	*Injection Volume:*	**5.00**
Vial Number:	**B1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/21/2021 09:55**	*Sample Weight:*	**1.0000**

Run Time:



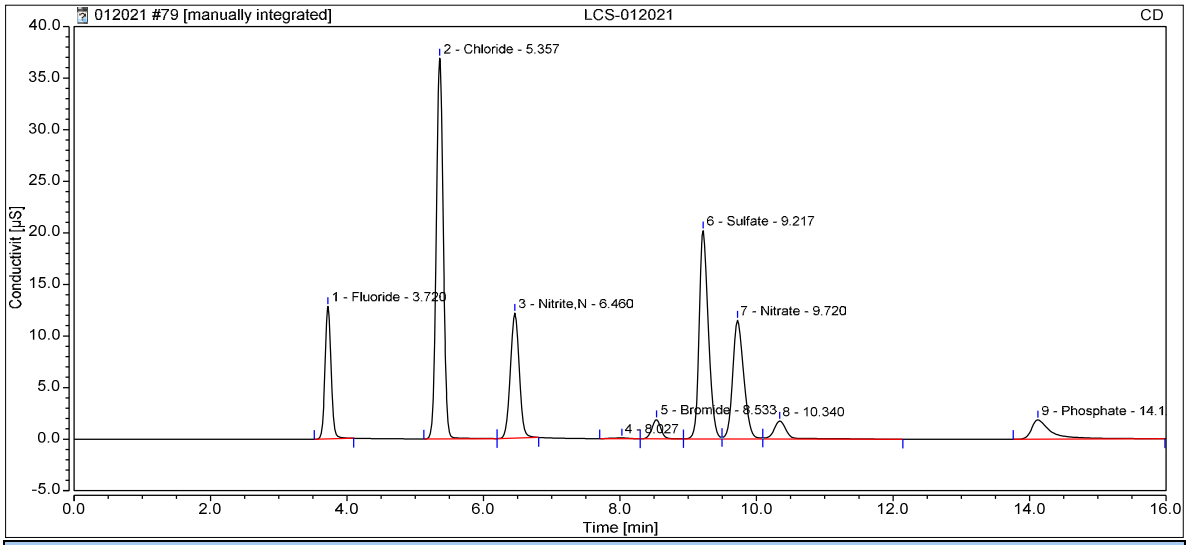
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.000**		**0.00**	

79 LCS-012021

Sample Name:	**LCS-012021**	*Injection Volume:*	**5.00**
Vial Number:	**R2**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/21/2021 10:49**	*Sample Weight:*	**1.0000**

Run Time:



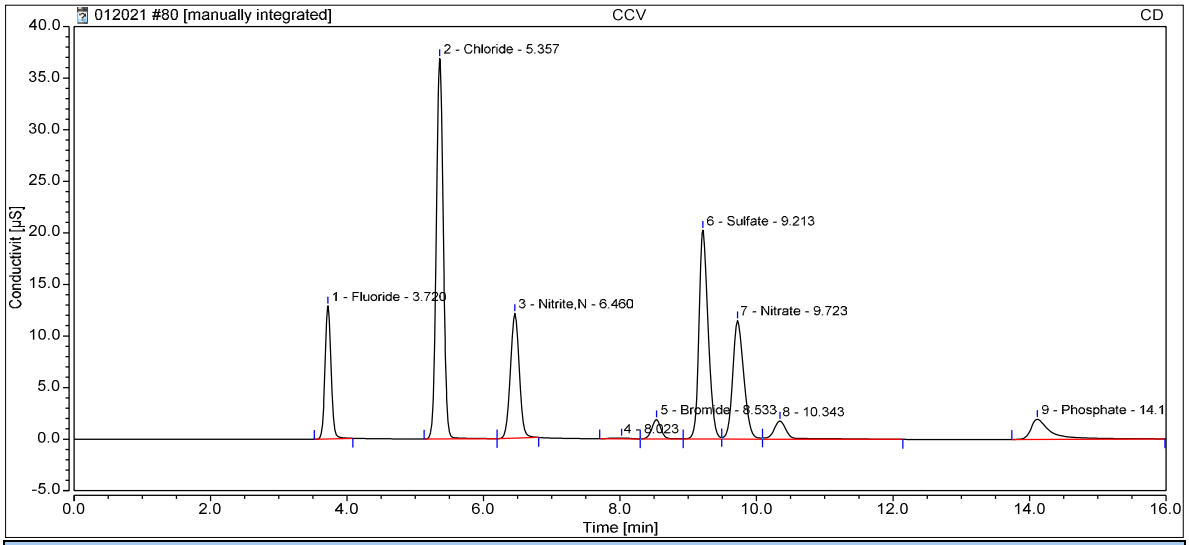
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB*	1.319	4.2815	4.2815	1.0000
2	5.36	Chloride	BMb*	4.351	20.5342	20.5342	1.0000
3	6.46	Nitrite,N	bMB*	1.849	4.2805	4.2805	1.0000
5	8.53	Bromide	BM	0.288	3.5530	3.5530	1.0000
6	9.22	Sulfate	M	3.177	20.5460	20.5460	1.0000
7	9.72	Nitrate	M	2.175	4.0780	4.0780	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
9	14.12	Phosphate	BMB	0.654	3.6386	3.6386	1.0000
Total:			**0.000**	**13.813**		**60.91**	

80 CCV

Sample Name:	**CCV**	*Injection Volume:*	**5.00**
Vial Number:	**R1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/21/2021 11:07**	*Sample Weight:*	**1.0000**

Run Time:



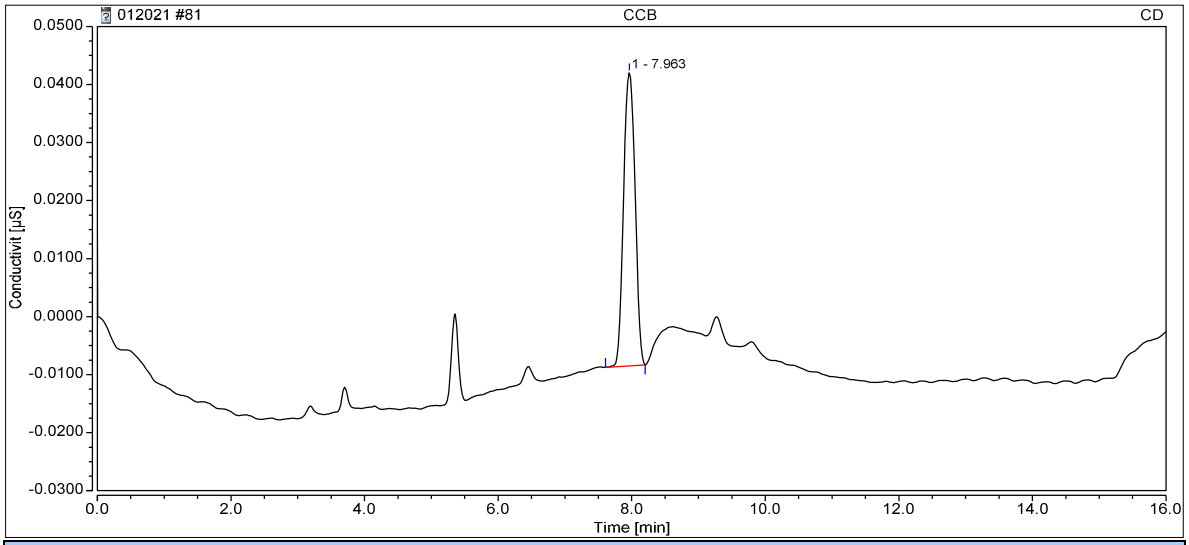
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB*	1.320	4.2836	4.2836	1.0000
2	5.36	Chloride	BMb*	4.356	20.5582	20.5582	1.0000
3	6.46	Nitrite,N	bMB*	1.841	4.2606	4.2606	1.0000
5	8.53	Bromide	M *	0.294	3.6252	3.6252	1.0000
6	9.21	Sulfate	M *	3.181	20.5757	20.5757	1.0000
7	9.72	Nitrate	M *	2.175	4.0775	4.0775	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
9	14.11	Phosphate	BMB	0.674	3.7428	3.7428	1.0000
Total:			**0.000**	**13.840**		**61.12**	

81 CCB

Sample Name:	**CCB**	*Injection Volume:*	**5.00**
Vial Number:	**B1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/21/2021 11:48**	*Sample Weight:*	**1.0000**

Run Time:



Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.000**		**0.00**	

HS21010391 Wet Chem Raw Data (ALK_W 2320B)

ALS WO# HS21010391

Report Date: 01/14/2021 : 3:44

PC-TitratION PLUS
Calibration Report

Calibration Record # 2321

Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	01/14/2021
Channel	1	Time	3:44 PM
Probe Type	pH	Temperature	295.37 K 22.22 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit

Calibration Results

Slope	-58.287	CorrCoeff	0.9999
Intercept	5.653	Equation: Y = (-58.287) X + (5.653)	

Calibration Validity True Operator

	Result	Minimum	Maximum
Slope	-58.287	-65.00	-53.00
Intercept	5.653	-100.00	100.00
Correlation Coefficient	0.9999	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	Standard	Reading
	4.00	181.88
	7.00	2.92
	10.00	-167.84

#376365 (A)

#376366 (B)

Page: 1 of 1
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Report Date: 1/14/2021 : 11:29 PM

PC-TitratION PLUS
Water Analysis Report

Run Number 3994 **Order Number** 20210114-2

SampleID	RunDate	RunTime	Temp	cond (uS)	pH	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	mLs @ 8.3	mLs @ 4.5	mLs @ 4.2
ICV-PH	1/14/2021	4:11 PM	23.06	-1.00	6.03	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
TAP WATER	1/14/2021	4:18 PM	23.01	-1.00	7.88	.00	331.04	331.04	.00	.00	.00	3.15	3.15
WBLKW1-210114	1/14/2021	4:23 PM	23.23	-1.00	5.76	.00	.46	.46	.00	.00	.00	.02	.02
LCS1-210114	1/14/2021	4:32 PM	23.25	-1.00	10.94	521.90	1,016.65	.00	989.51	27.14	4.97	9.68	9.68
LCSD1-210114	1/14/2021	4:40 PM	23.39	-1.00	10.93	520.25	1,013.69	.00	986.89	26.80	4.95	9.65	9.65
HS21010545-02	1/14/2021	4:47 PM	23.17	-1.00	8.06	.00	124.18	124.18	.00	.00	.00	1.18	1.18
HS21010545-02DUP	1/14/2021	4:53 PM	22.98	-1.00	8.07	.00	121.20	121.20	.00	.00	.00	1.15	1.15
HS21010545-03	1/14/2021	4:59 PM	22.93	-1.00	7.93	.00	119.74	119.74	.00	.00	.00	1.14	1.14
HS21010549-01	1/14/2021	5:06 PM	22.48	-1.00	7.92	.00	315.41	315.41	.00	.00	.00	3.00	3.00
HS21010381-01	1/14/2021	5:13 PM	22.51	-1.00	9.50	140.80	328.64	47.03	281.60	.00	1.34	3.13	3.13
HS21010381-03	1/14/2021	5:20 PM	22.90	-1.00	8.00	.00	192.73	192.73	.00	.00	.00	1.84	1.84
CCV-PH	1/14/2021	5:23 PM	23.11	-1.00	7.06	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/14/2021	5:31 PM	22.95	-1.00	10.90	517.69	1,016.48	.00	997.57	18.91	4.93	9.68	9.68
DI RINSE	1/14/2021	5:36 PM	23.12	-1.00	5.84	.00	.32	.32	.00	.00	.00	.02	.02
HS21010416-01	1/14/2021	5:41 PM	23.09	-1.00	5.53	.00	-.30	-.30	.00	.00	.00	.02	.02
HS21010386-01	1/14/2021	5:48 PM	23.07	-1.00	7.38	.00	408.82	408.82	.00	.00	.00	3.89	3.89
HS21010386-02	1/14/2021	5:55 PM	23.14	-1.00	7.95	.00	373.25	373.25	.00	.00	.00	3.55	3.55
HS21010386-03	1/14/2021	6:02 PM	23.17	-1.00	7.34	.00	679.98	679.98	.00	.00	.00	6.48	6.48
HS21010386-04	1/14/2021	6:09 PM	23.20	-1.00	7.88	.00	362.24	362.24	.00	.00	.00	3.45	3.45
HS21010386-05	1/14/2021	6:16 PM	23.27	-1.00	7.94	.00	320.49	320.49	.00	.00	.00	3.05	3.05
HS21010386-06	1/14/2021	6:23 PM	23.36	-1.00	7.48	.00	599.60	599.60	.00	.00	.00	5.71	5.71
HS21010386-07	1/14/2021	6:29 PM	22.95	-1.00	6.63	.00	2.95	2.95	.00	.00	.00	.05	.05
HS21010386-09	1/14/2021	6:36 PM	22.46	-1.00	7.49	.00	467.25	467.25	.00	.00	.00	4.45	4.45
CCV-PH	1/14/2021	6:39 PM	22.37	-1.00	7.07	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/14/2021	6:47 PM	22.28	-1.00	10.88	517.19	1,015.24	.00	996.11	19.13	4.93	9.67	9.67
DI RINSE	1/14/2021	6:52 PM	22.64	-1.00	5.74	.00	.32	.32	.00	.00	.00	.02	.02
HS21010443-01	1/14/2021	6:58 PM	22.67	-1.00	7.26	.00	282.98	282.98	.00	.00	.00	2.70	2.70

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Run Number 3994 **Order Number** 20210114-2

SampleID	RunDate	RunTime	Temp	cond (uS)	pH	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	mLs @ 8.3	mLs @ 4.5	mLs @ 4.2
HS21010443-02	1/14/2021	7:05 PM	22.72	-1.00	7.39	.00	304.78	304.78	.00	.00	.00	2.90	2.90
HS21010443-03	1/14/2021	7:11 PM	22.93	-1.00	7.31	.00	322.42	322.42	.00	.00	.00	3.07	3.07
HS21010442-01	1/14/2021	7:18 PM	22.89	-1.00	8.27	.00	198.96	198.96	.00	.00	.00	1.89	1.89
HS21010442-02	1/14/2021	7:25 PM	22.90	-1.00	7.50	.00	504.43	504.43	.00	.00	.00	4.80	4.80
HS21010442-03	1/14/2021	7:33 PM	22.90	-1.00	7.75	.00	596.06	596.06	.00	.00	.00	5.68	5.68
LCS2-210114	1/14/2021	7:41 PM	22.81	-1.00	10.89	513.63	1,016.71	.00	1,006.15	10.55	4.89	9.68	9.68
LCSD2-210114	1/14/2021	7:51 PM	22.77	-1.00	10.88	514.65	1,018.25	.00	1,007.21	11.05	4.90	9.70	9.70
CCV-PH	1/14/2021	7:53 PM	22.86	-1.00	7.08	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/14/2021	8:02 PM	22.67	-1.00	10.86	511.45	1,015.81	.00	1,008.74	7.08	4.87	9.67	9.67
DI RINSE	1/14/2021	8:07 PM	22.92	-1.00	5.84	.00	.23	.23	.00	.00	.00	.02	.02
WBLKW2-210114	1/14/2021	8:12 PM	22.89	-1.00	5.49	.00	-.02	-.02	.00	.00	.00	.02	.02
HS21010386-10	1/14/2021	8:18 PM	22.80	-1.00	7.95	.00	421.69	421.69	.00	.00	.00	4.02	4.02
HS21010386-10DUP	1/14/2021	8:25 PM	22.83	-1.00	7.96	.00	423.31	423.31	.00	.00	.00	4.03	4.03
HS21010442-04	1/14/2021	8:33 PM	22.81	-1.00	7.59	.00	638.54	638.54	.00	.00	.00	6.08	6.08
HS21010442-05	1/14/2021	8:40 PM	22.77	-1.00	7.76	.00	709.98	709.98	.00	.00	.00	6.76	6.76
HS21010442-06	1/14/2021	8:47 PM	22.67	-1.00	7.45	.00	45.51	45.51	.00	.00	.00	.43	.43
HS21010442-07	1/14/2021	8:54 PM	22.66	-1.00	7.68	.00	564.87	564.87	.00	.00	.00	5.38	5.38
HS21010442-08	1/14/2021	9:01 PM	22.67	-1.00	7.72	.00	572.18	572.18	.00	.00	.00	5.45	5.45
HS21010442-10	1/14/2021	9:08 PM	22.89	-1.00	7.64	.00	480.74	480.74	.00	.00	.00	4.58	4.58
CCV-PH	1/14/2021	9:11 PM	22.78	-1.00	7.08	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/14/2021	9:19 PM	22.54	-1.00	10.81	507.82	1,018.70	3.06	1,015.64	.00	4.84	9.70	9.70
DI RINSE	1/14/2021	9:25 PM	22.66	-1.00	5.71	.00	.26	.26	.00	.00	.00	.02	.02
HS21010442-11	1/14/2021	9:31 PM	22.55	-1.00	7.67	.00	477.12	477.12	.00	.00	.00	4.54	4.54
HS21010442-12	1/14/2021	9:38 PM	22.57	-1.00	7.90	.00	345.26	345.26	.00	.00	.00	3.29	3.29
HS21010442-13	1/14/2021	9:44 PM	22.61	-1.00	6.72	.00	2.76	2.76	.00	.00	.00	.04	.04
HS21010391-01	1/14/2021	9:51 PM	22.55	-1.00	7.71	.00	632.00	632.00	.00	.00	.00	6.02	6.02
HS21010391-02	1/14/2021	9:59 PM	22.63	-1.00	7.73	.00	629.60	629.60	.00	.00	.00	6.00	6.00
HS21010391-03	1/14/2021	10:06 PM	22.72	-1.00	7.87	.00	391.60	391.60	.00	.00	.00	3.73	3.73
HS21010391-04	1/14/2021	10:13 PM	22.63	-1.00	7.95	.00	323.83	323.83	.00	.00	.00	3.08	3.08
HS21010391-05	1/14/2021	10:20 PM	22.58	-1.00	7.89	.00	428.17	428.17	.00	.00	.00	4.08	4.08

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GENERAL RESULTS REPORT.SRW

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Run Number 3994 **Order Number** 20210114-2

SampleID	RunDate	RunTime	Temp	cond (uS)	pH	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	mLs @ 8.3	mLs @ 4.5	mLs @ 4.2
CCV-PH	1/14/2021	10:23 PM	22.45	-1.00	7.07	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/14/2021	10:32 PM	22.31	-1.00	10.80	506.27	1,017.04	4.50	1,012.54	.00	4.82	9.69	9.69
DI RINSE	1/14/2021	10:37 PM	22.49	-1.00	5.70	.00	.45	.45	.00	.00	.00	.02	.02
HS21010463-01	1/14/2021	10:44 PM	22.40	-1.00	7.88	.00	339.02	339.02	.00	.00	.00	3.23	3.23
HS21010463-02	1/14/2021	10:51 PM	22.43	-1.00	7.78	.00	574.67	574.67	.00	.00	.00	5.47	5.47
HS21010463-03	1/14/2021	10:58 PM	22.57	-1.00	7.80	.00	546.44	546.44	.00	.00	.00	5.20	5.20
HS21010463-04	1/14/2021	11:11 PM	22.57	-1.00	7.85	.00	2,103.36	2,103.36	.00	.00	.00	20.03	20.03
CCV-PH	1/14/2021	11:14 PM	22.57	-1.00	7.07	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/14/2021	11:22 PM	22.37	-1.00	10.77	500.41	1,018.47	17.66	1,000.81	.00	4.77	9.70	9.70
DI RINSE	1/14/2021	11:27 PM	22.48	-1.00	5.73	.00	.51	.51	.00	.00	.00	.02	.02

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Batch ID Exception Report

Batch ID: R376365
QC Group: 0

Sample ID	Seq No	Sample Type	Test Code	Analyzed Date	Dilution Factor
	Analyte Type	Analyte		Qualifier	
HS21010545-02	5919634	SAMP	ALK_W 2320B	14 Jan 2021 4:47 PM	1
	A	Alkalinity, Total (As CaCO3)		*	

15 Jan 2021

Page 1 of 1

Batch ID Exception Report

Batch ID: R376366
QC Group: 0

Sample ID	Seq No	Sample Type	Test Code	Analyzed Date	Dilution Factor
	Analyte Type	Analyte	Qualifier		
SAMP	0	SAMP		15 Jan 2021 6:47 AM	1

X No exceptions found

15 Jan 2021

Page 1 of 1

HS21010391 Wet Chem Raw Data (P-ORTHO)

ALS WO# HS21010391

Standard Table Report

02/20/2021 02:00:26 PM

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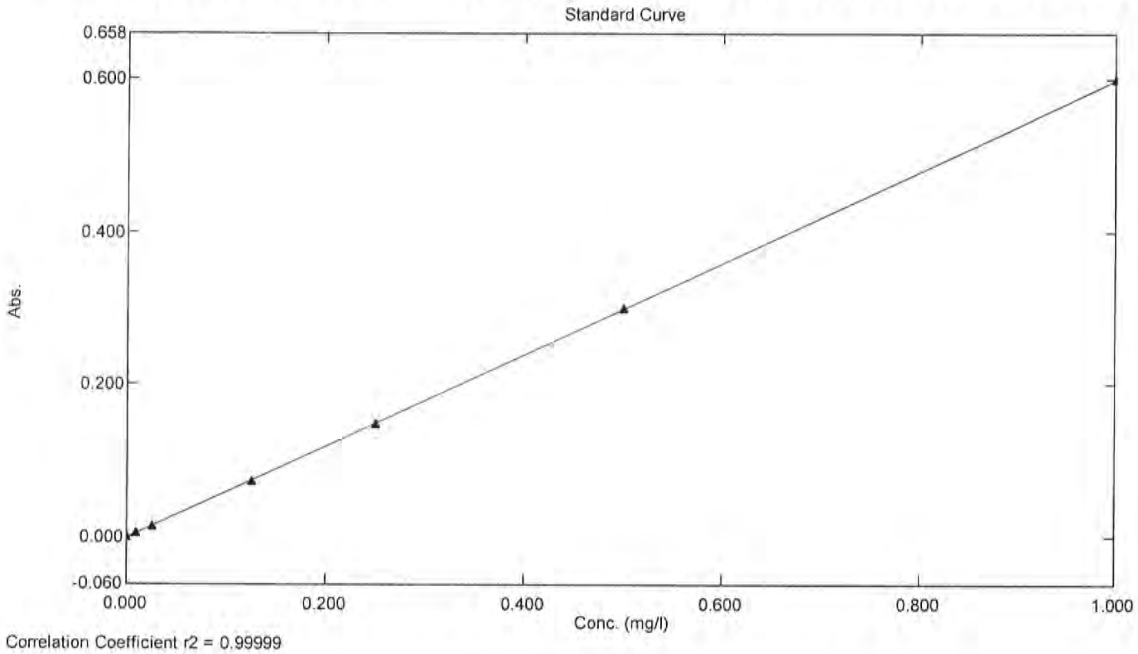

Correlation Coefficient r2 = 0.99999

Standard Table

	Sample ID	Type	Ex	Conc	WL880.0	Wgt.Facto	Comments
1	STD1	Standard		0.000	0.000	1.000	
2	STD2	Standard		0.010	0.007	1.000	
3	STD3	Standard		0.025	0.015	1.000	
4	STD4	Standard		0.125	0.074	1.000	
5	STD5	Standard		0.250	0.148	1.000	
6	STD6	Standard		0.500	0.300	1.000	
7	STD7	Standard		1.000	0.599	1.000	
8							

Page 1 / 1

Sample Table Report

02/20/2021 02:00:31 PM

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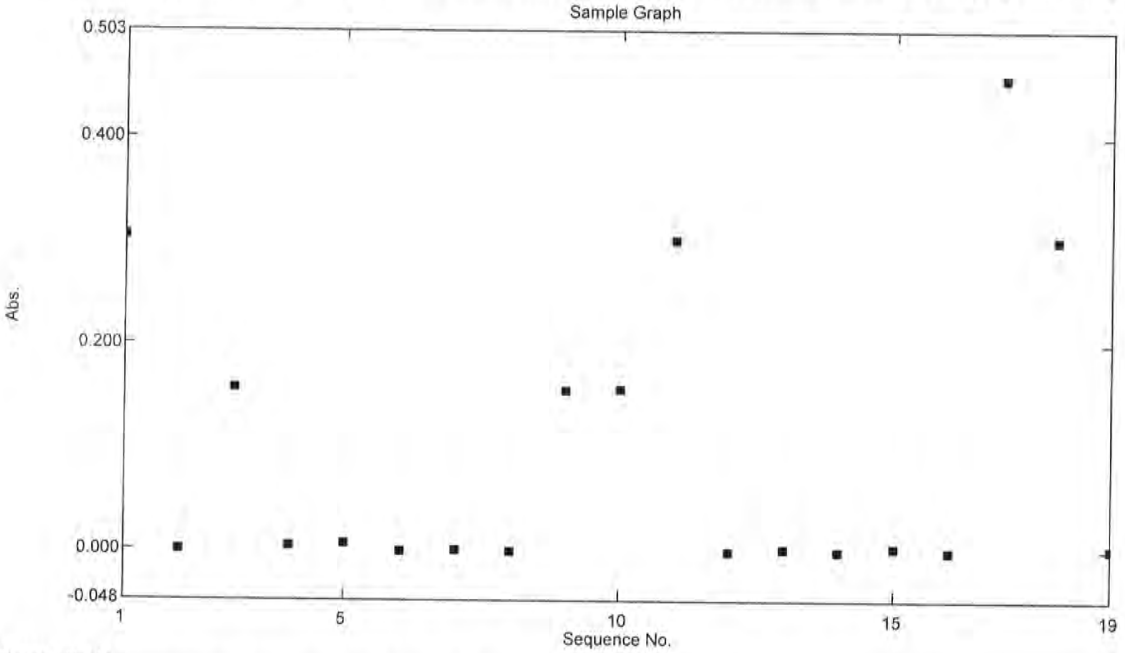


Sample Table

	Sample ID	Type	Ex	Conc	WL880.0	Comments
1	CCV	Unknown		0.510	0.305	315014209 WC-14
2	MBLK	Unknown		-0.000	-0.000	
3	LCS	Unknown		0.264	0.158	315014208 WC-14
4	HS21010391.01	Unknown		0.007	0.004	
5	HS21010391.02	Unknown		0.009	0.005	
6	HS21010391.03	Unknown		-0.002	-0.001	
7	HS21010391.04	Unknown		-0.001	-0.001	
8	HS21010391.05	Unknown		-0.002	-0.001	
9	HS21010391.05MS	Unknown		0.258	0.154	
10	HS21010391.05MS	Unknown		0.261	0.156	
11	CCV2	Unknown		0.502	0.300	C-315014902 UV-11
12	CCB2	Unknown		-0.004	-0.002	
13	CCB	Unknown		0.001	0.001	
14	HS21010463.01	Unknown		-0.002	-0.001	04:00PM
15	HS21010463.02	Unknown		0.004	0.002	04:01PM
16	HS21010463.03	Unknown		-0.003	-0.002	04:01PM
17	HS21010463.04	Unknown		0.765	0.457	DF:5X,04:02PM
18	CCV4	Unknown		0.503	0.301	
19	CCB4	Unknown		0.002	0.001	

Page 1 / 2

HS21010391 ALS Cincinnati DOD Level III Data

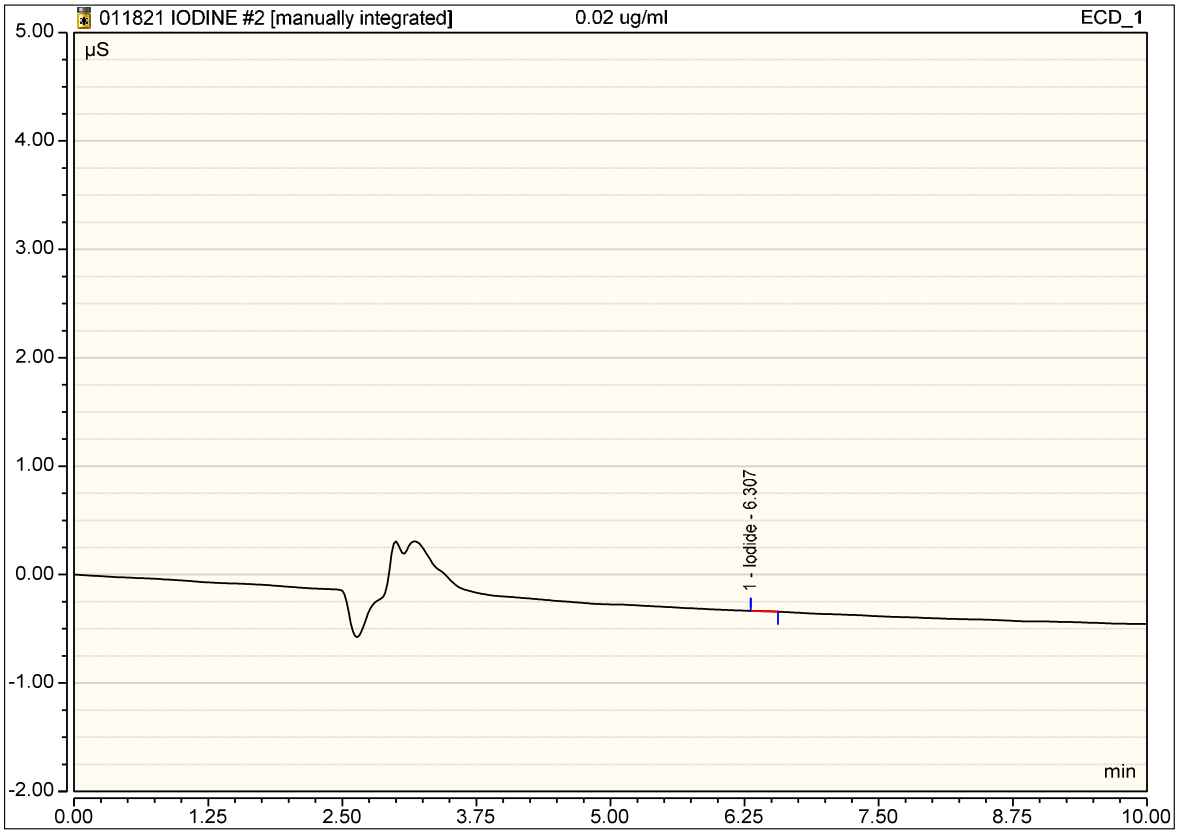
ALS WO# HS21010391

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**0.02 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 15:37**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.31	Iodide	BMB*	0.000	0.000	0.0261
		TOTAL:		0.00	0.00	0.03



Anion/Integration

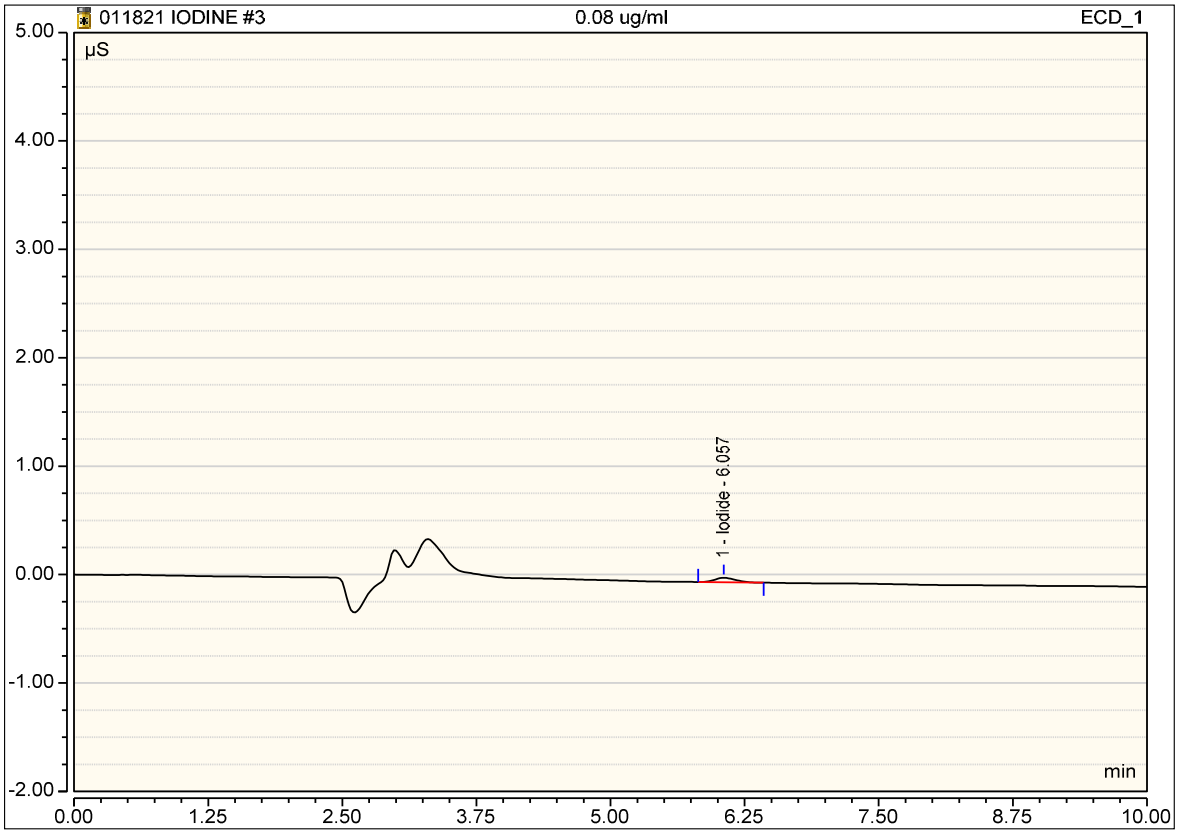
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**0.08 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 15:49**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.06	Iodide	BMB	0.009	0.041	0.0925
		TOTAL:		0.01	0.04	0.09



Anion/Integration

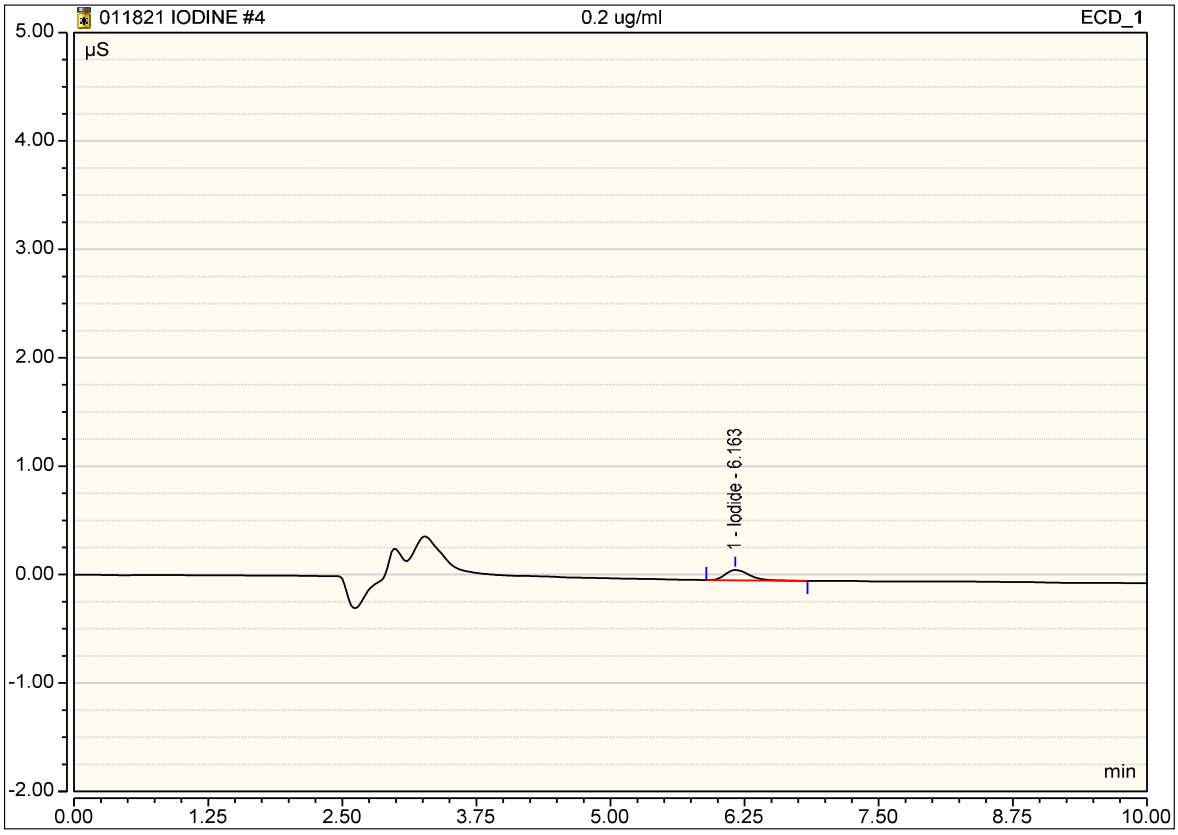
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**0.2 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:02**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.16	Iodide	BMB	0.025	0.095	0.2078
		TOTAL:		0.02	0.09	0.21



Anion/Integration

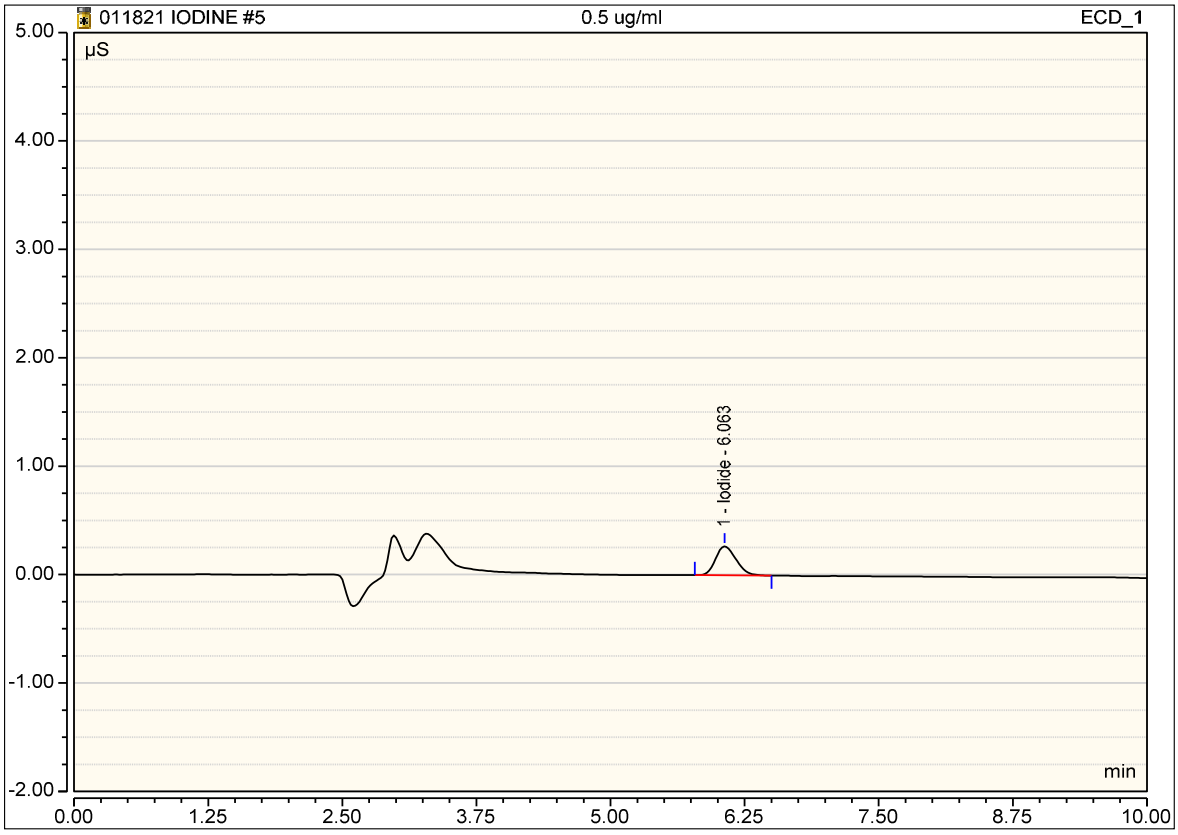
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**0.5 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:14**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.06	Iodide	BMB	0.059	0.268	0.4629
		TOTAL:		0.06	0.27	0.46



Anion/Integration

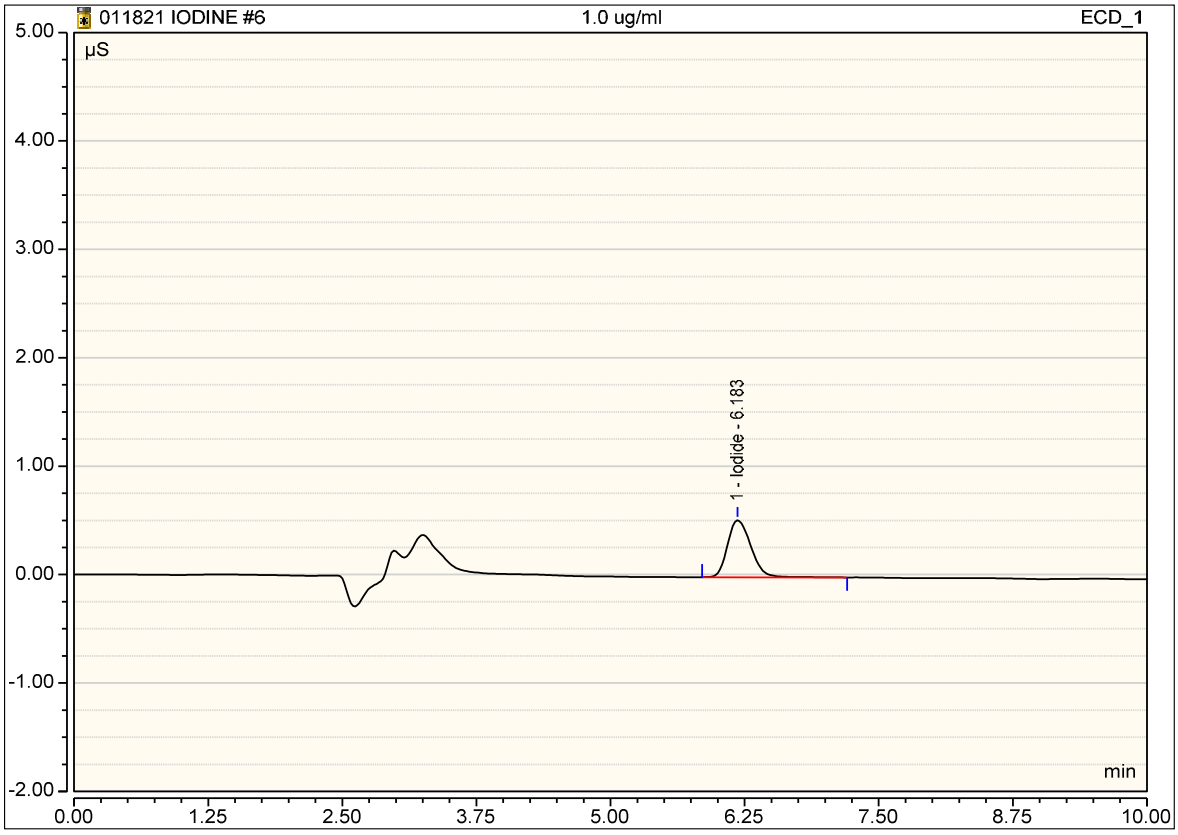
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**1.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:26**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.18	Iodide	BMB	0.132	0.525	1.0054
		TOTAL:		0.13	0.53	1.01



Anion/Integration

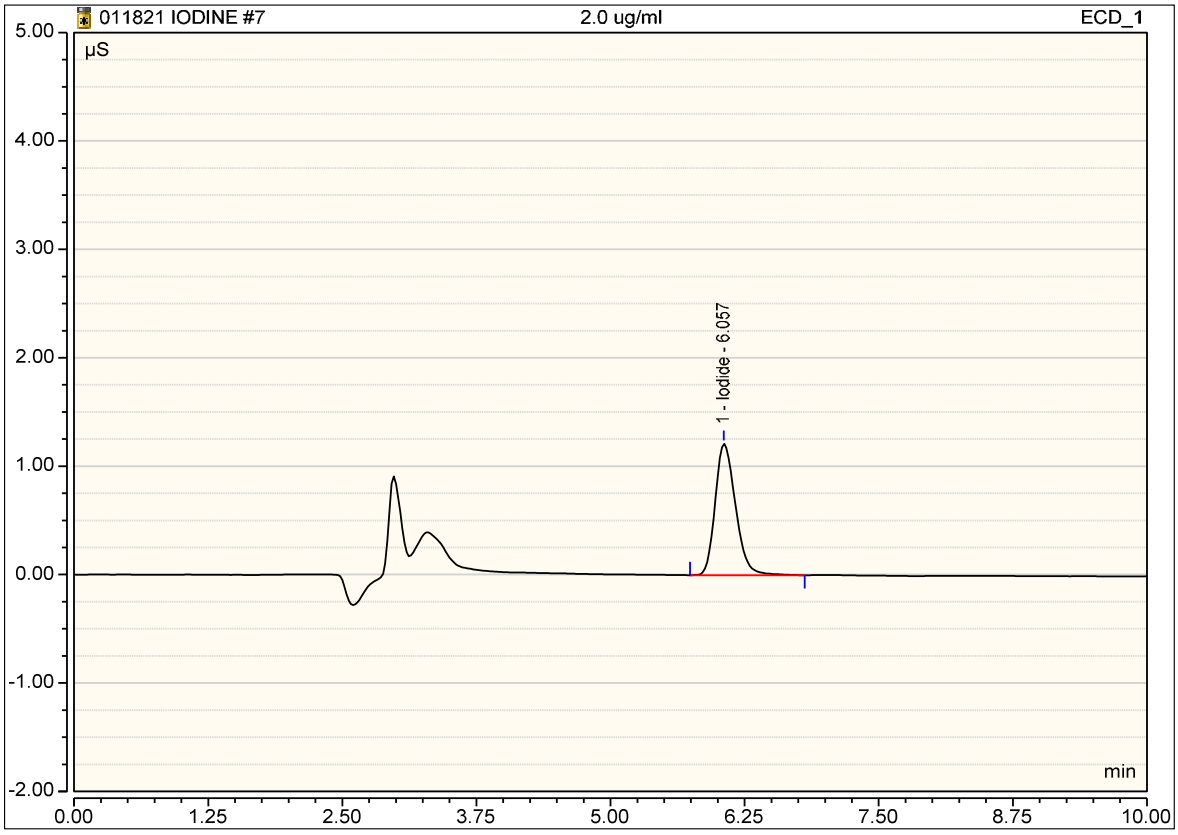
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**2.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:39**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.06	Iodide	BMB	0.267	1.212	2.0052
		TOTAL:		0.27	1.21	2.01



Anion/Integration

Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

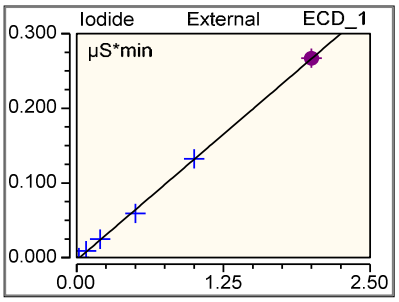
Calibration Batch Report

Sequence:	**011821 IODINE**	*Injection Volume:*	**100.00**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:39**	*Run Time:*	**10**

Calibration Summary

Peak Name	Eval.Type	Cal.Type	Points	Offset (C0)	Slope (C1)	Curve (C2)	Coeff.Det. %
Iodide	Area	in, WithOffse	6.000	-0.003	0.135	0.000	99.9417
		AVERAGE:		-0.0033	0.1349	0.0000	99.9417

Injection Name	Ret.Time min ECD_1	Area µS*min ECD_1	Height µS ECD_1	Amount ECD_1
	Iodide	Iodide	Iodide	Iodide
0.02 ug/ml	6.307	0.0002	0.000	0.026
0.08 ug/ml	6.057	0.0091	0.041	0.093
0.2 ug/ml	6.163	0.0247	0.095	0.208
0.5 ug/ml	6.063	0.0591	0.268	0.463
1.0 ug/ml	6.183	0.1323	0.525	1.005
2.0 ug/ml	6.057	0.2671	1.212	2.005
Average	6.138			
Rel. Std. Dev.	1.628 %			



Anion/Calibration

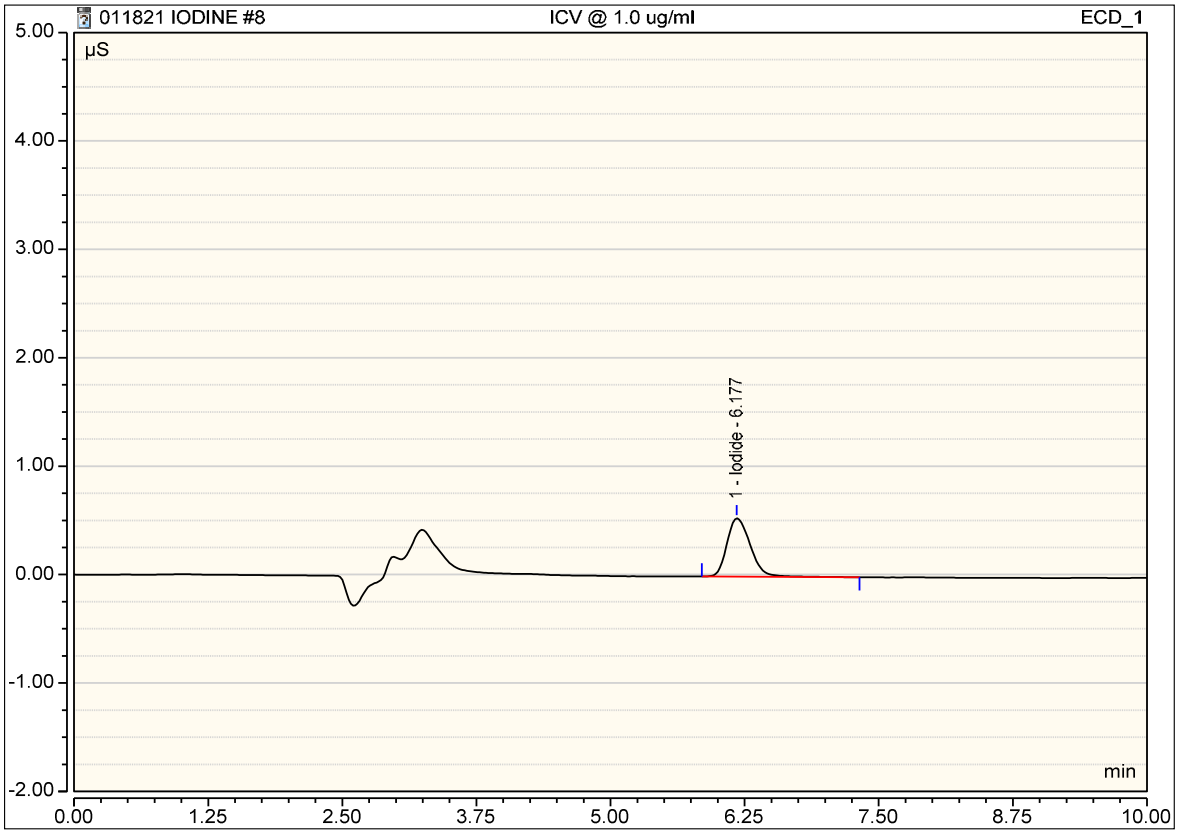
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**ICV @ 1.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:51**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.18	Iodide	BMB	0.136	0.537	1.0327
		TOTAL:		0.14	0.54	1.03



Anion/Integration

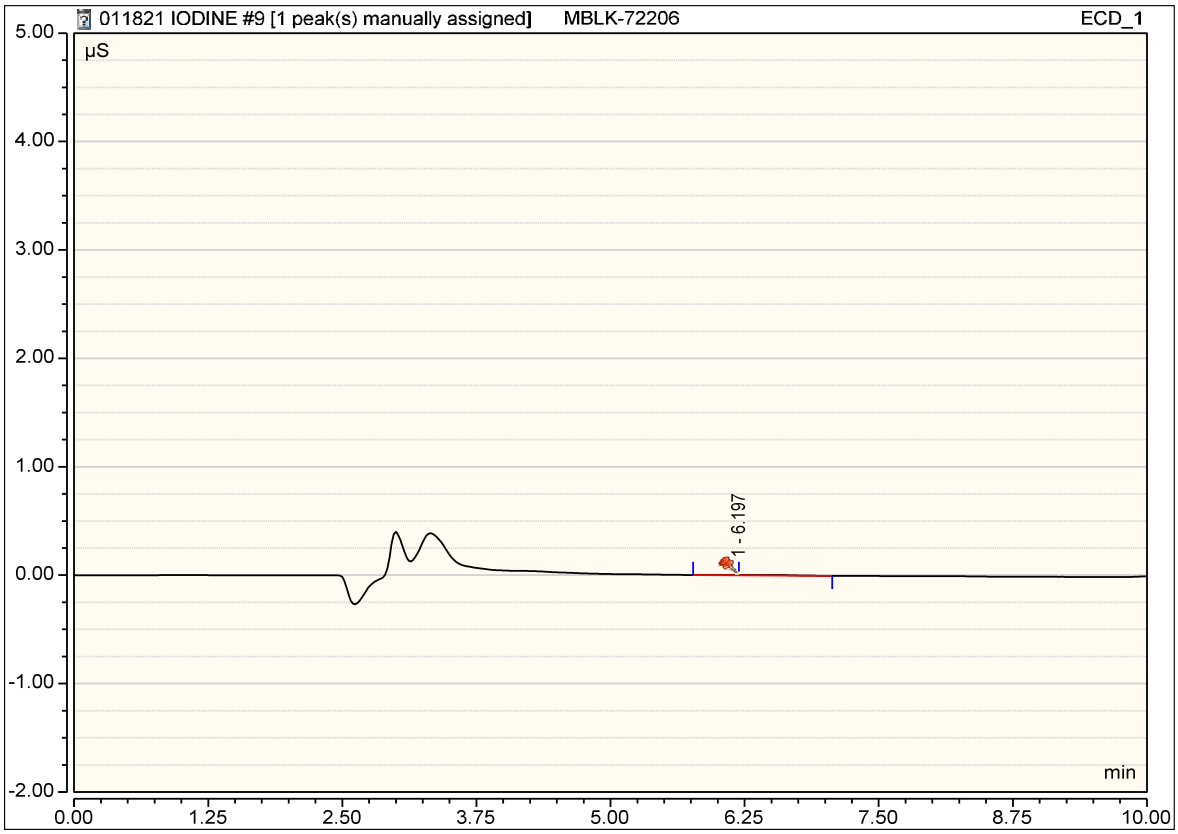
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**MBLK-72206**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 17:03**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
TOTAL:				0.00	0.00	0.00



Anion/Integration

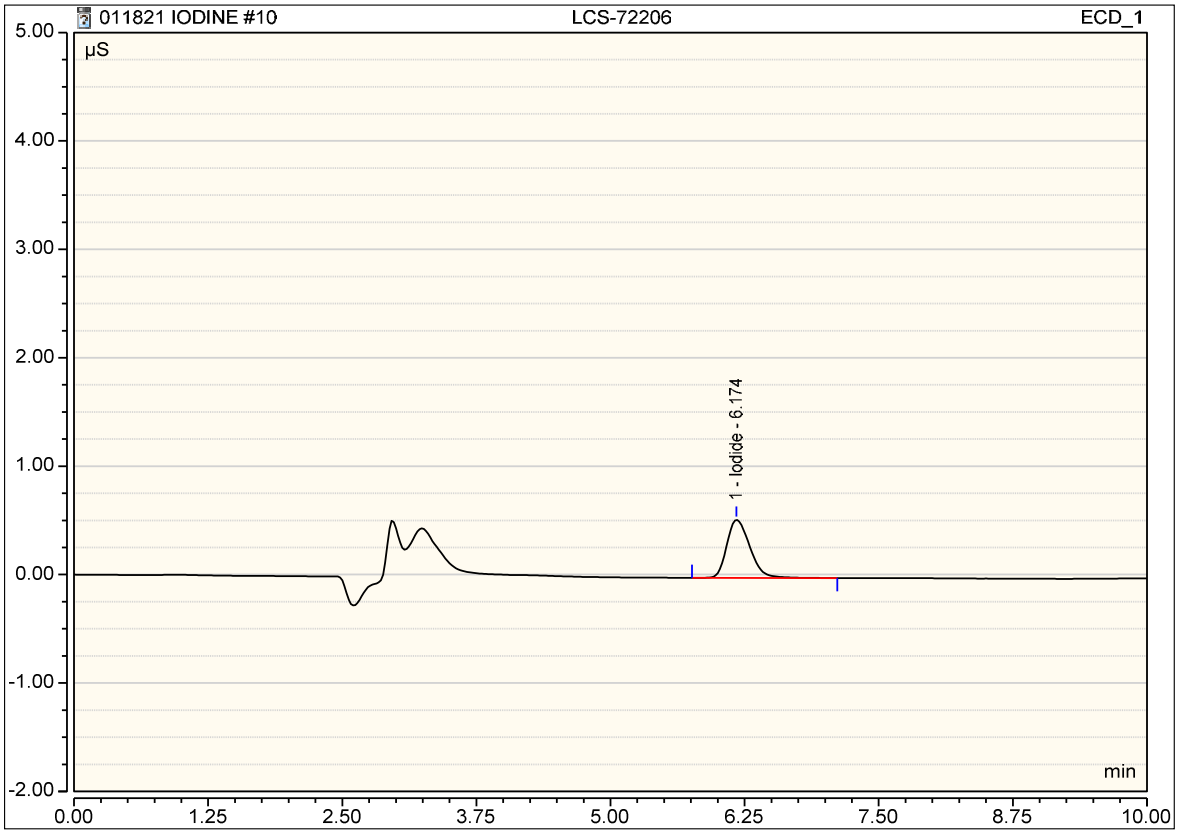
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**LCS-72206**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 17:16**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.17	Iodide	BMB	0.133	0.536	1.0106
		TOTAL:		0.13	0.54	1.01



Anion/Integration

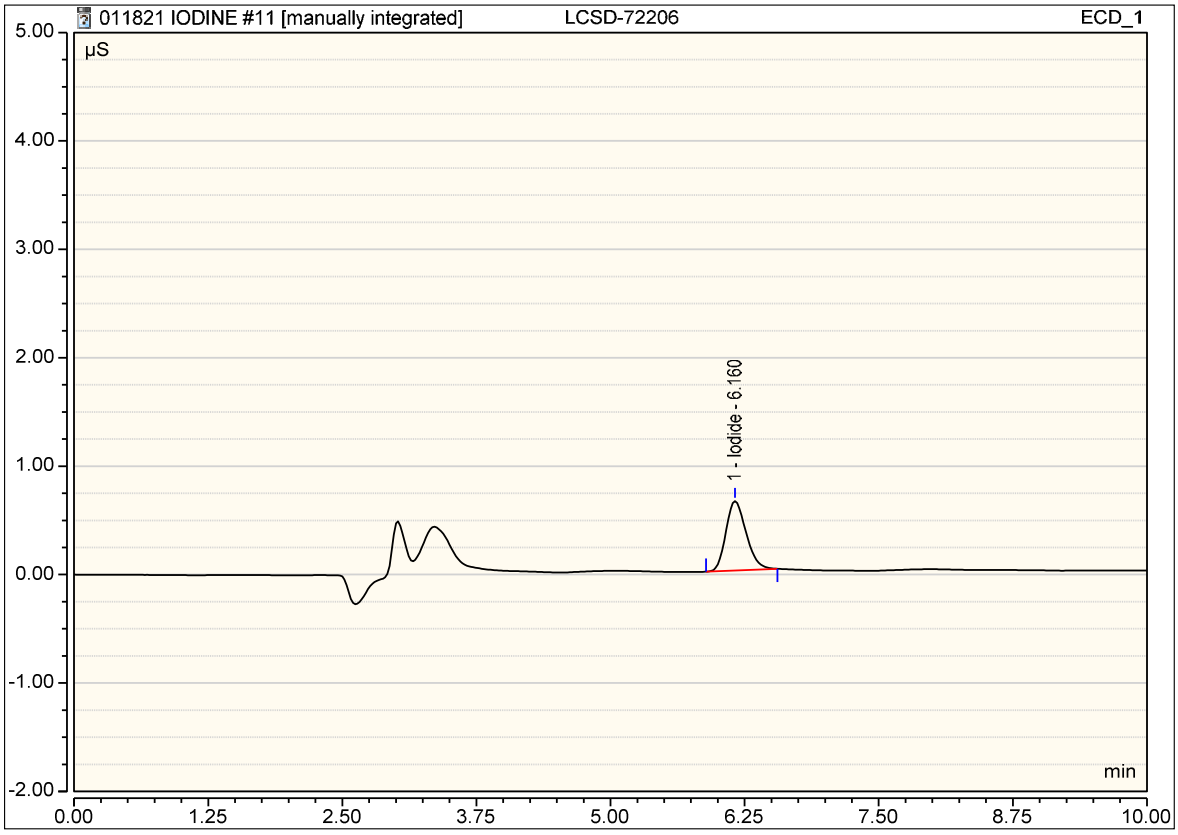
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**LCSD-72206**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 17:28**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.16	Iodide	BMB*	0.140	0.640	1.0649
		TOTAL:		0.14	0.64	1.06



Anion/Integration

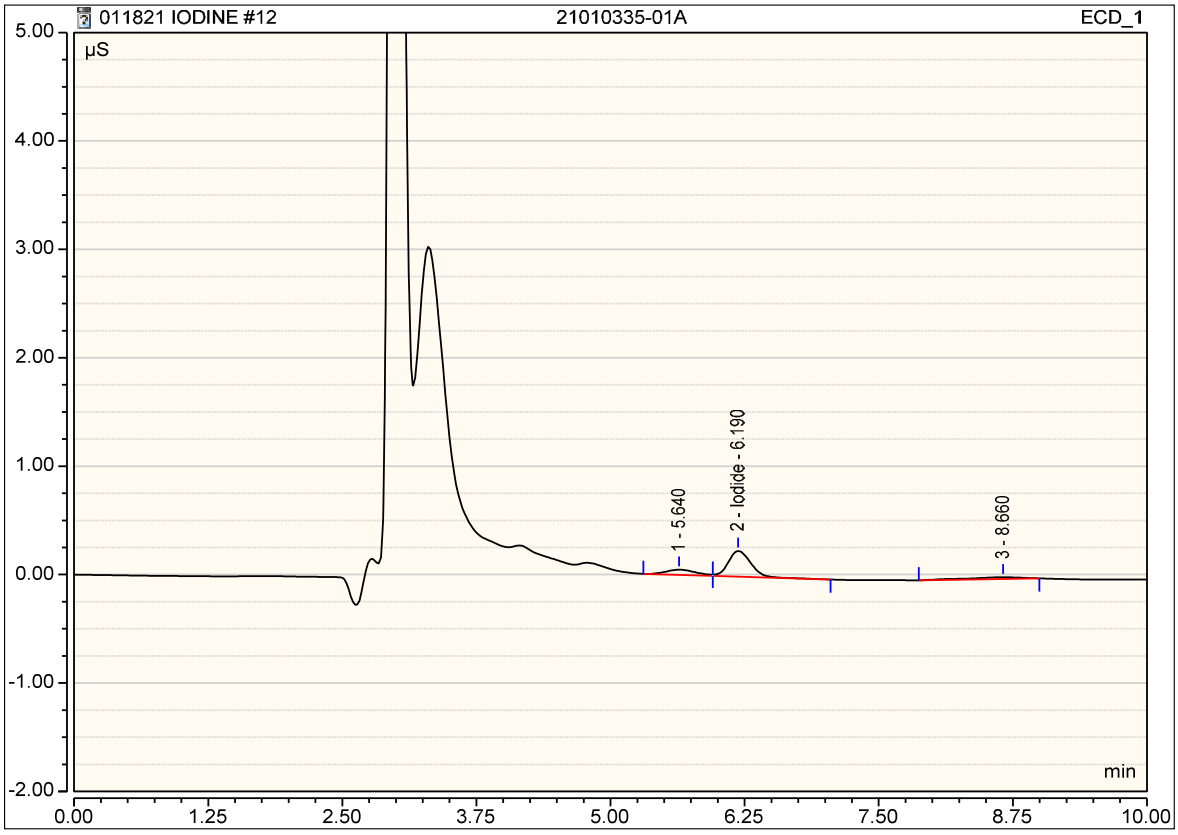
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010335-01A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 17:40**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
2	6.19	Iodide	MB	0.059	0.238	0.4594
		TOTAL:		0.06	0.24	0.46



Anion/Integration

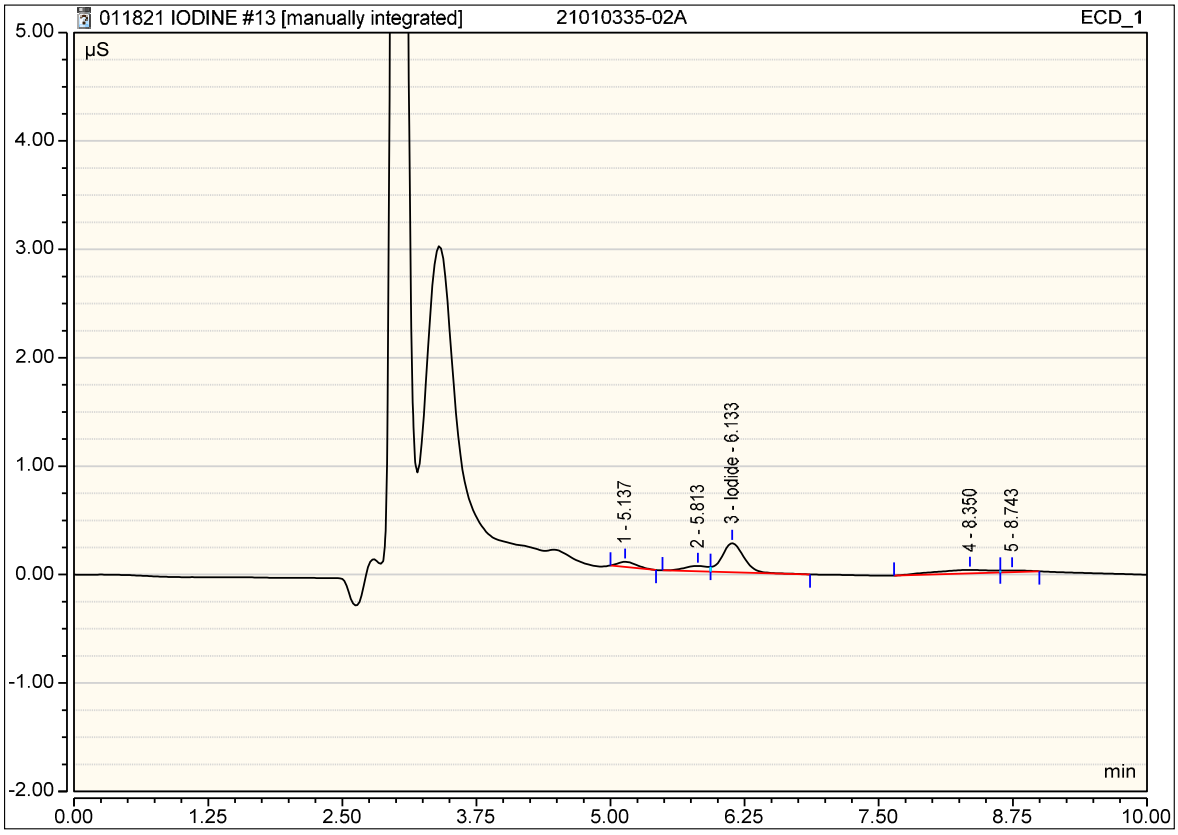
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010335-02A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 17:53**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.13	Iodide	MB*	0.063	0.269	0.4947
		TOTAL:		0.06	0.27	0.49



Anion/Integration

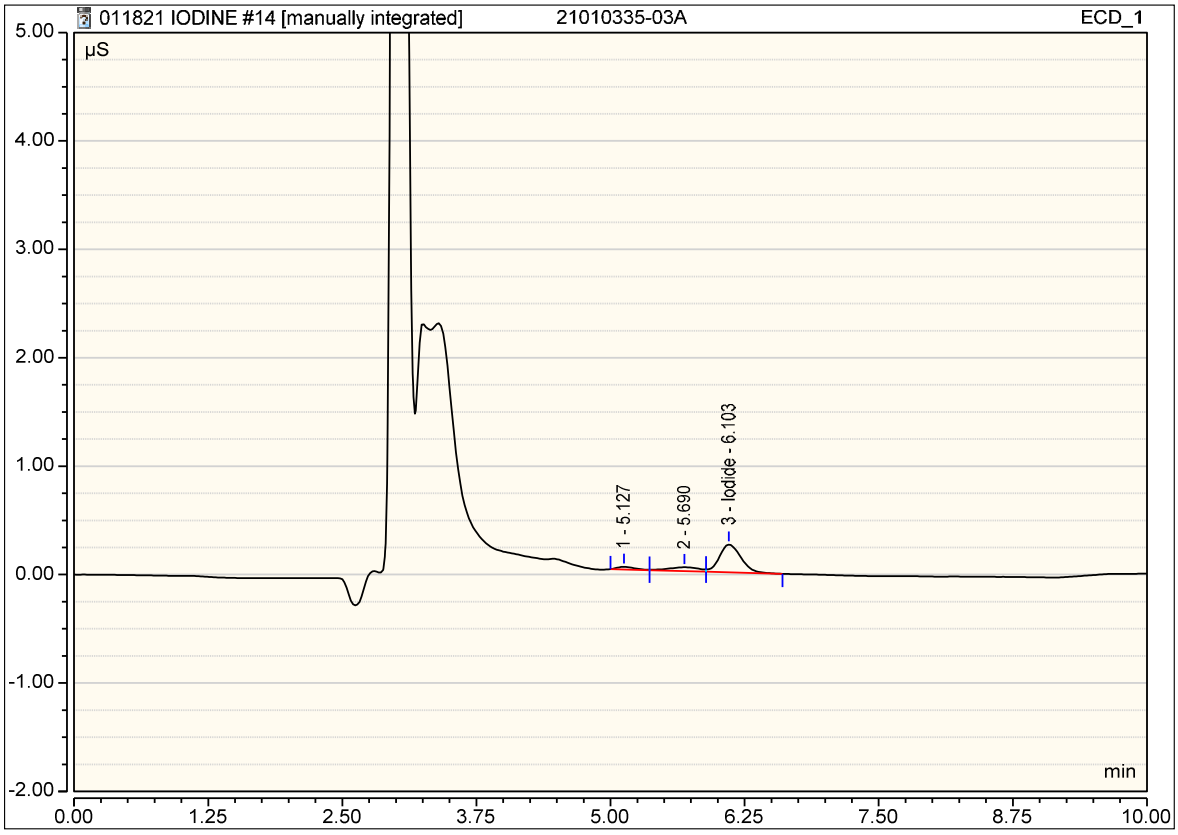
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010335-03A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 18:05**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.10	Iodide	MB*	0.060	0.256	0.4693
		TOTAL:		0.06	0.26	0.47



Anion/Integration

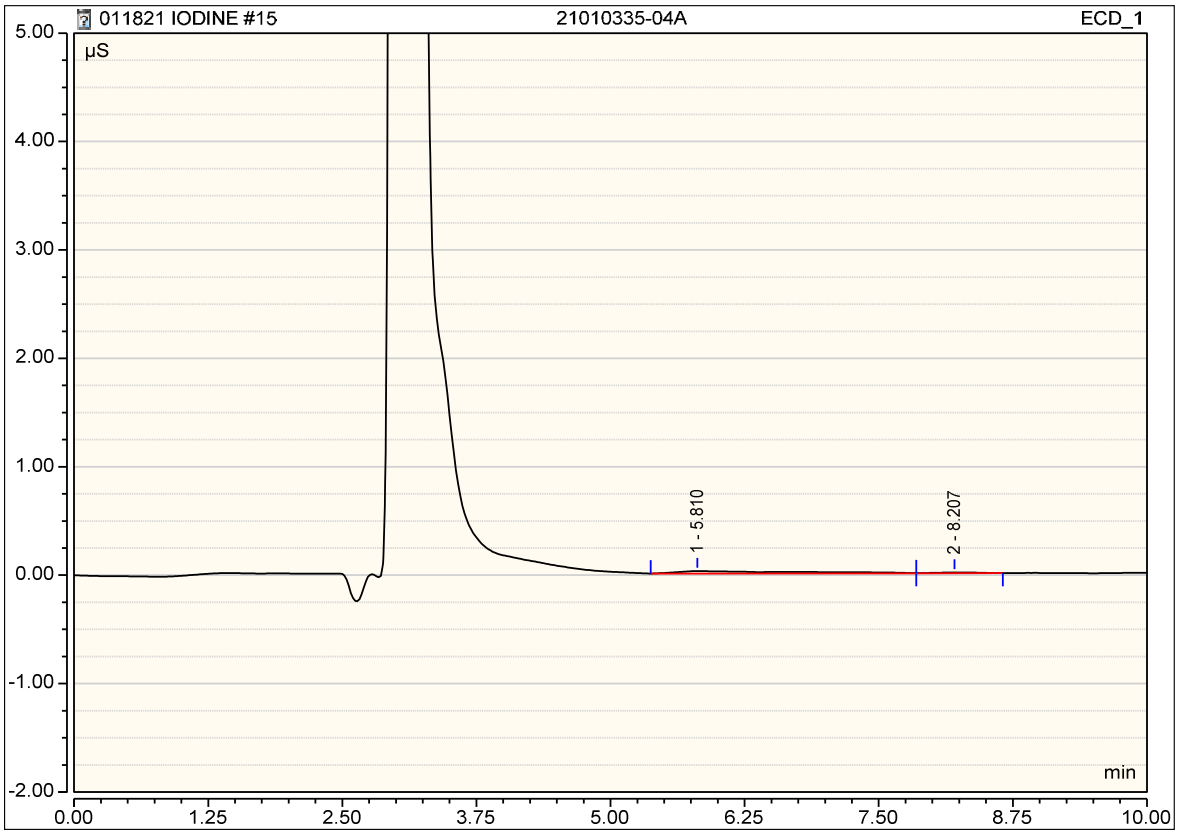
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010335-04A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 18:17**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
		TOTAL:		0.00	0.00	0.00



Anion/Integration

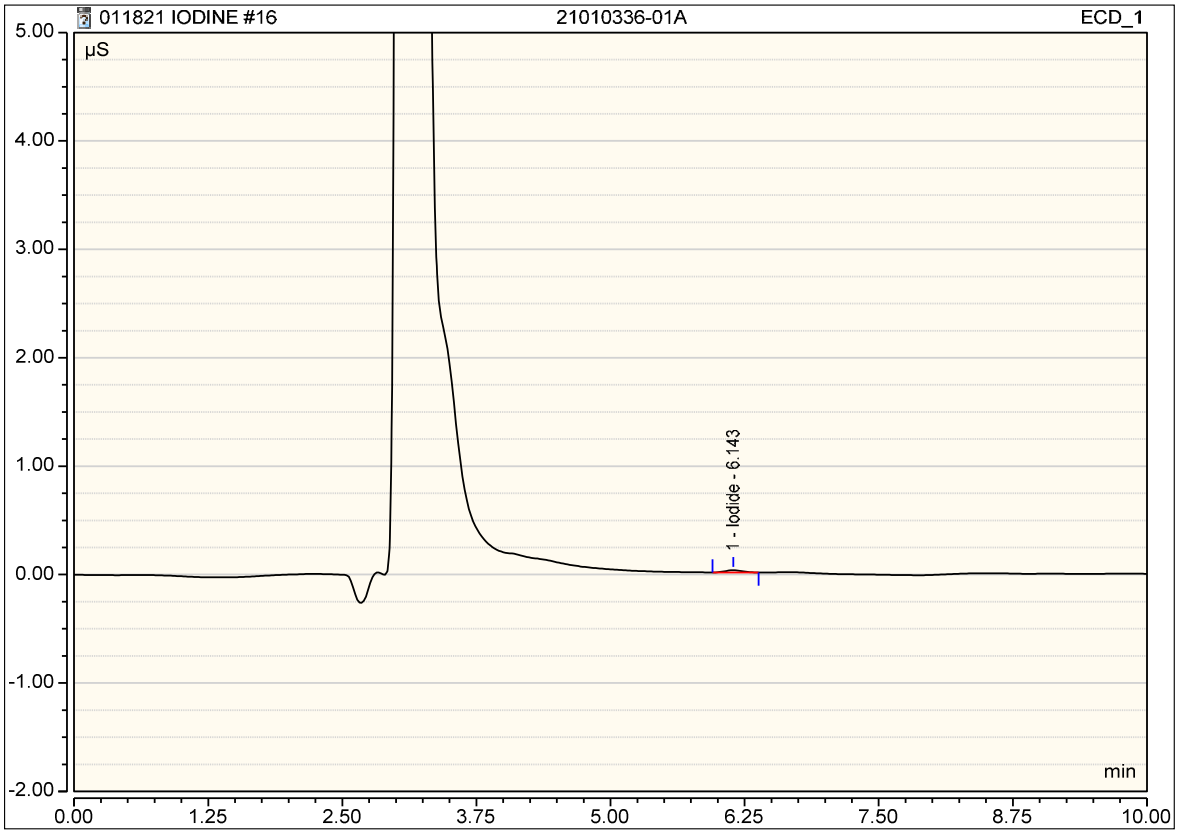
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010336-01A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 18:30**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.14	Iodide	BMB	0.004	0.020	0.0535
		TOTAL:		0.00	0.02	0.05



Anion/Integration

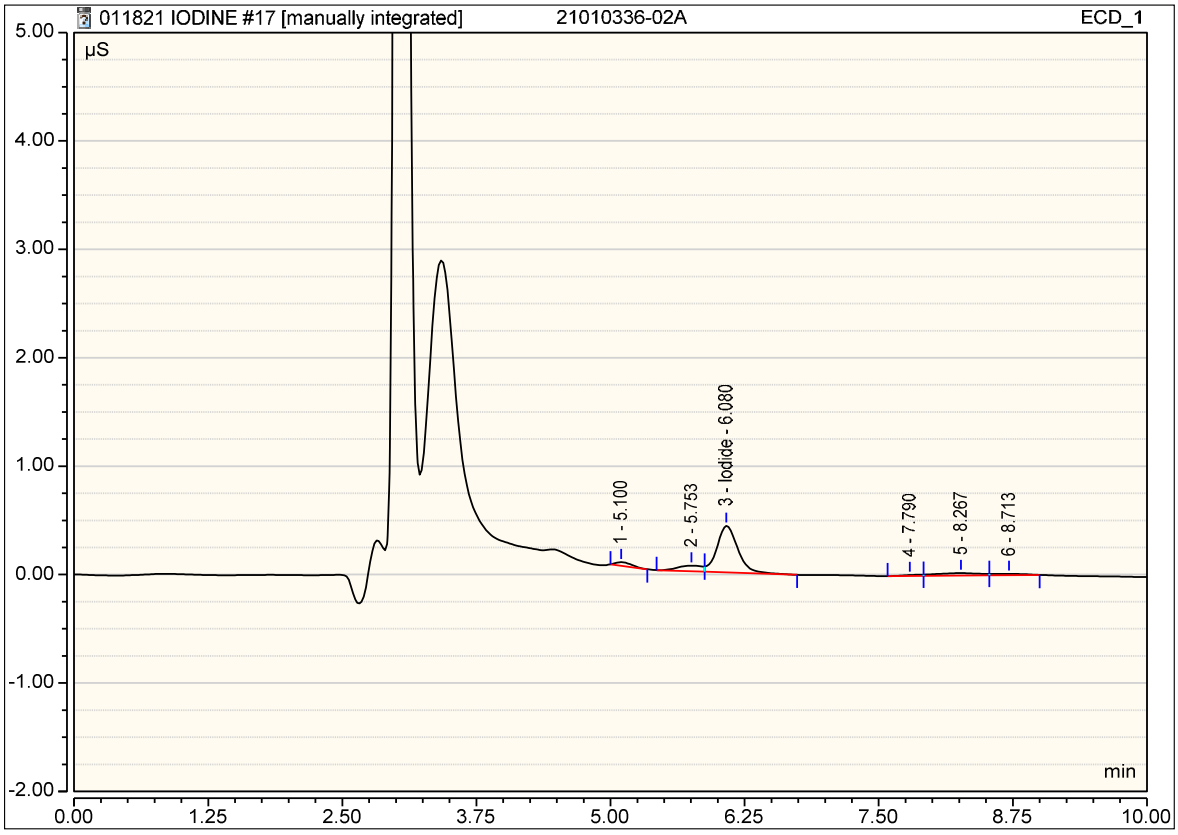
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010336-02A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 18:42**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.08	Iodide	MB*	0.097	0.430	0.7449
		TOTAL:		0.10	0.43	0.74



Anion/Integration

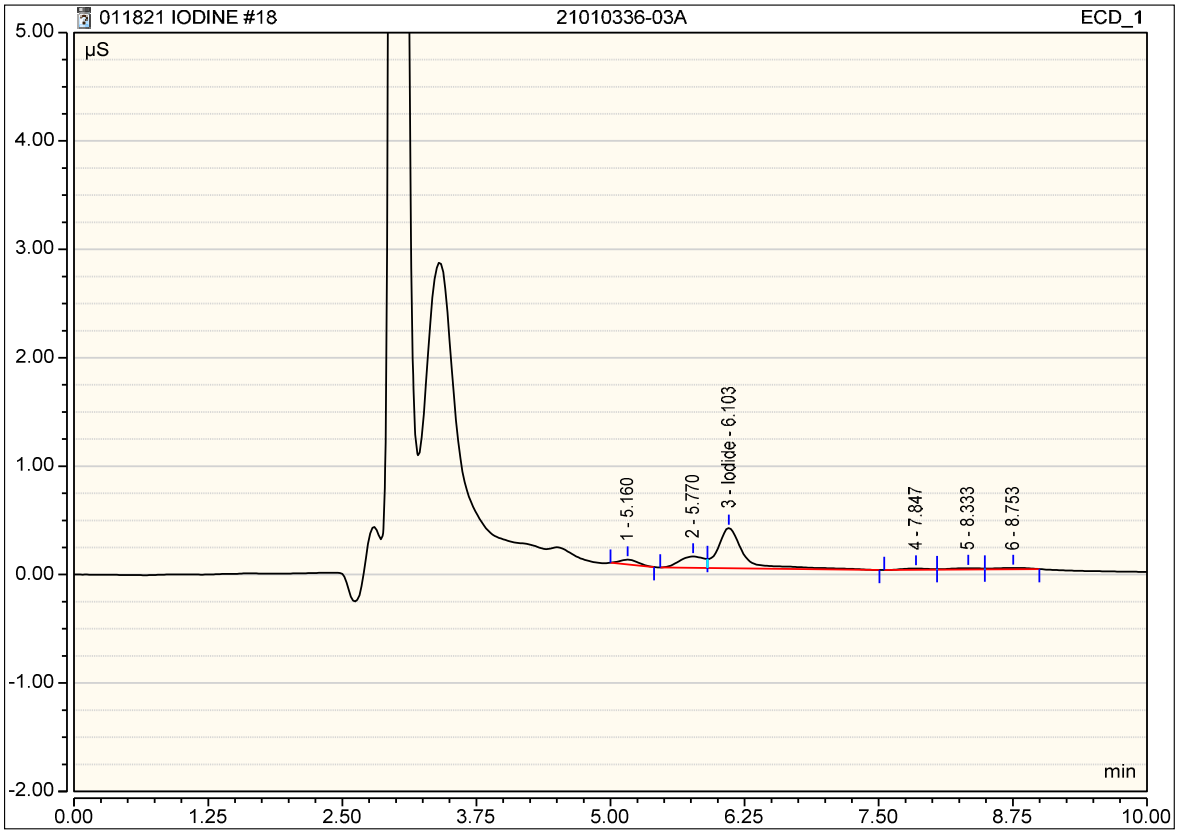
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010336-03A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 18:54**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.10	Iodide	MB	0.103	0.372	0.7870
		TOTAL:		0.10	0.37	0.79



Anion/Integration

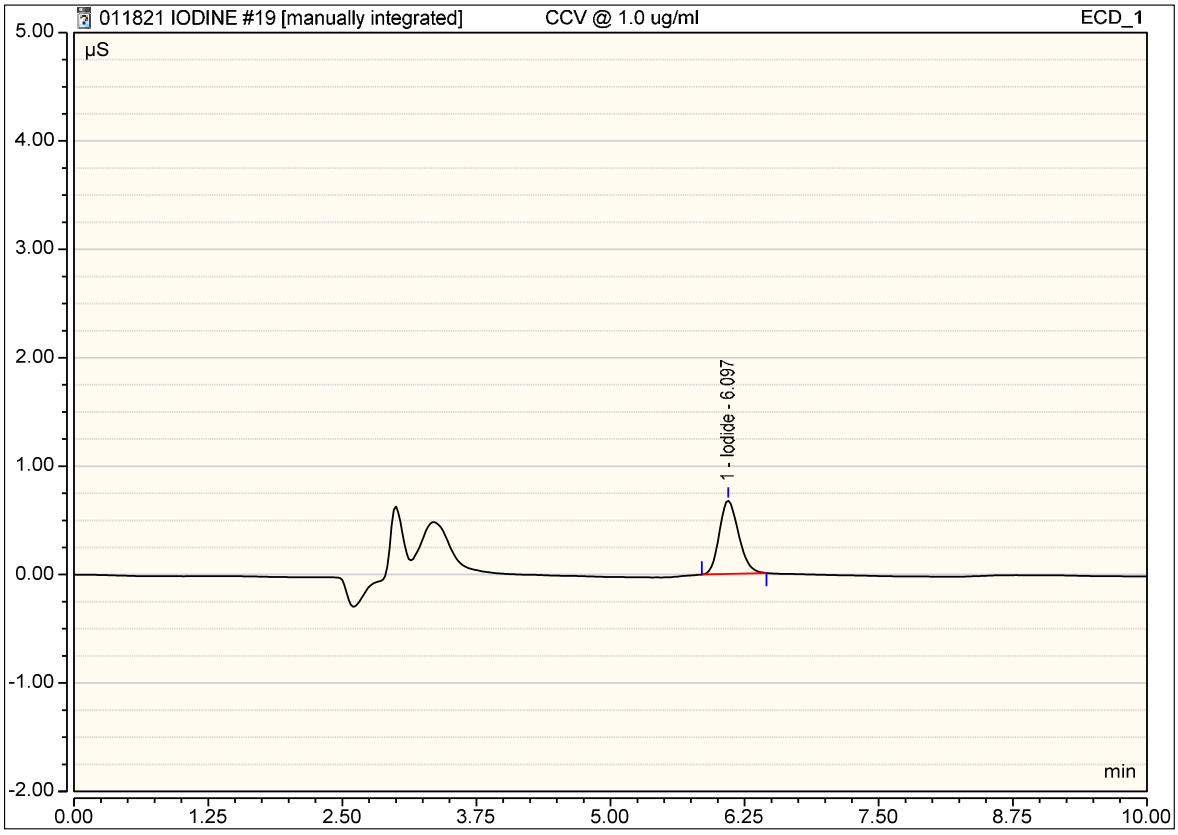
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCV @ 1.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 19:07**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.10	Iodide	BMB*	0.141	0.676	1.0689
		TOTAL:		0.14	0.68	1.07



Anion/Integration

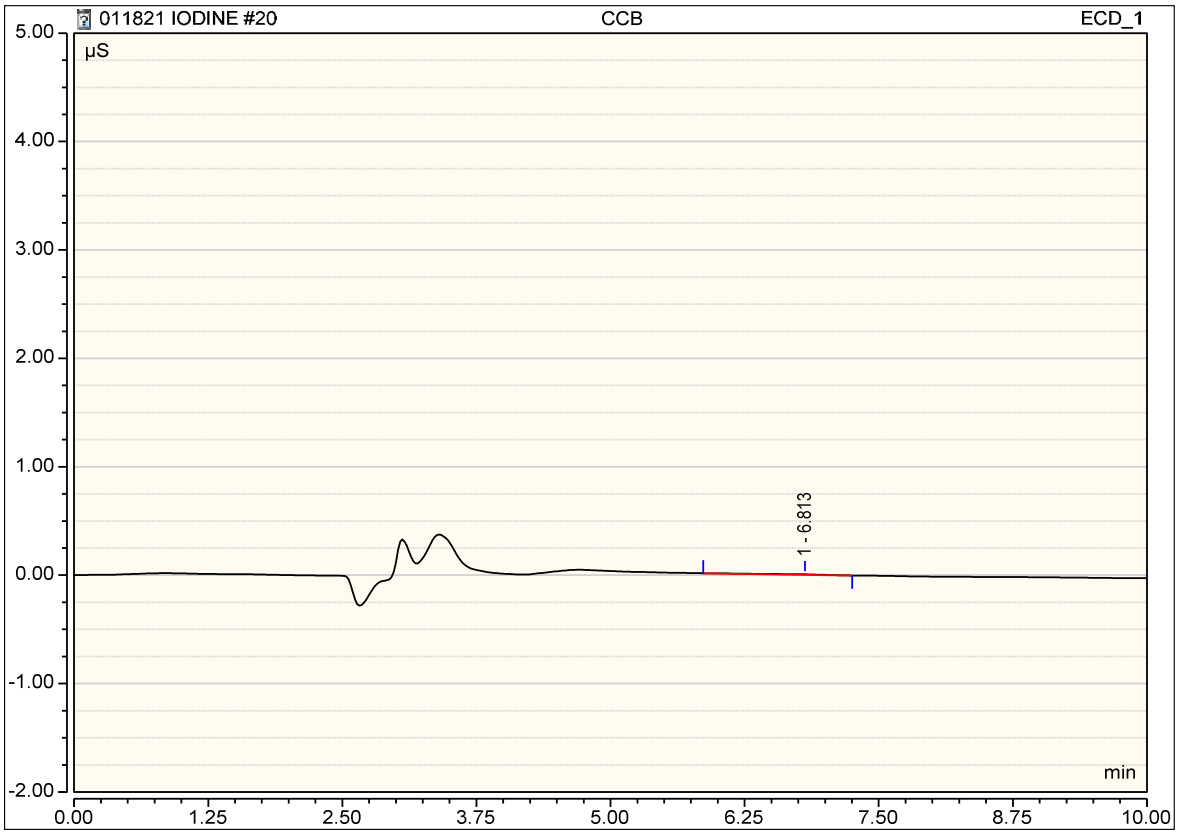
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCB**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 19:19**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
TOTAL:				0.00	0.00	0.00



Anion/Integration

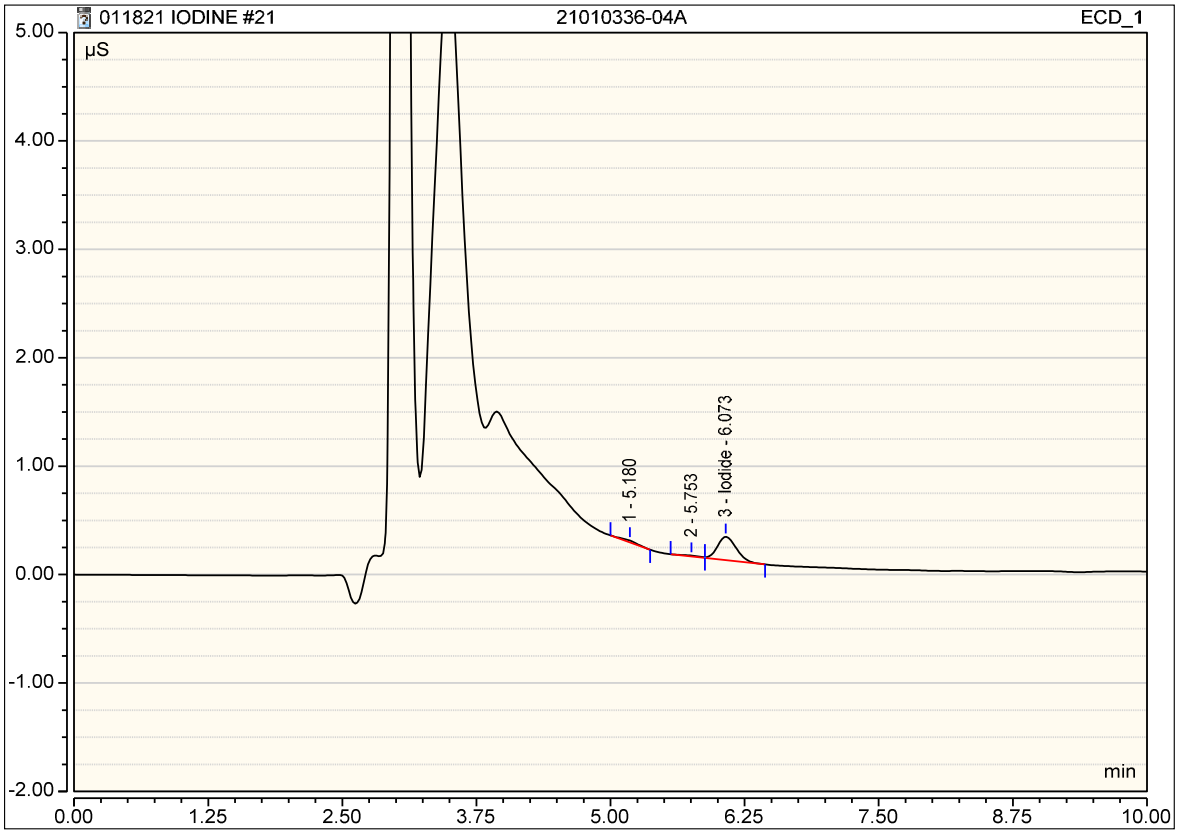
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010336-04A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 19:32**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.07	Iodide	MB	0.044	0.216	0.3497
		TOTAL:		0.04	0.22	0.35



Anion/Integration

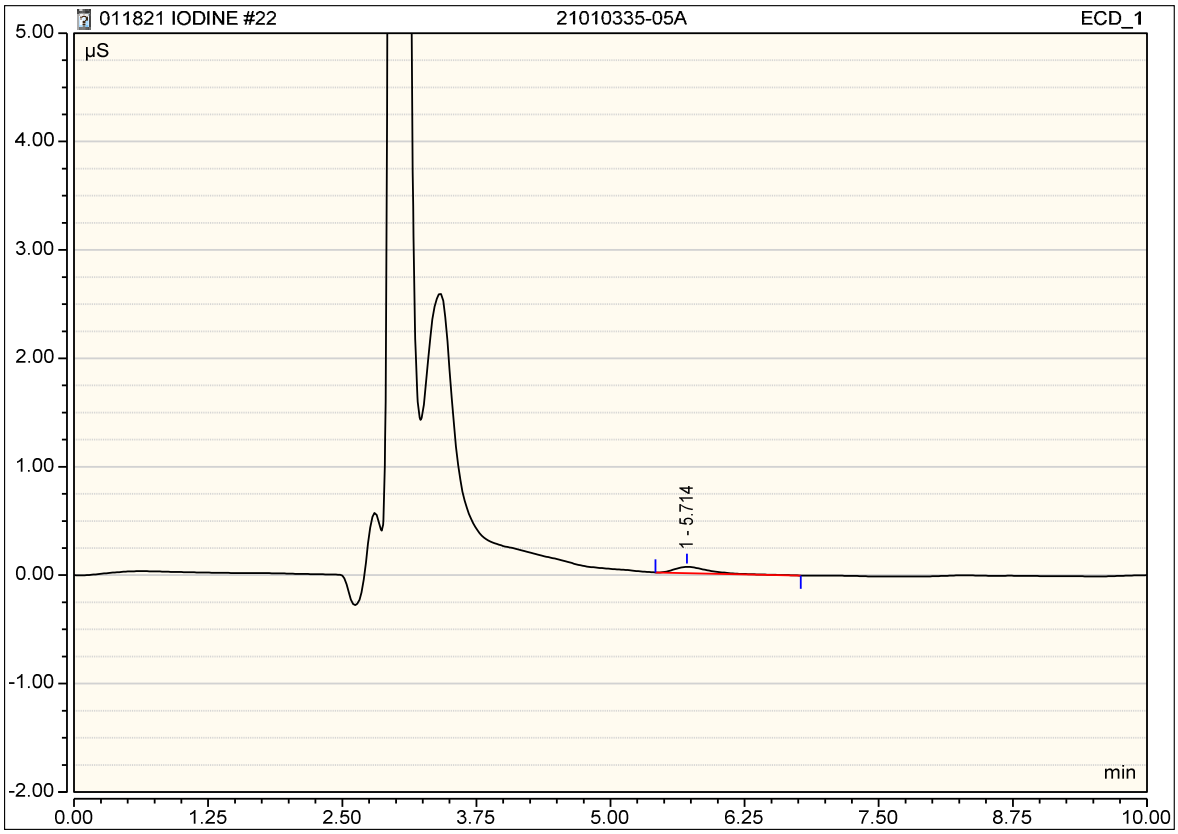
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010335-05A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 19:44**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
		TOTAL:		0.00	0.00	0.00



Anion/Integration

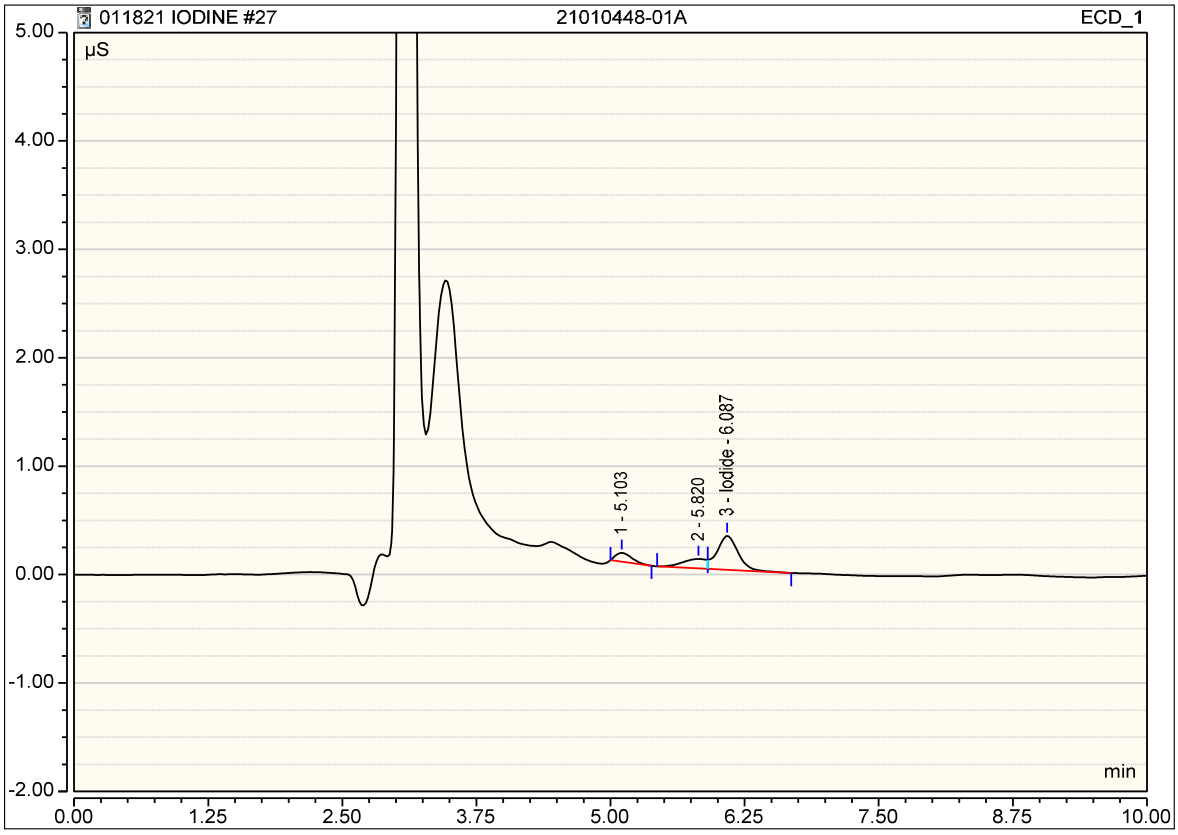
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010448-01A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 20:46**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.09	Iodide	MB	0.071	0.313	0.5498
		TOTAL:		0.07	0.31	0.55



Anion/Integration

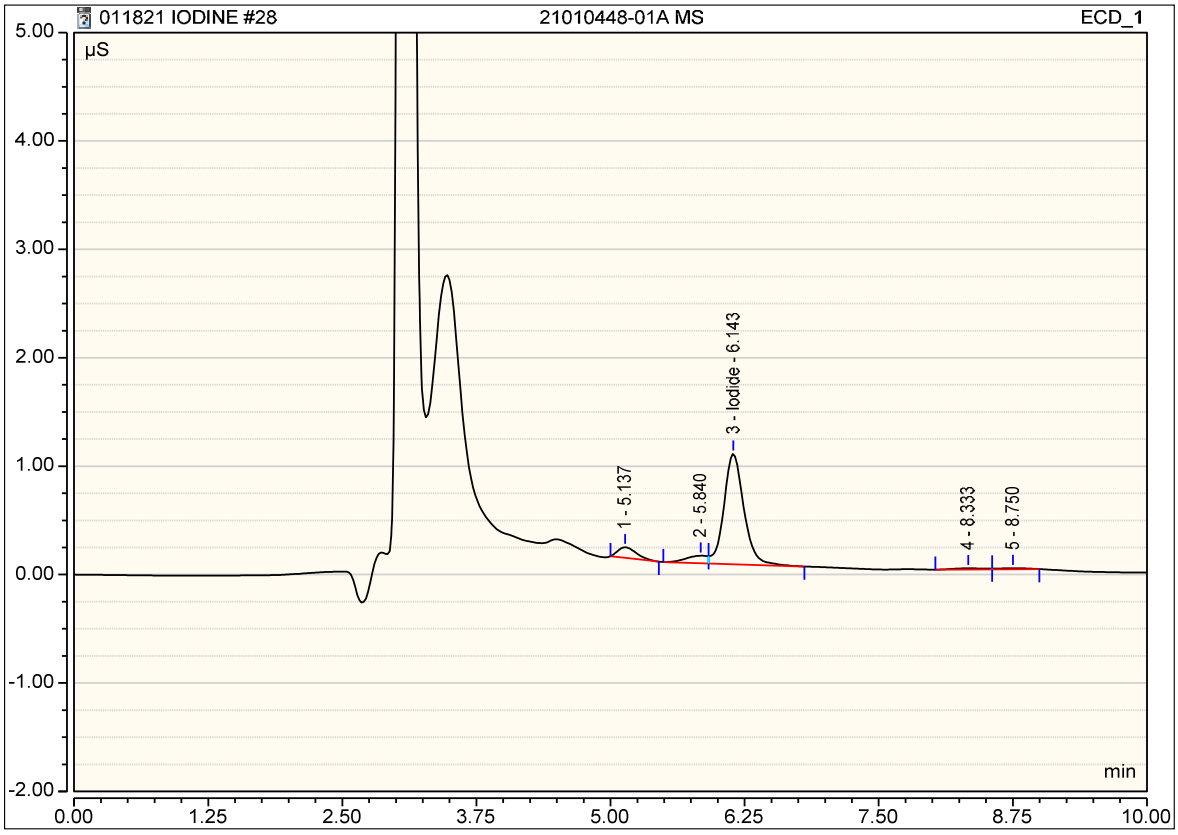
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010448-01A MS**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 20:58**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.14	Iodide	MB	0.220	1.019	1.6532
		TOTAL:		0.22	1.02	1.65



Anion/Integration

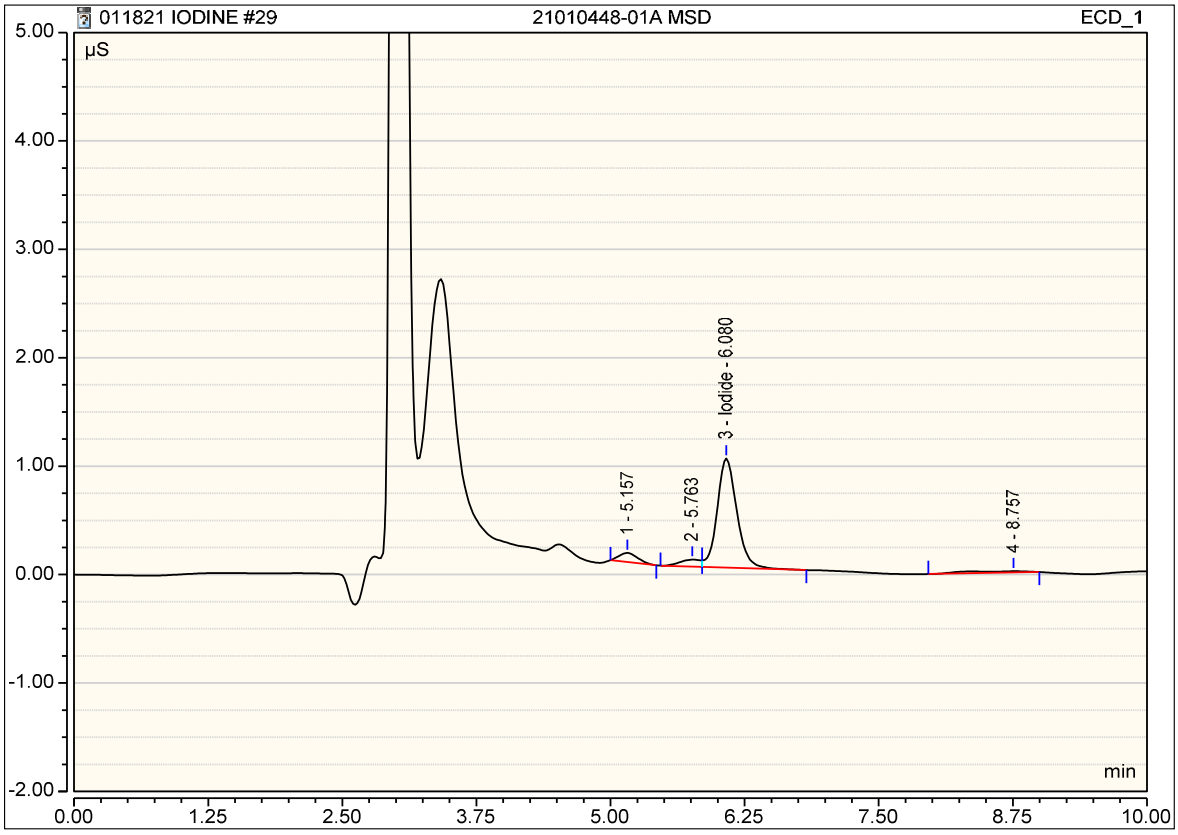
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010448-01A MSD**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 21:11**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.08	Iodide	MB	0.214	1.006	1.6101
		TOTAL:		0.21	1.01	1.61



Anion/Integration

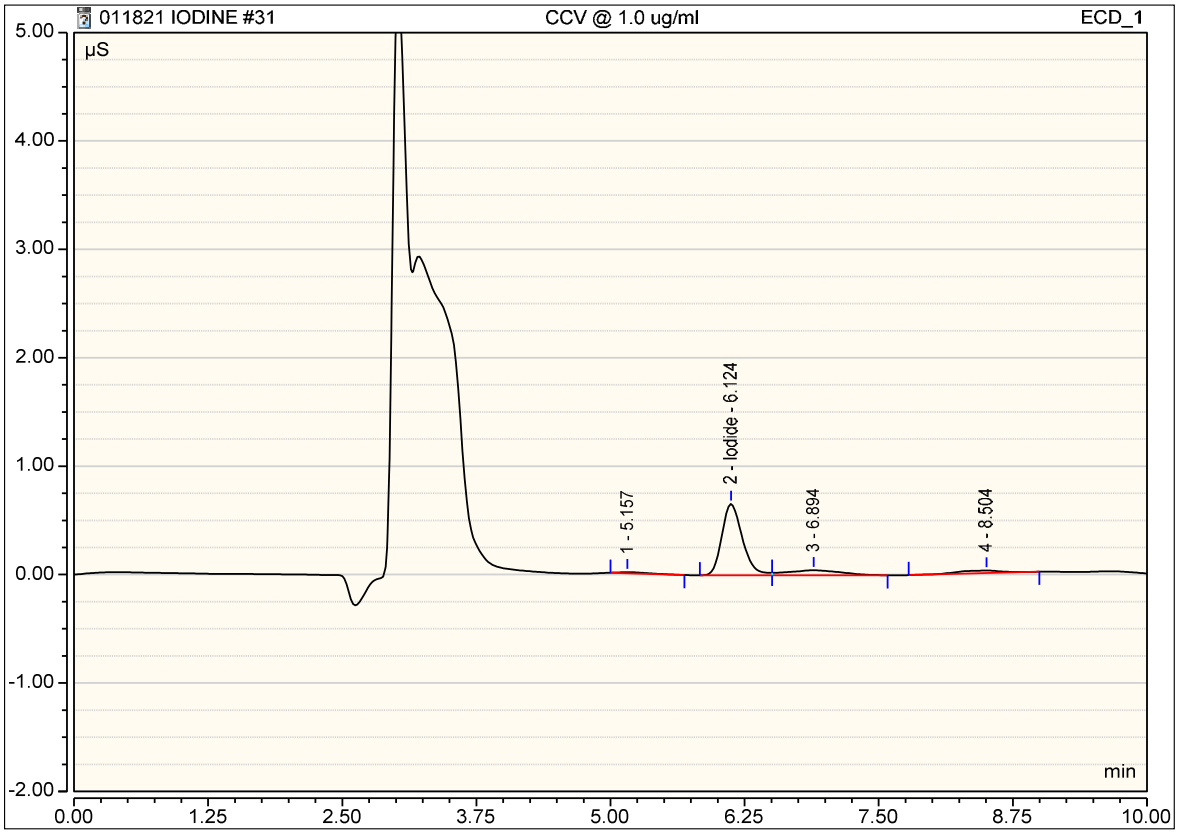
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCV @ 1.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 21:35**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
2	6.12	Iodide	BM	0.146	0.658	1.1094
		TOTAL:		0.15	0.66	1.11



Anion/Integration

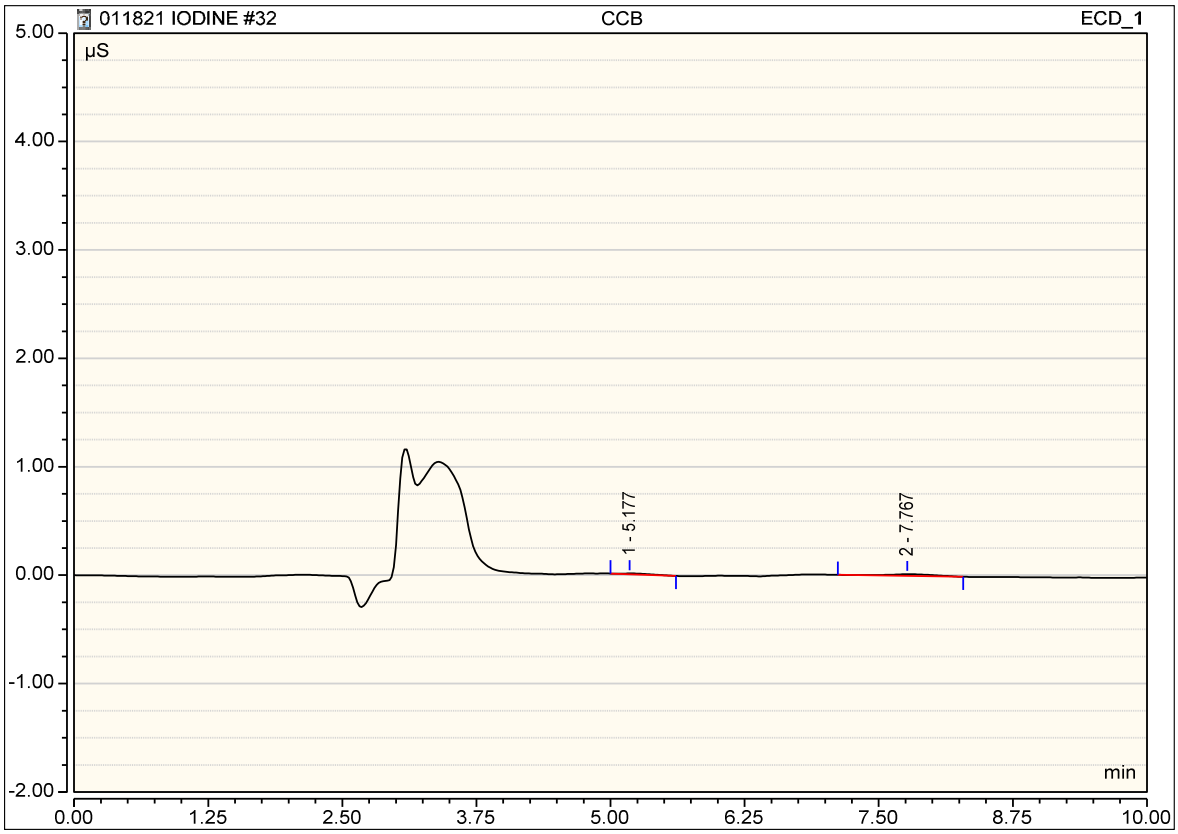
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCB**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 21:48**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
		TOTAL:		0.00	0.00	0.00



Anion/Integration

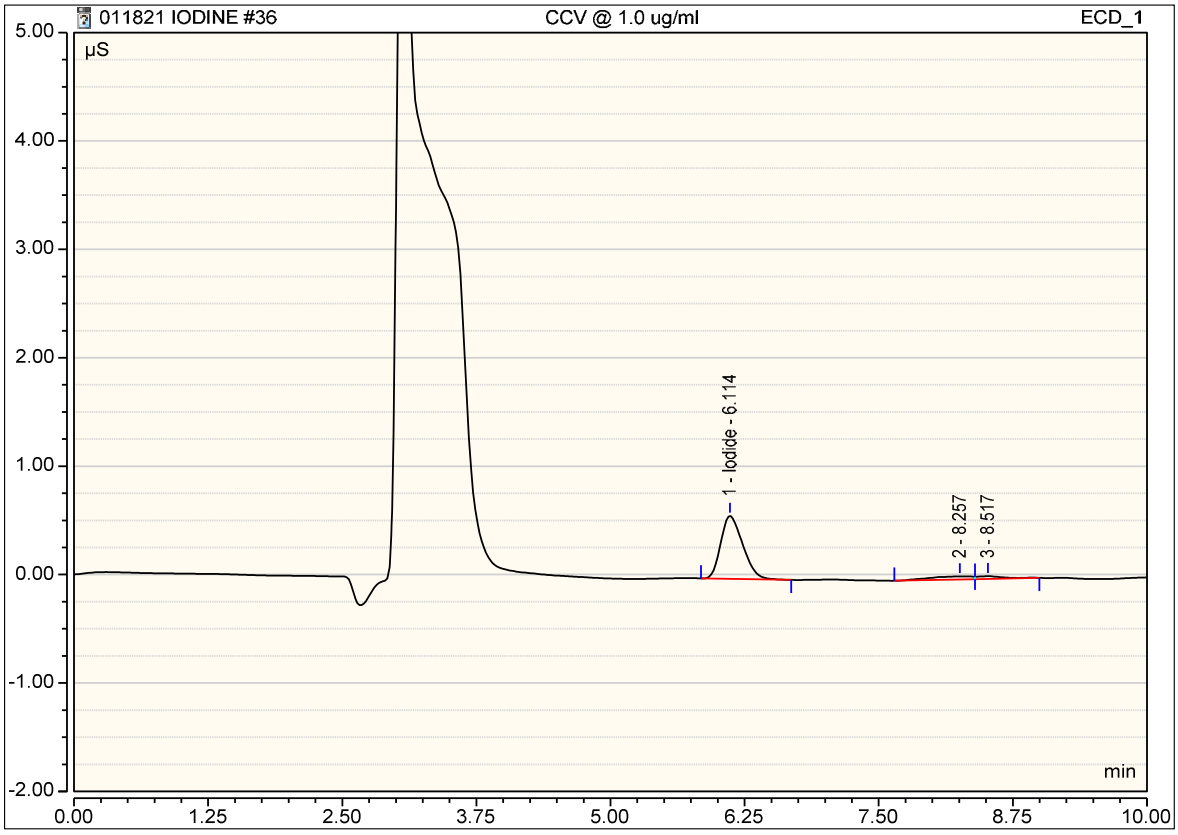
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCV @ 1.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 22:37**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.11	Iodide	BMB	0.138	0.580	1.0470
		TOTAL:		0.14	0.58	1.05



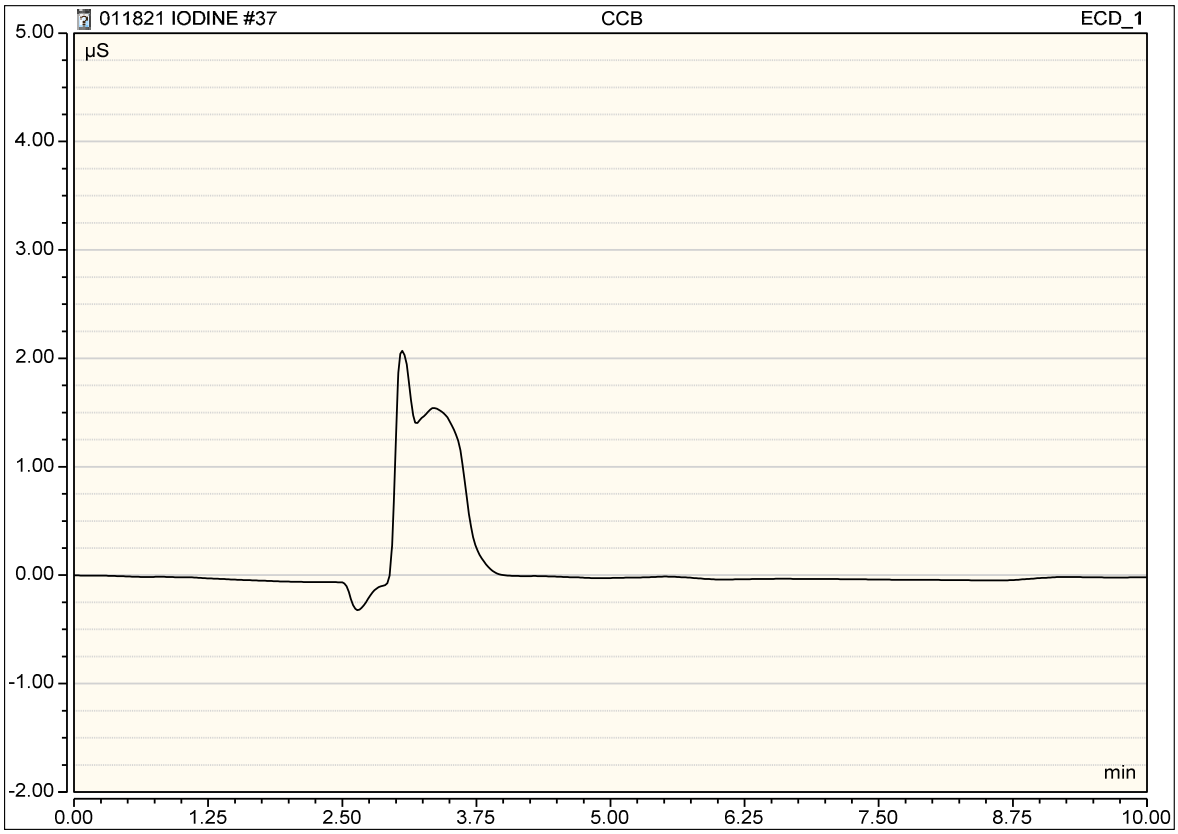
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCB**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 22:50**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
		TOTAL:		0.00	0.00	0.00



Anion/Integration

Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

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WorkOrder: HS21010463

KAFB ROS

Aptim Environmental & Infrastucture, Inc.

Susan Huang
2500 City West Blvd., Suite 1700
Houston TX 77042

22-Feb-2021

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HS21010463 ALS Cincinnati DOD Level III Data

HS21010463 KAFB ROS Final

ALS WO# HS21010463

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January 27, 2021

Susan Huang
Aptim Environmental & Infrastucture, Inc.
2500 City West Blvd., Suite 1700
Houston, TX 77042

Work Order: **HS21010463**

Laboratory Results for: **KAFB ROS**

Dear Susan Huang,

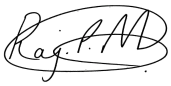
ALS Environmental received 5 sample(s) on Jan 13, 2021 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,



Generated By: JUMOKE.LAWAL
RJ Modashia
Project Manager

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastructure, Inc.
Project: KAFB ROS
Work Order: HS21010463

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS21010463-01	106MW1I-LTM-011211	Groundwater		12-Jan-2021 10:35	13-Jan-2021 11:10	☐
HS21010463-02	106EX1-LTM-011221	Groundwater		12-Jan-2021 10:55	13-Jan-2021 11:10	☐
HS21010463-03	106MW1S-LTM-011221	Groundwater		12-Jan-2021 13:58	13-Jan-2021 11:10	☐
HS21010463-04	106IN1-LTM-011221	Groundwater		12-Jan-2021 13:40	13-Jan-2021 11:10	☐
HS21010463-05	TB-011221	Water		12-Jan-2021 15:00	13-Jan-2021 11:10	☐

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
Work Order: HS21010463

CASE NARRATIVE

Work Order Comments

• The analysis for Iodide was subcontracted to ALS Cincinnati, OH. Final report attached.

ECD Organics by Method SW8011

Batch ID: 161670

Sample ID: HS21010577-01MS

• MS and MSD are for an unrelated sample

GCMS Volatiles by Method SW8260

Batch ID: R376447

Sample ID: 106IN1-LTM-011221 (HS21010463-04)

• Lowest practical dilution for sample HS21010463-04 due to high concentration of non-target compounds.

Sample ID: HS21010577-01MS

• MS and MSD are for an unrelated sample

Metals by Method SW6020

Batch ID: 161677

Sample ID: HS21010577-01MS

• MS and MSD are for an unrelated sample

Batch ID: 161680

Sample ID: HS21010577-01MS

• MS and MSD are for an unrelated sample

WetChemistry by Method SM2320B

Batch ID: R376366

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SW9056

Batch ID: R376323

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E365.3

Batch ID: R376248

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010463
Sample ID: 106MW1I-LTM-011211 Lab ID:HS21010463-01
Collection Date: 12-Jan-2021 10:35 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C	**Method:SW8260**							Analyst: PC
1,1,2-Trichloroethane	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:40
1,2,4-Trichlorobenzene	1.0	U	0.50	1.0	1.0	ug/L	1	15-Jan-2021 20:40
1,2-Dibromoethane	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:40
1,2-Dichloroethane	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:40
1,3,5-Trimethylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:40
2-Butanone	1.0	U	0.50	1.0	2.0	ug/L	1	15-Jan-2021 20:40
2-Chlorotoluene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:40
2-Hexanone	2.0	U	1.0	2.0	2.0	ug/L	1	15-Jan-2021 20:40
4-Isopropyltoluene	**23**		**0.30**	**1.0**	**1.0**	**ug/L**	1	15-Jan-2021 20:40
4-Methyl-2-pentanone	2.0	U	0.70	2.0	2.0	ug/L	1	15-Jan-2021 20:40
Acetone	2.0	U	0.40	2.0	2.0	ug/L	1	15-Jan-2021 20:40
Benzene	**14**		**0.20**	**0.50**	**1.0**	**ug/L**	1	15-Jan-2021 20:40
Carbon disulfide	2.0	U	0.60	2.0	2.0	ug/L	1	15-Jan-2021 20:40
Chloromethane	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:40
cis-1,2-Dichloroethene	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:40
Dichlorodifluoromethane	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:40
Ethylbenzene	**14**		**0.30**	**1.0**	**1.0**	**ug/L**	1	15-Jan-2021 20:40
Isopropylbenzene	**21**		**0.30**	**1.0**	**1.0**	**ug/L**	1	15-Jan-2021 20:40
m,p-Xylene	**1.1**	J	**0.50**	**1.0**	**2.0**	**ug/L**	1	15-Jan-2021 20:40
Methyl tert-butyl ether	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:40
Methylene chloride	2.0	U	0.40	2.0	2.0	ug/L	1	15-Jan-2021 20:40
n-Butylbenzene	1.0	U	0.40	1.0	1.0	ug/L	1	15-Jan-2021 20:40
n-Propylbenzene	**1.6**		**0.30**	**1.0**	**1.0**	**ug/L**	1	15-Jan-2021 20:40
Naphthalene	**1.1**		**0.30**	**1.0**	**1.0**	**ug/L**	1	15-Jan-2021 20:40
o-Xylene	**1.7**		**0.30**	**1.0**	**1.0**	**ug/L**	1	15-Jan-2021 20:40
sec-Butylbenzene	**3.3**		**0.30**	**1.0**	**1.0**	**ug/L**	1	15-Jan-2021 20:40
tert-Butylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:40
Tetrachloroethene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:40
Toluene	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:40
trans-1,2-Dichloroethene	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:40
Trichloroethene	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:40
Trichlorofluoromethane	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:40
Vinyl chloride	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:40
Xylenes, Total	**2.8**		**0.30**	**1.0**	**1.0**	**ug/L**	1	15-Jan-2021 20:40
Surr: 1,2-Dichloroethane-d4	*90.0*			**0**	*81-118*	*%REC*	*1*	*15-Jan-2021 20:40*
Surr: 4-Bromofluorobenzene	*103*			**0**	*85-114*	*%REC*	*1*	*15-Jan-2021 20:40*
Surr: Dibromofluoromethane	*93.0*			**0**	*80-119*	*%REC*	*1*	*15-Jan-2021 20:40*
Surr: Toluene-d8	*102*			**0**	*89-112*	*%REC*	*1*	*15-Jan-2021 20:40*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
Sample ID: 106MW1I-LTM-011211
Collection Date: 12-Jan-2021 10:35

ANALYTICAL REPORT
WorkOrder:HS21010463
Lab ID:HS21010463-01
Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
EDB-DBCP BY SW8011		**Method:SW8011**				Prep:SW8011 / 18-Jan-2021		Analyst: JBA
1,2-Dibromoethane	0.011	U	0.0032	0.011	0.021	ug/L	1	19-Jan-2021 01:51
METALS BY ICPMS BY SW6020A		**Method:SW6020**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Lead	0.00100	U	0.000600	0.00100	0.00500	mg/L	1	27-Jan-2021 00:32
DISSOLVED METALS BY SW6020A		**Method:SW6020 (dissolved)**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Iron	**3.55**		**0.0120**	**0.0500**	**0.200**	**mg/L**	1	27-Jan-2021 01:19
Manganese	**3.79**		**0.0350**	**0.125**	**0.250**	**mg/L**	50	27-Jan-2021 12:38
ORTHO PHOSPHATE (PO4) AS P BY E365.3		**Method:E365.3**						Analyst: MZD
Phosphorus, Dissolved Orthophosphate (As P)	0.0250	aU	0.0100	0.0250	0.0250	mg/L	1	13-Jan-2021 09:30
ALKALINITY BY SM2320B		**Method:SM2320B**						Analyst: TH
Alkalinity, Total (As CaCO3)	**339**	a	**5.00**	**5.00**	**5.00**	**mg/L**	1	14-Jan-2021 22:44
ANIONS BY SW9056A		**Method:SW9056**						Analyst: YP
Bromide	**1.65**		**0.0300**	**0.100**	**0.100**	**mg/L**	1	13-Jan-2021 17:14
Chloride	**71.0**		**0.200**	**0.500**	**0.500**	**mg/L**	1	13-Jan-2021 17:14
Nitrogen, Nitrate (As N)	**0.102**		**0.0300**	**0.100**	**0.100**	**mg/L**	1	13-Jan-2021 17:14
Nitrogen, Nitrite (As N)	0.100	U	0.0300	0.100	0.100	mg/L	1	13-Jan-2021 17:14
Sulfate	**29.7**		**0.200**	**0.500**	**0.500**	**mg/L**	1	13-Jan-2021 17:14
SUBCONTRACT ANALYSIS - IODIDE		**Method:NA**						Analyst: SUB
Subcontract Analysis	See Attached		0	0		NA	1	19-Jan-2021 10:27

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010463
Sample ID: 106EX1-LTM-011221 Lab ID:HS21010463-02
Collection Date: 12-Jan-2021 10:55 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C	**Method:SW8260**							Analyst: PC
1,1,2-Trichloroethane	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 21:23
1,2,4-Trichlorobenzene	5.0	U	2.5	5.0	5.0	ug/L	5	15-Jan-2021 21:23
1,2-Dibromoethane	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 21:23
1,2-Dichloroethane	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 21:23
1,3,5-Trimethylbenzene	**61**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 21:23
2-Butanone	5.0	U	2.5	5.0	10	ug/L	5	15-Jan-2021 21:23
2-Chlorotoluene	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 21:23
2-Hexanone	10	U	5.0	10	10	ug/L	5	15-Jan-2021 21:23
4-Isopropyltoluene	**56**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 21:23
4-Methyl-2-pentanone	10	U	3.5	10	10	ug/L	5	15-Jan-2021 21:23
Acetone	10	U	2.0	10	10	ug/L	5	15-Jan-2021 21:23
Benzene	**2,600**		**5.0**	**12**	**25**	**ug/L**	25	16-Jan-2021 01:14
Carbon disulfide	10	U	3.0	10	10	ug/L	5	15-Jan-2021 21:23
Chloromethane	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 21:23
cis-1,2-Dichloroethene	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 21:23
Dichlorodifluoromethane	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 21:23
Ethylbenzene	**570**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 21:23
Isopropylbenzene	**120**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 21:23
m,p-Xylene	**1,100**		**2.5**	**5.0**	**10**	**ug/L**	5	15-Jan-2021 21:23
Methyl tert-butyl ether	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 21:23
Methylene chloride	10	U	2.0	10	10	ug/L	5	15-Jan-2021 21:23
n-Butylbenzene	5.0	U	2.0	5.0	5.0	ug/L	5	15-Jan-2021 21:23
n-Propylbenzene	**37**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 21:23
Naphthalene	**67**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 21:23
o-Xylene	**620**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 21:23
sec-Butylbenzene	**6.4**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 21:23
tert-Butylbenzene	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 21:23
Tetrachloroethene	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 21:23
Toluene	**11**		**1.0**	**2.5**	**5.0**	**ug/L**	5	15-Jan-2021 21:23
trans-1,2-Dichloroethene	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 21:23
Trichloroethene	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 21:23
Trichlorofluoromethane	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 21:23
Vinyl chloride	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 21:23
Xylenes, Total	**1,800**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 21:23
Surr: 1,2-Dichloroethane-d4	*87.9*			**0**	*81-118*	*%REC*	*25*	*16-Jan-2021 01:14*
Surr: 1,2-Dichloroethane-d4	*89.8*			**0**	*81-118*	*%REC*	*5*	*15-Jan-2021 21:23*
Surr: 4-Bromofluorobenzene	*105*			**0**	*85-114*	*%REC*	*5*	*15-Jan-2021 21:23*
Surr: 4-Bromofluorobenzene	*104*			**0**	*85-114*	*%REC*	*25*	*16-Jan-2021 01:14*
Surr: Dibromofluoromethane	*91.9*			**0**	*80-119*	*%REC*	*25*	*16-Jan-2021 01:14*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010463
Sample ID: 106EX1-LTM-011221 Lab ID:HS21010463-02
Collection Date: 12-Jan-2021 10:55 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C		**Method:SW8260**						Analyst: PC
Surr: Dibromofluoromethane	*92.1*			**0**	*80-119*	*%REC*	*5*	*15-Jan-2021 21:23*
Surr: Toluene-d8	*100*			**0**	*89-112*	*%REC*	*5*	*15-Jan-2021 21:23*
Surr: Toluene-d8	*101*			**0**	*89-112*	*%REC*	*25*	*16-Jan-2021 01:14*
EDB-DBCP BY SW8011		**Method:SW8011**				Prep:SW8011 / 18-Jan-2021		Analyst: JBA
1,2-Dibromoethane	0.010	U	0.0031	0.010	0.021	ug/L	1	19-Jan-2021 02:15
METALS BY ICPMS BY SW6020A		**Method:SW6020**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Lead	0.00100	U	0.000600	0.00100	0.00500	mg/L	1	27-Jan-2021 00:34
DISSOLVED METALS BY SW6020A		**Method:SW6020 (dissolved)**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Iron	**8.79**		**0.0120**	**0.0500**	**0.200**	**mg/L**	1	27-Jan-2021 01:21
Manganese	**5.38**		**0.0350**	**0.125**	**0.250**	**mg/L**	50	27-Jan-2021 12:47
ORTHO PHOSPHATE (PO4) AS P BY E365.3		**Method:E365.3**						Analyst: MZD
Phosphorus, Dissolved Orthophosphate (As P)	0.0250	aU	0.0100	0.0250	0.0250	mg/L	1	13-Jan-2021 09:30
ALKALINITY BY SM2320B		**Method:SM2320B**						Analyst: TH
Alkalinity, Total (As CaCO3)	**575**	a	**5.00**	**5.00**	**5.00**	**mg/L**	1	14-Jan-2021 22:51
ANIONS BY SW9056A		**Method:SW9056**						Analyst: YP
Bromide	**0.968**		**0.0300**	**0.100**	**0.100**	**mg/L**	1	13-Jan-2021 17:32
Chloride	**49.0**		**0.200**	**0.500**	**0.500**	**mg/L**	1	13-Jan-2021 17:32
Nitrogen, Nitrate (As N)	**0.0648**	J	**0.0300**	**0.100**	**0.100**	**mg/L**	1	13-Jan-2021 17:32
Nitrogen, Nitrite (As N)	0.100	U	0.0300	0.100	0.100	mg/L	1	13-Jan-2021 17:32
Sulfate	**0.214**	J	**0.200**	**0.500**	**0.500**	**mg/L**	1	13-Jan-2021 17:32
SUBCONTRACT ANALYSIS - IODIDE		**Method:NA**						Analyst: SUB
Subcontract Analysis	See Attached		0	0		NA	1	19-Jan-2021 10:27

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010463
Sample ID: 106MW1S-LTM-011221 Lab ID:HS21010463-03
Collection Date: 12-Jan-2021 13:58 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C	**Method:SW8260**							Analyst: PC
1,1,2-Trichloroethane	10	U	3.0	10	10	ug/L	10	15-Jan-2021 23:50
1,2,4-Trichlorobenzene	10	U	5.0	10	10	ug/L	10	15-Jan-2021 23:50
1,2-Dibromoethane	5.0	U	2.0	5.0	10	ug/L	10	15-Jan-2021 23:50
1,2-Dichloroethane	5.0	U	2.0	5.0	10	ug/L	10	15-Jan-2021 23:50
1,3,5-Trimethylbenzene	**130**		**3.0**	**10**	**10**	**ug/L**	10	15-Jan-2021 23:50
2-Butanone	10	U	5.0	10	20	ug/L	10	15-Jan-2021 23:50
2-Chlorotoluene	10	U	3.0	10	10	ug/L	10	15-Jan-2021 23:50
2-Hexanone	20	U	10	20	20	ug/L	10	15-Jan-2021 23:50
4-Isopropyltoluene	10	U	3.0	10	10	ug/L	10	15-Jan-2021 23:50
4-Methyl-2-pentanone	20	U	7.0	20	20	ug/L	10	15-Jan-2021 23:50
Acetone	20	U	4.0	20	20	ug/L	10	15-Jan-2021 23:50
Benzene	**4,800**		**20**	**50**	**100**	**ug/L**	100	16-Jan-2021 01:56
Carbon disulfide	20	U	6.0	20	20	ug/L	10	15-Jan-2021 23:50
Chloromethane	5.0	U	2.0	5.0	10	ug/L	10	15-Jan-2021 23:50
cis-1,2-Dichloroethene	5.0	U	2.0	5.0	10	ug/L	10	15-Jan-2021 23:50
Dichlorodifluoromethane	10	U	3.0	10	10	ug/L	10	15-Jan-2021 23:50
Ethylbenzene	**1,400**		**3.0**	**10**	**10**	**ug/L**	10	15-Jan-2021 23:50
Isopropylbenzene	**98**		**3.0**	**10**	**10**	**ug/L**	10	15-Jan-2021 23:50
m,p-Xylene	**3,300**		**5.0**	**10**	**20**	**ug/L**	10	15-Jan-2021 23:50
Methyl tert-butyl ether	5.0	U	2.0	5.0	10	ug/L	10	15-Jan-2021 23:50
Methylene chloride	20	U	4.0	20	20	ug/L	10	15-Jan-2021 23:50
n-Butylbenzene	10	U	4.0	10	10	ug/L	10	15-Jan-2021 23:50
n-Propylbenzene	**87**		**3.0**	**10**	**10**	**ug/L**	10	15-Jan-2021 23:50
Naphthalene	**120**		**3.0**	**10**	**10**	**ug/L**	10	15-Jan-2021 23:50
o-Xylene	**1,400**		**3.0**	**10**	**10**	**ug/L**	10	15-Jan-2021 23:50
sec-Butylbenzene	**20**		**3.0**	**10**	**10**	**ug/L**	10	15-Jan-2021 23:50
tert-Butylbenzene	10	U	3.0	10	10	ug/L	10	15-Jan-2021 23:50
Tetrachloroethene	10	U	3.0	10	10	ug/L	10	15-Jan-2021 23:50
Toluene	**8,300**		**20**	**50**	**100**	**ug/L**	100	16-Jan-2021 01:56
trans-1,2-Dichloroethene	5.0	U	2.0	5.0	10	ug/L	10	15-Jan-2021 23:50
Trichloroethene	5.0	U	2.0	5.0	10	ug/L	10	15-Jan-2021 23:50
Trichlorofluoromethane	10	U	3.0	10	10	ug/L	10	15-Jan-2021 23:50
Vinyl chloride	5.0	U	2.0	5.0	10	ug/L	10	15-Jan-2021 23:50
Xylenes, Total	**4,700**		**3.0**	**10**	**10**	**ug/L**	10	15-Jan-2021 23:50
Surr: 1,2-Dichloroethane-d4	*89.0*			**0**	*81-118*	*%REC*	*10*	*15-Jan-2021 23:50*
Surr: 1,2-Dichloroethane-d4	*87.3*			**0**	*81-118*	*%REC*	*100*	*16-Jan-2021 01:56*
Surr: 4-Bromofluorobenzene	*107*			**0**	*85-114*	*%REC*	*10*	*15-Jan-2021 23:50*
Surr: 4-Bromofluorobenzene	*102*			**0**	*85-114*	*%REC*	*100*	*16-Jan-2021 01:56*
Surr: Dibromofluoromethane	*93.0*			**0**	*80-119*	*%REC*	*10*	*15-Jan-2021 23:50*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010463
Sample ID: 106MW1S-LTM-011221 Lab ID:HS21010463-03
Collection Date: 12-Jan-2021 13:58 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C		**Method:SW8260**						Analyst: PC
Surr: Dibromofluoromethane	*91.6*			**0**	*80-119*	*%REC*	*100*	*16-Jan-2021 01:56*
Surr: Toluene-d8	*102*			**0**	*89-112*	*%REC*	*100*	*16-Jan-2021 01:56*
Surr: Toluene-d8	*104*			**0**	*89-112*	*%REC*	*10*	*15-Jan-2021 23:50*
EDB-DBCP BY SW8011		**Method:SW8011**				Prep:SW8011 / 18-Jan-2021		Analyst: JBA
1,2-Dibromoethane	**0.28**		**0.0031**	**0.010**	**0.021**	**ug/L**	1	19-Jan-2021 02:40
METALS BY ICPMS BY SW6020A		**Method:SW6020**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Lead	0.00100	U	0.000600	0.00100	0.00500	mg/L	1	27-Jan-2021 00:36
DISSOLVED METALS BY SW6020A		**Method:SW6020 (dissolved)**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Iron	**7.26**		**0.0120**	**0.0500**	**0.200**	**mg/L**	1	27-Jan-2021 01:23
Manganese	**5.92**		**0.0350**	**0.125**	**0.250**	**mg/L**	50	27-Jan-2021 12:49
ORTHO PHOSPHATE (PO4) AS P BY E365.3		**Method:E365.3**						Analyst: MZD
Phosphorus, Dissolved Orthophosphate (As P)	0.0250	aU	0.0100	0.0250	0.0250	mg/L	1	13-Jan-2021 09:30
ALKALINITY BY SM2320B		**Method:SM2320B**						Analyst: TH
Alkalinity, Total (As CaCO3)	**546**	a	**5.00**	**5.00**	**5.00**	**mg/L**	1	14-Jan-2021 22:58
ANIONS BY SW9056A		**Method:SW9056**						Analyst: YP
Bromide	**1.58**		**0.0300**	**0.100**	**0.100**	**mg/L**	1	13-Jan-2021 17:50
Chloride	**85.5**		**0.200**	**0.500**	**0.500**	**mg/L**	1	13-Jan-2021 17:50
Nitrogen, Nitrate (As N)	**0.0761**	J	**0.0300**	**0.100**	**0.100**	**mg/L**	1	13-Jan-2021 17:50
Nitrogen, Nitrite (As N)	0.100	U	0.0300	0.100	0.100	mg/L	1	13-Jan-2021 17:50
Sulfate	**0.368**	J	**0.200**	**0.500**	**0.500**	**mg/L**	1	13-Jan-2021 17:50
SUBCONTRACT ANALYSIS - IODIDE		**Method:NA**						Analyst: SUB
Subcontract Analysis	See Attached		0	0		NA	1	19-Jan-2021 10:27

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010463
Sample ID: 106IN1-LTM-011221 Lab ID:HS21010463-04
Collection Date: 12-Jan-2021 13:40 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C	**Method:SW8260**							Analyst: PC
1,1,2-Trichloroethane	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 22:05
1,2,4-Trichlorobenzene	5.0	U	2.5	5.0	5.0	ug/L	5	15-Jan-2021 22:05
1,2-Dibromoethane	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 22:05
1,2-Dichloroethane	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 22:05
1,3,5-Trimethylbenzene	**39**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 22:05
2-Butanone	5.0	U	2.5	5.0	10	ug/L	5	15-Jan-2021 22:05
2-Chlorotoluene	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 22:05
2-Hexanone	10	U	5.0	10	10	ug/L	5	15-Jan-2021 22:05
4-Isopropyltoluene	**41**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 22:05
4-Methyl-2-pentanone	10	U	3.5	10	10	ug/L	5	15-Jan-2021 22:05
Acetone	10	U	2.0	10	10	ug/L	5	15-Jan-2021 22:05
Benzene	**850**		**1.0**	**2.5**	**5.0**	**ug/L**	5	15-Jan-2021 22:05
Carbon disulfide	10	U	3.0	10	10	ug/L	5	15-Jan-2021 22:05
Chloromethane	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 22:05
cis-1,2-Dichloroethene	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 22:05
Dichlorodifluoromethane	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 22:05
Ethylbenzene	**310**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 22:05
Isopropylbenzene	**75**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 22:05
m,p-Xylene	**500**		**2.5**	**5.0**	**10**	**ug/L**	5	15-Jan-2021 22:05
Methyl tert-butyl ether	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 22:05
Methylene chloride	10	U	2.0	10	10	ug/L	5	15-Jan-2021 22:05
n-Butylbenzene	**6.7**		**2.0**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 22:05
n-Propylbenzene	**48**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 22:05
Naphthalene	**47**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 22:05
o-Xylene	**260**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 22:05
sec-Butylbenzene	**7.9**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 22:05
tert-Butylbenzene	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 22:05
Tetrachloroethene	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 22:05
Toluene	**3.9**	J	**1.0**	**2.5**	**5.0**	**ug/L**	5	15-Jan-2021 22:05
trans-1,2-Dichloroethene	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 22:05
Trichloroethene	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 22:05
Trichlorofluoromethane	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 22:05
Vinyl chloride	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 22:05
Xylenes, Total	**750**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 22:05
Surr: 1,2-Dichloroethane-d4	*88.1*			**0**	*81-118*	*%REC*	*5*	*15-Jan-2021 22:05*
Surr: 4-Bromofluorobenzene	*102*			**0**	*85-114*	*%REC*	*5*	*15-Jan-2021 22:05*
Surr: Dibromofluoromethane	*92.4*			**0**	*80-119*	*%REC*	*5*	*15-Jan-2021 22:05*
Surr: Toluene-d8	*103*			**0**	*89-112*	*%REC*	*5*	*15-Jan-2021 22:05*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
Sample ID: 106IN1-LTM-011221
Collection Date: 12-Jan-2021 13:40

ANALYTICAL REPORT
WorkOrder:HS21010463
Lab ID:HS21010463-04
Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
EDB-DBCP BY SW8011		**Method:SW8011**				Prep:SW8011 / 18-Jan-2021		Analyst: JBA
1,2-Dibromoethane	0.010	U	0.0031	0.010	0.021	ug/L	1	19-Jan-2021 03:04
METALS BY ICPMS BY SW6020A		**Method:SW6020**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Lead	**0.00570**		**0.000600**	**0.00100**	**0.00500**	**mg/L**	1	27-Jan-2021 00:38
DISSOLVED METALS BY SW6020A		**Method:SW6020 (dissolved)**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Iron	**0.794**		**0.0120**	**0.0500**	**0.200**	**mg/L**	1	27-Jan-2021 01:26
Manganese	**5.09**		**0.0350**	**0.125**	**0.250**	**mg/L**	50	27-Jan-2021 12:51
ORTHO PHOSPHATE (PO4) AS P BY E365.3		**Method:E365.3**						Analyst: MZD
Phosphorus, Dissolved Orthophosphate (As P)	**3.82**	a	**0.0500**	**0.125**	**0.125**	**mg/L**	5	13-Jan-2021 09:30
ALKALINITY BY SM2320B		**Method:SM2320B**						Analyst: TH
Alkalinity, Total (As CaCO3)	**2,100**	a	**5.00**	**5.00**	**5.00**	**mg/L**	1	14-Jan-2021 23:11
ANIONS BY SW9056A		**Method:SW9056**						Analyst: YP
Bromide	**1.10**		**0.0300**	**0.100**	**0.100**	**mg/L**	1	13-Jan-2021 18:08
Chloride	**66.7**		**0.200**	**0.500**	**0.500**	**mg/L**	1	13-Jan-2021 18:08
Nitrogen, Nitrate (As N)	**0.0593**	J	**0.0300**	**0.100**	**0.100**	**mg/L**	1	13-Jan-2021 18:08
Nitrogen, Nitrite (As N)	0.100	U	0.0300	0.100	0.100	mg/L	1	13-Jan-2021 18:08
Sulfate	**0.917**		**0.200**	**0.500**	**0.500**	**mg/L**	1	13-Jan-2021 18:08
SUBCONTRACT ANALYSIS - IODIDE		**Method:NA**						Analyst: SUB
Subcontract Analysis	See Attached		0	0		NA	1	19-Jan-2021 10:27

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010463
Sample ID: TB-011221 Lab ID:HS21010463-05
Collection Date: 12-Jan-2021 15:00 Matrix:Water

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C	**Method:SW8260**							Analyst: PC
1,1,2-Trichloroethane	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 19:58
1,2,4-Trichlorobenzene	1.0	U	0.50	1.0	1.0	ug/L	1	15-Jan-2021 19:58
1,2-Dibromoethane	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 19:58
1,2-Dichloroethane	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 19:58
1,3,5-Trimethylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 19:58
2-Butanone	1.0	U	0.50	1.0	2.0	ug/L	1	15-Jan-2021 19:58
2-Chlorotoluene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 19:58
2-Hexanone	2.0	U	1.0	2.0	2.0	ug/L	1	15-Jan-2021 19:58
4-Isopropyltoluene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 19:58
4-Methyl-2-pentanone	2.0	U	0.70	2.0	2.0	ug/L	1	15-Jan-2021 19:58
Acetone	2.0	U	0.40	2.0	2.0	ug/L	1	15-Jan-2021 19:58
Benzene	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 19:58
Carbon disulfide	2.0	U	0.60	2.0	2.0	ug/L	1	15-Jan-2021 19:58
Chloromethane	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 19:58
cis-1,2-Dichloroethene	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 19:58
Dichlorodifluoromethane	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 19:58
Ethylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 19:58
Isopropylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 19:58
m,p-Xylene	1.0	U	0.50	1.0	2.0	ug/L	1	15-Jan-2021 19:58
Methyl tert-butyl ether	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 19:58
Methylene chloride	2.0	U	0.40	2.0	2.0	ug/L	1	15-Jan-2021 19:58
n-Butylbenzene	1.0	U	0.40	1.0	1.0	ug/L	1	15-Jan-2021 19:58
n-Propylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 19:58
Naphthalene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 19:58
o-Xylene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 19:58
sec-Butylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 19:58
tert-Butylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 19:58
Tetrachloroethene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 19:58
Toluene	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 19:58
trans-1,2-Dichloroethene	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 19:58
Trichloroethene	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 19:58
Trichlorofluoromethane	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 19:58
Vinyl chloride	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 19:58
Xylenes, Total	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 19:58
Surr: 1,2-Dichloroethane-d4	*89.1*			**0**	*81-118*	*%REC*	*1*	*15-Jan-2021 19:58*
Surr: 4-Bromofluorobenzene	*98.1*			**0**	*85-114*	*%REC*	*1*	*15-Jan-2021 19:58*
Surr: Dibromofluoromethane	*93.4*			**0**	*80-119*	*%REC*	*1*	*15-Jan-2021 19:58*
Surr: Toluene-d8	*106*			**0**	*89-112*	*%REC*	*1*	*15-Jan-2021 19:58*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Weight / Prep Log

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

Batch ID: 161551 **Start Date:** 14 Jan 2021 07:40 **End Date:** 14 Jan 2021 17:45
Method: SAMPLE FILTRATION - 0.45 MICRON FILTER **Prep Code:** FILTRATION

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21010463-04		100 (mL)	100 (mL)	1	120 ml Plastic, Neat

Batch ID: 161670 **Start Date:** 18 Jan 2021 11:30 **End Date:** 18 Jan 2021 14:00
Method: AQPREP: 8011 EDB **Prep Code:** 8011_WPR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21010463-01		35 (mL)	37.12 (mL)	1.061	40 mL VOA vial, Neat
HS21010463-02		35 (mL)	36.46 (mL)	1.042	40 mL VOA vial, Neat
HS21010463-03		35 (mL)	36.47 (mL)	1.042	40 mL VOA vial, Neat
HS21010463-04		35 (mL)	36.64 (mL)	1.047	40 mL VOA vial, Neat

Batch ID: 161677 **Start Date:** 19 Jan 2021 09:00 **End Date:** 19 Jan 2021 13:00
Method: WATER - SW3010A **Prep Code:** 3010A

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21010463-01		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21010463-02		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21010463-03		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21010463-04		10 (mL)	10 (mL)	1	120 plastic HNO3

Batch ID: 161680 **Start Date:** 19 Jan 2021 12:00 **End Date:** 19 Jan 2021 16:00
Method: DISS METALS PREP - WATER - SW3010A **Prep Code:** 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21010463-01		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21010463-02		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21010463-03		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21010463-04		10 (mL)	10 (mL)	1	120 ml Plastic, Neat

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 161670 (0)	**Test Name :** EDB-DBCP BY SW8011				**Matrix:** Groundwater	
HS21010463-01	106MW1I-LTM-011211	12 Jan 2021 10:35		18 Jan 2021 11:30	19 Jan 2021 01:51	1
HS21010463-02	106EX1-LTM-011221	12 Jan 2021 10:55		18 Jan 2021 11:30	19 Jan 2021 02:15	1
HS21010463-03	106MW1S-LTM-011221	12 Jan 2021 13:58		18 Jan 2021 11:30	19 Jan 2021 02:40	1
HS21010463-04	106IN1-LTM-011221	12 Jan 2021 13:40		18 Jan 2021 11:30	19 Jan 2021 03:04	1
Batch ID: 161677 (0)	**Test Name :** METALS BY ICPMS BY SW6020A				**Matrix:** Groundwater	
HS21010463-01	106MW1I-LTM-011211	12 Jan 2021 10:35		19 Jan 2021 13:00	27 Jan 2021 00:32	1
HS21010463-02	106EX1-LTM-011221	12 Jan 2021 10:55		19 Jan 2021 13:00	27 Jan 2021 00:34	1
HS21010463-03	106MW1S-LTM-011221	12 Jan 2021 13:58		19 Jan 2021 13:00	27 Jan 2021 00:36	1
HS21010463-04	106IN1-LTM-011221	12 Jan 2021 13:40		19 Jan 2021 13:00	27 Jan 2021 00:38	1
Batch ID: 161680 (0)	**Test Name :** DISSOLVED METALS BY SW6020A				**Matrix:** Groundwater	
HS21010463-01	106MW1I-LTM-011211	12 Jan 2021 10:35		19 Jan 2021 16:00	27 Jan 2021 12:38	50
HS21010463-01	106MW1I-LTM-011211	12 Jan 2021 10:35		19 Jan 2021 16:00	27 Jan 2021 01:19	1
HS21010463-02	106EX1-LTM-011221	12 Jan 2021 10:55		19 Jan 2021 16:00	27 Jan 2021 12:47	50
HS21010463-02	106EX1-LTM-011221	12 Jan 2021 10:55		19 Jan 2021 16:00	27 Jan 2021 01:21	1
HS21010463-03	106MW1S-LTM-011221	12 Jan 2021 13:58		19 Jan 2021 16:00	27 Jan 2021 12:49	50
HS21010463-03	106MW1S-LTM-011221	12 Jan 2021 13:58		19 Jan 2021 16:00	27 Jan 2021 01:23	1
HS21010463-04	106IN1-LTM-011221	12 Jan 2021 13:40		19 Jan 2021 16:00	27 Jan 2021 12:51	50
HS21010463-04	106IN1-LTM-011221	12 Jan 2021 13:40		19 Jan 2021 16:00	27 Jan 2021 01:26	1
Batch ID: R376248 (0)	**Test Name :** ORTHO PHOSPHATE (PO4) AS P BY E365.3				**Matrix:** Groundwater	
HS21010463-01	106MW1I-LTM-011211	12 Jan 2021 10:35			13 Jan 2021 09:30	1
HS21010463-02	106EX1-LTM-011221	12 Jan 2021 10:55			13 Jan 2021 09:30	1
HS21010463-03	106MW1S-LTM-011221	12 Jan 2021 13:58			13 Jan 2021 09:30	1
HS21010463-04	106IN1-LTM-011221	12 Jan 2021 13:40			13 Jan 2021 09:30	5
Batch ID: R376323 (0)	**Test Name :** ANIONS BY SW9056A				**Matrix:** Groundwater	
HS21010463-01	106MW1I-LTM-011211	12 Jan 2021 10:35			13 Jan 2021 17:14	1
HS21010463-02	106EX1-LTM-011221	12 Jan 2021 10:55			13 Jan 2021 17:32	1
HS21010463-03	106MW1S-LTM-011221	12 Jan 2021 13:58			13 Jan 2021 17:50	1
HS21010463-04	106IN1-LTM-011221	12 Jan 2021 13:40			13 Jan 2021 18:08	1
Batch ID: R376366 (0)	**Test Name :** ALKALINITY BY SM2320B				**Matrix:** Groundwater	
HS21010463-01	106MW1I-LTM-011211	12 Jan 2021 10:35			14 Jan 2021 22:44	1
HS21010463-02	106EX1-LTM-011221	12 Jan 2021 10:55			14 Jan 2021 22:51	1
HS21010463-03	106MW1S-LTM-011221	12 Jan 2021 13:58			14 Jan 2021 22:58	1
HS21010463-04	106IN1-LTM-011221	12 Jan 2021 13:40			14 Jan 2021 23:11	1
Batch ID: R376447 (0)	**Test Name :** VOLATILES ORGANICS BY METHOD 8260C				**Matrix:** Water	
HS21010463-05	TB-011221	12 Jan 2021 15:00			15 Jan 2021 19:58	1

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R376447 (0)	**Test Name :** VOLATILES ORGANICS BY METHOD 8260C				**Matrix:** Groundwater	
HS21010463-01	106MW1I-LTM-011211	12 Jan 2021 10:35			15 Jan 2021 20:40	1
HS21010463-02	106EX1-LTM-011221	12 Jan 2021 10:55			16 Jan 2021 01:14	25
HS21010463-02	106EX1-LTM-011221	12 Jan 2021 10:55			15 Jan 2021 21:23	5
HS21010463-03	106MW1S-LTM-011221	12 Jan 2021 13:58			16 Jan 2021 01:56	100
HS21010463-03	106MW1S-LTM-011221	12 Jan 2021 13:58			15 Jan 2021 23:50	10
HS21010463-04	106IN1-LTM-011221	12 Jan 2021 13:40			15 Jan 2021 22:05	5
Batch ID: R376525 (0)	**Test Name :** SUBCONTRACT ANALYSIS - IODIDE				**Matrix:** Groundwater	
HS21010463-01	106MW1I-LTM-011211	12 Jan 2021 10:35			19 Jan 2021 10:27	1
HS21010463-02	106EX1-LTM-011221	12 Jan 2021 10:55			19 Jan 2021 10:27	1
HS21010463-03	106MW1S-LTM-011221	12 Jan 2021 13:58			19 Jan 2021 10:27	1
HS21010463-04	106IN1-LTM-011221	12 Jan 2021 13:40			19 Jan 2021 10:27	1

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

QC BATCH REPORT

Batch ID: 161670 (0) **Instrument: ECD_15** **Method: EDB-DBCP BY SW8011**

MBLK Sample ID: **MBLK-161670** Units: **ug/L** Analysis Date: **18-Jan-2021 19:20**
Client ID: Run ID: **ECD_15_376683** SeqNo: **5925953** PrepDate: **18-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.010	0.020								U

LCS Sample ID: **LCS-161670** Units: **ug/L** Analysis Date: **18-Jan-2021 19:45**
Client ID: Run ID: **ECD_15_376683** SeqNo: **5925954** PrepDate: **18-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.1953	0.020	0.2	0	97.6	60 - 140				

LCSD Sample ID: **LCSD-161670** Units: **ug/L** Analysis Date: **18-Jan-2021 20:09**
Client ID: Run ID: **ECD_15_376683** SeqNo: **5925955** PrepDate: **18-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.1953	0.020	0.2	0	97.6	60 - 140	0.1953	0.00615	20	

MS Sample ID: **HS21010577-01MS** Units: **ug/L** Analysis Date: **18-Jan-2021 20:58**
Client ID: Run ID: **ECD_15_376683** SeqNo: **5925957** PrepDate: **18-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.1603	0.021	0.2	0.04346	58.4	60 - 140				S

MSD Sample ID: **HS21010577-01MSD** Units: **ug/L** Analysis Date: **18-Jan-2021 21:22**
Client ID: Run ID: **ECD_15_376683** SeqNo: **5925958** PrepDate: **18-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.1586	0.021	0.2	0.04346	57.6	60 - 140	0.1603	1.05	20	S

The following samples were analyzed in this batch: HS21010463-01 HS21010463-02 HS21010463-03 HS21010463-04

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

QC BATCH REPORT

Batch ID: 161677 (0) **Instrument: ICPMS05** **Method: METALS BY ICPMS BY SW6020A**

MBLK Sample ID: **MBLK-161677** Units: **mg/L** Analysis Date: **26-Jan-2021 23:55**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5931997** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.00100	0.00500								U

LCS Sample ID: **LCS-161677** Units: **mg/L** Analysis Date: **26-Jan-2021 23:57**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5931998** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.04591	0.00500	0.05	0	91.8	88 - 115				

MS Sample ID: **HS21010577-01MS** Units: **mg/L** Analysis Date: **27-Jan-2021 00:03**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932001** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.04059	0.00500	0.05	0.000143	80.9	88 - 115				S

MSD Sample ID: **HS21010577-01MSD** Units: **mg/L** Analysis Date: **27-Jan-2021 00:05**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932002** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.04409	0.00500	0.05	0.000143	87.9	88 - 115	0.04059	8.27	20	S

PDS Sample ID: **HS21010577-01PDS** Units: **mg/L** Analysis Date: **27-Jan-2021 00:07**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932003** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.08662	0.00500	0.1	0.000143	86.5	80 - 120				

SD Sample ID: **HS21010577-01SD** Units: **mg/L** Analysis Date: **27-Jan-2021 00:01**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932000** PrepDate: **19-Jan-2021** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Lead	0.00500	0.0250					0.000143	0	10	U

The following samples were analyzed in this batch: HS21010463-01 HS21010463-02 HS21010463-03 HS21010463-04

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

QC BATCH REPORT

Batch ID: 161680 (0) **Instrument: ICPMS05** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

MBLK Sample ID: **MBLKF1-161680** Units: **mg/L** Analysis Date: **27-Jan-2021 00:49**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932074** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	0.0500	0.200								U
Manganese	0.00250	0.00500								U

MBLK Sample ID: **MBLK-161680** Units: **mg/L** Analysis Date: **27-Jan-2021 00:47**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932073** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	0.01371	0.200								J
Manganese	0.000758	0.00500								J

LCS Sample ID: **LCS-161680** Units: **mg/L** Analysis Date: **27-Jan-2021 00:51**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932075** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.584	0.200	5	0	91.7	80 - 120				
Manganese	0.04599	0.00500	0.05	0	92.0	80 - 120				

MS Sample ID: **HS21010577-01MS** Units: **mg/L** Analysis Date: **27-Jan-2021 00:58**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932078** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	14.65	0.200	5	10.78	77.2	75 - 125				
Manganese	7.161	0.00500	0.05	7.492	-663	75 - 125				SEO

MSD Sample ID: **HS21010577-01MSD** Units: **mg/L** Analysis Date: **27-Jan-2021 01:00**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932057** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	15.3	0.200	5	10.78	90.2	75 - 125	14.65	4.34	20	
Manganese	7.464	0.00500	0.05	7.492	-56.8	75 - 125	7.161	4.14	20	SEO

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

QC BATCH REPORT

Batch ID: 161680 (0) **Instrument: ICPMS05** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

PDS Sample ID: **HS21010577-01PDS** Units: **mg/L** Analysis Date: **27-Jan-2021 01:02**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932058** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	19.24	0.200	10	10.78	84.5	75 - 125				

PDS Sample ID: **HS21010577-01PDS** Units: **mg/L** Analysis Date: **27-Jan-2021 12:26**
Client ID: Run ID: **ICPMS05_377005** SeqNo: **5932758** PrepDate: **19-Jan-2021** DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Manganese	17.57	0.500	10	8.489	90.8	75 - 125				

SD Sample ID: **HS21010577-01SD** Units: **mg/L** Analysis Date: **27-Jan-2021 00:56**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932077** PrepDate: **19-Jan-2021** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Iron	10.86	1.00					10.78	0.655	10	

SD Sample ID: **HS21010577-01SD** Units: **mg/L** Analysis Date: **27-Jan-2021 12:24**
Client ID: Run ID: **ICPMS05_377005** SeqNo: **5932757** PrepDate: **19-Jan-2021** DF: **500**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Manganese	9.049	2.50					8.489	6.6	10	

The following samples were analyzed in this batch: HS21010463-01 HS21010463-02 HS21010463-03 HS21010463-04

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

QC BATCH REPORT

Batch ID: R376447 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MBLK Sample ID: **VBLKW-210115** Units: **ug/L** Analysis Date: **15-Jan-2021 18:55**
Client ID: Run ID: **VOA6_376447** SeqNo: **5921371** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,2-Trichloroethane	1.0	1.0								U
1,2,4-Trichlorobenzene	1.0	1.0								U
1,2-Dibromoethane	0.50	1.0								U
1,2-Dichloroethane	0.50	1.0								U
1,3,5-Trimethylbenzene	1.0	1.0								U
2-Butanone	1.0	2.0								U
2-Chlorotoluene	1.0	1.0								U
2-Hexanone	2.0	2.0								U
4-Isopropyltoluene	1.0	1.0								U
4-Methyl-2-pentanone	2.0	2.0								U
Acetone	2.0	2.0								U
Benzene	0.50	1.0								U
Carbon disulfide	2.0	2.0								U
Chloromethane	0.50	1.0								U
cis-1,2-Dichloroethene	0.50	1.0								U
Dichlorodifluoromethane	1.0	1.0								U
Ethylbenzene	1.0	1.0								U
Isopropylbenzene	1.0	1.0								U
m,p-Xylene	1.0	2.0								U
Methyl tert-butyl ether	0.50	1.0								U
Methylene chloride	2.0	2.0								U
Naphthalene	1.0	1.0								U
n-Butylbenzene	1.0	1.0								U
n-Propylbenzene	1.0	1.0								U
o-Xylene	1.0	1.0								U
sec-Butylbenzene	1.0	1.0								U
tert-Butylbenzene	1.0	1.0								U
Tetrachloroethene	1.0	1.0								U
Toluene	0.50	1.0								U
trans-1,2-Dichloroethene	0.50	1.0								U
Trichloroethene	0.50	1.0								U
Trichlorofluoromethane	1.0	1.0								U
Vinyl chloride	0.50	1.0								U
Xylenes, Total	1.0	1.0								U

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

QC BATCH REPORT

Batch ID: R376447 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MBLK Sample ID: **VBLKW-210115** Units: **ug/L** Analysis Date: **15-Jan-2021 18:55**
Client ID: Run ID: **VOA6_376447** SeqNo: **5921371** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	*44.99*	*1.0*	*50*	*0*	*90.0*	*81 - 118*				
Surr: 4-Bromofluorobenzene	*50.99*	*1.0*	*50*	*0*	*102*	*85 - 114*				
Surr: Dibromofluoromethane	*46.52*	*1.0*	*50*	*0*	*93.0*	*80 - 119*				
Surr: Toluene-d8	*51.98*	*1.0*	*50*	*0*	*104*	*89 - 112*				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

QC BATCH REPORT

Batch ID: R376447 (0) **Instrument: VOA6** **Method: VOLATILES ORGANICS BY METHOD 8260C**

LCS Sample ID: **VLCSW-210115** Units: **ug/L** Analysis Date: **15-Jan-2021 17:52**
Client ID: Run ID: **VOA6_376447** SeqNo: **5921370** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,2-Trichloroethane	19.62	1.0	20	0	98.1	80 - 119				
1,2,4-Trichlorobenzene	19.88	1.0	20	0	99.4	69 - 130				
1,2-Dibromoethane	19.68	1.0	20	0	98.4	77 - 121				
1,2-Dichloroethane	18.72	1.0	20	0	93.6	73 - 128				
1,3,5-Trimethylbenzene	19.44	1.0	20	0	97.2	75 - 124				
2-Butanone	40.47	2.0	40	0	101	56 - 143				
2-Chlorotoluene	19.2	1.0	20	0	96.0	79 - 122				
2-Hexanone	36.09	2.0	40	0	90.2	57 - 139				
4-Isopropyltoluene	20.05	1.0	20	0	100	77 - 127				
4-Methyl-2-pentanone	36.64	2.0	40	0	91.6	67 - 130				
Acetone	45.42	2.0	40	0	114	39 - 160				
Benzene	19.92	1.0	20	0	99.6	79 - 120				
Carbon disulfide	39.76	2.0	40	0	99.4	64 - 133				
Chloromethane	20.55	1.0	20	0	103	50 - 139				
cis-1,2-Dichloroethene	20.22	1.0	20	0	101	78 - 123				
Dichlorodifluoromethane	21.84	1.0	20	0	109	32 - 152				
Ethylbenzene	20.54	1.0	20	0	103	79 - 121				
Isopropylbenzene	20.28	1.0	20	0	101	72 - 131				
m,p-Xylene	40.83	2.0	40	0	102	80 - 121				
Methyl tert-butyl ether	16.65	1.0	20	0	83.3	71 - 124				
Methylene chloride	20.08	2.0	20	0	100	74 - 124				
Naphthalene	18.81	1.0	20	0	94.0	61 - 128				
n-Butylbenzene	20.04	1.0	20	0	100	75 - 128				
n-Propylbenzene	19.3	1.0	20	0	96.5	76 - 126				
o-Xylene	20.17	1.0	20	0	101	78 - 122				
sec-Butylbenzene	19.43	1.0	20	0	97.1	77 - 126				
tert-Butylbenzene	24.05	1.0	20	0	120	78 - 124				
Tetrachloroethene	20.02	1.0	20	0	100	74 - 129				
Toluene	19.75	1.0	20	0	98.7	80 - 121				
trans-1,2-Dichloroethene	20.38	1.0	20	0	102	75 - 124				
Trichloroethene	20.65	1.0	20	0	103	79 - 123				
Trichlorofluoromethane	19.8	1.0	20	0	99.0	65 - 141				
Vinyl chloride	19.96	1.0	20	0	99.8	58 - 137				
Xylenes, Total	60.99	1.0	60	0	102	78 - 122				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

QC BATCH REPORT

Batch ID: R376447 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

LCS Sample ID: **VLCSW-210115** Units: **ug/L** Analysis Date: **15-Jan-2021 17:52**
Client ID: Run ID: **VOA6_376447** SeqNo: **5921370** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	*51.42*	*1.0*	*50*	*0*	*103*	*81 - 118*				
Surr: 4-Bromofluorobenzene	*53.28*	*1.0*	*50*	*0*	*107*	*85 - 114*				
Surr: Dibromofluoromethane	*50.54*	*1.0*	*50*	*0*	*101*	*80 - 119*				
Surr: Toluene-d8	*50.2*	*1.0*	*50*	*0*	*100*	*89 - 112*				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

QC BATCH REPORT

Batch ID: R376447 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MS Sample ID: **HS21010577-01MS** Units: **ug/L** Analysis Date: **16-Jan-2021 00:11**
Client ID: Run ID: **VOA6_376447** SeqNo: **5921382** PrepDate: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,2-Trichloroethane	878.1	50	1000	0	87.8	80 - 119				
1,2,4-Trichlorobenzene	890.4	50	1000	0	89.0	69 - 130				
1,2-Dibromoethane	889.6	50	1000	0	89.0	77 - 121				
1,2-Dichloroethane	826	50	1000	0	82.6	73 - 128				
1,3,5-Trimethylbenzene	1040	50	1000	60.72	97.9	75 - 124				
2-Butanone	1401	100	2000	0	70.0	56 - 143				
2-Chlorotoluene	957.5	50	1000	0	95.8	79 - 122				
2-Hexanone	1494	100	2000	0	74.7	57 - 139				
4-Isopropyltoluene	1090	50	1000	0	109	77 - 127				
4-Methyl-2-pentanone	1550	100	2000	0	77.5	67 - 130				
Acetone	1251	100	2000	0	62.6	39 - 160				
Benzene	3280	50	1000	2348	93.2	79 - 120				
Carbon disulfide	1726	100	2000	0	86.3	64 - 133				
Chloromethane	861.9	50	1000	0	86.2	50 - 139				
cis-1,2-Dichloroethene	857.3	50	1000	0	85.7	78 - 123				
Dichlorodifluoromethane	925.6	50	1000	0	92.6	32 - 152				
Ethylbenzene	1626	50	1000	633.5	99.2	79 - 121				
Isopropylbenzene	1094	50	1000	103.4	99.1	72 - 131				
m,p-Xylene	3181	100	2000	1185	99.8	80 - 121				
Methyl tert-butyl ether	729.3	50	1000	0	72.9	71 - 124				
Methylene chloride	832.6	100	1000	0	83.3	74 - 124				
Naphthalene	1013	50	1000	106.5	90.7	61 - 128				
n-Butylbenzene	1009	50	1000	0	101	75 - 128				
n-Propylbenzene	1061	50	1000	64.39	99.7	76 - 126				
o-Xylene	1659	50	1000	684.1	97.5	78 - 122				
sec-Butylbenzene	1052	50	1000	0	105	77 - 126				
tert-Butylbenzene	1263	50	1000	0	126	78 - 124				S
Tetrachloroethene	1020	50	1000	0	102	74 - 129				
Toluene	1030	50	1000	0	103	80 - 121				
trans-1,2-Dichloroethene	883.9	50	1000	0	88.4	75 - 124				
Trichloroethene	930.7	50	1000	0	93.1	79 - 123				
Trichlorofluoromethane	951.3	50	1000	0	95.1	65 - 141				
Vinyl chloride	903.7	50	1000	0	90.4	58 - 137				
Xylenes, Total	4840	50	3000	1869	99.0	78 - 122				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

QC BATCH REPORT

Batch ID: R376447 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MS Sample ID: **HS21010577-01MS** Units: **ug/L** Analysis Date: **16-Jan-2021 00:11**
Client ID: Run ID: **VOA6_376447** SeqNo: **5921382** PrepDate: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	*2155*	*50*	*2500*	*0*	*86.2*	*81 - 118*				
Surr: 4-Bromofluorobenzene	*2509*	*50*	*2500*	*0*	*100*	*85 - 114*				
Surr: Dibromofluoromethane	*2325*	*50*	*2500*	*0*	*93.0*	*80 - 119*				
Surr: Toluene-d8	*2504*	*50*	*2500*	*0*	*100*	*89 - 112*				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

QC BATCH REPORT

Batch ID: R376447 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MSD Sample ID: **HS21010577-01MSD** Units: **ug/L** Analysis Date: **16-Jan-2021 00:32**
Client ID: Run ID: **VOA6_376447** SeqNo: **5921383** PrepDate: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,2-Trichloroethane	841.3	50	1000	0	84.1	80 - 119	878.1	4.28	20	
1,2,4-Trichlorobenzene	874.1	50	1000	0	87.4	69 - 130	890.4	1.84	20	
1,2-Dibromoethane	861.2	50	1000	0	86.1	77 - 121	889.6	3.25	20	
1,2-Dichloroethane	813.1	50	1000	0	81.3	73 - 128	826	1.57	20	
1,3,5-Trimethylbenzene	995.5	50	1000	60.72	93.5	75 - 124	1040	4.32	20	
2-Butanone	1455	100	2000	0	72.8	56 - 143	1401	3.8	20	
2-Chlorotoluene	927.1	50	1000	0	92.7	79 - 122	957.5	3.22	20	
2-Hexanone	1573	100	2000	0	78.7	57 - 139	1494	5.15	20	
4-Isopropyltoluene	1051	50	1000	0	105	77 - 127	1090	3.63	20	
4-Methyl-2-pentanone	1543	100	2000	0	77.2	67 - 130	1550	0.459	20	
Acetone	1229	100	2000	0	61.5	39 - 160	1251	1.76	20	
Benzene	3105	50	1000	2348	75.8	79 - 120	3280	5.47	20	S
Carbon disulfide	1645	100	2000	0	82.2	64 - 133	1726	4.81	20	
Chloromethane	826.9	50	1000	0	82.7	50 - 139	861.9	4.14	20	
cis-1,2-Dichloroethene	822.7	50	1000	0	82.3	78 - 123	857.3	4.12	20	
Dichlorodifluoromethane	934	50	1000	0	93.4	32 - 152	925.6	0.905	20	
Ethylbenzene	1568	50	1000	633.5	93.5	79 - 121	1626	3.61	20	
Isopropylbenzene	1056	50	1000	103.4	95.2	72 - 131	1094	3.57	20	
m,p-Xylene	3029	100	2000	1185	92.2	80 - 121	3181	4.89	20	
Methyl tert-butyl ether	738.2	50	1000	0	73.8	71 - 124	729.3	1.22	20	
Methylene chloride	813.9	100	1000	0	81.4	74 - 124	832.6	2.28	20	
Naphthalene	949.2	50	1000	106.5	84.3	61 - 128	1013	6.54	20	
n-Butylbenzene	964.4	50	1000	0	96.4	75 - 128	1009	4.48	20	
n-Propylbenzene	999.4	50	1000	64.39	93.5	76 - 126	1061	6.01	20	
o-Xylene	1600	50	1000	684.1	91.6	78 - 122	1659	3.62	20	
sec-Butylbenzene	990.3	50	1000	0	99.0	77 - 126	1052	6.03	20	
tert-Butylbenzene	1200	50	1000	0	120	78 - 124	1263	5.13	20	
Tetrachloroethene	966.9	50	1000	0	96.7	74 - 129	1020	5.32	20	
Toluene	915.8	50	1000	0	91.6	80 - 121	1030	11.7	20	
trans-1,2-Dichloroethene	852.5	50	1000	0	85.3	75 - 124	883.9	3.61	20	
Trichloroethene	870.3	50	1000	0	87.0	79 - 123	930.7	6.7	20	
Trichlorofluoromethane	878	50	1000	0	87.8	65 - 141	951.3	8.01	20	
Vinyl chloride	846.7	50	1000	0	84.7	58 - 137	903.7	6.51	20	
Xylenes, Total	4629	50	3000	1869	92.0	78 - 122	4840	4.45	20	

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

QC BATCH REPORT

Batch ID: R376447 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MSD Sample ID: **HS21010577-01MSD** Units: **ug/L** Analysis Date: **16-Jan-2021 00:32**
Client ID: Run ID: **VOA6_376447** SeqNo: **5921383** PrepDate: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	*2184*	*50*	*2500*	*0*	*87.4*	*81 - 118*	*2155*	*1.35*	*20*	
Surr: 4-Bromofluorobenzene	*2574*	*50*	*2500*	*0*	*103*	*85 - 114*	*2509*	*2.56*	*20*	
Surr: Dibromofluoromethane	*2295*	*50*	*2500*	*0*	*91.8*	*80 - 119*	*2325*	*1.29*	*20*	
Surr: Toluene-d8	*2494*	*50*	*2500*	*0*	*99.8*	*89 - 112*	*2504*	*0.391*	*20*	

The following samples were analyzed in this batch: HS21010463-01 HS21010463-02 HS21010463-03 HS21010463-04 HS21010463-05

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

QC BATCH REPORT

Batch ID: R376248 (0) **Instrument:** UV-2450 **Method:** ORTHO PHOSPHATE (PO4) AS P BY E365.3

MBLK Sample ID: **MBLK-376248** Units: **mg/L** Analysis Date: **13-Jan-2021 09:30**
Client ID: Run ID: **UV-2450_376248** SeqNo: **5917494** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Dissolved Orthophosphate (As P)	0.0250	0.0250								U

LCS Sample ID: **LCS-376248** Units: **mg/L** Analysis Date: **13-Jan-2021 09:30**
Client ID: Run ID: **UV-2450_376248** SeqNo: **5917495** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Dissolved Orthophosphate (As P)	0.264	0.0250	0.25	0	106	85 - 115				

MS Sample ID: **HS21010391-05MS** Units: **mg/L** Analysis Date: **13-Jan-2021 09:30**
Client ID: Run ID: **UV-2450_376248** SeqNo: **5917497** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Dissolved Orthophosphate (As P)	0.258	0.0250	0.25	-0.002	104	80 - 120				

MSD Sample ID: **HS21010391-05MSD** Units: **mg/L** Analysis Date: **13-Jan-2021 09:30**
Client ID: Run ID: **UV-2450_376248** SeqNo: **5917498** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Dissolved Orthophosphate (As P)	0.261	0.0250	0.25	-0.002	105	80 - 120	0.258	1.16	20	

The following samples were analyzed in this batch: HS21010463-01 HS21010463-02 HS21010463-03 HS21010463-04

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

QC BATCH REPORT

Batch ID: R376323 (0) **Instrument:** ICS-Integrion **Method:** ANIONS BY SW9056A

MBLK Sample ID: **MBLK-011321** Units: **mg/L** Analysis Date: **14-Jan-2021 01:05**
Client ID: Run ID: **ICS-Integrion_376323** SeqNo: **5918921** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Bromide	0.100	0.100								U
Chloride	0.217	0.500								J
Nitrogen, Nitrate (As N)	0.100	0.100								U
Nitrogen, Nitrite (As N)	0.100	0.100								U
Sulfate	0.500	0.500								U

LCS Sample ID: **LCS-011321** Units: **mg/L** Analysis Date: **14-Jan-2021 01:23**
Client ID: Run ID: **ICS-Integrion_376323** SeqNo: **5918922** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Bromide	3.673	0.100	4	0	91.8	80 - 120				
Chloride	20.42	0.500	20	0	102	80 - 120				
Nitrogen, Nitrate (As N)	4.038	0.100	4	0	101	80 - 120				
Nitrogen, Nitrite (As N)	4.421	0.100	4	0	111	80 - 120				
Sulfate	20.33	0.500	20	0	102	80 - 120				

MS Sample ID: **HS21010463-02MS** Units: **mg/L** Analysis Date: **13-Jan-2021 22:58**
Client ID: **106EX1-LTM-011221** Run ID: **ICS-Integrion_376323** SeqNo: **5918916** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Bromide	2.806	0.100	2	0.9676	91.9	80 - 120				
Chloride	57.67	0.500	10	48.96	87.0	80 - 120				O
Nitrogen, Nitrate (As N)	1.949	0.100	2	0.0648	94.2	80 - 120				
Nitrogen, Nitrite (As N)	2.129	0.100	2	0	106	80 - 120				
Sulfate	9.703	0.500	10	0.2135	94.9	80 - 120				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

QC BATCH REPORT

Batch ID: R376323 (0) **Instrument:** ICS-Integrion **Method:** ANIONS BY SW9056A

MSD Sample ID: **HS21010463-02MSD** Units: **mg/L** Analysis Date: **13-Jan-2021 23:16**
Client ID: **106EX1-LTM-011221** Run ID: **ICS-Integrion_376323** SeqNo: **5918917** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Bromide	2.821	0.100	2	0.9676	92.7	80 - 120	2.806	0.537	20	
Chloride	57.45	0.500	10	48.96	84.8	80 - 120	57.67	0.386	20	O
Nitrogen, Nitrate (As N)	1.961	0.100	2	0.0648	94.8	80 - 120	1.949	0.578	20	
Nitrogen, Nitrite (As N)	2.146	0.100	2	0	107	80 - 120	2.129	0.786	20	
Sulfate	9.681	0.500	10	0.2135	94.7	80 - 120	9.703	0.221	20	

The following samples were analyzed in this batch: HS21010463-01 HS21010463-02 HS21010463-03 HS21010463-04

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

QC BATCH REPORT

Batch ID: R376366 (0) **Instrument: ManTech01** **Method: ALKALINITY BY SM2320B**

MBLK Sample ID: **WBLKW2-210114** Units: **mg/L** Analysis Date: **14-Jan-2021 20:12**
Client ID: Run ID: **ManTech01_376366** SeqNo: **5919666** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	5.00	5.00								U

LCS Sample ID: **LCS2-210114** Units: **mg/L** Analysis Date: **14-Jan-2021 19:41**
Client ID: Run ID: **ManTech01_376366** SeqNo: **5919662** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	1017	5.00	1000	0	102	85 - 115				

LCSD Sample ID: **LCSD2-210114** Units: **mg/L** Analysis Date: **14-Jan-2021 19:51**
Client ID: Run ID: **ManTech01_376366** SeqNo: **5919663** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	1018	5.00	1000	0	102	85 - 115	1017	0.151	20	

DUP Sample ID: **HS21010386-10DUP** Units: **mg/L** Analysis Date: **14-Jan-2021 20:25**
Client ID: Run ID: **ManTech01_376366** SeqNo: **5919668** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	423.3	5.00					421.7	0.383	20	

The following samples were analyzed in this batch: HS21010463-01 HS21010463-02 HS21010463-03 HS21010463-04

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: **HS21010463**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

ALS Houston, US Date: 27-Jan-21

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	20-030-0	26-Mar-2021
California	2919, 2020-2021	30-Apr-2021
Dept of Defense	PJLA L20-507	22-Dec-2021
Florida	E87611-30-07/01/2020	30-Jun-2021
Illinois	2000322020-4	09-May-2021
Kansas	E-10352 2020-2021	31-Jul-2021
Kentucky	123043, 2020-2021	30-Apr-2021
Louisiana	03087, 2020-2021	30-Jun-2021
North Carolina	624-2021	31-Dec-2021
North Dakota	R-193 2020-2021	30-Apr-2021
Oklahoma	2020-165	31-Aug-2021
Texas	T104704231-20-26	30-Apr-2021

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastructure, Inc.
Project: KAFB ROS
Work Order: HS21010463

SAMPLE TRACKING

Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS21010463-01	106MW1I-LTM-011211	Login	1/13/2021 3:09:34 PM	NDR	MET071
HS21010463-01	106MW1I-LTM-011211	Login	1/13/2021 3:09:34 PM	NDR	MET071
HS21010463-01	106MW1I-LTM-011211	Login	1/13/2021 3:09:34 PM	NDR	WET369
HS21010463-01	106MW1I-LTM-011211	Login	1/13/2021 3:09:34 PM	NDR	Sub
HS21010463-01	106MW1I-LTM-011211	Login	1/13/2021 3:09:34 PM	NDR	WET369
HS21010463-01	106MW1I-LTM-011211	Login	1/13/2021 3:09:34 PM	NDR	VOA258
HS21010463-01	106MW1I-LTM-011211	Login	1/13/2021 3:09:34 PM	NDR	RSK036
HS21010463-02	106EX1-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	MET071
HS21010463-02	106EX1-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	MET071
HS21010463-02	106EX1-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	WET369
HS21010463-02	106EX1-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	Sub
HS21010463-02	106EX1-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	WET369
HS21010463-02	106EX1-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	VOA258
HS21010463-02	106EX1-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	RSK036
HS21010463-03	106MW1S-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	MET071
HS21010463-03	106MW1S-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	MET071
HS21010463-03	106MW1S-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	WET369
HS21010463-03	106MW1S-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	Sub
HS21010463-03	106MW1S-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	WET369
HS21010463-03	106MW1S-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	VOA258
HS21010463-03	106MW1S-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	RSK036
HS21010463-04	106IN1-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	MET071
HS21010463-04	106IN1-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	MET071
HS21010463-04	106IN1-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	WET369
HS21010463-04	106IN1-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	Sub
HS21010463-04	106IN1-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	WET369
HS21010463-04	106IN1-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	VOA258
HS21010463-04	106IN1-LTM-011221	Login	1/13/2021 3:09:34 PM	NDR	RSK036
HS21010463-05	TB-011221	Login	1/13/2021 3:09:34 PM	NDR	VOA258

ALS Houston, US Date: 27-Jan-21

Sample Receipt Checklist

Work Order ID: HS21010463 **Date/Time Received:** 13-Jan-2021 11:10
Client Name: CBI-Houston **Received by:** Paresh M. Giga

Completed By: /S/ Nilesh D. Ranchod 13-Jan-2021 15:19 **Reviewed by:** /S/ RJ Modashia 13-Jan-2021 21:38
eSignature Date/Time eSignature Date/Time

Matrices: **WATER** Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:5013967-GW-013
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	

Temperature(s)/Thermometer(s):	0.5C/0.5C UC/C	IR 31
Cooler(s)/Kit(s):	46755	
Date/Time sample(s) sent to storage:	01/13/202115:45	

Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☑	N/A ☐
pH adjusted?	Yes ☑	No ☐	N/A ☐
pH adjusted by:	Si Ma		

Login Notes:
SX # 106IN1-LTM-011221
Metal pH>2 (7).Preserved with 0.5mil HNO3
on 01/13/2021 @ 02:00pm
Lot # 315013409 By Sima
After preserved pH (1)

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

APTIM

CHAIN OF CUSTODY

Reference Document # 501397-GW-013

GW Sampling - ALS Houston

Project Manager: Kathleen Romalia

Send Report To: Susan Huang
Phone Number: 925-288-2099
Address: 4005 Port Chicago Hwy
City: Concord, CA 94520
susan.huang@aptim.com

Sampler's Name(s): C. LaChance

Project Number: 501397
Project Name / Location: KAFB ROS
Purchase Order #: 207025
Shipment Date: 1/12/21
UPS Number: 9477300384 9186

Lab Destination: ALS Environmental
Mon-Fri DELIVERY
10450 Stancliff Road, Suite 210
Houston, TX 77099
Lab Contact Name: RJ Medashia
Phone #: 281-530-5656

Sample ID Number	Location	Date	Time	Method	Matrix	# of containers	Preservative	Requested Analyses: Dissolved Fe and Mn (SW6020)	Total Lead (SW6020)	EDB (SW8011)	VOCs (SW8260B)	Anions (Chloride, sulfate, nitrate-nitrite, and bromide) (EPA 9056)/ Alkalinity (SM2320B)	Dissolved O-Phosphate (EPA Method 365.3)	Iodide (EPA Method 300.0)
							Container	HNO3 / 125 mL PE	HNO3 / 125 mL PE	Ice / 3X40 mL VOAs	HCl / 3X40 mL VOAs	Ice / 125 mL PE	Ice / 250 mL PE	Ice / 250 mL PE
106MW1I-LTM-011221	KAFB-106MW1-I	1/12/21	1035	G	GW	11	—	X	X	X	X	X	X	X
106EX1-LTM-011221	KAFB-106EX1	1/12/21	1055	G	GW	11	—	X	X	X	X	X	X	X
106MW1S-LTM-011221	KAFB-106MW1-S	1/12/21	1358	G	GW	11	—	X	X	X	X	X	X	X
106IN1-LTM-011221	KAFB-106IN1	1/12/21	1340	G	GW	11	—	X	X	X	X	X	X	X
TB-011221	Trip Blank	1/12/21	1500	—	—	2	—				X			

CQL

Turnaround Time: Standard 21 Day ☐ 24-hr ☐ 48-hr
All Methods ☐ 3-day

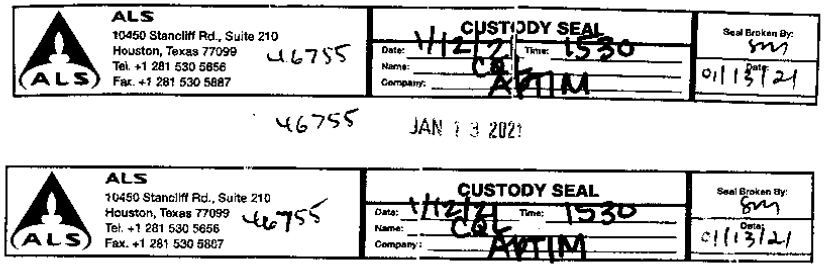
Level Of QC Required: I II (III) IV Project Specific, unless IV requested

Relinquished By: Date: 1/12/21 Time: 1700
Received By: Date: 1/13/2021 Time: 11:10
Relinquished By: Date: Time:
Received By: Date: Time:

4675 Sic. 0.5° -3° clear

HS21010463

Aptim Environmental & Infrastructure, Inc.
KAFB ROS



ALS
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

46755

CUSTODY SEAL
Date: 1/12/21 Time: 1530
Name: C&L
Company: APTIM

Seal Broken By: SM
Date: 01/13/21

46755 JAN 13 2021

ALS
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

46755

CUSTODY SEAL
Date: 1/12/21 Time: 1530
Name: C&L
Company: APTIM

Seal Broken By: SM
Date: 01/13/21

Must Deliver Next Business Day
Time and Tempature Sensitive!

46755

ORIGIN ID:SGRA (505) 328-4710
CAITLIN LACHANCE
APTIM
2931 MADEIRA DR. NE

ALBUQUERQUE, NM 87110
UNITED STATES US

SHIP DATE: 31DEC20
ACTWGT: 1.00 LB MAN
CAD: 0221247/CAFE3406
DIMS: 26x14x14 IN

TO CLIENT SERVICES
ALS LABORATORY GROUP
10450 STANCLIFF ROAD
SUITE 210
HOUSTON TX 77099
(281) 530-5656
REF: KIRTLAND AFBQ1 - B075726 - RJ

RMA:

FedEx Express

FedEx
TRK# 0221 9473 0838 9185

WED - 13 JAN 10:30A
PRIORITY OVERNIGHT

XH SGRA

77099
TX-US IAH

19-Jan-2021

RJ Modashia
ALS Group USA, Corp.
10450 Stancliff Road
Suite 210
Houston, TX 77099-4338

Re: **HS21010463** Work Order: **21010336**

Dear RJ,

ALS Environmental received 4 samples on 14-Jan-2021 10:20 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 7.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Shawn Smythe

Electronically approved by: Shawn Smythe

Shawn Smythe
Project Manager

Report of Laboratory Analysis

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company
Environmental www.alsglobal.com
RIGHT SOLUTIONS RIGHT PARTNER

ALS Environmental

Date: 19-Jan-21

Client: ALS Group USA, Corp.
Project: HS21010463
Work Order: **21010336**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
21010336-01	106MW1I-LTM-011211	Water		1/12/2021 10:35	1/14/2021	☐
21010336-02	106EX1-LTM-011221	Water		1/12/2021 10:55	1/14/2021	☐
21010336-03	106MW1S-LTM-011221	Water		1/12/2021 13:58	1/14/2021	☐
21010336-04	106IN1-LTM-011221	Water		1/12/2021 13:40	1/14/2021	☐

ALS Environmental

Date: 19-Jan-21

Client: ALS Group USA, Corp.
Project: HS21010463
Work Order: 21010336

Case Narrative

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Results relate only to the items tested and are not blank corrected unless indicated.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

ALS is an EPA recognized NLLAP laboratory for lead paint, soil, and dust wipe analyses under its AIHA-LAP accreditation.

ALS Environmental

Date: *19-Jan-21*

Client: ALS Group USA, Corp.
Project: HS21010463

Work Order: 21010336

Lab ID: 21010336-01A
Collection Date: 1/12/2021 10:35:00 AM
Client Sample ID: 106MW1I-LTM-011211
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
IODIDE BY EPA 300 MOD.			**E300.0**			Analyst: **SRL**
Iodide	**0.54**		**0.20**	**mg/L**	1	1/18/2021 06:30 PM

Lab ID: 21010336-02A
Collection Date: 1/12/2021 10:55:00 AM
Client Sample ID: 106EX1-LTM-011221
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
IODIDE BY EPA 300 MOD.			**E300.0**			Analyst: **SRL**
Iodide	**7.4**		**0.20**	**mg/L**	1	1/18/2021 06:42 PM

Lab ID: 21010336-03A
Collection Date: 1/12/2021 1:58:00 PM
Client Sample ID: 106MW1S-LTM-011221
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
IODIDE BY EPA 300 MOD.			**E300.0**			Analyst: **SRL**
Iodide	**7.9**		**0.20**	**mg/L**	1	1/18/2021 06:54 PM

Lab ID: 21010336-04A
Collection Date: 1/12/2021 1:40:00 PM
Client Sample ID: 106IN1-LTM-011221
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
IODIDE BY EPA 300 MOD.			**E300.0**			Analyst: **SRL**
Iodide	**3.5**		**0.20**	**mg/L**	1	1/18/2021 07:32 PM

Note:

ALS Environmental

Date: 19-Jan-21

Client: ALS Group USA, Corp.

Work Order: 21010336

Project: HS21010463

QC BATCH REPORT

Batch ID: **72206** Instrument ID **IC1** Method: **E300.0**

MBLK	Sample ID: **MBLK-72206-72206**			Units: **mg/L**			Analysis Date: **1/18/2021 05:03 PM**			
Client ID:	Run ID: **IC1_210118A**			SeqNo: **2383474**			Prep Date: **1/18/2021**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iodide	ND	0.20								

LCS	Sample ID: **LCS-72206-72206**			Units: **mg/L**			Analysis Date: **1/18/2021 05:16 PM**			
Client ID:	Run ID: **IC1_210118A**			SeqNo: **2383475**			Prep Date: **1/18/2021**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iodide	10.11	0.20	10	0	101	70-130	0			

LCSD	Sample ID: **LCSD-72206-72206**			Units: **mg/L**			Analysis Date: **1/18/2021 05:28 PM**			
Client ID:	Run ID: **IC1_210118A**			SeqNo: **2383476**			Prep Date: **1/18/2021**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iodide	10.65	0.20	10	0	106	70-130	10.11	5.23	20	

MS	Sample ID: **21010448-01A MS**			Units: **mg/L**			Analysis Date: **1/18/2021 08:58 PM**			
Client ID:	Run ID: **IC1_210118A**			SeqNo: **2383491**			Prep Date: **1/18/2021**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iodide	16.53	0.20	10	5.498	110	70-130	0			

MSD	Sample ID: **21010448-01A MSD**			Units: **mg/L**			Analysis Date: **1/18/2021 09:11 PM**			
Client ID:	Run ID: **IC1_210118A**			SeqNo: **2383492**			Prep Date: **1/18/2021**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iodide	16.1	0.20	10	5.498	106	70-130	16.53	2.64	20	

The following samples were analyzed in this batch:

21010336-01A	21010336-02A	21010336-03A
21010336-04A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC Page: 1 of 1

ALS Environmental

Date: 19-Jan-21

Client: ALS Group USA, Corp.
Project: HS21010463
WorkOrder: **21010336**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported	Description
mg/L	

ALS Environmental

Sample Receipt Checklist

Client Name: **ALS-HOUSTON** Date/Time Received: **14-Jan-21 10:20**

Work Order: **21010336** Received by: **SNH**

Checklist completed by Stephanie Harrington (eSignature) 14-Jan-21 (Date) Reviewed by: Rob Nieman (eSignature) 15-Jan-21 (Date)

Matrices:

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	2.9		
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

10450 Stancliff Rd, Ste 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887
www.alsglobal.com

21010336

Subcontract Chain of Custody

SAMPLING STATE: Dept of Defense **COC ID:** 15485

SUBCONTRACT TO:

ALS Laboratory Group-Cincinnati
4388 Glendale-Milford Road
Cincinnati, OH 45242

Phone: +1 513 733 5336

CUSTOMER INFORMATION:

Company:	ALS Houston
Contact:	RJ Modashia
Address:	10450 Stancliff Rd, Ste 210
Phone:	+1 281 530 5656
Email:	RJ.Modashia@alsglobal.com
Alternate Contact:	Jumoke M. Lawal
Email:	jumoke.lawal@alsglobal.com

INVOICE INFORMATION:

Company:	ALS Houston
Contact:	Accounts Payable
Address:	10450 Stancliff Rd, Ste 210
Phone:	+1 281 530 5656
Reference:	HS21010463
TSR:	Sonia West

	LAB SAMPLE ID / ANALYSIS REQUESTED	CLIENT SAMPLE ID	MATRIX	COLLECT DATE / DUE DATE
1.	**HS21010463-01**	**106MW1I-LTM-011211**	**Groundwater**	**12 Jan 2021 10:35**
	Sub_Iodide			27 Jan 2021
2.	**HS21010463-02**	**106EX1-LTM-011221**	**Groundwater**	**12 Jan 2021 10:55**
	Sub_Iodide			27 Jan 2021
3.	**HS21010463-03**	**106MW1S-LTM-011221**	**Groundwater**	**12 Jan 2021 13:58**
	Sub_Iodide			27 Jan 2021
4.	**HS21010463-04**	**106IN1-LTM-011221**	**Groundwater**	**12 Jan 2021 13:40**
	Sub_Iodide			27 Jan 2021

Comments: Please analyze for the analysis listed above.
Send report to the emails shown above.

QC Level: DOD III (DoD Level III)

Relinquished By: _____ Date/Time: 1/13/2021 1800.

Received By: _____ Date/Time: 1-14-21 1020

Cooler ID(s): _____ Temperature(s): _____

RIGHT SOLUTIONS | RIGHT PARTNER

Fedex Custody Seal 2911190589

HS21010463 8260_W_DOD Forms

ALS WO# HS21010463

MSVOA06 -Logbook

Batch: 43226 **Analyst:** Devak Giga

Date: 01-07-2021 **Reviewer:**

Method: 8260_W_DOD **Laboratory:** Houston

Comments:

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
1	BFB	BFB	01-07-2021 11:04 am	1.00	0.00 mL	0.00 mL	X010701.D	Liquid	Y	NA
2	VSTD000.25	CALIB_1	01-07-2021 11:25 am	1.00	5.00 mL	0.00 mL	X010702.D	Liquid	Y	NA
3	VSTD000.5	CALIB_2	01-07-2021 12:07 pm	1.00	5.00 mL	0.00 mL	X010703.D	Liquid	Y	NA
4	VSTD001	CALIB_3	01-07-2021 12:28 pm	1.00	5.00 mL	0.00 mL	X010704.D	Liquid	Y	NA
5	VSTD002	CALIB_4	01-07-2021 12:49 pm	1.00	5.00 mL	0.00 mL	X010705.D	Liquid	Y	NA
6	VSTD005	CALIB_5	01-07-2021 01:10 pm	1.00	5.00 mL	0.00 mL	X010706.D	Liquid	Y	NA
7	VSTD020	CALIB_6	01-07-2021 01:31 pm	1.00	5.00 mL	0.00 mL	X010707.D	Liquid	Y	NA
8	VSTD050	CALIB_7	01-07-2021 01:51 pm	1.00	5.00 mL	0.00 mL	X010708.D	Liquid	Y	NA
9	VSTD100	CALIB_8	01-07-2021 02:12 pm	1.00	5.00 mL	0.00 mL	X010709.D	Liquid	Y	NA
10	VSTD150	CALIB_9	01-07-2021 02:33 pm	1.00	5.00 mL	0.00 mL	X010710.D	Liquid	Y	NA
11	VSTD200	CALIB_10	01-07-2021 02:54 pm	1.00	5.00 mL	0.00 mL	X010711.D	Liquid	Y	NA
12	BLANK	SAMP	01-07-2021 03:15 pm	1.00	5.00 mL	0.00 mL	X010712.D	Liquid	Y	NA
13	ICV	METHSPIKI	01-07-2021 03:36 pm	1.00	5.00 mL	0.00 mL	X010713.D	Liquid	Y	NA
14	BLANK	SAMP	01-07-2021 03:57 pm	1.00	5.00 mL	0.00 mL	X010714.D	Liquid	Y	NA
15	CCB	SAMP	01-07-2021 04:18 pm	1.00	5.00 mL	0.00 mL	X010715.D	Liquid	Y	NA
16	VLCSW-210107	LCS	01-07-2021 04:39 pm	1.00	5.00 mL	0.00 mL	X010716.D	Liquid	Y	NA
17	BLANK	SAMP	01-07-2021 05:00 pm	1.00	5.00 mL	0.00 mL	X010717.D	Liquid	Y	NA
18	BLANK	SAMP	01-07-2021 05:21 pm	1.00	5.00 mL	0.00 mL	X010718.D	Liquid	Y	NA
19	VBLKW-210107	MBLK	01-07-2021 05:42 pm	1.00	5.00 mL	0.00 mL	X010719.D	Liquid	Y	NA
20	HS20100273-13	SAMP	01-07-2021 06:03 pm	1.00	5.00 mL	0.00 mL	X010720.D	Liquid	Y	NA
21	HS20100273-14	SAMP	01-07-2021 06:24 pm	1.00	5.00 mL	0.00 mL	X010721.D	Liquid	Y	NA
22	HS20100273-15	SAMP	01-07-2021 06:45 pm	1.00	5.00 mL	0.00 mL	X010722.D	Liquid	Y	NA
23	HS20100273-16	SAMP	01-07-2021 07:06 pm	1.00	5.00 mL	0.00 mL	X010723.D	Liquid	Y	NA
24	HS21010128-05	SAMP	01-07-2021 07:27 pm	1.00	5.00 mL	0.00 mL	X010724.D	Liquid	Y	NA
25	HS20121361-02	SAMP	01-07-2021 07:48 pm	1.00	5.00 mL	0.00 mL	X010725.D	Liquid	Y	NA
26	HS20121361-01	SAMP	01-07-2021 08:09 pm	1.00	5.00 mL	0.00 mL	X010726.D	Liquid	Y	NA
27	HS20121361-01MS	MS	01-07-2021 08:30 pm	1.00	5.00 mL	0.00 mL	X010727.D	Liquid	Y	NA
28	HS20121361-01MSD	MSD	01-07-2021 08:51 pm	1.00	5.00 mL	0.00 mL	X010728.D	Liquid	Y	NA
29	CCV-END	CCV	01-07-2021 09:12 pm	1.00	5.00 mL	0.00 mL	X010729.D	Liquid	Y	NA

FORM 3
WATER VOLATILE METHOD SPIKE RECOVERY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Matrix Spike - Sample No.: ICV

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE AMOUNT ()	% REC #	QC. LIMITS REC.
cis-1,2-Dichloroethene	50.00	45.67	91	80-120
Chloromethane	50.00	43.97	88	80-120
1,2-Dibromoethane	50.00	46.22	92	80-120
Vinyl Chloride	50.00	44.10	88	80-120
Trichlorofluoromethane	50.00	42.75	86	80-120
Trichloroethene	50.00	45.31	91	80-120
trans-1,2-Dichloroethen	50.00	45.34	91	80-120
1,1,2-Trichloroethane	50.00	44.84	90	80-120
1,2,4-Trichlorobenzene	50.00	50.88	102	80-120
1,3,5-Trimethylbenzene	50.00	41.53	83	80-120
2-Butanone	100.00	92.02	92	80-120
2-Chlorotoluene	50.00	40.86	82	80-120
2-Hexanone	100.00	83.82	84	80-120
Toluene	50.00	44.65	89	80-120
4-Methyl-2-Pentanone	100.00	82.85	83	80-120
Acetone	100.00	101.17	101	80-120
Benzene	50.00	44.00	88	80-120
Carbon Disulfide	100.00	87.97	88	80-120
1,2-Dichloroethane	50.00	41.82	84	80-120
Dichlorodifluoromethane	50.00	43.98	88	80-120
Ethylbenzene	50.00	43.35	87	80-120
Isopropylbenzene	50.00	40.84	82	80-120
m,p-Xylenes	100.00	88.82	89	80-120
Tetrachloroethene	50.00	42.84	86	80-120
Methylene Chloride	50.00	44.69	89	80-120
n-Butylbenzene	50.00	42.71	85	80-120
n-Propylbenzene	50.00	40.33	81	80-120
Naphthalene	50.00	56.76	114	80-120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM III VOA

FORM 3
WATER VOLATILE METHOD SPIKE RECOVERY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Matrix Spike - Sample No.: ICV

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE AMOUNT ()	% REC #	QC. LIMITS REC.
o-Xylene	50.00	43.77	88	80-120
sec-Butylbenzene	50.00	40.67	81	80-120
tert-Butylbenzene	50.00	45.37	91	80-120
p-Isopropyltoluene	50.00	41.65	83	80-120
Xylenes (total)	150.00	132.60	88	80-120
Methyl tert-butyl ether	50.00	40.49	81	80-120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM III VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Lab File ID: X010701 BFB Injection Date: 01/07/21

Instrument ID: VOA6 BFB Injection Time: 1104

GC Column: DB624 ID: 0.25 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.1
75	30.0 - 60.0% of mass 95	54.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.7 (1.2)1
174	Greater than 50.0% of mass 95	58.8
175	5.0 - 9.0% of mass 174	4.4 (7.4)1
176	95.0 - 101.0% of mass 174	56.1 (95.3)1
177	5.0 - 9.0% of mass 176	4.2 (7.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD000.25	VSTD000.25	X010702	01/07/21	1125
02	VSTD000.5	VSTD000.5	X010703	01/07/21	1207
03	VSTD001	VSTD001	X010704	01/07/21	1228
04	VSTD002	VSTD002	X010705	01/07/21	1249
05	VSTD005	VSTD005	X010706	01/07/21	1310
06	VSTD020	VSTD020	X010707	01/07/21	1331
07	VSTD050	VSTD050	X010708	01/07/21	1351
08	VSTD100	VSTD100	X010709	01/07/21	1412
09	VSTD150	VSTD150	X010710	01/07/21	1433
10	VSTD200	VSTD200	X010711	01/07/21	1454
11	ICV	ICV	X010713	01/07/21	1536
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

page 1 of 1

FORM V VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Instrument ID: VOA6 Calibration Date(s): 01/07/21 01/07/21

Column: DB624 ID: 0.18 (mm) Calibration Time(s): 1125 1454

LAB FILE ID: RF0.25: X010702 RF0.5: X010703 RF1: X010704
RF2: X010705 RF5: X010706 RF20: X010707

COMPOUND	RF0.25	RF0.5	RF1	RF2	RF5	RF20
Chloromethane		3312	6094	11422	28591	102273
1,2-Dibromoethane		0.420	0.415	0.380	0.407	0.382
Vinyl Chloride		0.837	0.882	0.836	0.721	0.728
Trichlorofluoromethane		1.142	1.292	1.179	1.171	1.125
Trichloroethene		0.406	0.396	0.368	0.337	0.326
trans-1,2-Dichloroethene		0.643	0.655	0.598	0.560	0.558
1,1,2-Trichloroethane		0.326	0.370	0.334	0.332	0.308
1,2,4-Trichlorobenzene		0.654	0.623	0.534	0.493	0.492
1,3,5-Trimethylbenzene		3.222	2.820	2.791	2.446	2.570
2-Butanone		0.209	0.193	0.210	0.234	0.223
2-Chlorotoluene		2.946	3.044	2.497	2.412	2.357
2-Hexanone		0.239	0.244	0.229	0.243	0.228
Toluene		1.742	1.595	1.594	1.530	1.470
4-Methyl-2-Pentanone		0.323	0.354	0.348	0.354	0.338
Acetone		4860	5248	7745	16434	54036
Benzene		1.365	1.501	1.442	1.394	1.320
Carbon Disulfide		2.010	1.922	1.762	1.673	1.641
1,2-Dichloroethane		0.594	0.584	0.520	0.560	0.523
Dichlorodifluoromethane		2333	5528	9551	21996	87185
Ethylbenzene		0.570	0.522	0.494	0.492	0.476
Isopropylbenzene		1.691	1.525	1.571	1.330	1.368
m,p-Xylenes		0.645	0.623	0.622	0.592	0.590
Tetrachloroethene		0.341	0.317	0.272	0.280	0.269
Methylene Chloride		0.692	0.765	0.740	0.651	0.634
n-Butylbenzene		2.677	2.593	2.479	2.151	2.380
n-Propylbenzene		4.823	4.489	4.147	3.669	3.863
Naphthalene		0.970	0.879	0.757	0.790	0.841
o-Xylene		0.588	0.673	0.608	0.606	0.570
sec-Butylbenzene		3.637	3.632	3.248	2.764	2.927
tert-Butylbenzene		7668	12622	23805	52819	225005
p-Isopropyltoluene		2.938	2.886	2.776	2.318	2.440
Xylenes (total)		0.575	0.587	0.573	0.557	0.544
Methyl tert-butyl ether		2.214	2.054	2.038	1.882	1.876
4-Bromofluorobenzene		4587	9807	12193	35000	119751
Dibromofluoromethane		3130	5022	9006	25757	94268
1,2-Dichloroethane-d4		3989	6322	11099	29493	112778
Toluene-d8		1.589	1.371	1.219	1.364	1.279

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS2101046

Instrument ID: VOA6 Calibration Date(s): 01/07/21 01/07/21

Column: DB624 ID: 0.18 (mm) Calibration Time(s): 1125 1454

LAB FILE ID: RF50: X010708 RF100: X010709 RF150: X010710
RF200: X010711

COMPOUND	RF50	RF100	RF150	RF200
Chloromethane	248829	516147	776469	1089831
1,2-Dibromoethane	0.378	0.383	0.377	0.377
Vinyl Chloride	0.727	0.836	0.804	0.839
Trichlorofluoromethane	1.025	1.228	1.196	1.224
Trichloroethene	0.321	0.358	0.351	0.353
trans-1,2-Dichloroethene	0.572	0.611	0.599	0.627
1,1,2-Trichloroethane	0.310	0.302	0.290	0.287
1,2,4-Trichlorobenzene	0.491	0.566	0.556	0.578
1,3,5-Trimethylbenzene	2.402	2.914	2.829	2.967
2-Butanone	0.225	0.226	0.204	0.208
2-Chlorotoluene	2.203	2.480	2.397	2.436
2-Hexanone	0.210	0.215	0.206	0.207
Toluene	1.427	1.535	1.476	1.480
4-Methyl-2-Pentanone	0.319	0.326	0.310	0.309
Acetone	122962	233424	348381	463410
Benzene	1.309	1.376	1.301	1.284
Carbon Disulfide	1.632	1.840	1.772	1.792
1,2-Dichloroethane	0.497	0.482	0.453	0.436
Dichlorodifluoromethane	209737	515094	807544	1101633
Ethylbenzene	0.463	0.507	0.490	0.503
Isopropylbenzene	1.289	1.537	1.459	1.526
m,p-Xylenes	0.568	0.652	0.626	0.657
Tetrachloroethene	0.243	0.293	0.278	0.281
Methylene Chloride	0.648	0.670	0.640	0.655
n-Butylbenzene	2.128	2.791	2.738	2.785
n-Propylbenzene	3.469	4.206	4.096	4.260
Naphthalene	0.852	0.927	0.955	1.003
o-Xylene	0.562	0.622	0.599	0.631
sec-Butylbenzene	2.661	3.409	3.375	3.403
tert-Butylbenzene	519237	1232911		
p-Isopropyltoluene	2.284	2.881	2.798	2.846
Xylenes (total)	0.525	0.596	0.569	0.610
Methyl tert-butyl ether	1.854	1.863	1.800	1.805
4-Bromofluorobenzene	275917	572254	834037	1161521
Dibromofluoromethane	214800	472117	692669	910875
1,2-Dichloroethane-d4	262688	531873	766328	1004385
Toluene-d8	1.194	1.299	1.214	1.173

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS2101046

Instrument ID: VOA6 Calibration Date(s): 01/07/21 01/07/21

Column: DB624 ID: 0.18 (mm) Calibration Time(s): 1125 1454

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Chloromethane	LINR	1.398e-002	1.36496685		0.9985783	0.9900000
1,2-Dibromoethane	AVRG		0.39107728		4.534	15.000
Vinyl Chloride	AVRG		0.80116375		7.502	15.000
Trichlorofluoromethane	AVRG		1.17593260		6.399	15.000
Trichloroethene	AVRG		0.35741592		8.118	15.000
trans-1,2-Dichloroethene	AVRG		0.60252330		5.826	15.000
1,1,2-Trichloroethane	AVRG		0.31759602		8.210	15.000
1,2,4-Trichlorobenzene	AVRG		0.55411096		10.574	15.000
1,3,5-Trimethylbenzene	AVRG		2.77350036		9.462	15.000
2-Butanone	AVRG		0.21460147		6.135	15.000
2-Chlorotoluene	AVRG		2.53033358		10.989	15.000
2-Hexanone	AVRG		0.22467101		6.812	15.000
Toluene	AVRG		1.53874812		6.174	15.000
4-Methyl-2-Pentanone	AVRG		0.33133725		5.382	15.000
Acetone	LINR	-9.66e-002	6.36901874		0.9996059	0.9900000
Benzene	AVRG		1.36576564		5.244	15.000
Carbon Disulfide	AVRG		1.78279725		7.142	15.000
1,2-Dichloroethane	AVRG		0.51669035		10.707	15.000
Dichlorodifluoromethane	LINR	5.305e-002	1.33015195		0.9973828	0.9900000
Ethylbenzene	AVRG		0.50203292		6.113	15.000
Isopropylbenzene	AVRG		1.47731189		8.686	15.000
m,p-Xylenes	AVRG		0.61953490		4.921	15.000
Tetrachloroethene	AVRG		0.28627773		9.978	15.000
Methylene Chloride	AVRG		0.67727927		6.839	15.000
n-Butylbenzene	AVRG		2.52459440		10.220	15.000
n-Propylbenzene	AVRG		4.11351355		9.993	15.000
Naphthalene	AVRG		0.88607610		9.466	15.000
o-Xylene	AVRG		0.60643789		5.540	15.000
sec-Butylbenzene	AVRG		3.22841144		11.179	15.000
tert-Butylbenzene	2ORDR	-1.54e-002	0.57723665	-3.16e-002	0.9992058	0.9900000
p-Isopropyltoluene	AVRG		2.68513501		9.715	15.000
Xylenes (total)	AVRG		0.57057284		4.592	15.000
Methyl tert-butyl ether	AVRG		1.93162390		7.231	15.000
4-Bromofluorobenzene	LINR	-2.38e-002	2.22607739		0.9993013	0.9900000
Dibromofluoromethane	LINR	-6.58e-003	1.59225032		0.9990465	0.9900000
1,2-Dichloroethane-d4	LINR	-2.96e-002	1.44382359		0.9986270	0.9900000
Toluene-d8	AVRG		1.30033052		9.982	15.000

FORM VI VOA

MSVOA06 -Logbook

Batch: 43254 **Analyst:** Qin Xu

Date: 01-15-2021 **Reviewer:**

Method: 8260 **Laboratory:** Houston

Comments:

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
1	BFB	TUNE	01-15-2021 04:20 pm	1.00	0.00 mL	0.00 mL	X011501.D	Liquid	Y	NA
	Auto find/purged									
2	CCV	CCV	01-15-2021 04:40 pm	1.00	5.00 mL	0.00 mL	X011502.D	Liquid	N	NA
	10 ul cal std/50 ml DI									
3	CCV	CCV	01-15-2021 05:01 pm	1.00	5.00 mL	0.00 mL	X011503.D	Liquid	Y	NA
	10 ul cal std/50 ml DI									
4	CCB	SAMP	01-15-2021 05:31 pm	1.00	5.00 mL	0.00 mL	X011504.D	Liquid	Y	NA
	ccb									
5	VLCSW-210115	LCS	01-15-2021 05:52 pm	1.00	5.00 mL	0.00 mL	X011505.D	Liquid	Y	NA
	4 ul lcs std/50 ml DI									
6	BLANK	SAMP	01-15-2021 06:13 pm	1.00	5.00 mL	0.00 mL	X011506.D	Liquid	Y	NA
	cleanup									
7	BLANK	SAMP	01-15-2021 06:34 pm	1.00	5.00 mL	0.00 mL	X011507.D	Liquid	Y	NA
	cleanup									
8	VBLKW-210115	MBLK	01-15-2021 06:55 pm	1.00	5.00 mL	0.00 mL	X011508.D	Liquid	Y	NA
9	HS21010551-02	SAMP	01-15-2021 07:16 pm	1.00	5.00 mL	0.00 mL	X011509.D	Liquid	Y	NA
10	HS21010551-01	SAMP	01-15-2021 07:37 pm	1.00	5.00 mL	0.00 mL	X011510.D	Liquid	Y	NA
11	HS21010463-05	SAMP	01-15-2021 07:58 pm	1.00	5.00 mL	0.00 mL	X011511.D	Liquid	Y	NA
12	HS21010577-02	SAMP	01-15-2021 08:19 pm	1.00	5.00 mL	0.00 mL	X011512.D	Liquid	Y	NA
13	HS21010463-01	SAMP	01-15-2021 08:40 pm	1.00	5.00 mL	0.00 mL	X011513.D	Liquid	Y	NA
14	HS21010514-15	SAMP	01-15-2021 09:02 pm	1.00	5.00 mL	0.00 mL	X011514.D	Liquid	Y	NA
15	HS21010463-02	SAMP	01-15-2021 09:23 pm	5.00	5.00 mL	0.00 mL	X011515.D	Liquid	Y	NA
16	HS21010514-16	SAMP	01-15-2021 09:44 pm	1.00	5.00 mL	0.00 mL	X011516.D	Liquid	Y	NA
17	HS21010463-04	SAMP	01-15-2021 10:05 pm	5.00	5.00 mL	0.00 mL	X011517.D	Liquid	Y	NA
18	HS21010514-17	SAMP	01-15-2021 10:26 pm	1.00	5.00 mL	0.00 mL	X011518.D	Liquid	Y	NA
19	HS21010577-01	SAMP	01-15-2021 10:47 pm	50.00	5.00 mL	0.00 mL	X011519.D	Liquid	Y	NA
20	HS21010577-01	SAMP	01-15-2021 11:08 pm	5.00	5.00 mL	0.00 mL	X011520.D	Liquid	Y	NA
21	HS21010514-18	SAMP	01-15-2021 11:29 pm	1.00	5.00 mL	0.00 mL	X011521.D	Liquid	Y	NA
22	HS21010463-03	SAMP	01-15-2021 11:50 pm	10.00	5.00 mL	0.00 mL	X011522.D	Liquid	Y	NA
23	HS21010577-01MS	MS	01-16-2021 12:11 am	50.00	5.00 mL	0.00 mL	X011523.D	Liquid	Y	NA
	4 ul cal std/50 ml sample									
24	HS21010577-01MSD	MSD	01-16-2021 12:32 am	50.00	5.00 mL	0.00 mL	X011524.D	Liquid	Y	NA
	4 ul cal std/50 ml sample									
25	HS21010463-01n/r	SAMP	01-16-2021 12:53 am	5.00	5.00 mL	0.00 mL	X011525.D	Liquid	Y	NA
26	HS21010463-02	SAMP	01-16-2021 01:14 am	25.00	5.00 mL	0.00 mL	X011526.D	Liquid	Y	NA
27	HS21010463-04n/r	SAMP	01-16-2021 01:35 am	25.00	5.00 mL	0.00 mL	X011527.D	Liquid	Y	NA
28	HS21010463-03	SAMP	01-16-2021 01:56 am	100.0(	5.00 mL	0.00 mL	X011528.D	Liquid	Y	NA
29	CCV-END	CCV	01-16-2021 02:17 am	1.00	5.00 mL	0.00 mL	X011529.D	Liquid	Y	NA
	10ul cal std/50 ml DI									
30	BFB	TUNE	01-16-2021 02:38 am	1.00	0.00 mL	0.00 mL	Y011501.D	Liquid	Y	NA
	Auto find/purged									
31	CCV	CCV	01-16-2021 02:59 am	1.00	5.00 mL	0.00 mL	Y011502.D	Liquid	N	NA
	10ul cal std/50 ml DI									
32	CCV	CCV	01-16-2021 03:20 am	1.00	5.00 mL	0.00 mL	Y011503.D	Liquid	Y	NA
	10ul cal std/50 ml DI									
33	CCB	SAMP	01-16-2021 03:41 am	1.00	5.00 mL	0.00 mL	Y011504.D	Liquid	Y	NA
	ccb									
34	VLCSW-210115	LCS	01-16-2021 04:02 am	1.00	5.00 mL	0.00 mL	Y011505.D	Liquid	Y	NA

MSVOA06 -Logbook

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
35	BLANK	SAMP	01-16-2021 04:23 am	1.00	5.00 mL	0.00 mL	Y011506.D	Liquid	Y	NA
	cleanup									
36	VBLKW-210115	MBLK	01-16-2021 04:44 am	1.00	5.00 mL	0.00 mL	Y011507.D	Liquid	Y	NA
37	MBLK-161582	MBLK	01-16-2021 05:05 am	20.00	5.00 mL	0.00 mL	Y011508.D	Liquid	Y	NA
	tclp method blank									
38	HS21010481-01	SAMP	01-16-2021 05:26 am	20.00	5.00 mL	0.00 mL	Y011509.D	Liquid	Y	NA
39	HS21010442-02	SAMP	01-16-2021 05:47 am	10.00	5.00 mL	0.00 mL	Y011510.D	Liquid	Y	NA
40	HS21010481-01MS	MS	01-16-2021 06:09 am	20.00	5.00 mL	0.00 mL	Y011511.D	Liquid	Y	NA
	4 ul cal std/50 ml sample									
41	HS21010481-01MSD	MSD	01-16-2021 06:30 am	20.00	5.00 mL	0.00 mL	Y011512.D	Liquid	Y	NA
	4 ul cal std/50 ml sample									
42	HS21010481-02	SAMP	01-16-2021 06:51 am	20.00	5.00 mL	0.00 mL	Y011513.D	Liquid	Y	NA
43	HS21010481-03	SAMP	01-16-2021 07:12 am	20.00	5.00 mL	0.00 mL	Y011514.D	Liquid	Y	NA
44	HS21010481-04	SAMP	01-16-2021 07:33 am	20.00	5.00 mL	0.00 mL	Y011515.D	Liquid	Y	NA
45	HS21010540-01	SAMP	01-16-2021 07:54 am	20.00	5.00 mL	0.00 mL	Y011516.D	Liquid	Y	NA
46	HS21010546-01	SAMP	01-16-2021 08:15 am	20.00	5.00 mL	0.00 mL	Y011517.D	Liquid	Y	NA
47	MBLK-161592	MBLK	01-16-2021 08:36 am	20.00	5.00 mL	0.00 mL	Y011518.D	Liquid	Y	NA
	tclp method blank									
48	HS21010556-02	SAMP	01-16-2021 08:57 am	20.00	5.00 mL	0.00 mL	Y011519.D	Liquid	Y	NA
49	HS21010578-01	SAMP	01-16-2021 09:18 am	20.00	5.00 mL	0.00 mL	Y011520.D	Liquid	Y	NA
50	HS21010578-02	SAMP	01-16-2021 09:39 am	20.00	5.00 mL	0.00 mL	Y011521.D	Liquid	Y	NA
51	HS21010578-03	SAMP	01-16-2021 10:00 am	20.00	5.00 mL	0.00 mL	Y011522.D	Liquid	Y	NA
52	HS21010578-04	SAMP	01-16-2021 10:21 am	20.00	5.00 mL	0.00 mL	Y011523.D	Liquid	Y	NA
53	HS21010499-01	SAMP	01-16-2021 10:42 am	1.00	5.00 mL	0.00 mL	Y011524.D	Liquid	Y	NA
54	HS21010578-04	SAMP	01-16-2021 11:03 am	100.0(	5.00 mL	0.00 mL	Y011525.D	Liquid	Y	NA
55	HS21010499-02	SAMP	01-16-2021 11:25 am	1.00	5.00 mL	0.00 mL	Y011526.D	Liquid	Y	NA
56	HS21010499-03	SAMP	01-16-2021 11:46 am	1.00	5.00 mL	0.00 mL	Y011527.D	Liquid	Y	NA
57	HS21010499-04	SAMP	01-16-2021 12:07 pm	1.00	5.00 mL	0.00 mL	Y011528.D	Liquid	Y	NA
58	HS21010581-01	SAMP	01-16-2021 12:28 pm	1.00	5.00 mL	0.00 mL	Y011529.D	Liquid	Y	NA
59	HS21010581-02	SAMP	01-16-2021 12:49 pm	1.00	5.00 mL	0.00 mL	Y011530.D	Liquid	Y	NA
60	HS21010613-01	SAMP	01-16-2021 01:10 pm	1.00	5.00 mL	0.00 mL	Y011531.D	Liquid	Y	NA
61	BLANK	SAMP	01-16-2021 01:31 pm	1.00	5.00 mL	0.00 mL	Y011532.D	Liquid	Y	NA
62	BLANK	SAMP	01-16-2021 01:52 pm	1.00	5.00 mL	0.00 mL	Y011533.D	Liquid	Y	NA

Chemical	Value
SURR SPK ID	31106-63-06
IS ID	31106-63-06
LCS/MS ID	31106-64-05
CAL STD ID	31106-64-01/02
BFB ID	31106-63-06
pH Paper	634-64-10

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

	CLIENT SAMPLE NO.	SMC1 #	SMC2 #	SMC3 (DCE)#	OTHER (TOL)#	TOT OUT
01	VLCSW-210115	106	101	103	100	0
02	VBLKW-210115	102	93	90	104	0
03	HS21010463-05	98	93	89	106	0
04	HS21010463-01	103	93	90	102	0
05	HS21010463-02	105	92	90	100	0
06	HS21010463-04	102	92	88	102	0
07	HS21010463-03	107	93	89	104	0
08	HS21010577-01MS	100	93	86	100	0
09	HS21010577-01MSD	103	92	87	100	0
10	HS21010463-02	104	92	88	101	0
11	HS21010463-03	102	92	87	102	0
12						
13						
14						
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27						
28						

		QC LIMITS
SMC1	= 4-Bromofluorobenzene	(70-130)
SMC2	= Dibromofluoromethane	(70-130)
SMC3 (DCE)	= 1,2-Dichloroethane-d4	(0-130)
OTHER(TOL)	= Toluene-d8	(0-130)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

page 1 of 1 FORM II VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBLKW-210115

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Lab File ID: X011508 Lab Sample ID: VBLKW-210115

Date Analyzed: 01/15/21 Time Analyzed: 1855

GC Column: DB624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: VOA6

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VLCSW-210115	VLCSW-210115	X011505	1752
02	HS21010463-05	HS21010463-05	X011511	1958
03	HS21010463-01	HS21010463-01	X011513	2040
04	HS21010463-02	HS21010463-02	X011515	2123
05	HS21010463-04	HS21010463-04	X011517	2205
06	HS21010463-03	HS21010463-03	X011522	2350
07	HS21010577-01MS	HS21010577-01MS	X011523	0011
08	HS21010577-01MSD	HS21010577-01MSD	X011524	0032
09	HS21010463-02	HS21010463-02	X011526	0114
10	HS21010463-03	HS21010463-03	X011528	0156
11				
12				
13				
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COMMENTS:

page 1 of 1

FORM IV VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Lab File ID: X011501 BFB Injection Date: 01/15/21

Instrument ID: VOA6 BFB Injection Time: 1620

GC Column: DB624 ID: 0.25 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.5
75	30.0 - 60.0% of mass 95	48.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.9 (1.2)1
174	Greater than 50.0% of mass 95	76.0
175	5.0 - 9.0% of mass 174	5.1 (6.7)1
176	95.0 - 101.0% of mass 174	73.2 (96.3)1
177	5.0 - 9.0% of mass 176	4.7 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CCV	CCV	X011503	01/15/21	1701
02	VLCSW-210115	VLCSW-210115	X011505	01/15/21	1752
03	VBLKW-210115	VBLKW-210115	X011508	01/15/21	1855
04	HS21010463-05	HS21010463-05	X011511	01/15/21	1958
05	HS21010463-01	HS21010463-01	X011513	01/15/21	2040
06	HS21010463-02	HS21010463-02	X011515	01/15/21	2123
07	HS21010463-04	HS21010463-04	X011517	01/15/21	2205
08	HS21010463-03	HS21010463-03	X011522	01/15/21	2350
09	HS21010577-01MS	HS21010577-01MS	X011523	01/16/21	0011
10	HS21010577-01MSD	HS21010577-01MSD	X011524	01/16/21	0032
11	HS21010463-02	HS21010463-02	X011526	01/16/21	0114
12	HS21010463-03	HS21010463-03	X011528	01/16/21	0156
13	CCV-END	CCV-END	X011529	01/16/21	0217
14					
15					
16					
17					
18					
19					
20					
21					
22					

page 1 of 1

FORM V VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Instrument ID: VOA6 Calibration Date: 01/15/21 Time: 1701

Lab File ID: X011503 Init. Calib. Date(s): 01/07/21 01/07/21

Init. Calib. Times: 1125 1454

GC Column: DB624 ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	45.186038	50.000000	0.6518420	0.1	9.63	20.00	LINR
1,2-Dibromoethane	0.3910000	0.3962541	0.3962541	0.1	-1.34	20.00	AVRG
Vinyl Chloride	0.8010000	0.7427530	0.7427530	0.1	7.27	20.00	AVRG
Trichlorofluoromethane	1.1760000	1.0982718	1.0982718	0.1	6.61	20.00	AVRG
Trichloroethene	0.3570000	0.3602173	0.3602173	0.2	-0.90	20.00	AVRG
trans-1,2-Dichloroethene	0.6020000	0.5884849	0.5884849	0.1	2.24	20.00	AVRG
1,1,2-Trichloroethane	0.3180000	0.3104484	0.3104484	0.1	2.37	20.00	AVRG
1,2,4-Trichlorobenzene	0.5540000	0.5576855	0.5576855	0.1	-0.66	20.00	AVRG
1,3,5-Trimethylbenzene	2.7730000	2.6385114	2.6385114	0.1	4.85	20.00	AVRG
2-Butanone	0.2150000	0.2100490	0.2100490	0.1	2.30	20.00	AVRG
2-Chlorotoluene	2.5300000	2.3975988	2.3975988	0.1	5.23	20.00	AVRG
2-Hexanone	0.2240000	0.2029638	0.2029638	0.1	9.39	20.00	AVRG
Toluene	1.5390000	1.4963910	1.4963910	0.4	2.77	20.00	AVRG
4-Methyl-2-Pentanone	0.3310000	0.2946338	0.2946338	0.1	10.99	20.00	AVRG
Acetone	113.12922	100.00000	0.1852071	0.1	-13.13	20.00	LINR
Benzene	1.3660000	1.3115346	1.3115346	0.5	3.99	20.00	AVRG
Carbon Disulfide	1.7830000	1.6653378	1.6653378	0.1	6.60	20.00	AVRG
1,2-Dichloroethane	0.5160000	0.4523026	0.4523026	0.1	12.34	20.00	AVRG
Dichlorodifluoromethane	47.370058	50.000000	0.6723710	0.1	5.26	20.00	LINR
Ethylbenzene	0.5020000	0.4890185	0.4890185	0.1	2.58	20.00	AVRG
Isopropylbenzene	1.4770000	1.3756543	1.3756543	0.1	6.86	20.00	AVRG
m,p-Xylenes	0.6190000	0.6065481	0.6065481	0.1	2.01	20.00	AVRG
Tetrachloroethene	0.2860000	0.2764102	0.2764102	0.2	3.35	20.00	AVRG
Methylene Chloride	0.6770000	0.6364535	0.6364535	0.1	5.99	20.00	AVRG
n-Butylbenzene	2.5250000	2.3371075	2.3371075	0.5	7.44	20.00	AVRG
n-Propylbenzene	4.1140000	3.8802853	3.8802853	0.1	5.68	20.00	AVRG
Naphthalene	0.8860000	1.0036910	1.0036910	0.2	-13.28	20.00	AVRG
o-Xylene	0.6060000	0.5964580	0.5964580	0.3	1.57	20.00	AVRG
sec-Butylbenzene	3.2280000	2.9207393	2.9207393	0.1	9.52	20.00	AVRG
tert-Butylbenzene	53.034096	50.000000	2.1071995	0.1	-6.07	20.00	2RDR
p-Isopropyltoluene	2.6850000	2.4939064	2.4939064	0.1	7.12	20.00	AVRG
Xylenes (total)	0.5710000	0.5605718	0.5605718	0.1	1.83	20.00	AVRG
Methyl tert-butyl ether	1.9320000	1.5825653	1.5825653	0.1	18.09	20.00	AVRG
4-Bromofluorobenzene	48.250529	50.000000	0.4441721	0.1	3.50	20.00	LINR
Dibromofluoromethane	47.552901	50.000000	0.6014388	0.1	4.89	20.00	LINR
1,2-Dichloroethane-d4	44.208711	50.000000	0.6328970	0.1	11.58	20.00	LINR
Toluene-d8	1.3000000	1.2097231	1.2097231	0.1	6.94	20.00	AVRG

FORM VII VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Instrument ID: VOA6 Calibration Date: 01/16/21 Time: 0217

Lab File ID: X011529 Init. Calib. Date(s): 01/07/21 01/07/21

Init. Calib. Times: 1125 1454

GC Column: DB624 ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	46.994873	50.000000	0.6783457	0.1	6.01	50.00	LINR
1,2-Dibromoethane	0.3910000	0.3706506	0.3706506	0.1	5.20	50.00	AVRG
Vinyl Chloride	0.8010000	0.7735308	0.7735308	0.1	3.43	50.00	AVRG
Trichlorofluoromethane	1.1760000	1.1579380	1.1579380	0.1	1.54	50.00	AVRG
Trichloroethene	0.3570000	0.3373600	0.3373600	0.2	5.50	50.00	AVRG
trans-1,2-Dichloroethene	0.6020000	0.5859301	0.5859301	0.1	2.67	50.00	AVRG
1,1,2-Trichloroethane	0.3180000	0.2927266	0.2927266	0.1	7.95	50.00	AVRG
1,2,4-Trichlorobenzene	0.5540000	0.4997213	0.4997213	0.1	9.80	50.00	AVRG
1,3,5-Trimethylbenzene	2.7730000	2.4857545	2.4857545	0.1	10.36	50.00	AVRG
2-Butanone	0.2150000	0.2026839	0.2026839	0.1	5.73	50.00	AVRG
2-Chlorotoluene	2.5300000	2.2523448	2.2523448	0.1	10.97	50.00	AVRG
2-Hexanone	0.2240000	0.1816735	0.1816735	0.1	18.90	50.00	AVRG
Toluene	1.5390000	1.4302024	1.4302024	0.4	7.07	50.00	AVRG
4-Methyl-2-Pentanone	0.3310000	0.2736857	0.2736857	0.1	17.32	50.00	AVRG
Acetone	103.37735	100.00000	0.1698956	0.1	-3.38	50.00	LINR
Benzene	1.3660000	1.2501036	1.2501036	0.5	8.48	50.00	AVRG
Carbon Disulfide	1.7830000	1.6668240	1.6668240	0.1	6.52	50.00	AVRG
1,2-Dichloroethane	0.5160000	0.4414315	0.4414315	0.1	14.45	50.00	AVRG
Dichlorodifluoromethane	47.290597	50.000000	0.6711763	0.1	5.42	50.00	LINR
Ethylbenzene	0.5020000	0.4652192	0.4652192	0.1	7.33	50.00	AVRG
Isopropylbenzene	1.4770000	1.3348460	1.3348460	0.1	9.62	50.00	AVRG
m,p-Xylenes	0.6190000	0.5790551	0.5790551	0.1	6.45	50.00	AVRG
Tetrachloroethene	0.2860000	0.2582579	0.2582579	0.2	9.70	50.00	AVRG
Methylene Chloride	0.6770000	0.6428098	0.6428098	0.1	5.05	50.00	AVRG
n-Butylbenzene	2.5250000	2.1575231	2.1575231	0.5	14.55	50.00	AVRG
n-Propylbenzene	4.1140000	3.6340445	3.6340445	0.1	11.67	50.00	AVRG
Naphthalene	0.8860000	0.7899398	0.7899398	0.2	10.84	50.00	AVRG
o-Xylene	0.6060000	0.5680029	0.5680029	0.3	6.27	50.00	AVRG
sec-Butylbenzene	3.2280000	2.8365402	2.8365402	0.1	12.13	50.00	AVRG
tert-Butylbenzene	51.529231	50.000000	2.0397461	0.1	-3.06	50.00	2RDR
p-Isopropyltoluene	2.6850000	2.3530081	2.3530081	0.1	12.36	50.00	AVRG
Xylenes (total)	0.5710000	0.5302640	0.5302640	0.1	7.13	50.00	AVRG
Methyl tert-butyl ether	1.9320000	1.5492936	1.5492936	0.1	19.81	50.00	AVRG
4-Bromofluorobenzene	51.213624	50.000000	0.4707938	0.1	-2.43	50.00	LINR
Dibromofluoromethane	51.601576	50.000000	0.6522935	0.1	-3.20	50.00	LINR
1,2-Dichloroethane-d4	48.306527	50.000000	0.6896604	0.1	3.39	50.00	LINR
Toluene-d8	1.3000000	1.2419246	1.2419246	0.1	4.47	50.00	AVRG

FORM VII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Lab File ID (Standard): X011503 Date Analyzed: 01/15/21

Instrument ID: VOA6 Time Analyzed: 1701

GC Column: DB624 ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(DCB)		IS2(CBZ)		IS3(DFB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	292604	9.66	686610	7.67	738804	4.96
	UPPER LIMIT	585208	10.16	1373220	8.17	1477608	5.46
	LOWER LIMIT	146302	9.16	343305	7.17	369402	4.46
	CLIENT SAMPLE NO.						
01	VLCSW-210115	297278	9.66	649307	7.67	693260	4.96
02	VBLKW-210115	319456	9.66	740088	7.67	832350	4.96
03	HS21010463-05	292220	9.66	737425	7.67	843379	4.96
04	HS21010463-01	308617	9.66	743401	7.67	830609	4.96
05	HS21010463-02	323587	9.66	747954	7.67	802454	4.96
06	HS21010463-04	306220	9.66	731938	7.67	810058	4.96
07	HS21010463-03	325011	9.66	717593	7.67	795576	4.96
08	HS21010577-01MS	328235	9.66	772385	7.67	848838	4.96
09	HS21010577-01MSD	338405	9.66	772311	7.67	846857	4.96
10	HS21010463-02	341252	9.66	770086	7.67	846130	4.96
11	HS21010463-03	324074	9.66	761305	7.67	852708	4.96
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DFB) = 1,4-Difluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

page 1 of 2

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Lab File ID (Standard): X011503 Date Analyzed: 01/15/21

Instrument ID: VOA6 Time Analyzed: 1701

GC Column: DB624 ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4 AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	419795	4.18				
	UPPER LIMIT	839590	4.68				
	LOWER LIMIT	209898	3.68				
	CLIENT SAMPLE NO.						
01	VLCSW-210115	390148	4.18				
02	VBLKW-210115	492676	4.18				
03	HS21010463-05	502939	4.18				
04	HS21010463-01	490138	4.18				
05	HS21010463-02	497430	4.18				
06	HS21010463-04	492589	4.18				
07	HS21010463-03	496886	4.18				
08	HS21010577-01MS	498218	4.18				
09	HS21010577-01MSD	497652	4.18				
10	HS21010463-02	511476	4.18				
11	HS21010463-03	507741	4.18				
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 = Pentafluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

page 2 of 2

FORM VIII VOA

HS21010463 8011_W_DOD Forms

ALS WO# HS21010463

PREP BATCH REPORT

Batch ID: **161670**
Prep Code: **8011_WPR**
InitSampWt/Vol 0
FinSampVol: 35
Start Date: **18-Jan-21 11:30 am**
End Date: **18-Jan-21 02:00 pm**
OriginalFac: 1
Technician:
PrepUnitFac: 1

SampID	Frac	Matrix	pH	Init Wt/Vol	FinalVol (mL)	PrepFac	SpkFac	Failsafe	TestDueDate	Comments
HS21010391-01	B	Groundwa		35	36.46	1.042	1	01-22-21	01-27-21	
HS21010391-02	B	Groundwa		35	36.7	1.049	1	01-22-21	01-27-21	
HS21010391-03	B	Groundwa		35	36.76	1.05	1	01-22-21	01-27-21	
HS21010391-04	B	Groundwa		35	37.1	1.06	1	01-22-21	01-27-21	
HS21010391-05	B	Groundwa		35	37	1.057	1	01-22-21	01-27-21	
HS21010452-03	A	Water		35	35	1	1	01-25-21	01-27-21	
HS21010452-04	A	Water		35	35	1	1	01-25-21	01-27-21	
HS21010463-01	B	Groundwa		35	37.12	1.061	1	01-22-21	01-27-21	
HS21010463-02	B	Groundwa		35	36.46	1.042	1	01-22-21	01-27-21	
HS21010463-03	B	Groundwa		35	36.47	1.042	1	01-22-21	01-27-21	
HS21010463-04	B	Groundwa		35	36.64	1.047	1	01-22-21	01-27-21	
HS21010577-01	B	Groundwa		35	36.67	1.048	1	01-27-21	01-29-21	
HS21010577-01MS	A			35	36.22	1.035	1			
HS21010577-01MSD	A			35	37.08	1.059	1			
LCS-161670	A			35	35	1	1			
LCSD-161670	A			35	35	1	1			
MBLK-161670	A			35	35	1	1			

PREP BATCH REPORT

Batch ID:	**161670**	Prep Code:	**8011_WPR**	InitSampWt/Vol	0
				FinSampVol:	35
Start Date:	**18-Jan-21 11:30 am**	End Date:	**18-Jan-21 02:00 pm**	OriginalFac:	1
Technician:				PrepUnitFac:	1

ECD-15 -Logbook

Batch: 43074 **Analyst:** Johnnie Allen
Date: 12-22-2020 **Reviewer:**
Method: 8011_W **Laboratory:** Houston
Comments:

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
1	HEX	SAMP	12-22-2020 10:11 am	1.00	35.00 mL	2.00 mL	001.D	Liquid	Y	NA
2	HEX	SAMP	12-22-2020 10:35 am	1.00	35.00 mL	2.00 mL	002.D	Liquid	Y	NA
3	HEX	SAMP	12-22-2020 10:59 am	1.00	35.00 mL	2.00 mL	003.D	Liquid	Y	NA
4	HEX	SAMP	12-22-2020 11:23 am	1.00	35.00 mL	2.00 mL	004.D	Liquid	Y	NA
5	HEX	SAMP	12-22-2020 11:47 am	1.00	35.00 mL	2.00 mL	005.D	Liquid	Y	NA
6	HEX	SAMP	12-22-2020 12:11 pm	1.00	35.00 mL	2.00 mL	006.D	Liquid	Y	NA
7	HEX	SAMP	12-22-2020 12:36 pm	1.00	35.00 mL	2.00 mL	007.D	Liquid	Y	NA
8	HEX	SAMP	12-22-2020 01:00 pm	1.00	35.00 mL	2.00 mL	008.D	Liquid	Y	NA
9	EDB-L1	ICAL1	12-22-2020 01:24 pm	1.00	35.00 mL	2.00 mL	009.D	Liquid	Y	NA
10	EDB-L2	ICAL2	12-22-2020 01:48 pm	1.00	35.00 mL	2.00 mL	010.D	Liquid	Y	NA
11	EDB-L3	ICAL3	12-22-2020 02:12 pm	1.00	35.00 mL	2.00 mL	011.D	Liquid	Y	NA
12	EDB-L4	ICAL4	12-22-2020 02:37 pm	1.00	35.00 mL	2.00 mL	012.D	Liquid	Y	NA
13	EDB-L5	ICAL5	12-22-2020 03:02 pm	1.00	35.00 mL	2.00 mL	013.D	Liquid	Y	NA
14	EDB-L6	ICAL6	12-22-2020 03:27 pm	1.00	35.00 mL	2.00 mL	014.D	Liquid	Y	NA
15	EDB-ICV	ICV	12-22-2020 03:51 pm	1.00	35.00 mL	2.00 mL	015.D	Liquid	Y	NA
16	EDB-CCV	CCV	12-22-2020 04:15 pm	1.00	35.00 mL	2.00 mL	016.D	Liquid	Y	NA
17	CCB	SAMP	12-22-2020 04:40 pm	1.00	35.00 mL	2.00 mL	017.D	Liquid	Y	NA
18	MBLK-160934	MBLK	12-22-2020 05:04 pm	1.00	35.00 mL	2.00 mL	018.D	Liquid	Y	NA
19	LCS-160934	LCS	12-22-2020 05:28 pm	1.00	35.00 mL	2.00 mL	019.D	Liquid	Y	NA
20	LCSD-160934	LCSD	12-22-2020 05:52 pm	1.00	35.00 mL	2.00 mL	020.D	Liquid	Y	NA
21	HS20120913-16	SAMP	12-22-2020 06:16 pm	1.00	35.00 mL	2.00 mL	021.D	Liquid	Y	NA
22	HS20120913-16MS	MS	12-22-2020 06:40 pm	1.00	35.00 mL	2.00 mL	022.D	Liquid	Y	NA
23	HS20120913-16MSD	MSD	12-22-2020 07:04 pm	1.00	35.00 mL	2.00 mL	023.D	Liquid	Y	NA
24	HS20120913-01	SAMP	12-22-2020 07:28 pm	1.00	35.00 mL	2.00 mL	024.D	Liquid	Y	NA
25	HS20120913-02	SAMP	12-22-2020 07:52 pm	1.00	35.00 mL	2.00 mL	025.D	Liquid	Y	NA
26	HS20120913-03	SAMP	12-22-2020 08:16 pm	1.00	35.00 mL	2.00 mL	026.D	Liquid	Y	NA
27	HEX	SAMP	12-22-2020 08:40 pm	1.00	35.00 mL	2.00 mL	027.D	Liquid	Y	NA
28	EDB-CCV	CCV	12-22-2020 09:05 pm	1.00	35.00 mL	2.00 mL	028.D	Liquid	Y	NA
29	CCB	SAMP	12-22-2020 09:29 pm	1.00	35.00 mL	2.00 mL	029.D	Liquid	Y	NA
30	HS20120913-04	SAMP	12-22-2020 09:53 pm	1.00	35.00 mL	2.00 mL	030.D	Liquid	Y	NA
31	HS20120913-05	SAMP	12-22-2020 10:17 pm	1.00	35.00 mL	2.00 mL	031.D	Liquid	Y	NA
32	HS20120913-06	SAMP	12-22-2020 10:41 pm	1.00	35.00 mL	2.00 mL	032.D	Liquid	Y	NA
33	HS20120913-07	SAMP	12-22-2020 11:05 pm	1.00	35.00 mL	2.00 mL	033.D	Liquid	Y	NA
34	HS20120913-08	SAMP	12-22-2020 11:29 pm	1.00	35.00 mL	2.00 mL	034.D	Liquid	Y	NA
35	HS20120913-09	SAMP	12-22-2020 11:54 pm	1.00	35.00 mL	2.00 mL	035.D	Liquid	Y	NA
36	HS20120913-10	SAMP	12-23-2020 12:18 am	1.00	35.00 mL	2.00 mL	036.D	Liquid	Y	NA
37	HS20120913-11	SAMP	12-23-2020 12:42 am	1.00	35.00 mL	2.00 mL	037.D	Liquid	Y	NA
38	HS20120913-12	SAMP	12-23-2020 01:06 am	1.00	35.00 mL	2.00 mL	038.D	Liquid	Y	NA
39	HEX	SAMP	12-23-2020 01:31 am	1.00	35.00 mL	2.00 mL	039.D	Liquid	Y	NA
40	EDB-CCV	CCV	12-23-2020 01:55 am	1.00	35.00 mL	2.00 mL	040.D	Liquid	Y	NA
41	CCB	SAMP	12-23-2020 02:19 am	1.00	35.00 mL	2.00 mL	041.D	Liquid	Y	NA

ECD-15 -Logbook

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
42	HS20120913-13	SAMP	12-23-2020 02:43 am	1.00	35.00 mL	2.00 mL	042.D	Liquid	Y	NA
43	HS20120913-14	SAMP	12-23-2020 03:08 am	1.00	35.00 mL	2.00 mL	043.D	Liquid	Y	NA
44	HS20120913-15	SAMP	12-23-2020 03:32 am	1.00	35.00 mL	2.00 mL	044.D	Liquid	Y	NA
45	HS20120913-17	SAMP	12-23-2020 03:56 am	1.00	35.00 mL	2.00 mL	045.D	Liquid	Y	NA
46	HS20120913-18	SAMP	12-23-2020 04:20 am	1.00	35.00 mL	2.00 mL	046.D	Liquid	Y	NA
47	HS20120732-01	SAMP	12-23-2020 04:45 am	1.00	35.00 mL	2.00 mL	047.D	Liquid	Y	NA
48	HS20120732-02	SAMP	12-23-2020 05:09 am	1.00	35.00 mL	2.00 mL	048.D	Liquid	Y	NA
49	MBLK-160935	MBLK	12-23-2020 05:33 am	1.00	35.00 mL	2.00 mL	049.D	Liquid	Y	NA
50	LCS-160935	LCS	12-23-2020 05:57 am	1.00	35.00 mL	2.00 mL	050.D	Liquid	Y	NA
51	LCSD-160935	LCSD	12-23-2020 06:22 am	1.00	35.00 mL	2.00 mL	051.D	Liquid	Y	NA
52	EDB-CCV	CCV	12-23-2020 06:46 am	1.00	35.00 mL	2.00 mL	052.D	Liquid	Y	NA
53	CCB	SAMP	12-23-2020 07:10 am	1.00	35.00 mL	2.00 mL	053.D	Liquid	Y	NA
54	HS20120732-03	SAMP	12-23-2020 07:34 am	1.00	35.00 mL	2.00 mL	054.D	Liquid	Y	NA
55	HS20120732-04	SAMP	12-23-2020 07:59 am	1.00	35.00 mL	2.00 mL	055.D	Liquid	Y	NA
56	HS20120732-05	SAMP	12-23-2020 08:23 am	1.00	35.00 mL	2.00 mL	056.D	Liquid	Y	NA
57	HS20120732-07	SAMP	12-23-2020 08:47 am	1.00	35.00 mL	2.00 mL	057.D	Liquid	Y	NA
58	HS20120732-08	SAMP	12-23-2020 09:11 am	1.00	35.00 mL	2.00 mL	058.D	Liquid	Y	NA
59	HS20120732-09	SAMP	12-23-2020 09:35 am	1.00	35.00 mL	2.00 mL	059.D	Liquid	Y	NA
60	HS20120875-01	SAMP	12-23-2020 09:59 am	1.00	35.00 mL	2.00 mL	060.D	Liquid	Y	NA
61	HS20120875-02	SAMP	12-23-2020 10:24 am	1.00	35.00 mL	2.00 mL	061.D	Liquid	Y	NA
62	HS20120875-03	SAMP	12-23-2020 10:48 am	1.00	35.00 mL	2.00 mL	062.D	Liquid	Y	NA
63	HEX	SAMP	12-23-2020 11:12 am	1.00	35.00 mL	2.00 mL	063.D	Liquid	Y	NA
64	EDB-CCV	CCV	12-23-2020 11:36 am	1.00	35.00 mL	2.00 mL	064.D	Liquid	Y	NA
65	CCB	SAMP	12-23-2020 01:14 pm	1.00	35.00 mL	2.00 mL	065A.D	Liquid	Y	NA
66	HS20120875-04	SAMP	12-23-2020 01:38 pm	1.00	35.00 mL	2.00 mL	066.D	Liquid	Y	NA
67	HS20120875-05	SAMP	12-23-2020 02:03 pm	1.00	35.00 mL	2.00 mL	067.D	Liquid	Y	NA
68	HS20120875-06	SAMP	12-23-2020 02:27 pm	1.00	35.00 mL	2.00 mL	068.D	Liquid	Y	NA
69	HS20120875-07	SAMP	12-23-2020 02:51 pm	1.00	35.00 mL	2.00 mL	069.D	Liquid	Y	NA
70	HS20120875-08	SAMP	12-23-2020 03:15 pm	1.00	35.00 mL	2.00 mL	070.D	Liquid	Y	NA
71	HS20120875-10	SAMP	12-23-2020 03:39 pm	1.00	35.00 mL	2.00 mL	071.D	Liquid	Y	NA
72	HS20120875-11	SAMP	12-23-2020 04:03 pm	1.00	35.00 mL	2.00 mL	072.D	Liquid	Y	NA
73	HS20120875-12	SAMP	12-23-2020 04:27 pm	1.00	35.00 mL	2.00 mL	073.D	Liquid	Y	NA
74	HS20120875-13	SAMP	12-23-2020 04:51 pm	1.00	35.00 mL	2.00 mL	074.D	Liquid	Y	NA
75	HEX	SAMP	12-23-2020 05:15 pm	1.00	35.00 mL	2.00 mL	075.D	Liquid	Y	NA
76	EDB-CCV	CCV	12-23-2020 05:39 pm	1.00	35.00 mL	2.00 mL	076.D	Liquid	Y	NA
77	CCB	SAMP	12-23-2020 06:03 pm	1.00	35.00 mL	2.00 mL	077.D	Liquid	Y	NA
78	HS20120875-14	SAMP	12-23-2020 06:27 pm	1.00	35.00 mL	2.00 mL	078.D	Liquid	Y	NA
79	HS20120875-15	SAMP	12-23-2020 06:50 pm	1.00	35.00 mL	2.00 mL	079.D	Liquid	Y	NA
80	MBLK-160936	MBLK	12-23-2020 07:14 pm	1.00	35.00 mL	2.00 mL	080.D	Liquid	Y	NA
81	LCS-160936	LCS	12-23-2020 07:38 pm	1.00	35.00 mL	2.00 mL	081.D	Liquid	Y	NA
82	LCSD-160936	LCSD	12-23-2020 08:02 pm	1.00	35.00 mL	2.00 mL	082.D	Liquid	Y	NA
83	HS20120875-17	SAMP	12-23-2020 08:26 pm	1.00	35.00 mL	2.00 mL	083.D	Liquid	Y	NA
84	HS20120875-18	SAMP	12-23-2020 08:50 pm	1.00	35.00 mL	2.00 mL	084.D	Liquid	Y	NA
85	HS20120875-19	SAMP	12-23-2020 09:14 pm	1.00	35.00 mL	2.00 mL	085.D	Liquid	Y	NA
86	HS20120875-20	SAMP	12-23-2020 09:38 pm	1.00	35.00 mL	2.00 mL	086.D	Liquid	Y	NA

ECD-15 -Logbook

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
87	HEX	SAMP	12-23-2020 10:03 pm	1.00	35.00 mL	2.00 mL	087.D	Liquid	Y	NA
88	EDB-CCV	CCV	12-23-2020 10:27 pm	1.00	35.00 mL	2.00 mL	088.D	Liquid	Y	NA
89	CCB	SAMP	12-23-2020 10:51 pm	1.00	35.00 mL	2.00 mL	089.D	Liquid	Y	NA
90	HS20120875-22	SAMP	12-23-2020 11:15 pm	1.00	35.00 mL	2.00 mL	090.D	Liquid	Y	NA
91	HS20120875-23	SAMP	12-23-2020 11:40 pm	1.00	35.00 mL	2.00 mL	091.D	Liquid	Y	NA
92	HS20120875-24	SAMP	12-24-2020 12:04 am	1.00	35.00 mL	2.00 mL	092.D	Liquid	Y	NA
93	HS20120875-25	SAMP	12-24-2020 12:28 am	1.00	35.00 mL	2.00 mL	093.D	Liquid	Y	NA
94	HS20120875-26	SAMP	12-24-2020 12:53 am	1.00	35.00 mL	2.00 mL	094.D	Liquid	Y	NA
95	HS20120875-27	SAMP	12-24-2020 01:17 am	1.00	35.00 mL	2.00 mL	095.D	Liquid	Y	NA
96	HS20120875-28	SAMP	12-24-2020 01:41 am	1.00	35.00 mL	2.00 mL	096.D	Liquid	Y	NA
97	HS20120960-01	SAMP	12-24-2020 02:05 am	1.00	35.00 mL	2.00 mL	097.D	Liquid	Y	NA
98	HS20120960-02	SAMP	12-24-2020 02:29 am	1.00	35.00 mL	2.00 mL	098.D	Liquid	Y	NA
99	HEX	SAMP	12-24-2020 02:53 am	1.00	35.00 mL	2.00 mL	099.D	Liquid	Y	NA
100	EDB-CCV	CCV	12-24-2020 03:17 am	1.00	35.00 mL	2.00 mL	100.D	Liquid	Y	NA
101	CCB	SAMP	12-24-2020 03:42 am	1.00	35.00 mL	2.00 mL	101.D	Liquid	Y	NA
102	HS20120960-03	SAMP	12-24-2020 04:06 am	1.00	35.00 mL	2.00 mL	102.D	Liquid	Y	NA
103	HS20120960-04	SAMP	12-24-2020 04:29 am	1.00	35.00 mL	2.00 mL	103.D	Liquid	Y	NA
104	HS20120960-05	SAMP	12-24-2020 04:53 am	1.00	35.00 mL	2.00 mL	104.D	Liquid	Y	NA
105	HS20120960-06	SAMP	12-24-2020 05:17 am	1.00	35.00 mL	2.00 mL	105.D	Liquid	Y	NA
106	HS20120960-07	SAMP	12-24-2020 05:41 am	1.00	35.00 mL	2.00 mL	106.D	Liquid	Y	NA
107	HS20120960-08	SAMP	12-24-2020 06:05 am	1.00	35.00 mL	2.00 mL	107.D	Liquid	Y	NA
108	HS20120960-10	SAMP	12-24-2020 06:29 am	1.00	35.00 mL	2.00 mL	108.D	Liquid	Y	NA
109	HEX	SAMP	12-24-2020 06:53 am	1.00	35.00 mL	2.00 mL	109.D	Liquid	Y	NA
110	EDB-CCV	CCV	12-24-2020 07:16 am	1.00	35.00 mL	2.00 mL	110.D	Liquid	Y	NA
111	CCB	SAMP	12-24-2020 07:40 am	1.00	35.00 mL	2.00 mL	111.D	Liquid	Y	NA
112	HEX	SAMP	12-28-2020 09:45 am	1.00	35.00 mL	2.00 mL	112.D	Liquid	Y	NA
113	EDB-CCV	SAMP	12-28-2020 10:09 am	1.00	35.00 mL	2.00 mL	113.D	Liquid	Y	NA
114	CCB	SAMP	12-28-2020 10:33 am	1.00	35.00 mL	2.00 mL	114.D	Liquid	Y	NA
115	HS20120913-14	SAMP	12-28-2020 10:58 am	4000.0	35.00 mL	2.00 mL	115.D	Liquid	Y	NA
116	HS20120913-17	SAMP	12-28-2020 11:22 am	40.00	35.00 mL	2.00 mL	116.D	Liquid	Y	NA
117	EDB-CCV	CCV	12-28-2020 11:46 am	1.00	35.00 mL	2.00 mL	117.D	Liquid	Y	NA
118	CCB	SAMP	12-28-2020 12:10 pm	1.00	35.00 mL	2.00 mL	118.D	Liquid	Y	NA
119	HS20120913-14	SAMP	12-28-2020 12:53 pm	20000.(	35.00 mL	2.00 mL	119.D	Liquid	Y	NA
120	EDB-CCV	CCV	12-28-2020 01:17 pm	1.00	35.00 mL	2.00 mL	120.D	Liquid	Y	NA
121	CCB	SAMP	12-28-2020 01:41 pm	1.00	35.00 mL	2.00 mL	121.D	Liquid	Y	NA

FORM 3
WATER OTHER METHOD SPIKE RECOVERY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Matrix Spike - Sample No.: EDB-ICV

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE AMOUNT ()	% REC #	QC. LIMITS REC.
TCP	0.100000	0.097740	98	70-130
DBCP	0.100000	0.096283	96	70-130
EDB	0.100000	0.097369	97	70-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM III OTHER

FORM 3
WATER OTHER METHOD SPIKE RECOVERY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Matrix Spike - Sample No.: EDB-ICV

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE AMOUNT ()	% REC #	QC. LIMITS REC.
EDB	0.100000	0.094870	95	70-130
DBCP	0.100000	0.091480	91	70-130
TCP	0.100000	0.097368	97	70-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM III OTHER

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Instrument ID: ECD-15 Calibration Date(s): 12/22/20 12/22/20

Column: RTX-CLP ID: 0.50 (mm) Calibration Time(s): 1324 1527

LAB FILE ID: RF0.02: 009 RF0.04: 010 RF0.1: 011
RF0.2: 012 RF0.3: 013 RF0.4: 014

COMPOUND	RF0.02	RF0.04	RF0.1	RF0.2	RF0.3	RF0.4
TCP	55900.000	58325.000	64480.000	62015.000	59866.667	61107.500
DBCP	1233050.0	1144000.0	1068260.0	1042845.0	1028506.7	1031842.5
EDB	578650.00	555125.00	543000.00	543600.00	544183.33	539915.00

FORM VI OTHER

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS2101046

Instrument ID: ECD-15 Calibration Date(s): 12/22/20 12/22/20

Column: RTX-CLP ID: 0.50 (mm) Calibration Time(s): 1324 1527

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2
TCP	AVRG	60282.3611	4.950	20.000
DBCP	AVRG	1091417.36	7.469	20.000
EDB	AVRG	550745.556	2.655	20.000

FORM VI OTHER

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Instrument ID: ECD-15 Calibration Date(s): 12/22/20 12/22/20

Column: RTX-CLP2 ID: 0.50 (mm) Calibration Time(s): 1324 1527

LAB FILE ID: RF0.02: 009 RF0.04: 010 RF0.1: 011
RF0.2: 012 RF0.3: 013 RF0.4: 014

COMPOUND	RF0.02	RF0.04	RF0.1	RF0.2	RF0.3	RF0.4
EDB	264650.00	264125.00	261570.00	259095.00	257620.00	261077.50
DBCP	627200.00	598525.00	592800.00	549470.00	538753.33	540477.50
TCP	39850.000	37200.000	36490.000	37355.000	37040.000	37537.500

FORM VI OTHER

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS2101046

Instrument ID: ECD-15 Calibration Date(s): 12/22/20 12/22/20

Column: RTX-CLP2 ID: 0.50 (mm) Calibration Time(s): 1324 1527

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2
EDB	AVRG	261356.250	1.051	20.000
DBCP	AVRG	574537.639	6.396	20.000
TCP	AVRG	37578.7500	3.110	20.000

FORM VI OTHER

ECD-15 -Logbook

Batch: 43070 **Analyst:** Johnnie Allen
Date: 01-18-2021 **Reviewer:**
Method: 8011_W **Laboratory:** Houston
Comments:

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
1	HEX	SAMP	01-18-2021 03:21 pm	1.00	35.00 mL	2.00 mL	001.D	Liquid	Y	NA
2	HEX	SAMP	01-18-2021 03:45 pm	1.00	35.00 mL	2.00 mL	002.D	Liquid	Y	NA
3	HEX	SAMP	01-18-2021 04:09 pm	1.00	35.00 mL	2.00 mL	003.D	Liquid	Y	NA
4	HEX	SAMP	01-18-2021 04:34 pm	1.00	35.00 mL	2.00 mL	004.D	Liquid	Y	NA
5	HEX	SAMP	01-18-2021 04:58 pm	1.00	35.00 mL	2.00 mL	005.D	Liquid	Y	NA
6	HEX	SAMP	01-18-2021 05:23 pm	1.00	35.00 mL	2.00 mL	006.D	Liquid	Y	NA
7	EDB-ICV	ICV	01-18-2021 06:07 pm	1.00	35.00 mL	2.00 mL	007.D	Liquid	Y	NA
8	EDB-CCV	CCV	01-18-2021 06:31 pm	1.00	35.00 mL	2.00 mL	008.D	Liquid	Y	NA
9	CCB	SAMP	01-18-2021 06:56 pm	1.00	35.00 mL	2.00 mL	009.D	Liquid	Y	NA
10	MBLK-161670	MBLK	01-18-2021 07:20 pm	1.00	35.00 mL	2.00 mL	010.D	Liquid	Y	NA
11	LCS-161670	LCS	01-18-2021 07:45 pm	1.00	35.00 mL	2.00 mL	011.D	Liquid	Y	NA
12	LCSD-161670	LCSD	01-18-2021 08:09 pm	1.00	35.00 mL	2.00 mL	012.D	Liquid	Y	NA
13	HS21010577-01	SAMP	01-18-2021 08:33 pm	1.00	35.00 mL	2.00 mL	013.D	Liquid	Y	NA
14	HS21010577-01MS	MS	01-18-2021 08:58 pm	1.00	35.00 mL	2.00 mL	014.D	Liquid	Y	NA
15	HS21010577-01MSD	MSD	01-18-2021 09:22 pm	1.00	35.00 mL	2.00 mL	015.D	Liquid	Y	NA
16	HS21010391-01	SAMP	01-18-2021 09:47 pm	1.00	35.00 mL	2.00 mL	016.D	Liquid	Y	NA
17	HS21010391-02	SAMP	01-18-2021 10:11 pm	1.00	35.00 mL	2.00 mL	017.D	Liquid	Y	NA
18	HS21010391-03	SAMP	01-18-2021 10:35 pm	1.00	35.00 mL	2.00 mL	018.D	Liquid	Y	NA
19	HEX	SAMP	01-18-2021 11:00 pm	1.00	35.00 mL	2.00 mL	019.D	Liquid	Y	NA
20	EDB-CCV	CCV	01-18-2021 11:24 pm	1.00	35.00 mL	2.00 mL	020.D	Liquid	Y	NA
21	CCB	SAMP	01-18-2021 11:49 pm	1.00	35.00 mL	2.00 mL	021.D	Liquid	Y	NA
22	HS21010452-03	SAMP	01-19-2021 12:13 am	1.00	35.00 mL	2.00 mL	022.D	Liquid	Y	NA
23	HS21010452-04	SAMP	01-19-2021 12:37 am	1.00	35.00 mL	2.00 mL	023.D	Liquid	Y	NA
24	HS21010391-04	SAMP	01-19-2021 01:02 am	1.00	35.00 mL	2.00 mL	024.D	Liquid	Y	NA
25	HS21010391-05	SAMP	01-19-2021 01:26 am	1.00	35.00 mL	2.00 mL	025.D	Liquid	Y	NA
26	HS21010463-01	SAMP	01-19-2021 01:51 am	1.00	35.00 mL	2.00 mL	026.D	Liquid	Y	NA
27	HS21010463-02	SAMP	01-19-2021 02:15 am	1.00	35.00 mL	2.00 mL	027.D	Liquid	Y	NA
28	HS21010463-03	SAMP	01-19-2021 02:40 am	1.00	35.00 mL	2.00 mL	028.D	Liquid	Y	NA
29	HS21010463-04	SAMP	01-19-2021 03:04 am	1.00	35.00 mL	2.00 mL	029.D	Liquid	Y	NA
30	HEX	SAMP	01-19-2021 03:28 am	1.00	35.00 mL	2.00 mL	030.D	Liquid	Y	NA
31	EDB-CCV	CCV	01-19-2021 03:53 am	1.00	35.00 mL	2.00 mL	031.D	Liquid	Y	NA
32	CCB	SAMP	01-19-2021 04:17 am	1.00	35.00 mL	2.00 mL	032.D	Liquid	Y	NA

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Instrument ID: ECD-15 Calibration Date: 01/18/21 Time: 1831

Lab File ID: 008 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
TCP	60282.361	53415.000	0.001	11.39	30.00	AVRG
DBCP	1091417.4	932295.00	0.001	14.58	30.00	AVRG
EDB	550745.56	481245.00	0.001	12.62	30.00	AVRG

FORM VII OTHER

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Instrument ID: ECD-15 Calibration Date: 01/18/21 Time: 1831

Lab File ID: 008 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP2 ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
EDB	261356.25	264835.00	0.001	-1.33	30.00	AVRG
DBCP	574537.64	519035.00	0.001	9.66	30.00	AVRG
TCP	37578.750	36885.000	0.001	1.85	30.00	AVRG

FORM VII OTHER

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Instrument ID: ECD-15 Calibration Date: 01/18/21 Time: 2324

Lab File ID: 020 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
TCP	60282.361	55950.000	0.001	7.19	30.00	AVRG
DBCP	1091417.4	873985.00	0.001	19.92	30.00	AVRG
EDB	550745.56	456320.00	0.001	17.14	30.00	AVRG

FORM VII OTHER

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Instrument ID: ECD-15 Calibration Date: 01/18/21 Time: 2324

Lab File ID: 020 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP2 ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
EDB	261356.25	239570.00	0.001	8.34	30.00	AVRG
DBCP	574537.64	524240.00	0.001	8.75	30.00	AVRG
TCP	37578.750	35735.000	0.001	4.91	30.00	AVRG

FORM VII OTHER

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Instrument ID: ECD-15 Calibration Date: 01/19/21 Time: 0353

Lab File ID: 031 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
TCP	60282.361	55815.000	0.001	7.41	30.00	AVRG
DBCP	1091417.4	1190735.0	0.001	-9.10	30.00	AVRG
EDB	550745.56	478440.00	0.001	13.13	30.00	AVRG

FORM VII OTHER

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Instrument ID: ECD-15 Calibration Date: 01/19/21 Time: 0353

Lab File ID: 031 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP2 ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
EDB	261356.25	270845.00	0.001	-3.63	30.00	AVRG
DBCP	574537.64	472520.00	0.001	17.76	30.00	AVRG
TCP	37578.750	32945.000	0.001	12.33	30.00	AVRG

FORM VII OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
HS21010463-03

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010463

Lab Sample ID: HS21010463-03 Date(s) Analyzed: 01/19/21 01/19/21

Instrument ID (1): ECD-15 Instrument ID (2): ECD-15

GC Column(1): RTX-CLP ID: 0.50(mm) GC Column(2): RTX-CLP2 ID: 0.50(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	RPD
TCP	1	9.79	9.67	9.81	0.125376	
	2	10.84	10.73	10.87	0.308472	84.4
EDB	1	5.73	5.65	5.79	0.272726	
	2	7.36	7.28	7.42	0.297586	8.7
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

page 1 of 1

OTHER

HS21010463 - ME - ICP_DISSICP_W_DOD

ALS WO# HS21010463

ALS Houston, US Date: 19-Feb-21

Form 11 - INTERNAL STANDARD ASSOCIATION

Client: Aptim Environmental & Infrastucture, Inc. Instrument:ICPMS05
Project: KAFB ROS
WorkOrder: HS21010463

Mass	Analyte	Assoc Int Standard 1	Assoc Int Standard 2	Mode
9	Beryllium	Lithium		Ar
11	Boron	Lithium		Ar
23	Sodium	Germanium		Ar
24	Magnesium	Germanium		Ar
27	Aluminum	Germanium		Ar
39	Potassium	Germanium		Ar
44	Calcium	Germanium		Ar
47	Titanium	Germanium		Ar
51	Vanadium	Germanium		ArHe
52	Chromium	Germanium		ArHe
55	Manganese	Germanium		ArHe
56	Iron	Germanium		ArHe
59	Cobalt	Germanium		ArHe
60	Nickel	Germanium		ArHe
63	Copper	Germanium		ArHe
66	Zinc	Germanium		ArHe
75	Arsenic	Germanium		ArHe
78	Selenium	Germanium		ArHe
88	Strontium	Germanium		Ar
95	Molybdenum	Germanium		Ar
105	Palladium	Germanium		Ar
107	Silver	Germanium		Ar
114	Cadmium	Indium		Ar
118	Tin	Germanium		Ar
121	Antimony	Germanium		ArHe
137	Barium	Indium		Ar
205	Thallium	Bismuth		Ar
208	Lead	Bismuth		Ar

ALS Houston, US Date: 19-Feb-21

FORM 12 - PREPARATION LOG

Client: Aptim Environmental & Infrastucture, Inc. Batch ID: 161677
Project: KAFB ROS Prep Code: 3010A
WorkOrder: HS21010463 Method: SW3010A
Start Date: 19-Jan-2021 11:00 End Date: 19-Jan-2021 15:00 Technician:

SampID	ClientID	Matrix	Init Wt	Init Vol	FinalVol (mL)	PrepFac
HS21010463-01	106MW1I-LTM-011211	Groundwater		10	10	1
HS21010463-02	106EX1-LTM-011221	Groundwater		10	10	1
HS21010463-03	106MW1S-LTM-011221	Groundwater		10	10	1
HS21010463-04	106IN1-LTM-011221	Groundwater		10	10	1
HS21010577-01MS				10	10	1
HS21010577-01MSD				10	10	1
HS21010577-01PDS				10	10	1
HS21010577-01SD				10	10	1
LCS-161677				10	10	1
MBLK-161677				10	10	1

ALS Houston, US Date: 19-Feb-21

FORM 12 - PREPARATION LOG

Client: Aptim Environmental & Infrastucture, Inc. Batch ID: 161680
Project: KAFB ROS Prep Code: 3010A Diss
WorkOrder: HS21010463 Method: SW3010A
Start Date: 19-Jan-2021 14:00 End Date: 19-Jan-2021 18:00 Technician:

SampID	ClientID	Matrix	Init Wt	Init Vol	FinalVol (mL)	PrepFac
HS21010463-01	106MW1I-LTM-011211	Groundwater		10	10	1
HS21010463-02	106EX1-LTM-011221	Groundwater		10	10	1
HS21010463-03	106MW1S-LTM-011221	Groundwater		10	10	1
HS21010463-04	106IN1-LTM-011221	Groundwater		10	10	1
HS21010577-01MS				10	10	1
HS21010577-01MSD				10	10	1
HS21010577-01PDS				10	10	1
HS21010577-01SD				10	10	1
LCS-161680				10	10	1
MBLK-161680				10	10	1
MBLKF1-161680				10	10	1

ALS Houston, US Date: 19-Feb-21

FORM 13 - ANALYSIS RUN LOG

Client: Aptim Environmental & Infrastucture, Inc. Run ID:ICPMS05_376970
Project: KAFB ROS Instrument:ICPMS05
WorkOrder: HS21010463 Method:
Start Date: 26-Jan-2021 End Date: 27-Jan-2021

Sample No.	D/F	Time	FileID	Analytes
ICPMS05_376970_Tune	1	26-Jan-2021 02:00	ICPMS05_376970_Tune_1	
CAL BLK	1	26-Jan-2021 12:34	008CALB.d_5931963	FE MN PB
2/10/200	1	26-Jan-2021 12:36	009CALS.d_5931964	FE MN PB
5/25/500	1	26-Jan-2021 12:38	010CALS.d_5931965	FE MN PB
10/50/1000	1	26-Jan-2021 12:40	011CALS.d_5931966	FE MN PB
100/500/10K	1	26-Jan-2021 12:42	012CALS.d_5931967	FE MN PB
200/1000/20K	1	26-Jan-2021 12:44	013CALS.d_5931968	FE MN PB
ICV	1	26-Jan-2021 12:48	015_ICV.d_5931970	FE MN PB
LLICV2	1	26-Jan-2021 12:50	016LCV2.d_5931971	FE MN PB
LLICV5	1	26-Jan-2021 12:52	017LCV5.d_5931972	FE MN PB
ICB	1	26-Jan-2021 12:54	018_ICB.d_5931973	FE MN PB
ICSA	1	26-Jan-2021 12:58	020ICSA.d_5931975	FE MN PB
ICSAB	1	26-Jan-2021 13:00	021ICSB.d_5931976	FE MN PB
CAL BLK	1	27-Jan-2021 00:19	263CALB.d_5931980	FE MN PB
2/10/200	1	27-Jan-2021 00:21	264CALS.d_5931981	FE MN PB
5/25/500	1	27-Jan-2021 00:23	265CALS.d_5931982	FE MN PB
10/50/1000	1	27-Jan-2021 00:25	266CALS.d_5931983	FE MN PB
100/500/10K	1	27-Jan-2021 00:27	267CALS.d_5931984	FE MN PB
200/1000/20K	1	27-Jan-2021 00:29	268CALS.d_5931985	FE MN PB
ICV	1	27-Jan-2021 00:33	270_ICV.d_5931987	FE MN PB
LLICCV2	1	27-Jan-2021 00:35	271LCV2.d_5931988	FE MN PB
LLICCV5	1	27-Jan-2021 00:37	272LCV5.d_5931989	FE MN PB
ICCB 1	1	27-Jan-2021 00:39	273_ICB.d_5931990	FE MN PB
CCV 1	1	27-Jan-2021 01:44	305_CCV.d_5931992	FE MN PB
CCB 2	1	27-Jan-2021 01:46	306_CCB.d_5931993	FE MN PB
ICSA	1	27-Jan-2021 01:48	307ICSA.d_5931994	FE MN PB
ICSAB	1	27-Jan-2021 01:50	308ICSB.d_5931995	FE MN PB
MBLK-161677	1	27-Jan-2021 01:55	310SMPL.d_5931997	PB
LCS-161677	1	27-Jan-2021 01:57	311SMPL.d_5931998	PB
ZZZZZZSD	5	27-Jan-2021 02:01	313SMPL.d_5932000	PB
ZZZZZZMS	1	27-Jan-2021 02:03	314SMPL.d_5932001	PB
ZZZZZZMSD	1	27-Jan-2021 02:05	315SMPL.d_5932002	PB
ZZZZZZPDS	1	27-Jan-2021 02:07	316SMPL.d_5932003	PB
CCV 2	1	27-Jan-2021 02:09	317_CCV.d_5932004	FE MN PB
CCB 3	1	27-Jan-2021 02:11	318_CCB.d_5932005	FE MN PB
CCV 3	1	27-Jan-2021 02:28	326_CCV.d_5932013	FE MN PB
CCB 4	1	27-Jan-2021 02:30	327_CCB.d_5932014	FE MN PB
106MW1I-LTM-011211	1	27-Jan-2021 02:32	328SMPL.d_5932015	PB
106EX1-LTM-011221	1	27-Jan-2021 02:34	329SMPL.d_5932016	PB
106MW1S-LTM-011221	1	27-Jan-2021 02:36	330SMPL.d_5932017	PB
106IN1-LTM-011221	1	27-Jan-2021 02:38	331SMPL.d_5932018	PB
CCV 4	1	27-Jan-2021 02:43	333_CCV.d_5932020	FE MN PB
CCB 5	1	27-Jan-2021 02:45	334_CCB.d_5932021	FE MN PB
MBLK-161680	1	27-Jan-2021 02:47	335SMPL.d_5932073	FE MN
MBLKF1-161680	1	27-Jan-2021 02:49	336SMPL.d_5932074	FE MN
LCS-161680	1	27-Jan-2021 02:51	337SMPL.d_5932075	FE MN
ZZZZZZSD	5	27-Jan-2021 02:56	339SMPL.d_5932077	FE
ZZZZZZMS	1	27-Jan-2021 02:58	340SMPL.d_5932078	FE MN
ZZZZZZMSD	1	27-Jan-2021 03:00	341SMPL.d_5932057	FE MN
ZZZZZZPDS	1	27-Jan-2021 03:02	342SMPL.d_5932058	FE
CCV 5	1	27-Jan-2021 03:04	343_CCV.d_5932059	FE MN PB

ALS Houston, US Date: 19-Feb-21

FORM 13 - ANALYSIS RUN LOG

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463
Start Date: 26-Jan-2021 End Date: 27-Jan-2021

Run ID:ICPMS05_376970
Instrument:ICPMS05
Method:

Sample No.	D/F	Time	FileID	Analytes
CCB 6	1	27-Jan-2021 03:06	344_CCB.d_5932060	FE MN PB
106MW1I-LTM-011211	1	27-Jan-2021 03:19	350SMPL.d_5932066	FE
106EX1-LTM-011221	1	27-Jan-2021 03:21	351SMPL.d_5932067	FE
106MW1S-LTM-011221	1	27-Jan-2021 03:23	352SMPL.d_5932068	FE
106IN1-LTM-011221	1	27-Jan-2021 03:26	353SMPL.d_5932069	FE
CCV 6	1	27-Jan-2021 03:30	355_CCV.d_5932071	FE MN PB
CCB 7	1	27-Jan-2021 03:32	356_CCB.d_5932072	FE MN PB
CCV 7	1	27-Jan-2021 04:25	380_CCV.d_5932103	FE MN PB
CCB 8	1	27-Jan-2021 04:27	381_CCB.d_5932104	FE MN PB
LLICV2	1	27-Jan-2021 04:32	383LCV2.d_5932106	FE MN PB
LLICV5	1	27-Jan-2021 04:34	384LCV5.d_5932107	FE MN PB
ICSA	1	27-Jan-2021 04:36	385ICSA.d_5932108	FE MN PB
ICSAB	1	27-Jan-2021 04:38	386ICSB.d_5932109	FE MN PB

ALS Houston, US Date: 19-Feb-21

FORM 13 - ANALYSIS RUN LOG

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463
Start Date: 27-Jan-2021 End Date: 27-Jan-2021

Run ID:ICPMS05_377005
Instrument:ICPMS05
Method:

Sample No.	D/F	Time	FileID	Analytes
ICPMS05_377005_Tune	1	27-Jan-2021 02:00	ICPMS05_377005_Tune_1	
CAL BLK	1	27-Jan-2021 13:43	012CALB.d_5932741	MN
2/10/200	1	27-Jan-2021 13:45	013CALS.d_5932742	MN
5/25/500	1	27-Jan-2021 13:47	014CALS.d_5932743	MN
10/50/1000	1	27-Jan-2021 13:49	015CALS.d_5932744	MN
100/500/10K	1	27-Jan-2021 13:51	016CALS.d_5932745	MN
200/1000/20K	1	27-Jan-2021 13:53	017CALS.d_5932746	MN
ICV	1	27-Jan-2021 13:57	019_ICV.d_5932748	MN PB
LLICV2	1	27-Jan-2021 13:59	020LCV2.d_5932749	MN
LLICV5	1	27-Jan-2021 14:01	021LCV5.d_5932750	MN
ICB	1	27-Jan-2021 14:12	022_ICB.d_5932751	MN PB
ICSA	1	27-Jan-2021 14:14	023ICSA.d_5932752	MN
ICSAB	1	27-Jan-2021 14:16	024ICSB.d_5932753	MN
ZZZZZZSD	500	27-Jan-2021 14:24	028SMPL.d_5932757	MN
ZZZZZZPDS	100	27-Jan-2021 14:26	029SMPL.d_5932758	MN
106MW1I-LTM-011211	50	27-Jan-2021 14:38	035SMPL.d_5932764	MN
CCB 1	1	27-Jan-2021 14:42	037_CCB.d_5932766	MN
CCV 1	1	27-Jan-2021 14:44	038_CCV.d_5932767	MN
106EX1-LTM-011221	50	27-Jan-2021 14:47	039SMPL.d_5932768	MN
106MW1S-LTM-011221	50	27-Jan-2021 14:49	040SMPL.d_5932769	MN
106IN1-LTM-011221	50	27-Jan-2021 14:51	041SMPL.d_5932770	MN
CCV 2	1	27-Jan-2021 15:07	049_CCV.d_5932786	MN
CCB 2	1	27-Jan-2021 15:09	050_CCB.d_5932787	MN

ALS Houston, US Date: 19-Feb-21

Form 2 - Initial and Continuing Calibration Verification

Client: Aptim Environmental & Infrastucture, Inc. Run ID: ICPMS05_376970
Project: KAFB ROS Instrument: ICPMS05
WorkOrder: HS21010463 Method: SW6020

ICV	Date: 26-Jan-2021 12:48		Seq: 5931970	ICV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10380.466	104	90-110	
Lead	100	103.364	103	90-110	
Manganese	100	106.828	107	90-110	
ICV	Date: 27-Jan-2021 00:33		Seq: 5931987	ICV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	9796.017	98	90-110	
Lead	100	99.548	100	90-110	
Manganese	100	97.861	98	90-110	
CCV1	Date: 27-Jan-2021 01:44		Seq: 5931992	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10511.52	105	90-110	
Lead	100	104.945	105	90-110	
Manganese	100	105.574	106	90-110	
CCV2	Date: 27-Jan-2021 02:09		Seq: 5932004	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10450.583	105	90-110	
Lead	100	103.326	103	90-110	
Manganese	100	107.357	107	90-110	
CCV3	Date: 27-Jan-2021 02:28		Seq: 5932013	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10398.018	104	90-110	
Lead	100	102.363	102	90-110	
Manganese	100	107.018	107	90-110	
CCV4	Date: 27-Jan-2021 02:43		Seq: 5932020	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10354.508	104	90-110	
Lead	100	100.048	100	90-110	
Manganese	100	104.008	104	90-110	
CCV5	Date: 27-Jan-2021 03:04		Seq: 5932059	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10136.38	101	90-110	
Lead	100	101.478	101	90-110	
Manganese	100	104.034	104	90-110	
CCV6	Date: 27-Jan-2021 03:30		Seq: 5932071	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	9773.187	98	90-110	
Lead	100	95.78	96	90-110	
Manganese	100	98.186	98	90-110	
CCV7	Date: 27-Jan-2021 04:25		Seq: 5932103	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	9507.528	95	90-110	
Lead	100	92.397	92	90-110	
Manganese	100	95.348	95	90-110	

ALS Houston, US Date: 19-Feb-21

Form 2 - Initial and Continuing Calibration Verification

Client: Aptim Environmental & Infrastucture, Inc. Run ID: ICPMS05_377005
Project: KAFB ROS Instrument: ICPMS05
WorkOrder: HS21010463 Method: SW6020

ICV	Date: 27-Jan-2021 13:57		Seq: 5932748	ICV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Manganese	100	91.257	91	90-110	

CCV1	Date: 27-Jan-2021 14:44		Seq: 5932767	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Manganese	100	91.67	92	90-110	

CCV2	Date: 27-Jan-2021 15:07		Seq: 5932786	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Manganese	100	91.033	91	90-110	

ALS Houston, US Date: 19-Feb-21

Form 3 - BLANKS

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

Run ID: ICPMS05_376970
Instrument: ICPMS05
Method: SW6020

ICB	Date: 26-Jan-2021 12:54		Seq: 5931973	ICB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	5	0.6	5	U	
Manganese	5	0.7	5	U	
ICCB1	Date: 27-Jan-2021 00:39		Seq: 5931990	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	5	0.6	5	U	
Manganese	5	0.7	5	U	
CCB2	Date: 27-Jan-2021 01:46		Seq: 5931993	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	5	0.7	5	U	
MBLK-161677	Date: 27-Jan-2021 01:55		Seq: 5931997	MBLK	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Lead	5	0.6	5	U	
CCB3	Date: 27-Jan-2021 02:11		Seq: 5932005	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	5	0.7	5	U	
CCB4	Date: 27-Jan-2021 02:30		Seq: 5932014	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	0.972	0.7	5	J	
CCB5	Date: 27-Jan-2021 02:45		Seq: 5932021	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	5	0.7	5	U	
MBLK-161680	Date: 27-Jan-2021 02:47		Seq: 5932073	MBLK	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	13.71	12	200	J	
Manganese	0.758	0.7	5	J	
MBLKF1-161680	Date: 27-Jan-2021 02:49		Seq: 5932074	MBLK	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Manganese	5	0.7	5	U	
CCB6	Date: 27-Jan-2021 03:06		Seq: 5932060	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	0.714	0.7	5	J	

ALS Houston, US Date: 19-Feb-21

Form 3 - BLANKS

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

Run ID: ICPMS05_376970
Instrument: ICPMS05
Method: SW6020

CCB7	Date: 27-Jan-2021 03:32		Seq: 5932072	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	5	0.7	5	U	

CCB8	Date: 27-Jan-2021 04:27		Seq: 5932104	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	5	0.7	5	U	

ALS Houston, US Date: 19-Feb-21

Form 3 - BLANKS

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

Run ID: ICPMS05_377005
Instrument: ICPMS05
Method: SW6020

ICB	Date: 27-Jan-2021 14:12		Seq: 5932751	ICB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Manganese	5	0.7	5	U	

CCB1	Date: 27-Jan-2021 14:42		Seq: 5932766	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Manganese	5	0.7	5	U	

CCB2	Date: 27-Jan-2021 15:09		Seq: 5932787	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Manganese	5	0.7	5	U	

ALS Houston, US Date: 19-Feb-21

Form 4 - ICP Interference Check Sample

Client: Aptim Environmental & Infrastucture, Inc. Run ID:ICPMS05_376970
Project: KAFB ROS Instrument:ICPMS05
WorkOrder: HS21010463 Method:SW6020

ICSA	Date: 26-Jan-2021 12:58	Seq: 5931975	ICSA	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	100000	99340	99.3	
Lead		0.033	0	
Manganese		0.129	0	
ICSAB	Date: 26-Jan-2021 13:00	Seq: 5931976	ICSAB	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	110000	97700	88.8	
Lead	100	106.1	106	
Manganese	100	92.73	92.7	
ICSA	Date: 27-Jan-2021 01:48	Seq: 5931994	ICSA	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	100000	102200	102	
Lead		0.046	0	
Manganese		0.123	0	
ICSAB	Date: 27-Jan-2021 01:50	Seq: 5931995	ICSAB	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	110000	110800	101	
Lead	100	101	101	
Manganese	100	100.4	100	
ICSA	Date: 27-Jan-2021 04:36	Seq: 5932108	ICSA	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	100000	101400	101	
Lead		0.045	0	
Manganese		0.078	0	
ICSAB	Date: 27-Jan-2021 04:38	Seq: 5932109	ICSAB	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	110000	110400	100	
Lead	100	100.3	100	
Manganese	100	99.89	99.9	

ALS Houston, US Date: 19-Feb-21

Form 4 - ICP Interference Check Sample

Client: Aptim Environmental & Infrastucture, Inc. Run ID:ICPMS05_377005
Project: KAFB ROS Instrument:ICPMS05
WorkOrder: HS21010463 Method:SW6020

ICSA	Date: 27-Jan-2021 14:14	Seq: 5932752	ICSA	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Manganese		0.173	0	

ICSAB	Date: 27-Jan-2021 14:16	Seq: 5932753	ICSAB	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Manganese	100	93.42	93.4	

ALS Houston, US Date: 19-Feb-21

Form 5A - Matrix Spike/Matrix Spike Duplicate Recovery

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

Date Analyzed: 27-Jan-2021 02:05
Date Extracted: 19-Jan-2021 15:00
Units: ug/L

Matrix Spike: HS21010577-01MS
Client Sample ID:

Analysis Method: SW6020

Analyte	Sample Result	MS Result	Spike Amount	% Rec	MSD Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Lead	5.000	40.59	50.00	80.9	44.09	50.00	87.9	88-115	8.27	20
Iron	10780	14650	5000	77.2	15300	5000	90.2	75-125	4.34	20
Manganese	7492	7161	50.00	-663	7464	50.00	-56.8	75-125	4.14	20

ALS Houston, US Date: 19-Feb-21

Form 5B - Post Digest Sample Recovery

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

Date Analyzed: 27-Jan-2021 02:07
Date Extracted: 19-Jan-2021 15:00
Units: ug/L

Lab Sample ID: HS21010577-01PDS
Client Sample ID:

Analysis Method: SW6020

Analyte	Sample Result	PDS Result	Spike Amount	% Rec	% Rec Limits
Lead	0	86.62	100	87	80-120
Iron	10780	19240	10000	85	75-125

ALS Houston, US Date: 19-Feb-21

Form 5B - Post Digest Sample Recovery

Client: Aptim Environmental & Infrastucture, Inc. Date Analyzed: 27-Jan-2021 14:26
Project: KAFB ROS Date Extracted: 19-Jan-2021 18:00
WorkOrder: HS21010463 Units: ug/L

Lab Sample ID: HS21010577-01PDS Analysis Method: SW6020
Client Sample ID:

Analyte	Sample Result	PDS Result	Spike Amount	% Rec	% Rec Limits
Manganese	8489	17570	10000	91	75-125

ALS Houston, US Date: 19-Feb-21

Form 7 - Laboratory Control Sample

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

Date Analyzed: 27-Jan-2021 01:57
Date Extracted: 19-Jan-2021 15:00
Units: ug/L

Lab Sample ID: LCS-161677 Analysis Method: SW6020

Analyte	Spike Amount	LCS Result	% Rec	% Rec Limits
Lead	50	45.91	92	88-115

Lab Sample ID: LCS-161680 Analysis Method: SW6020

Analyte	Spike Amount	LCS Result	% Rec	% Rec Limits
Iron	5000	4584	92	80-120
Manganese	50	45.99	92	80-120

ALS Houston, US Date: 19-Feb-21

Form 8 - ICP Serial Dilutions

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

Date Analyzed: 27-Jan-2021 02:01
Date Extracted: 19-Jan-2021 15:00
Units: ug/L

Lab Sample ID: HS21010577-01SD
Client Sample ID:

Analysis Method: SW6020

Analyte	Sample Result	C	SD Result	C	RPD	Q
Lead	0	U	0	U	0	
Iron	10780		10860		1	

ALS Houston, US Date: 19-Feb-21

Form 8 - ICP Serial Dilutions

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010463

Date Analyzed: 27-Jan-2021 14:24
Date Extracted: 19-Jan-2021 18:00
Units: ug/L

Lab Sample ID: HS21010577-01SD
Client Sample ID:

Analysis Method: SW6020

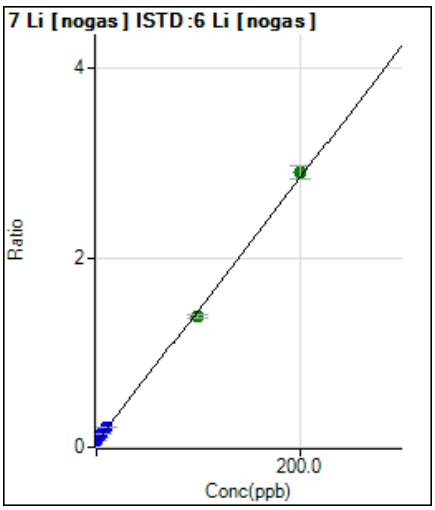
Analyte	Sample Result	C	SD Result	C	RPD	Q
Manganese	8489		9049		7	

Calibration for 015_ICV.d

Batch Folder:	C:\Agilent\ICPMH\1\DATA\012621A.b\
Analysis File:	012621A.batch.bin
DA Date-Time:	1/26/2021 11:00:38 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	

Level	Standard Data File	Sample Name	Acq. Date-Time
1	008CALB.d	CAL BLK	1/26/2021 10:34:33 AM
2	009CALS.d	2/10/200	1/26/2021 10:36:34 AM
3	010CALS.d	5/25/500	1/26/2021 10:38:34 AM
4	011CALS.d	10/50/1000	1/26/2021 10:40:34 AM
5	012CALS.d	100/500/10K	1/26/2021 10:42:35 AM
6	013CALS.d	200/1000/20K	1/26/2021 10:44:30 AM
7			

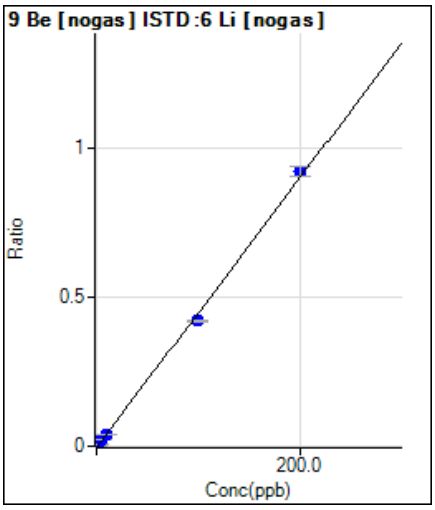
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	84168.11	0.0709	P	1.9	
2	☐	2.000	1.965	116636.04	0.0982	P	0.9	-1.7
3	☐	5.000	5.089	163532.39	0.1417	P	1.9	1.8
4	☐	10.000	9.704	239925.74	0.2060	P	1.6	-3.0
5	☐	100.000	93.622	1538425.08	1.3743	A	2.6	-6.4
6	☐	200.000	203.202	3037756.10	2.8999	A	4.9	1.6
7	☐	1.000						

y = 0.0139 * x + 0.0709
R = 0.9993
DL = 0.2863 ppb
BEC = 5.09 ppb

Weight: <None>
Min Conc: <None>

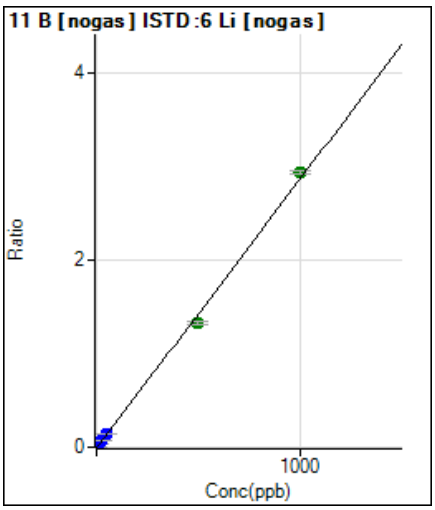


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13.33	0.0000	P	23.2	
2	☐	2.000	1.781	9609.11	0.0081	P	2.6	-10.
3	☐	5.000	4.539	23781.34	0.0206	P	1.0	-9.2
4	☐	10.000	8.717	46074.81	0.0396	P	2.3	-12.
5	☐	100.000	92.751	470999.15	0.4208	P	1.5	-7.2
6	☐	200.000	203.702	968284.94	0.9241	P	4.0	1.9
7	☐	1.000						

y = 0.0045 * x + 1.1255E-005
R = 0.9991
DL = 0.001725 ppb
BEC = 0.002481 ppb

Weight: <None>
Min Conc: <None>

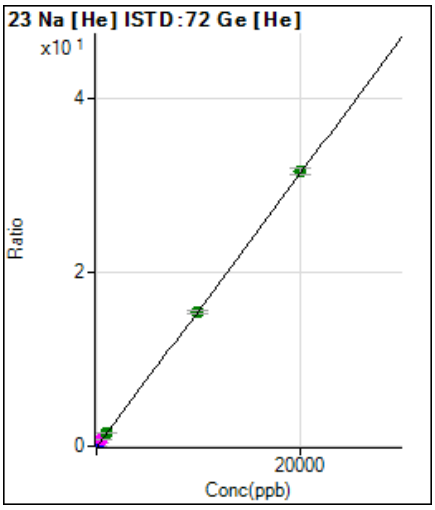
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3692.05	0.0031	P	4.6	
2	☐	10.000	9.356	35702.96	0.0301	P	2.9	-6.4
3	☐	25.000	23.830	82836.55	0.0718	P	0.8	-4.7
4	☐	50.000	47.631	163429.40	0.1404	P	3.7	-4.7
5	☐	500.000	460.448	1488533.05	1.3298	A	2.5	-7.9
6	☐	1000.000	1019.930	3084533.18	2.9419	A	1.8	2.0
7	☐	5.000						

y = 0.0029 * x + 0.0031
R = 0.9989
DL = 0.1489 ppb
BEC = 1.079 ppb

Weight: <None>
Min Conc: <None>

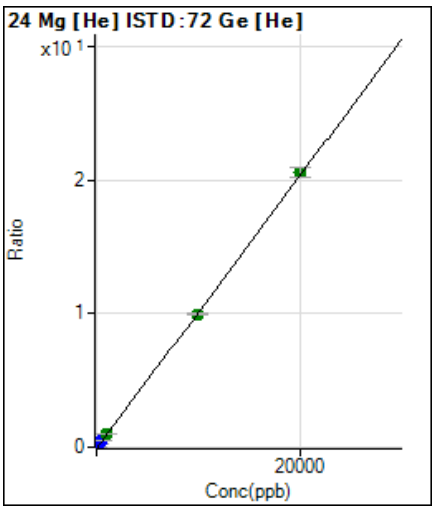


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	33856.99	0.0213	P	3.7	
2	☐	200.000	209.164	551080.70	0.3506	P	1.6	4.6
3	☐	500.000	507.606	1297722.74	0.8206	M	2.5	1.5
4	☐	1000.000	984.003	2468310.59	1.5707	A	1.3	-1.6
5	☐	10000.00	9834.259	23839631.31	15.5066	A	2.2	-1.7
6	☐	20000.00	20083.38	48301780.95	31.6451	A	2.7	0.4
7	☐	100.000						

y = 0.0016 * x + 0.0213
R = 1.0000
DL = 1.513 ppb
BEC = 13.52 ppb

Weight: <None>
Min Conc: <None>

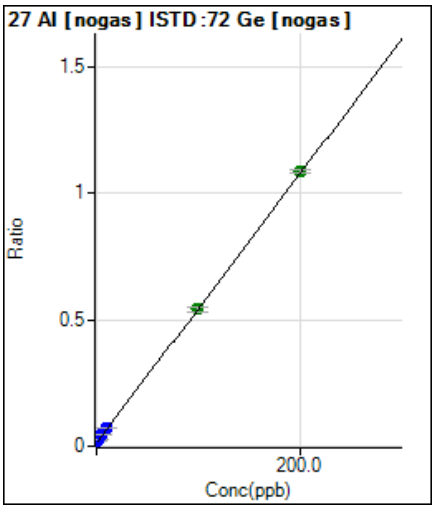
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1703.44	0.0011	P	6.1	
2	☐	200.000	210.817	340592.53	0.2167	P	1.8	5.4
3	☐	500.000	514.552	834107.20	0.5274	P	2.2	2.9
4	☐	1000.000	997.936	1605750.24	1.0219	A	2.0	-0.2
5	☐	10000.00	9719.002	15286501.44	9.9427	A	1.4	-2.8
6	☐	20000.00	20140.13	31442707.03	20.6025	A	3.4	0.7
7	☐	100.000						

y = 0.0010 * x + 0.0011
R = 0.9999
DL = 0.1923 ppb
BEC = 1.047 ppb

Weight: <None>
Min Conc: <None>

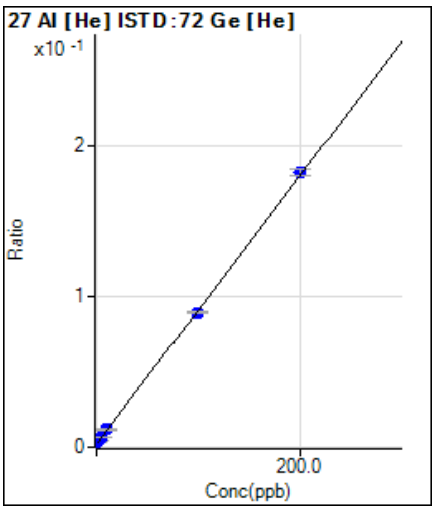


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	54013.78	0.0181	P	2.5	
2	☐	2.000	1.833	83797.11	0.0278	P	2.0	-8.3
3	☐	5.000	5.005	134630.13	0.0447	P	2.9	0.1
4	☐	10.000	10.576	225132.48	0.0744	P	2.4	5.8
5	☐	100.000	98.429	1605208.83	0.5420	A	3.7	-1.6
6	☐	200.000	200.758	3220630.06	1.0867	A	0.9	0.4
7	☐	1.000						

y = 0.0053 * x + 0.0181
R = 0.9999
DL = 0.2539 ppb
BEC = 3.396 ppb

Weight: <None>
Min Conc: <None>

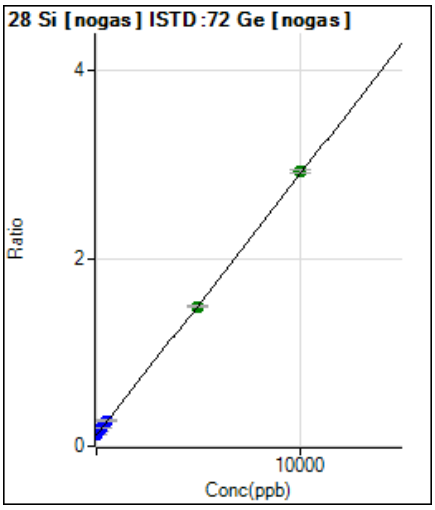
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4914.48	0.0031	P	11.3	
2	☐	2.000	1.439	6874.70	0.0044	P	8.2	-28.
3	☐	5.000	4.124	10709.82	0.0068	P	2.8	-17.
4	☐	10.000	9.532	18222.33	0.0116	P	4.0	-4.7
5	☐	100.000	97.029	137821.73	0.0896	P	1.3	-3.0
6	☐	200.000	201.536	279107.74	0.1829	P	2.8	0.8
7	☐	1.000						

y = 8.9199E-004 * x + 0.0031
R = 0.9999
DL = 1.178 ppb
BEC = 3.467 ppb

Weight: <None>
Min Conc: <None>

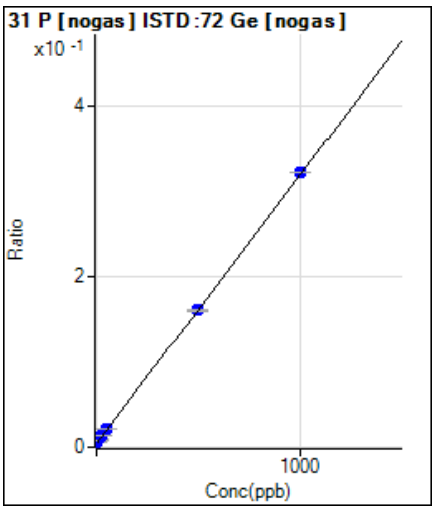


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	391600.28	0.1311	P	1.6	
2	☐	100.000	93.252	472644.51	0.1570	P	1.2	-6.7
3	☐	250.000	244.830	599566.42	0.1991	P	0.4	-2.1
4	☐	500.000	498.778	816317.05	0.2697	P	3.1	-0.2
5	☐	5000.000	4883.675	4408998.58	1.4883	A	0.7	-2.3
6	☐	10000.00	10058.42	8673146.33	2.9264	A	1.5	0.6
7	☐	50.000						

y = 2.7791E-004 * x + 0.1311
R = 0.9999
DL = 22.36 ppb
BEC = 471.6 ppb

Weight: <None>
Min Conc: <None>

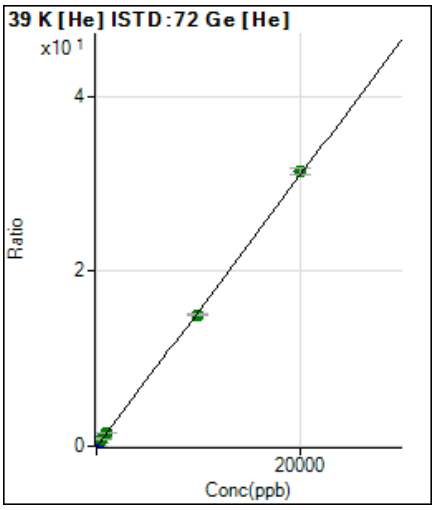
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	18031.19	0.0060	P	6.2	
2	☐	10.000	8.708	26408.70	0.0088	P	1.4	-12.
3	☐	25.000	23.289	40226.33	0.0134	P	1.2	-6.8
4	☐	50.000	49.517	65416.67	0.0216	P	2.1	-1.0
5	☐	500.000	490.141	474594.98	0.1602	P	1.4	-2.0
6	☐	1000.000	1005.009	954845.98	0.3222	P	0.1	0.5
7	☐	5.000						

y = 3.1457E-004 * x + 0.0060
R = 0.9999
DL = 3.567 ppb
BEC = 19.17 ppb

Weight: <None>
Min Conc: <None>

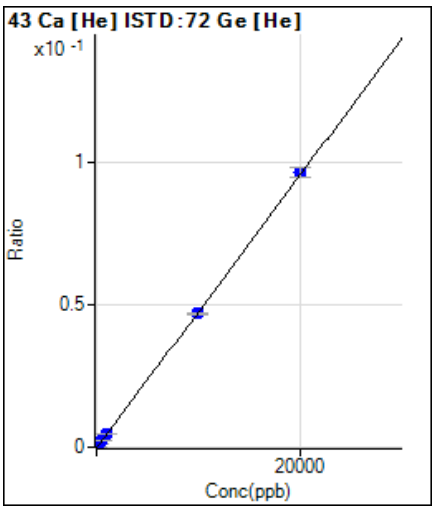


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	116638.97	0.0733	P	3.4	
2	☐	200.000	206.494	619121.36	0.3939	P	1.7	3.2
3	☐	500.000	499.942	1343693.47	0.8496	A	1.8	0.0
4	☐	1000.000	981.132	2509285.90	1.5967	A	0.8	-1.9
5	☐	10000.00	9615.791	23068120.49	15.0037	A	1.0	-3.8
6	☐	20000.00	20192.98	47974862.62	31.4268	A	2.0	1.0
7	☐	100.000						

y = 0.0016 * x + 0.0733
R = 0.9997
DL = 4.781 ppb
BEC = 47.22 ppb

Weight: <None>
Min Conc: <None>

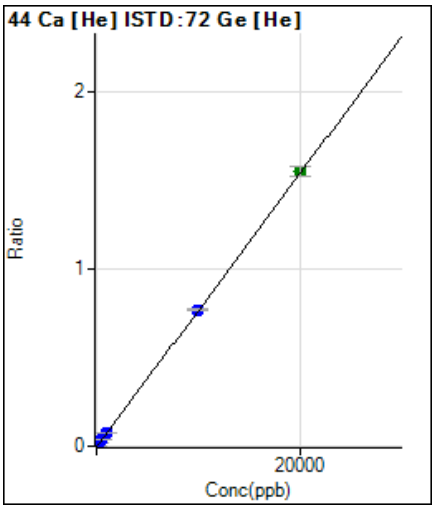
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	160.00	0.0001	P	17.5	
2	☐	200.000	187.432	1566.76	0.0010	P	10.9	-6.3
3	☐	500.000	446.573	3540.41	0.0022	P	7.3	-10.
4	☐	1000.000	935.497	7198.19	0.0046	P	1.5	-6.5
5	☐	10000.00	9792.705	72248.81	0.0470	P	1.1	-2.1
6	☐	20000.00	20108.33	147088.28	0.0964	P	3.7	0.5
7	☐	100.000						

y = 4.7883E-006 * x + 1.0040E-004
R = 0.9999
DL = 10.99 ppb
BEC = 20.97 ppb

Weight: <None>
Min Conc: <None>

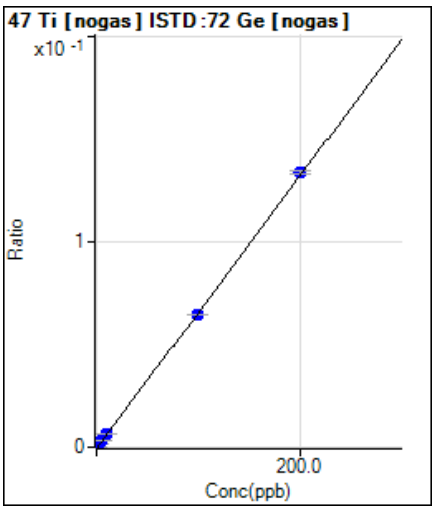


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2830.26	0.0018	P	8.0	
2	☐	200.000	194.736	26445.77	0.0168	P	1.5	-2.6
3	☐	500.000	482.344	61765.16	0.0390	P	1.2	-3.5
4	☐	1000.000	976.255	121343.27	0.0772	P	0.1	-2.4
5	☐	10000.00	9902.530	1179122.93	0.7669	P	1.3	-1.0
6	☐	20000.00	20050.41	2366901.63	1.5510	A	3.8	0.3
7	☐	100.000						

y = 7.7266E-005 * x + 0.0018
R = 1.0000
DL = 5.527 ppb
BEC = 23.04 ppb

Weight: <None>
Min Conc: <None>

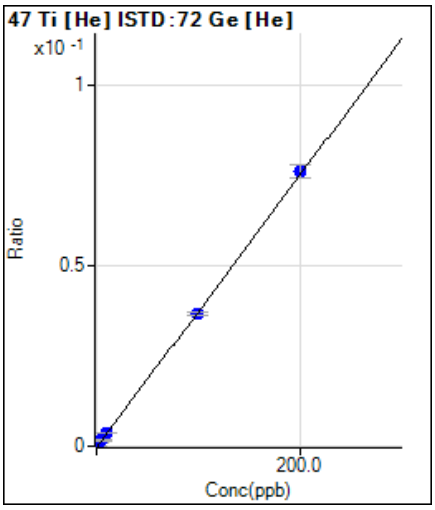
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	140.00	0.0000	P	21.1	
2	☐	2.000	1.944	4020.50	0.0013	P	5.7	-2.8
3	☐	5.000	4.634	9389.14	0.0031	P	0.5	-7.3
4	☐	10.000	9.219	18642.89	0.0062	P	1.9	-7.8
5	☐	100.000	96.990	190574.72	0.0643	P	0.6	-3.0
6	☐	200.000	201.554	396058.16	0.1336	P	1.2	0.8
7	☐	1.000						

y = 6.6277E-004 * x + 4.6841E-005
R = 0.9998
DL = 0.04472 ppb
BEC = 0.07068 ppb

Weight: <None>
Min Conc: <None>

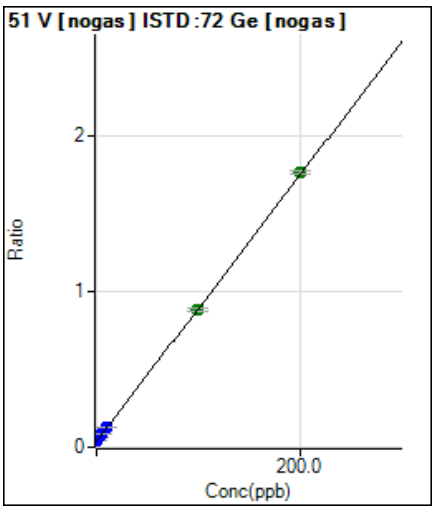


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10.00	0.0000	P	173.	
2	☐	2.000	1.893	1133.38	0.0007	P	5.6	-5.4
3	☐	5.000	4.485	2693.59	0.0017	P	16.1	-10.
4	☐	10.000	9.373	5577.58	0.0035	P	5.4	-6.3
5	☐	100.000	96.787	56241.60	0.0366	P	2.8	-3.2
6	☐	200.000	201.652	116292.72	0.0762	P	4.6	0.8
7	☐	1.000						

y = 3.7794E-004 * x + 6.1318E-006
R = 0.9998
DL = 0.0843 ppb
BEC = 0.01622 ppb

Weight: <None>
Min Conc: <None>

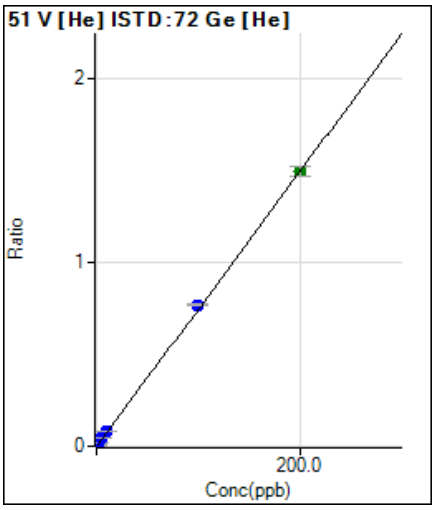
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	133786.97	0.0448	P	1.5	
2	☐	2.000	1.825	181851.72	0.0604	P	1.2	-8.8
3	☐	5.000	4.843	259668.88	0.0862	P	0.4	-3.1
4	☐	10.000	9.771	388747.26	0.1284	P	2.0	-2.3
5	☐	100.000	98.107	2620158.04	0.8845	A	2.1	-1.9
6	☐	200.000	200.964	5231119.92	1.7650	A	1.4	0.5
7	☐	1.000						

y = 0.0086 * x + 0.0448
R = 0.9999
DL = 0.2335 ppb
BEC = 5.231 ppb

Weight: <None>
Min Conc: <None>

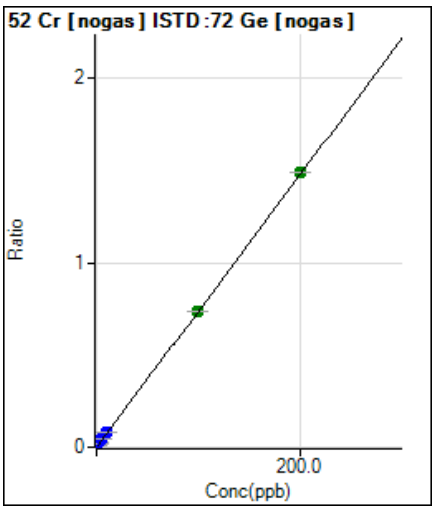


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7198.09	0.0045	P	2.2	
2	☐	2.000	1.991	30528.30	0.0194	P	2.0	-0.4
3	☐	5.000	4.913	65306.98	0.0413	P	2.9	-1.7
4	☐	10.000	9.850	122966.00	0.0782	P	0.5	-1.5
5	☐	100.000	101.973	1180404.33	0.7678	P	1.6	2.0
6	☐	200.000	199.023	2280286.92	1.4942	A	4.0	-0.5
7	☐	1.000						

y = 0.0075 * x + 0.0045
R = 0.9999
DL = 0.03998 ppb
BEC = 0.6042 ppb

Weight: <None>
Min Conc: <None>

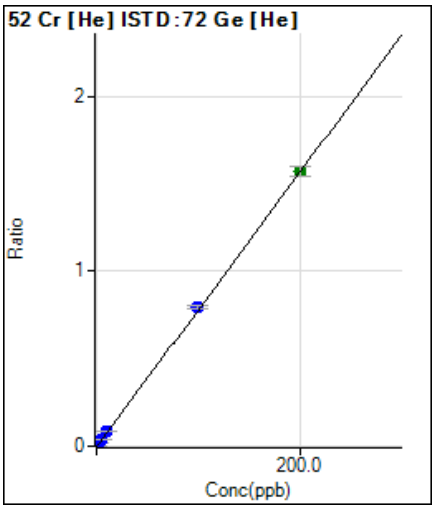
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	19757.38	0.0066	P	1.8	
2	☐	2.000	2.160	68000.72	0.0226	P	2.4	8.0
3	☐	5.000	5.141	134418.49	0.0446	P	1.0	2.8
4	☐	10.000	10.145	247193.75	0.0816	P	1.7	1.5
5	☐	100.000	98.469	2177067.21	0.7349	A	0.4	-1.5
6	☐	200.000	200.753	4419872.85	1.4913	A	0.5	0.4
7	☐	1.000						

y = 0.0074 * x + 0.0066
R = 1.0000
DL = 0.04937 ppb
BEC = 0.8941 ppb

Weight: <None>
Min Conc: <None>

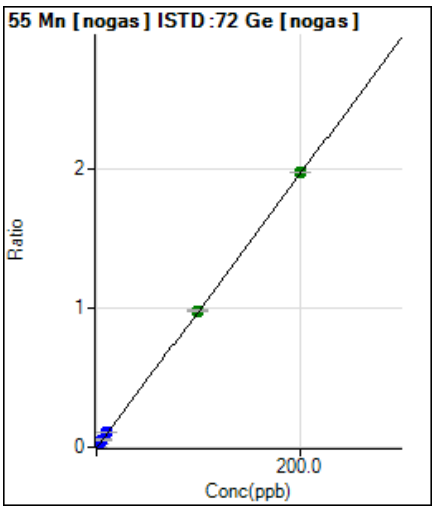


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4467.27	0.0028	P	0.3	
2	☐	2.000	2.092	30294.90	0.0193	P	3.6	4.6
3	☐	5.000	4.947	66010.45	0.0417	P	2.7	-1.1
4	☐	10.000	10.006	128178.16	0.0816	P	0.4	0.1
5	☐	100.000	100.934	1225626.31	0.7972	P	2.1	0.9
6	☐	200.000	199.533	2401081.69	1.5733	A	3.6	-0.2
7	☐	1.000						

y = 0.0079 * x + 0.0028
R = 1.0000
DL = 0.003189 ppb
BEC = 0.3566 ppb

Weight: <None>
Min Conc: <None>

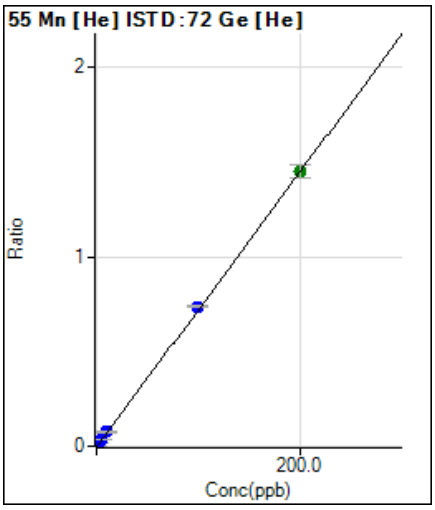
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10589.82	0.0035	P	4.4	
2	☐	2.000	2.238	76881.93	0.0255	P	2.8	11.9
3	☐	5.000	5.061	160453.66	0.0533	P	1.6	1.2
4	☐	10.000	10.205	314408.28	0.1039	P	1.6	2.1
5	☐	100.000	99.334	2902688.92	0.9799	A	1.8	-0.7
6	☐	200.000	200.319	5846035.75	1.9725	A	0.1	0.2
7	☐	1.000						

y = 0.0098 * x + 0.0035
R = 1.0000
DL = 0.04809 ppb
BEC = 0.3605 ppb

Weight: <None>
Min Conc: <None>

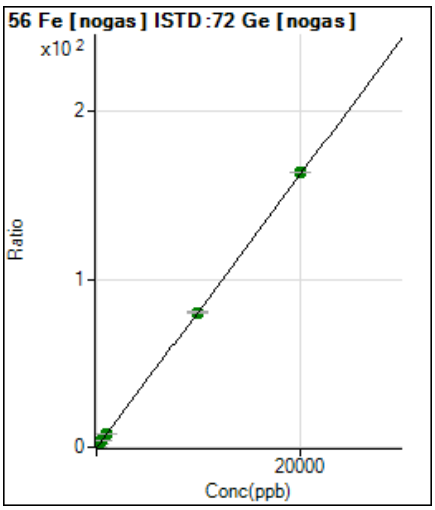


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2826.93	0.0018	P	11.1	
2	☐	2.000	2.104	26856.37	0.0171	P	0.8	5.2
3	☐	5.000	4.798	58007.15	0.0367	P	3.0	-4.0
4	☐	10.000	9.983	116928.71	0.0744	P	1.1	-0.2
5	☐	100.000	101.158	1134118.03	0.7377	P	1.9	1.2
6	☐	200.000	199.426	2216450.12	1.4526	A	4.4	-0.3
7	☐	1.000						

y = 0.0073 * x + 0.0018
R = 1.0000
DL = 0.08163 ppb
BEC = 0.2445 ppb

Weight: <None>
Min Conc: <None>

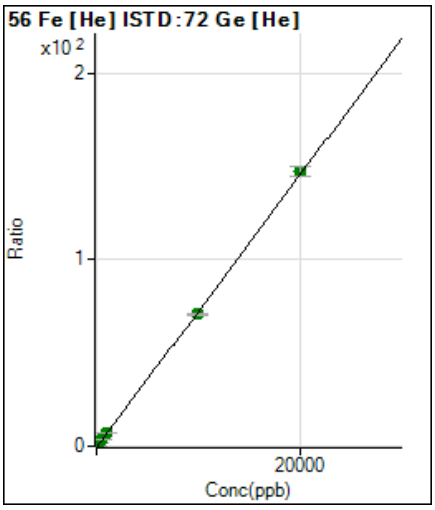
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1244693.24	0.4166	P	1.6	
2	☐	200.000	198.571	6116435.32	2.0314	A	1.4	-0.7
3	☐	500.000	487.263	13186662.30	4.3792	A	1.5	-2.5
4	☐	1000.000	974.120	25247446.29	8.3385	A	1.0	-2.6
5	☐	10000.00	9828.483	238014496.4	80.3457	A	1.3	-1.7
6	☐	20000.00	20087.38	485389672.7	163.775	A	0.2	0.4
7	☐	100.000						

y = 0.0081 * x + 0.4166
R = 0.9999
DL = 2.523 ppb
BEC = 51.22 ppb

Weight: <None>
Min Conc: <None>

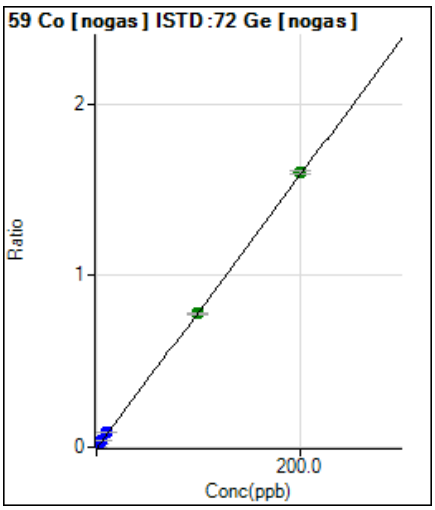


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	35297.26	0.0222	P	4.2	
2	☐	200.000	203.220	2371494.29	1.5087	A	0.9	1.6
3	☐	500.000	482.794	5620125.75	3.5537	A	2.4	-3.4
4	☐	1000.000	966.595	11145480.25	7.0926	A	1.5	-3.3
5	☐	10000.00	9682.221	108916841.7	70.8452	A	1.7	-3.2
6	☐	20000.00	20160.95	225082943.3	147.494	A	3.9	0.8
7	☐	100.000						

y = 0.0073 * x + 0.0222
R = 0.9998
DL = 0.3782 ppb
BEC = 3.034 ppb

Weight: <None>
Min Conc: <None>

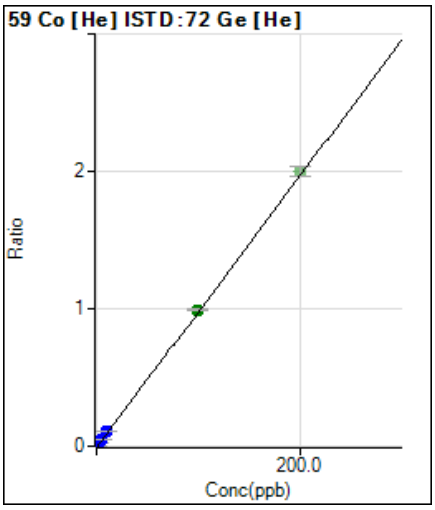
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	476.68	0.0002	P	14.7	
2	☐	2.000	2.100	50839.95	0.0169	P	3.9	5.0
3	☐	5.000	5.152	124066.32	0.0412	P	1.4	3.0
4	☐	10.000	10.351	250129.15	0.0826	P	1.1	3.5
5	☐	100.000	97.723	2306257.62	0.7786	A	1.7	-2.3
6	☐	200.000	201.116	4748450.03	1.6022	A	1.0	0.6
7	☐	1.000						

y = 0.0080 * x + 1.5931E-004
R = 0.9999
DL = 0.008837 ppb
BEC = 0.02 ppb

Weight: <None>
Min Conc: <None>

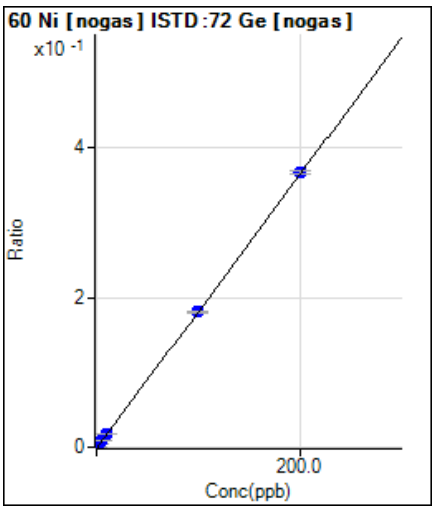


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	240.01	0.0002	P	5.9	
2	☐	2.000	2.127	33323.68	0.0212	P	1.2	6.3
3	☐	5.000	5.189	81448.59	0.0515	P	3.3	3.8
4	☐	10.000	10.488	163384.71	0.1040	P	0.9	4.9
5	☐	100.000	99.939	1521329.20	0.9894	A	1.2	-0.1
6	☑	200.000		3055608.81	2.0020	A	3.3	
7	☐	1.000						

y = 0.0099 * x + 1.5064E-004
R = 1.0000
DL = 0.002697 ppb
BEC = 0.01522 ppb

Weight: <None>
Min Conc: <None>

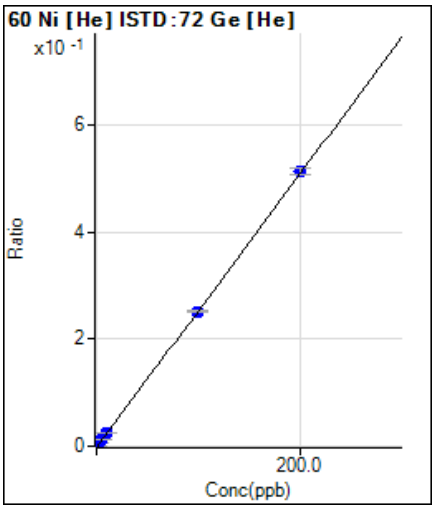
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	640.02	0.0002	P	11.3	
2	☐	2.000	2.049	11930.66	0.0040	P	4.7	2.4
3	☐	5.000	4.926	27791.19	0.0092	P	2.1	-1.5
4	☐	10.000	9.882	55412.98	0.0183	P	0.8	-1.2
5	☐	100.000	98.913	536898.01	0.1812	P	1.1	-1.1
6	☐	200.000	200.551	1088435.48	0.3673	P	0.9	0.3
7	☐	1.000						

y = 0.0018 * x + 2.1405E-004
R = 1.0000
DL = 0.03969 ppb
BEC = 0.117 ppb

Weight: <None>
Min Conc: <None>

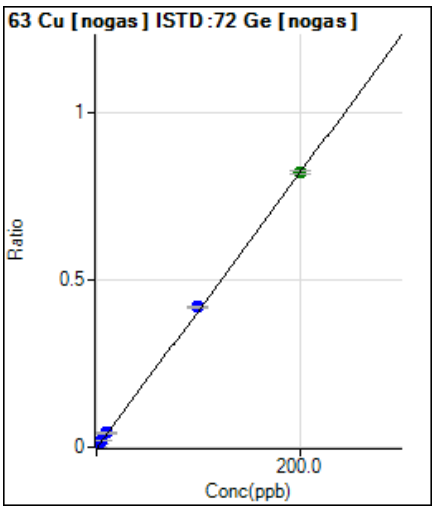


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	450.01	0.0003	P	19.3	
2	☐	2.000	1.929	8195.25	0.0052	P	2.4	-3.5
3	☐	5.000	4.790	19814.25	0.0125	P	4.0	-4.2
4	☐	10.000	9.950	40397.79	0.0257	P	2.6	-0.5
5	☐	100.000	98.358	386834.98	0.2516	P	1.8	-1.6
6	☐	200.000	200.830	783764.78	0.5135	P	2.4	0.4
7	☐	1.000						

y = 0.0026 * x + 2.8324E-004
R = 1.0000
DL = 0.0642 ppb
BEC = 0.1108 ppb

Weight: <None>
Min Conc: <None>

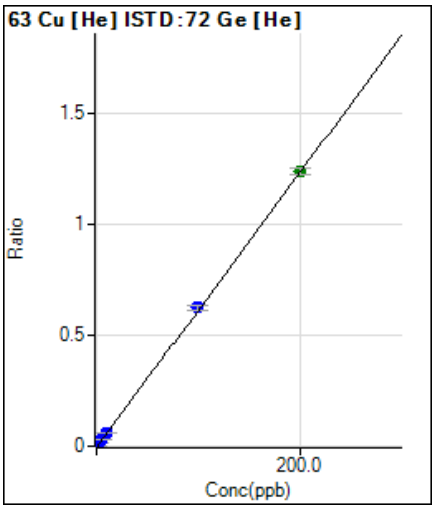
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1430.08	0.0005	P	2.4	
2	☐	2.000	2.106	27644.32	0.0092	P	2.1	5.3
3	☐	5.000	5.147	65482.76	0.0217	P	1.8	2.9
4	☐	10.000	10.195	128960.81	0.0426	P	2.4	1.9
5	☐	100.000	101.476	1243402.61	0.4197	P	1.2	1.5
6	☐	200.000	199.248	2441077.31	0.8237	A	1.4	-0.4
7	☐	1.000						

y = 0.0041 * x + 4.7843E-004
R = 1.0000
DL = 0.008289 ppb
BEC = 0.1158 ppb

Weight: <None>
Min Conc: <None>

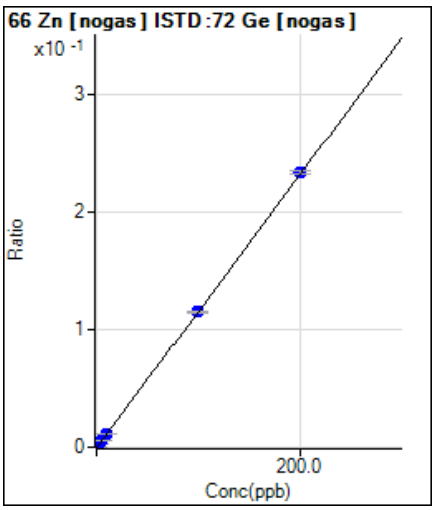


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	960.04	0.0006	P	18.3	
2	☐	2.000	2.131	21726.46	0.0138	P	2.3	6.6
3	☐	5.000	4.926	49282.60	0.0312	P	3.1	-1.5
4	☐	10.000	9.887	97329.22	0.0619	P	2.6	-1.1
5	☐	100.000	100.467	959132.33	0.6239	P	2.5	0.5
6	☐	200.000	199.772	1892655.13	1.2400	A	2.7	-0.1
7	☐	1.000						

y = 0.0062 * x + 6.0276E-004
R = 1.0000
DL = 0.05339 ppb
BEC = 0.09716 ppb

Weight: <None>
Min Conc: <None>

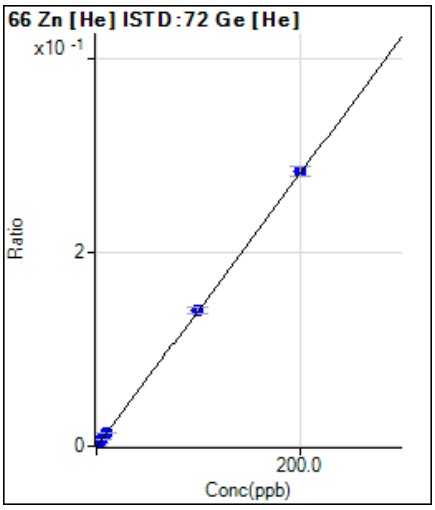
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1390.08	0.0005	P	10.8	
2	☐	2.000	1.903	8068.54	0.0027	P	3.7	-4.8
3	☐	5.000	4.796	18202.59	0.0060	P	3.1	-4.1
4	☐	10.000	9.506	34893.37	0.0115	P	2.9	-4.9
5	☐	100.000	98.707	341655.00	0.1153	P	1.2	-1.3
6	☐	200.000	200.677	693458.27	0.2340	P	0.8	0.3
7	☐	1.000						

y = 0.0012 * x + 4.6480E-004
R = 1.0000
DL = 0.1299 ppb
BEC = 0.3994 ppb

Weight: <None>
Min Conc: <None>

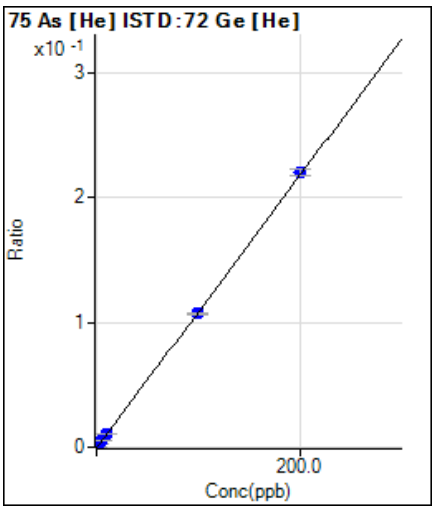


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	953.37	0.0006	P	3.8	
2	☐	2.000	1.856	5070.78	0.0032	P	7.0	-7.2
3	☐	5.000	4.689	11433.72	0.0072	P	6.5	-6.2
4	☐	10.000	9.260	21526.25	0.0137	P	2.6	-7.4
5	☐	100.000	98.893	215922.73	0.1405	P	3.7	-1.1
6	☐	200.000	200.600	433902.55	0.2843	P	3.6	0.3
7	☐	1.000						

y = 0.0014 * x + 5.9867E-004
R = 1.0000
DL = 0.04815 ppb
BEC = 0.4233 ppb

Weight: <None>
Min Conc: <None>

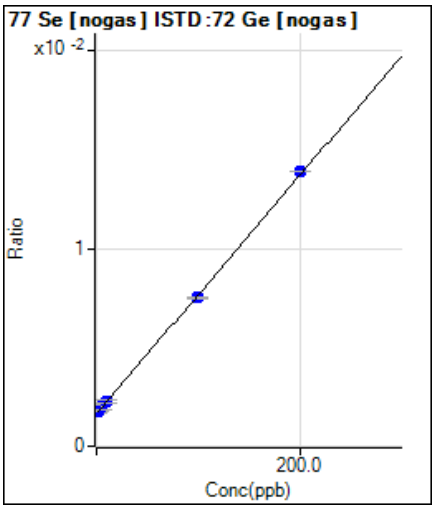
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	388.89	0.0002	P	9.9	
2	☐	2.000	1.959	3748.18	0.0024	P	4.4	-2.0
3	☐	5.000	4.734	8562.04	0.0054	P	3.6	-5.3
4	☐	10.000	9.592	16843.34	0.0107	P	1.8	-4.1
5	☐	100.000	97.749	164485.25	0.1070	P	1.3	-2.3
6	☐	200.000	201.153	335648.22	0.2199	P	2.6	0.6
7	☐	1.000						

y = 0.0011 * x + 2.4435E-004
R = 0.9999
DL = 0.06677 ppb
BEC = 0.2238 ppb

Weight: <None>
Min Conc: <None>

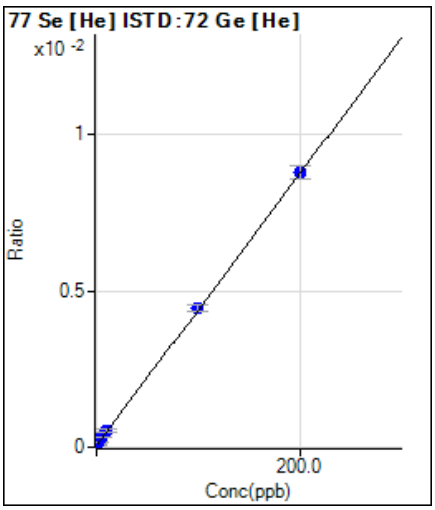


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5130.82	0.0017	P	7.0	
2	☐	2.000	1.243	5397.56	0.0018	P	1.7	-37.
3	☐	5.000	4.227	5937.75	0.0020	P	9.4	-15.
4	☐	10.000	9.204	6881.41	0.0023	P	6.1	-8.0
5	☐	100.000	95.970	22223.75	0.0075	P	1.3	-4.0
6	☐	200.000	202.082	41190.09	0.0139	P	0.5	1.0
7	☐	1.000						

y = 6.0275E-005 * x + 0.0017
R = 0.9997
DL = 6.011 ppb
BEC = 28.5 ppb

Weight: <None>
Min Conc: <None>

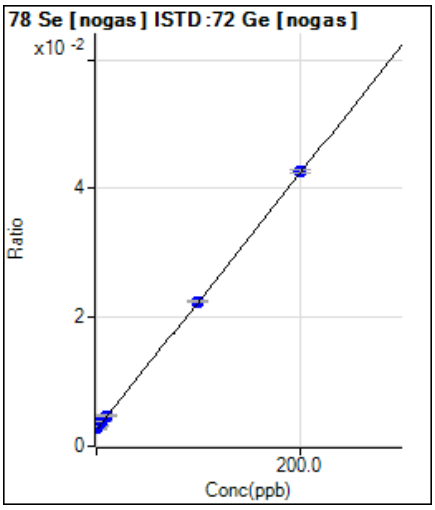
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	156.67	0.0001	P	40.9	
2	☐	2.000	1.341	246.67	0.0002	P	30.2	-33.
3	☐	5.000	4.915	493.35	0.0003	P	10.1	-1.7
4	☐	10.000	10.025	840.04	0.0005	P	13.7	0.3
5	☐	100.000	100.425	6864.76	0.0045	P	5.0	0.4
6	☐	200.000	199.795	13408.48	0.0088	P	4.6	-0.1
7	☐	1.000						

y = 4.3490E-005 * x + 9.8108E-005
R = 1.0000
DL = 2.771 ppb
BEC = 2.256 ppb

Weight: <None>
Min Conc: <None>

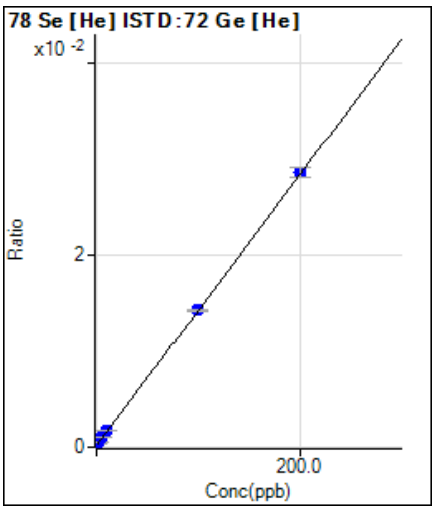


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	8288.70	0.0028	P	6.5	
2	☐	2.000	2.613	9926.21	0.0033	P	5.9	30.7
3	☐	5.000	4.974	11340.35	0.0038	P	1.7	-0.5
4	☐	10.000	9.652	14219.06	0.0047	P	3.5	-3.5
5	☐	100.000	99.041	66625.08	0.0225	P	1.0	-1.0
6	☐	200.000	200.491	126489.93	0.0427	P	1.2	0.2
7	☐	1.000						

y = 1.9903E-004 * x + 0.0028
R = 1.0000
DL = 2.732 ppb
BEC = 13.94 ppb

Weight: <None>
Min Conc: <None>

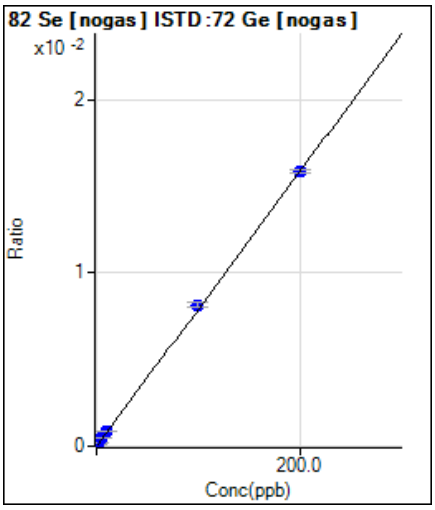
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	498.68	0.0003	P	4.5	
2	☐	2.000	1.882	910.70	0.0006	P	3.3	-5.9
3	☐	5.000	5.040	1622.75	0.0010	P	2.5	0.8
4	☐	10.000	9.740	2656.20	0.0017	P	4.1	-2.6
5	☐	100.000	98.842	21966.56	0.0143	P	1.3	-1.2
6	☐	200.000	200.592	43760.19	0.0287	P	3.1	0.3
7	☐	1.000						

y = 1.4137E-004 * x + 3.1352E-004
R = 1.0000
DL = 0.2974 ppb
BEC = 2.218 ppb

Weight: <None>
Min Conc: <None>

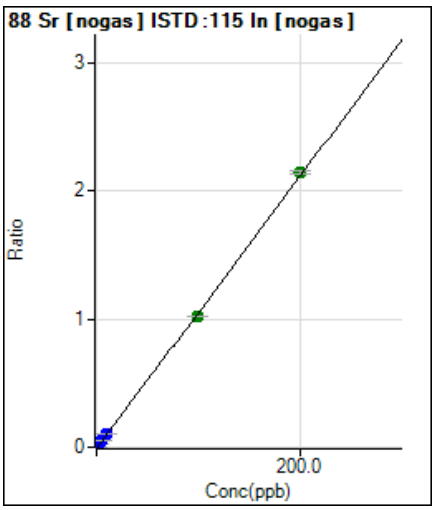


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	203.33	0.0001	P	17.3	
2	☐	2.000	1.642	596.69	0.0002	P	12.2	-17.
3	☐	5.000	4.885	1373.41	0.0005	P	0.7	-2.3
4	☐	10.000	10.185	2656.91	0.0009	P	6.5	1.8
5	☐	100.000	102.002	24209.81	0.0082	P	2.9	2.0
6	☐	200.000	198.996	47061.40	0.0159	P	1.5	-0.5
7	☐	1.000						

y = 7.9456E-005 * x + 6.7921E-005
R = 0.9999
DL = 0.4431 ppb
BEC = 0.8548 ppb

Weight: <None>
Min Conc: <None>

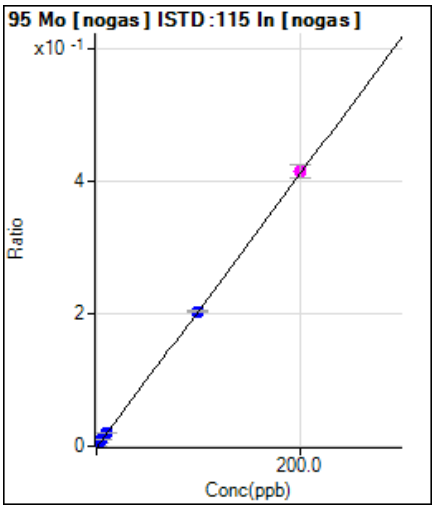
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2520.22	0.0007	P	2.5	
2	☐	2.000	1.955	75159.53	0.0215	P	1.2	-2.2
3	☐	5.000	4.999	183304.01	0.0539	P	0.5	0.0
4	☐	10.000	9.821	364506.87	0.1051	P	1.4	-1.8
5	☐	100.000	96.312	3464618.28	1.0244	A	0.6	-3.7
6	☐	200.000	201.853	7092392.39	2.1462	A	0.7	0.9
7	☐	1.000						

y = 0.0106 * x + 7.3464E-004
R = 0.9998
DL = 0.005212 ppb
BEC = 0.06912 ppb

Weight: <None>
Min Conc: <None>

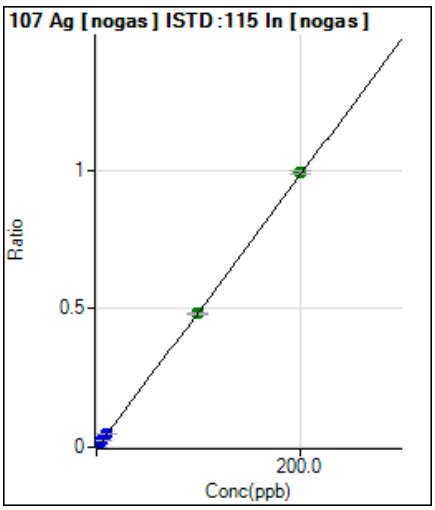


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	250.01	0.0001	P	6.5	
2	☐	2.000	1.963	14439.30	0.0041	P	4.0	-1.8
3	☐	5.000	4.793	33975.81	0.0100	P	3.2	-4.1
4	☐	10.000	9.462	68109.09	0.0196	P	1.8	-5.4
5	☐	100.000	98.131	686704.81	0.2030	P	1.1	-1.9
6	☐	200.000	200.967	1373355.19	0.4157	M	4.8	0.5
7	☐	1.000						

y = 0.0021 * x + 7.2875E-005
R = 0.9999
DL = 0.006911 ppb
BEC = 0.03523 ppb

Weight: <None>
Min Conc: <None>

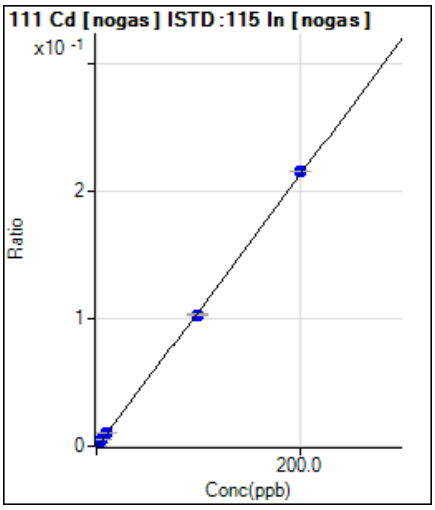
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	66.67	0.0000	P	60.3	
2	☐	2.000	1.997	34480.47	0.0099	P	1.4	-0.2
3	☐	5.000	5.061	85029.40	0.0250	P	2.2	1.2
4	☐	10.000	9.920	169810.14	0.0490	P	2.5	-0.8
5	☐	100.000	97.581	1628674.20	0.4816	A	0.7	-2.4
6	☐	200.000	201.212	3281542.87	0.9930	A	0.6	0.6
7	☐	1.000						

y = 0.0049 * x + 1.9374E-005
R = 0.9999
DL = 0.007102 ppb
BEC = 0.003926 ppb

Weight: <None>
Min Conc: <None>

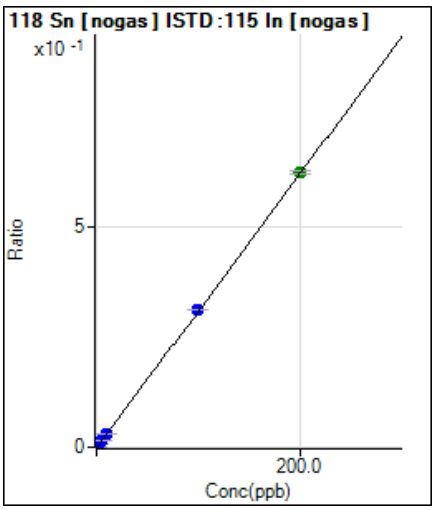


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13.33	0.0000	P	86.6	
2	☐	2.000	1.892	7071.53	0.0020	P	6.8	-5.4
3	☐	5.000	4.788	17412.10	0.0051	P	4.9	-4.2
4	☐	10.000	9.485	35151.86	0.0101	P	2.6	-5.1
5	☐	100.000	96.520	348693.47	0.1031	P	1.2	-3.5
6	☐	200.000	201.772	712261.97	0.2155	P	0.3	0.9
7	☐	1.000						

y = 0.0011 * x + 3.8958E-006
R = 0.9998
DL = 0.009477 ppb
BEC = 0.003647 ppb

Weight: <None>
Min Conc: <None>

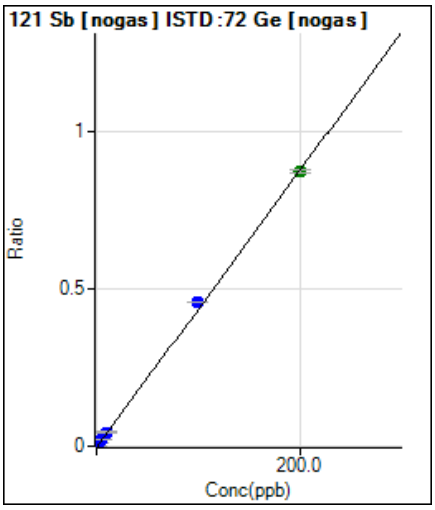
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4156.57	0.0012	P	36.7	
2	☐	2.000	1.798	23853.07	0.0068	P	2.4	-10.
3	☐	5.000	4.877	55945.51	0.0164	P	3.0	-2.5
4	☐	10.000	9.732	109612.80	0.0316	P	0.7	-2.7
5	☐	100.000	99.936	1059661.91	0.3133	P	0.6	-0.1
6	☐	200.000	200.051	2068599.24	0.6260	A	1.3	0.0
7	☐	1.000						

y = 0.0031 * x + 0.0012
R = 1.0000
DL = 0.4279 ppb
BEC = 0.3888 ppb

Weight: <None>
Min Conc: <None>

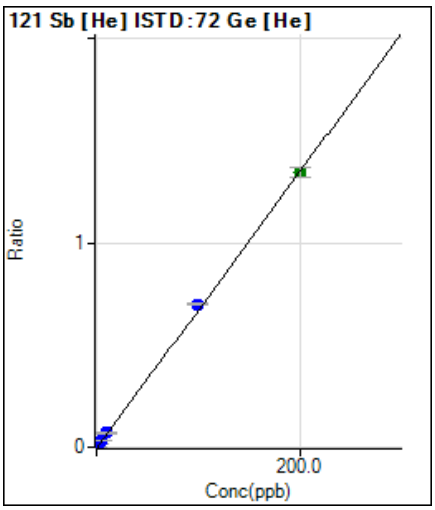


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1170.06	0.0004	P	8.0	
2	☐	2.000	2.048	28386.46	0.0094	P	0.9	2.4
3	☐	5.000	5.134	69390.16	0.0230	P	0.5	2.7
4	☐	10.000	10.062	135588.68	0.0448	P	1.4	0.6
5	☐	100.000	103.586	1355101.23	0.4574	P	0.3	3.6
6	☐	200.000	198.200	2592886.73	0.8748	A	1.3	-0.9
7	☐	1.000						

y = 0.0044 * x + 3.9186E-004
R = 0.9998
DL = 0.02142 ppb
BEC = 0.08882 ppb

Weight: <None>
Min Conc: <None>

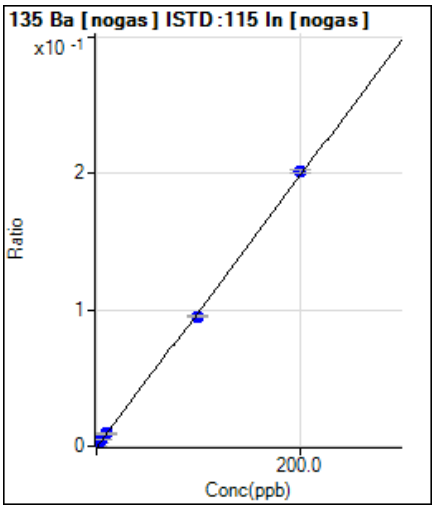
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1033.39	0.0007	P	9.0	
2	☐	2.000	2.017	22501.26	0.0143	P	3.7	0.9
3	☐	5.000	4.942	53979.89	0.0341	P	2.1	-1.2
4	☐	10.000	10.118	108744.44	0.0692	P	1.2	1.2
5	☐	100.000	103.288	1076845.19	0.7004	P	2.2	3.3
6	☐	200.000	198.352	2052214.08	1.3445	A	3.8	-0.8
7	☐	1.000						

y = 0.0068 * x + 6.5014E-004
R = 0.9998
DL = 0.02584 ppb
BEC = 0.09596 ppb

Weight: <None>
Min Conc: <None>

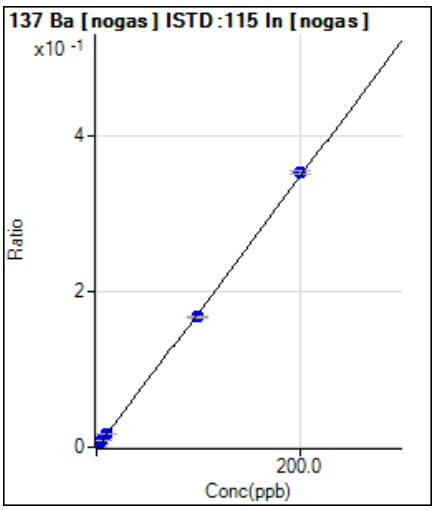


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	230.01	0.0001	P	19.8	
2	☐	2.000	1.864	6711.44	0.0019	P	1.5	-6.8
3	☐	5.000	4.826	16568.10	0.0049	P	4.0	-3.5
4	☐	10.000	9.107	31655.75	0.0091	P	3.0	-8.9
5	☐	100.000	95.601	321992.29	0.0952	P	0.3	-4.4
6	☐	200.000	202.250	665387.70	0.2013	P	1.3	1.1
7	☐	1.000						

y = 9.9514E-004 * x + 6.7124E-005
R = 0.9997
DL = 0.04007 ppb
BEC = 0.06745 ppb

Weight: <None>
Min Conc: <None>

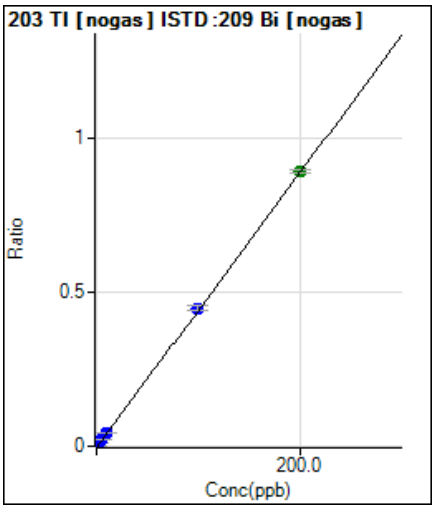
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	406.68	0.0001	P	12.3	
2	☐	2.000	1.866	11804.20	0.0034	P	0.8	-6.7
3	☐	5.000	4.752	28657.38	0.0084	P	1.9	-5.0
4	☐	10.000	9.382	57258.20	0.0165	P	4.4	-6.2
5	☐	100.000	95.816	566764.41	0.1676	P	0.7	-4.2
6	☐	200.000	202.131	1167815.27	0.3534	P	0.6	1.1
7	☐	1.000						

y = 0.0017 * x + 1.1856E-004
R = 0.9997
DL = 0.02497 ppb
BEC = 0.06784 ppb

Weight: <None>
Min Conc: <None>

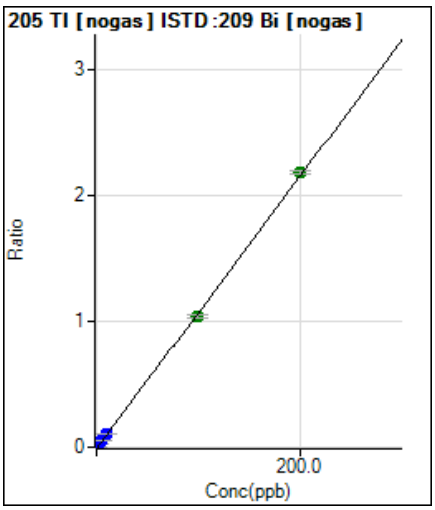


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	86.67	0.0000	P	47.8	
2	☐	2.000	2.017	27683.61	0.0091	P	5.8	0.9
3	☐	5.000	4.908	66259.78	0.0220	P	0.8	-1.8
4	☐	10.000	9.651	132835.11	0.0432	P	2.7	-3.5
5	☐	100.000	100.249	1321770.69	0.4486	P	3.5	0.2
6	☐	200.000	199.895	2557017.30	0.8946	A	1.6	-0.1
7	☐	1.000						

y = 0.0045 * x + 2.8758E-005
R = 1.0000
DL = 0.009217 ppb
BEC = 0.006426 ppb

Weight: <None>
Min Conc: <None>

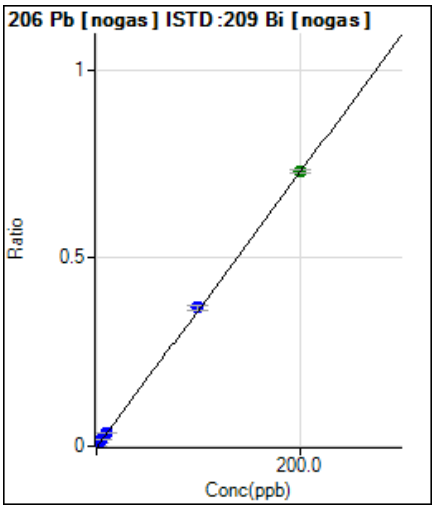
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	196.68	0.0001	P	7.7	
2	☐	2.000	1.938	64372.68	0.0211	P	3.5	-3.1
3	☐	5.000	4.857	158581.83	0.0527	P	3.6	-2.9
4	☐	10.000	9.603	319755.23	0.1040	P	2.1	-4.0
5	☐	100.000	96.316	3072693.91	1.0428	A	2.2	-3.7
6	☐	200.000	201.866	6247133.03	2.1855	A	1.2	0.9
7	☐	1.000						

y = 0.0108 * x + 6.4963E-005
R = 0.9998
DL = 0.001393 ppb
BEC = 0.006001 ppb

Weight: <None>
Min Conc: <None>

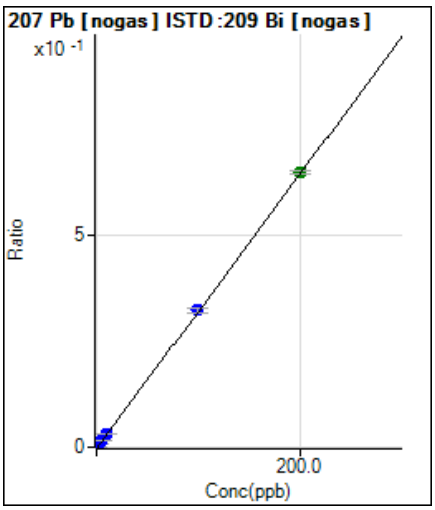


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	306.68	0.0001	P	18.4	
2	☐	2.000	2.006	22759.43	0.0074	P	4.9	0.3
3	☐	5.000	4.973	55126.08	0.0183	P	2.2	-0.5
4	☐	10.000	9.845	111056.60	0.0361	P	2.4	-1.6
5	☐	100.000	100.708	1086259.20	0.3687	P	3.0	0.7
6	☐	200.000	199.654	2089102.94	0.7308	A	1.4	-0.2
7	☐	1.000						

y = 0.0037 * x + 1.0102E-004
R = 1.0000
DL = 0.01525 ppb
BEC = 0.0276 ppb

Weight: <None>
Min Conc: <None>

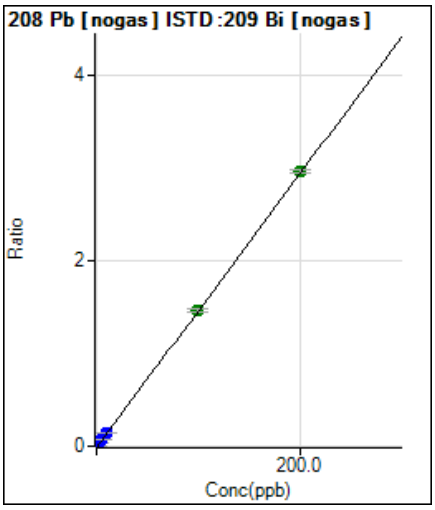
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	206.67	0.0001	P	32.4	
2	☐	2.000	1.940	19481.86	0.0064	P	1.6	-3.0
3	☐	5.000	4.996	49080.22	0.0163	P	1.9	-0.1
4	☐	10.000	9.670	96720.63	0.0315	P	3.2	-3.3
5	☐	100.000	99.553	952622.12	0.3233	P	3.6	-0.4
6	☐	200.000	200.241	1858812.00	0.6503	A	1.7	0.1
7	☐	1.000						

y = 0.0032 * x + 6.8054E-005
R = 1.0000
DL = 0.02038 ppb
BEC = 0.02096 ppb

Weight: <None>
Min Conc: <None>

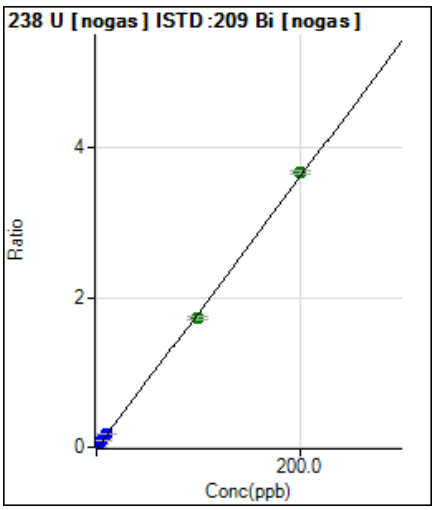


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1123.38	0.0004	P	7.3	
2	☐	2.000	1.980	90753.26	0.0297	P	2.4	-1.0
3	☐	5.000	4.934	221086.62	0.0734	P	1.9	-1.3
4	☐	10.000	9.728	443679.51	0.1443	P	2.5	-2.7
5	☐	100.000	98.624	4301892.07	1.4600	A	2.3	-1.4
6	☐	200.000	200.704	8491787.89	2.9708	A	0.9	0.4
7	☐	1.000						

y = 0.0148 * x + 3.7031E-004
R = 1.0000
DL = 0.005501 ppb
BEC = 0.02502 ppb

Weight: <None>
Min Conc: <None>

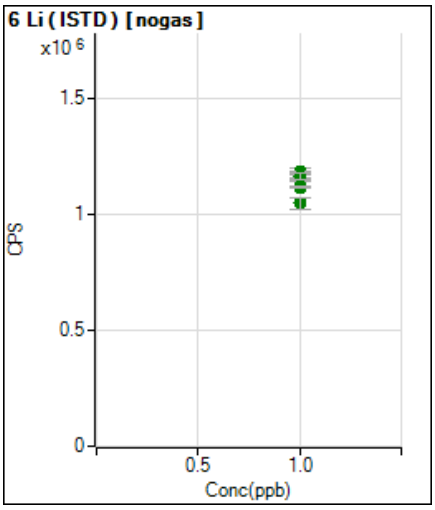
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	140.00	0.0000	P	27.6	
2	☐	2.000	1.895	105418.15	0.0345	P	2.2	-5.3
3	☐	5.000	4.721	258426.67	0.0858	P	2.3	-5.6
4	☐	10.000	9.343	521782.30	0.1697	P	2.1	-6.6
5	☐	100.000	95.185	5094707.63	1.7290	A	2.0	-4.8
6	☐	200.000	202.448	10511497.76	3.6773	A	1.0	1.2
7	☐	1.000						

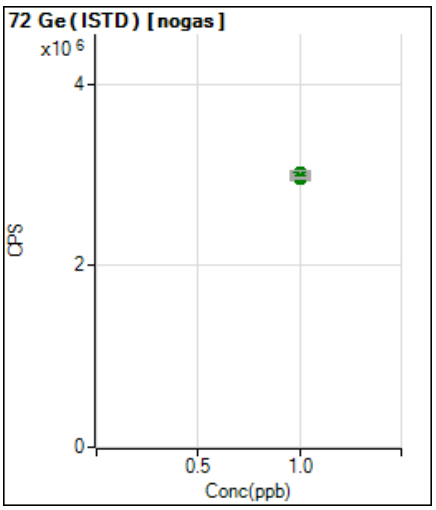
y = 0.0182 * x + 4.6392E-005
R = 0.9996
DL = 0.002113 ppb
BEC = 0.002554 ppb

Weight: <None>
Min Conc: <None>

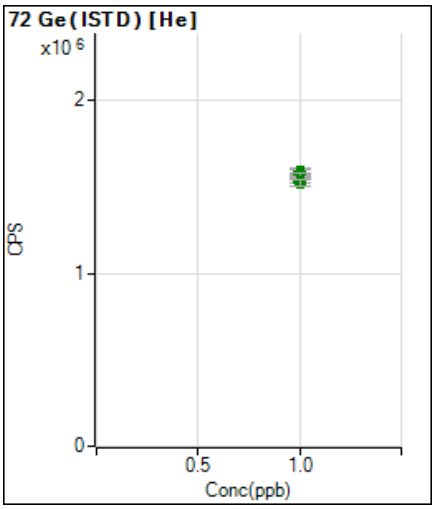


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1187992.33		A	1.8	
2	☐	1.000		1187474.53		A	0.6	
3	☐	1.000		1154236.54		A	1.4	
4	☐	1.000		1165188.60		A	2.7	
5	☐	1.000		1119478.39		A	1.0	
6	☐	1.000		1049027.47		A	4.3	
7	☐	1.000						

Calibration for 015_ICV.d

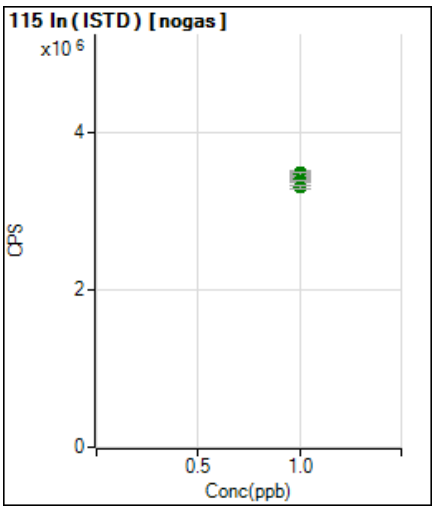


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2988430.99		A	1.6	
2	☐	1.000		3011293.08		A	1.5	
3	☐	1.000		3011432.25		A	0.8	
4	☐	1.000		3028012.97		A	1.6	
5	☐	1.000		2962673.81		A	1.5	
6	☐	1.000		2963759.75		A	0.4	
7	☐	1.000						

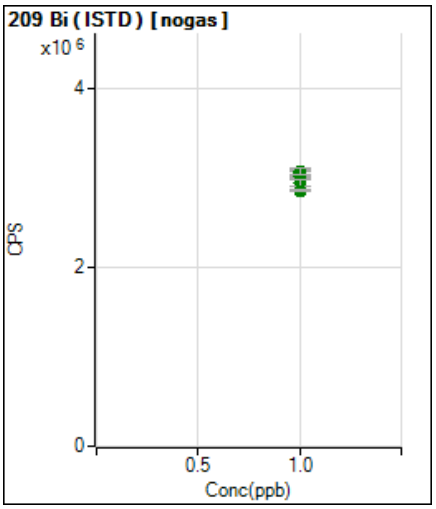


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1591742.95		A	2.4	
2	☐	1.000		1571906.96		A	1.6	
3	☐	1.000		1581998.68		A	2.1	
4	☐	1.000		1571572.89		A	1.0	
5	☐	1.000		1537651.23		A	1.5	
6	☐	1.000		1527100.71		A	2.8	
7	☐	1.000						

Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3430136.86		A	0.8	
2	☐	1.000		3492989.13		A	1.0	
3	☐	1.000		3403102.86		A	2.2	
4	☐	1.000		3467870.26		A	0.9	
5	☐	1.000		3382107.91		A	0.8	
6	☐	1.000		3304749.46		A	1.2	
7	☐	1.000						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3030667.14		A	2.5	
2	☐	1.000		3059932.87		A	2.7	
3	☐	1.000		3012957.46		A	1.5	
4	☐	1.000		3074523.29		A	1.8	
5	☐	1.000		2947482.87		A	2.1	
6	☐	1.000		2858492.77		A	0.3	
7	☐	1.000						

Initial Calibration Verification (ICV) Report

Sample Table

Sample Name	ICV
Data File Name	015_ICV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:48:22-06:00
Sample Type	ICV
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	101.790	2.165	511056	0.09	100	101.8	90	110	
B	11	1	nogas	502.493	3.344	1605568	1.32	500	100.5	90	110	
Al	27	1	nogas	104.821	1.506	1743853	1.67	100	104.8	90	110	
P	31	1	nogas	514.013	0.273	507769	0.93	500	102.8	90	110	
Ti	47	1	nogas	101.109	0.539	203020	1.38	100	101.1	90	110	
Ni	60	1	nogas	104.937	0.974	582063	1.26	100	104.9	90	110	
Cu	63	1	nogas	107.031	0.023	1340132	0.87	100	107.0	90	110	
Zn	66	1	nogas	107.914	0.163	381565	0.80	100	107.9	90	110	
Se	77	1	nogas	95.236	2.330	22578	1.83	100	95.2	90	110	
Se	82	1	nogas	106.819	1.468	25899	0.94	100	106.8	90	110	
Sr	88	1	nogas	101.556	1.223	3690377	2.06	100	101.6	90	110	
Mo	95	1	nogas	101.883	1.352	720151	1.76	100	101.9	90	110	
Ag	107	1	nogas	101.656	0.886	1713815	0.21	100	101.7	90	110	
Cd	111	1	nogas	101.824	1.391	371615	2.43	100	101.8	90	110	
Sn	118	1	nogas	104.958	1.521	1123987	1.80	100	105.0	90	110	
Sb	121	1	nogas	103.499	4.305	1383285	3.56	100	103.5	90	110	
Ba	137	1	nogas	101.409	0.890	605880	1.39	100	101.4	90	110	
Tl	205	1	nogas	103.639	2.754	3323526	1.87	100	103.6	90	110	
Pb	208	1	nogas	103.364	2.351	4532282	1.52	100	103.4	90	110	
U	238	1	nogas	98.923	2.298	5322288	1.29	100	98.9	90	110	
Li	7	1	nogas	105.507	2.083	1704205	1.32	100	105.5	90	110	
Si	28	1	nogas	6194.885	1.451	5608837	1.65	5000	123.9	90	110	ICV Main CR1 Failed
Ba	135	1	nogas	101.178	1.049	344209	1.51	100	101.2	90	110	
Tl	203	1	nogas	107.889	3.425	1430039	2.44	100	107.9	90	110	
Na	23	2	He	10466.579	1.109	26104240	0.83	10000	104.7	90	110	
Mg	24	2	He	10430.019	1.929	16876640	0.17	10000	104.3	90	110	
Al	27	2	He	102.968	1.900	150168	0.10	100	103.0	90	110	
K	39	2	He	10416.662	1.093	25700633	0.70	10000	104.2	90	110	
Ca	43	2	He	10336.237	3.138	78430	1.35	10000	103.4	90	110	
Ca	44	2	He	10632.643	1.414	1302336	0.74	10000	106.3	90	110	
V	51	2	He	105.957	1.449	1261655	0.85	100	106.0	90	110	
Cr	52	2	He	105.324	1.462	1315723	0.88	100	105.3	90	110	
Mn	55	2	He	106.828	1.589	1232137	1.09	100	106.8	90	110	
Fe	56	2	He	10380.466	2.860	120123722	1.38	10000	103.8	90	110	
Co	59	2	He	103.734	0.852	1639077	0.94	100	103.7	90	110	
Ni	60	2	He	104.182	2.170	421520	1.06	100	104.2	90	110	
Cu	63	2	He	105.570	1.376	1037008	1.14	100	105.6	90	110	
Zn	66	2	He	105.812	1.281	237679	0.76	100	105.8	90	110	
As	75	2	He	105.550	0.679	182721	1.42	100	105.5	90	110	
Sb	121	2	He	108.438	2.031	1163098	0.83	100	108.4	90	110	
Se	78	2	He	106.122	1.735	24227	1.00	100	106.1	90	110	
Ti	47	2	He	100.509	3.463	60083	1.94	100	100.5	90	110	

QC ISTD Table

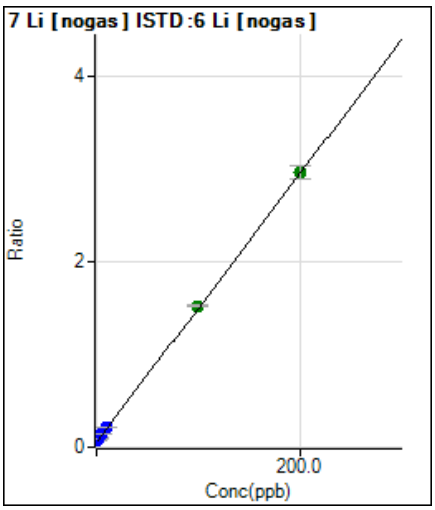
Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3027410	0.85	2988431	101.30	70	120	
In	115	1	nogas	3416362	1.10	3430137	99.60	70	120	
Li	6	1	nogas	1107053	2.10	1187992	93.19	70	120	
Bi	209	1	nogas	2962421	1.02	3030667	97.75	70	120	
Ge	72	2	He	1582056	1.79	1591743	99.39	70	120	

Calibration for 131_ICV.d

Batch Folder:	C:\Agilent\ICPMH\1\DATA\012621A.b\
Analysis File:	012621A.batch.bin
DA Date-Time:	1/26/2021 11:00:38 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	

Level	Standard Data File	Sample Name	Acq. Date-Time
1	124CALB.d	CAL BLK	1/26/2021 2:26:28 PM
2	125CALS.d	2/10/200	1/26/2021 2:28:30 PM
3	126CALS.d	5/25/500	1/26/2021 2:30:32 PM
4	127CALS.d	10/50/1000	1/26/2021 2:32:32 PM
5	128CALS.d	100/500/10K	1/26/2021 2:34:32 PM
6	129CALS.d	200/1000/20K	1/26/2021 2:36:25 PM
7			

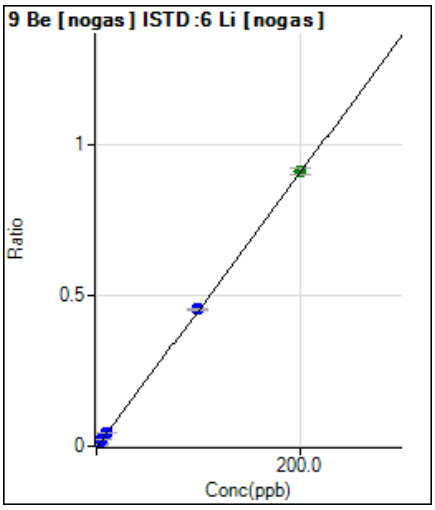
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	100724.67	0.0678	P	2.6	
2	☐	2.000	2.090	142102.76	0.0981	P	1.7	4.5
3	☐	5.000	4.965	201355.61	0.1397	P	2.8	-0.7
4	☐	10.000	9.922	296067.28	0.2114	P	0.6	-0.8
5	☐	100.000	100.141	2035972.05	1.5174	A	1.1	0.1
6	☐	200.000	199.933	3805847.65	2.9619	A	4.6	0.0
7	☐	1.000						

y = 0.0145 * x + 0.0678
R = 1.0000
DL = 0.3584 ppb
BEC = 4.685 ppb

Weight: <None>
Min Conc: <None>

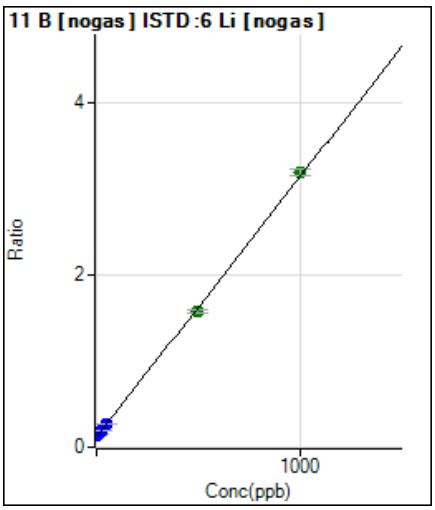


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	35.00	0.0000	P	11.3	
2	☐	2.000	1.825	12097.20	0.0083	P	2.6	-8.8
3	☐	5.000	4.521	29726.26	0.0207	P	6.9	-9.6
4	☐	10.000	9.245	59096.52	0.0422	P	1.7	-7.5
5	☐	100.000	99.729	610515.86	0.4550	P	1.6	-0.3
6	☐	200.000	200.187	1173911.73	0.9134	A	3.0	0.1
7	☐	1.000						

y = 0.0046 * x + 2.3498E-005
R = 1.0000
DL = 0.001748 ppb
BEC = 0.00515 ppb

Weight: <None>
Min Conc: <None>

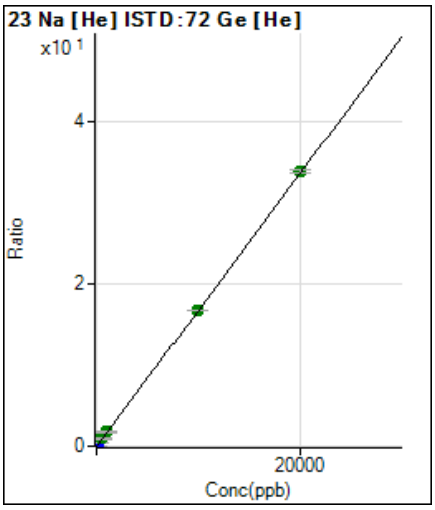
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	198331.93	0.1336	P	3.6	
2	☐	10.000	7.534	226566.52	0.1563	P	1.9	-24.
3	☐	25.000	18.806	274255.11	0.1905	P	5.7	-24.
4	☐	50.000	45.368	379230.48	0.2708	P	1.6	-9.3
5	☐	500.000	477.865	2119176.12	1.5796	A	3.0	-4.4
6	☐	1000.000	1011.479	4106437.65	3.1944	A	2.2	1.1
7	☐	5.000						

y = 0.0030 * x + 0.1336
R = 0.9997
DL = 4.818 ppb
BEC = 44.13 ppb

Weight: <None>
Min Conc: <None>

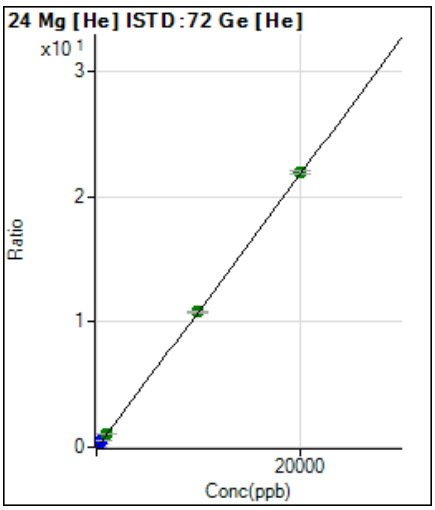


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	188470.28	0.1001	P	2.4	
2	☐	200.000	199.907	811520.53	0.4360	P	2.4	0.0
3	☐	500.000	488.585	1688451.48	0.9210	A	2.2	-2.3
4	☐	1000.000	976.529	3177749.43	1.7409	A	2.6	-2.3
5	☐	10000.00	9877.366	30348412.05	16.6961	A	1.1	-1.2
6	☐	20000.00	20062.77	60052135.77	33.8096	A	0.7	0.3
7	☐	100.000						

y = 0.0017 * x + 0.1001
R = 1.0000
DL = 4.288 ppb
BEC = 59.58 ppb

Weight: <None>
Min Conc: <None>

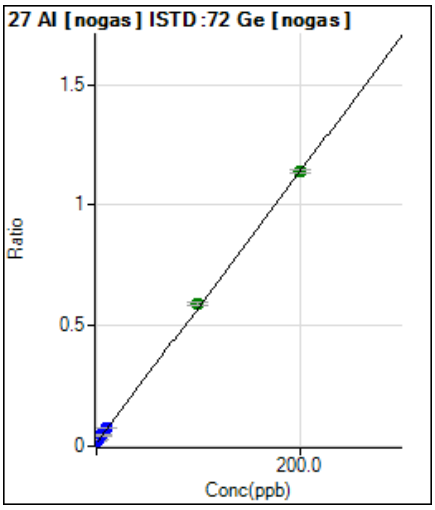
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4583.96	0.0024	P	4.2	
2	☐	200.000	205.439	423023.59	0.2272	P	1.2	2.7
3	☐	500.000	510.647	1028742.38	0.5612	P	2.2	2.1
4	☐	1000.000	986.325	1974788.62	1.0817	A	1.6	-1.4
5	☐	10000.00	9877.896	19651084.29	10.8111	A	1.3	-1.2
6	☐	20000.00	20061.41	38994151.92	21.9542	A	1.3	0.3
7	☐	100.000						

y = 0.0011 * x + 0.0024
R = 1.0000
DL = 0.2794 ppb
BEC = 2.225 ppb

Weight: <None>
Min Conc: <None>

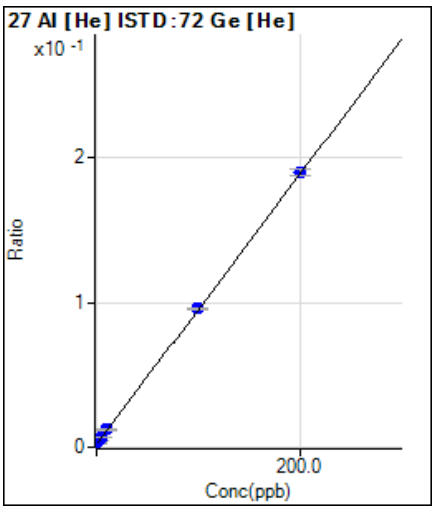


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	71123.08	0.0190	P	3.2	
2	☐	2.000	1.942	111920.48	0.0299	P	0.9	-2.9
3	☐	5.000	4.792	172757.37	0.0460	P	10.2	-4.2
4	☐	10.000	10.469	291237.01	0.0780	P	0.8	4.7
5	☐	100.000	101.748	2160902.73	0.5923	A	1.7	1.7
6	☐	200.000	199.108	4129632.65	1.1408	A	1.7	-0.4
7	☐	1.000						

y = 0.0056 * x + 0.0190
R = 0.9999
DL = 0.3192 ppb
BEC = 3.373 ppb

Weight: <None>
Min Conc: <None>

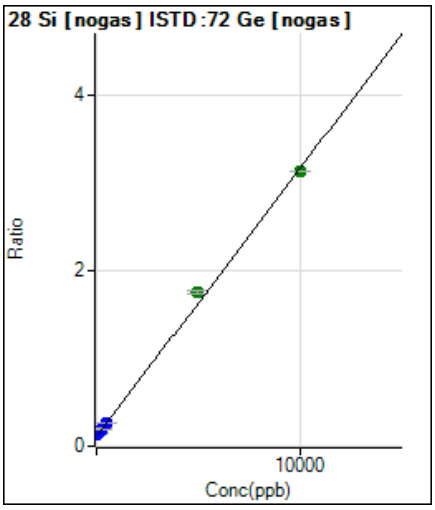
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5410.85	0.0029	P	3.0	
2	☐	2.000	1.807	8485.38	0.0046	P	6.3	-9.6
3	☐	5.000	4.560	13067.99	0.0071	P	3.6	-8.8
4	☐	10.000	9.853	22043.00	0.0121	P	2.6	-1.5
5	☐	100.000	99.449	173978.34	0.0957	P	1.0	-0.6
6	☐	200.000	200.296	337194.50	0.1899	P	2.1	0.1
7	☐	1.000						

y = 9.3356E-004 * x + 0.0029
R = 1.0000
DL = 0.2747 ppb
BEC = 3.078 ppb

Weight: <None>
Min Conc: <None>

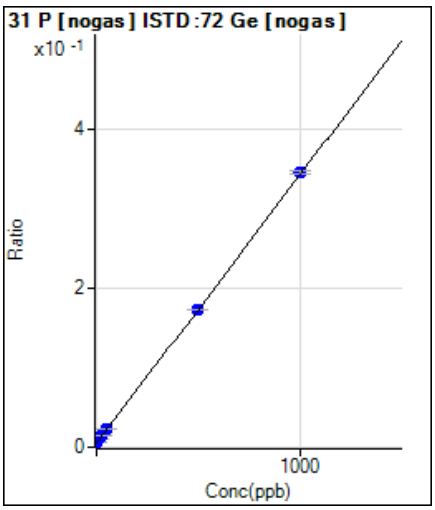


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	465589.44	0.1244	P	2.3	
2	☐	100.000	87.389	564799.68	0.1511	P	1.3	-12.
3	☐	250.000	218.496	719063.89	0.1912	P	7.9	-12.
4	☐	500.000	471.635	1003282.88	0.2687	P	0.2	-5.7
5	☐	5000.000	5325.150	6398100.95	1.7532	A	2.2	6.5
6	☐	10000.00	9839.757	11346065.66	3.1341	A	0.4	-1.6
7	☐	50.000						

y = 3.0588E-004 * x + 0.1244
R = 0.9992
DL = 27.62 ppb
BEC = 406.7 ppb

Weight: <None>
Min Conc: <None>

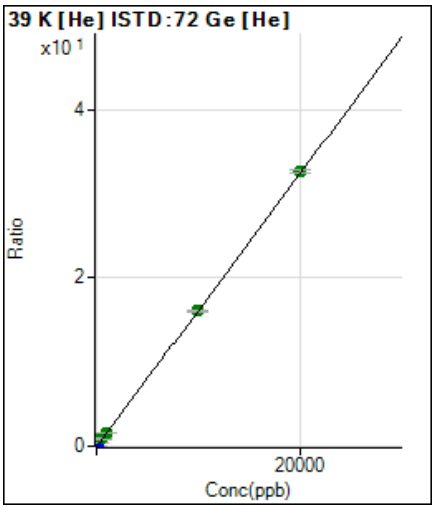
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	26271.75	0.0070	P	0.5	
2	☐	10.000	9.421	38095.10	0.0102	P	1.6	-5.8
3	☐	25.000	23.395	56029.52	0.0149	P	8.7	-6.4
4	☐	50.000	49.125	88067.02	0.0236	P	2.1	-1.8
5	☐	500.000	491.897	630821.76	0.1729	P	0.5	-1.6
6	☐	1000.000	1004.141	1251184.15	0.3456	P	1.2	0.4
7	☐	5.000						

y = 3.3721E-004 * x + 0.0070
R = 1.0000
DL = 0.3296 ppb
BEC = 20.81 ppb

Weight: <None>
Min Conc: <None>

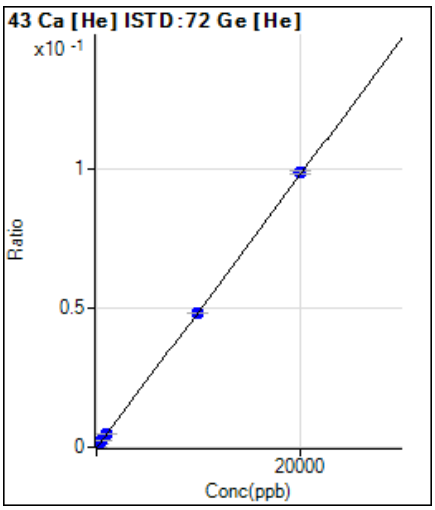


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	148707.58	0.0790	P	2.6	
2	☐	200.000	203.436	762456.94	0.4096	P	1.1	1.7
3	☐	500.000	498.310	1629382.42	0.8887	A	1.3	-0.3
4	☐	1000.000	970.795	3023998.19	1.6564	A	1.3	-2.9
5	☐	10000.00	9858.388	29260282.07	16.0980	A	1.2	-1.4
6	☐	20000.00	20072.27	58068680.80	32.6947	A	1.3	0.4
7	☐	100.000						

y = 0.0016 * x + 0.0790
R = 1.0000
DL = 3.841 ppb
BEC = 48.61 ppb

Weight: <None>
Min Conc: <None>

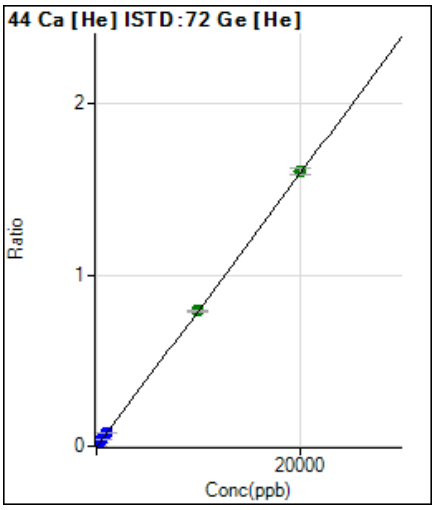
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	303.34	0.0002	P	11.8	
2	☐	200.000	169.409	1850.13	0.0010	P	2.6	-15.
3	☐	500.000	462.740	4463.93	0.0024	P	2.1	-7.5
4	☐	1000.000	962.242	8925.60	0.0049	P	1.1	-3.8
5	☐	10000.00	9811.602	87911.94	0.0484	P	0.5	-1.9
6	☐	20000.00	20097.32	175664.55	0.0989	P	0.8	0.5
7	☐	100.000						

y = 4.9129E-006 * x + 1.6114E-004
R = 0.9999
DL = 11.6 ppb
BEC = 32.8 ppb

Weight: <None>
Min Conc: <None>

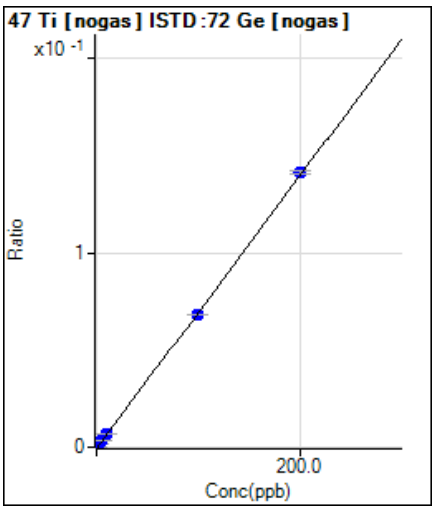


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3653.76	0.0019	P	10.6	
2	☐	200.000	197.924	33082.84	0.0178	P	1.9	-1.0
3	☐	500.000	494.653	76094.42	0.0415	P	1.9	-1.1
4	☐	1000.000	981.533	146873.49	0.0805	P	0.6	-1.8
5	☐	10000.00	9859.991	1437064.09	0.7906	A	1.4	-1.4
6	☐	20000.00	20071.08	2855224.33	1.6073	A	2.5	0.4
7	☐	100.000						

y = 7.9986E-005 * x + 0.0019
R = 1.0000
DL = 7.732 ppb
BEC = 24.27 ppb

Weight: <None>
Min Conc: <None>

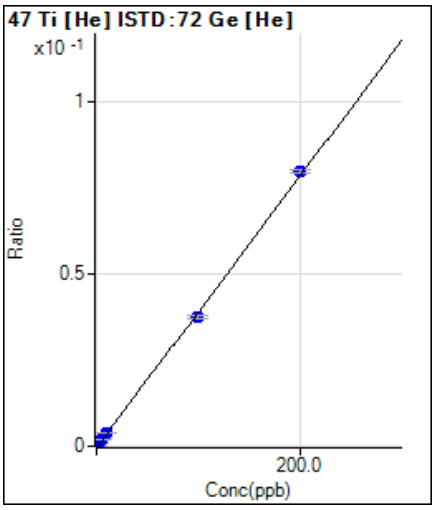
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	116.67	0.0000	P	21.2	
2	☐	2.000	1.867	5014.08	0.0013	P	2.7	-6.6
3	☐	5.000	4.672	12457.61	0.0033	P	6.5	-6.6
4	☐	10.000	9.537	25110.56	0.0067	P	2.0	-4.6
5	☐	100.000	97.317	249307.26	0.0683	P	0.3	-2.7
6	☐	200.000	201.374	511694.50	0.1414	P	1.2	0.7
7	☐	1.000						

y = 7.0178E-004 * x + 3.1234E-005
R = 0.9999
DL = 0.02825 ppb
BEC = 0.04451 ppb

Weight: <None>
Min Conc: <None>

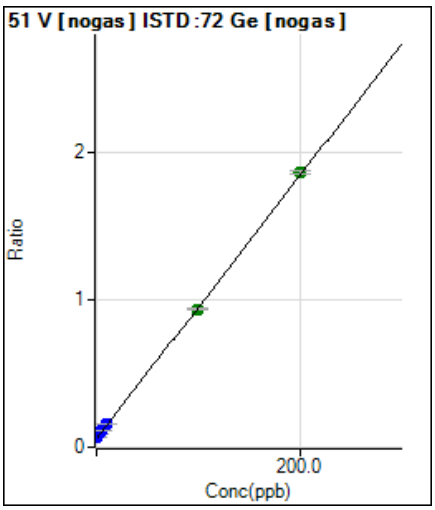


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	16.67	0.0000	P	91.4	
2	☐	2.000	2.055	1523.42	0.0008	P	11.8	2.7
3	☐	5.000	4.636	3363.69	0.0018	P	8.7	-7.3
4	☐	10.000	9.683	6984.78	0.0038	P	3.9	-3.2
5	☐	100.000	95.163	68224.38	0.0375	P	3.3	-4.8
6	☐	200.000	202.443	141807.17	0.0798	P	0.9	1.2
7	☐	1.000						

y = 3.9432E-004 * x + 8.8752E-006
R = 0.9996
DL = 0.06174 ppb
BEC = 0.02251 ppb

Weight: <None>
Min Conc: <None>

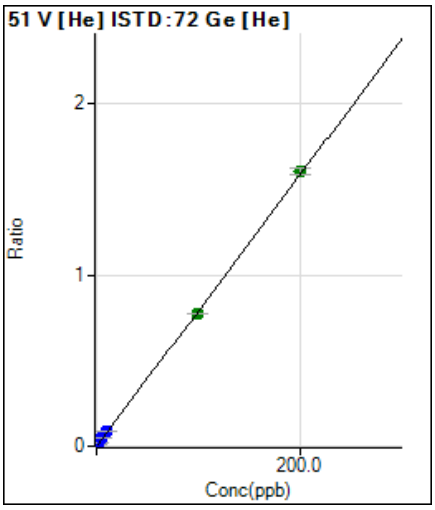
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	252482.59	0.0674	P	1.0	
2	☐	2.000	2.089	321671.93	0.0861	P	1.8	4.4
3	☐	5.000	5.016	421729.56	0.1122	P	8.0	0.3
4	☐	10.000	10.379	597480.69	0.1600	P	0.4	3.8
5	☐	100.000	97.282	3410927.97	0.9349	A	1.5	-2.7
6	☐	200.000	201.339	6743278.02	1.8627	A	0.8	0.7
7	☐	1.000						

y = 0.0089 * x + 0.0674
R = 0.9999
DL = 0.2286 ppb
BEC = 7.564 ppb

Weight: <None>
Min Conc: <None>

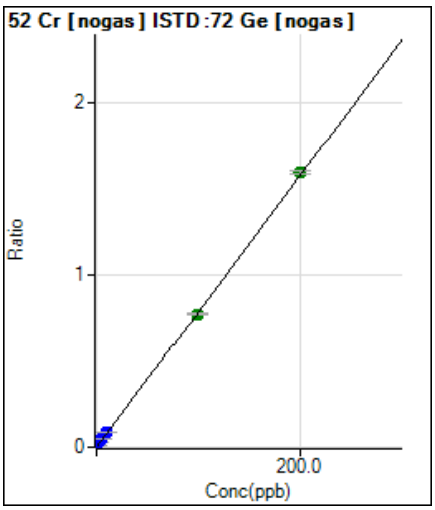


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	12135.10	0.0064	P	0.5	
2	☐	2.000	1.993	41421.37	0.0222	P	1.3	-0.3
3	☐	5.000	4.978	84171.87	0.0459	P	2.1	-0.4
4	☐	10.000	9.940	155662.68	0.0853	P	1.4	-0.6
5	☐	100.000	96.793	1407023.17	0.7740	A	0.7	-3.2
6	☐	200.000	201.607	2851505.02	1.6052	A	2.4	0.8
7	☐	1.000						

y = 0.0079 * x + 0.0064
R = 0.9998
DL = 0.01252 ppb
BEC = 0.8127 ppb

Weight: <None>
Min Conc: <None>

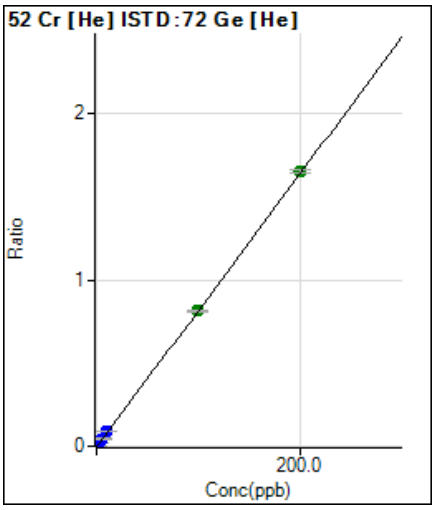
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	29006.19	0.0077	P	1.3	
2	☐	2.000	2.174	92917.54	0.0249	P	1.6	8.7
3	☐	5.000	5.036	178191.64	0.0474	P	7.8	0.7
4	☐	10.000	10.239	329929.48	0.0883	P	0.2	2.4
5	☐	100.000	96.765	2807518.92	0.7695	A	1.4	-3.2
6	☐	200.000	201.603	5772862.62	1.5947	A	1.1	0.8
7	☐	1.000						

y = 0.0079 * x + 0.0077
R = 0.9998
DL = 0.03808 ppb
BEC = 0.9843 ppb

Weight: <None>
Min Conc: <None>

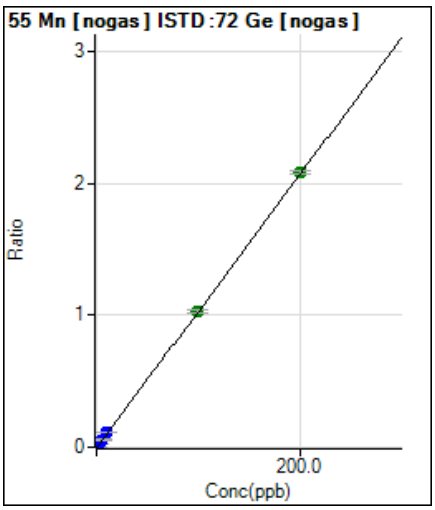


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4647.32	0.0025	P	7.0	
2	☐	2.000	2.089	36549.52	0.0196	P	3.1	4.4
3	☐	5.000	5.083	81099.22	0.0442	P	3.6	1.7
4	☐	10.000	10.216	157823.13	0.0864	P	0.7	2.2
5	☐	100.000	98.451	1475373.94	0.8117	A	1.4	-1.5
6	☐	200.000	200.761	2935414.64	1.6527	A	1.7	0.4
7	☐	1.000						

y = 0.0082 * x + 0.0025
R = 1.0000
DL = 0.063 ppb
BEC = 0.3003 ppb

Weight: <None>
Min Conc: <None>

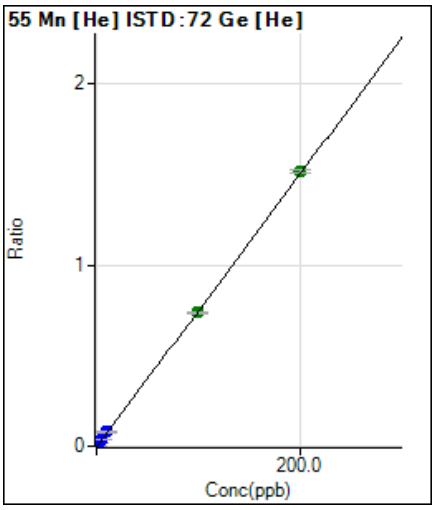
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	14685.99	0.0039	P	4.9	
2	☐	2.000	2.162	98403.37	0.0263	P	1.1	8.1
3	☐	5.000	4.961	207887.85	0.0553	P	9.5	-0.8
4	☐	10.000	10.182	408725.14	0.1095	P	1.0	1.8
5	☐	100.000	98.993	3757269.32	1.0299	A	2.3	-1.0
6	☐	200.000	200.494	7536424.68	2.0818	A	1.8	0.2
7	☐	1.000						

y = 0.0104 * x + 0.0039
R = 1.0000
DL = 0.05595 ppb
BEC = 0.3788 ppb

Weight: <None>
Min Conc: <None>

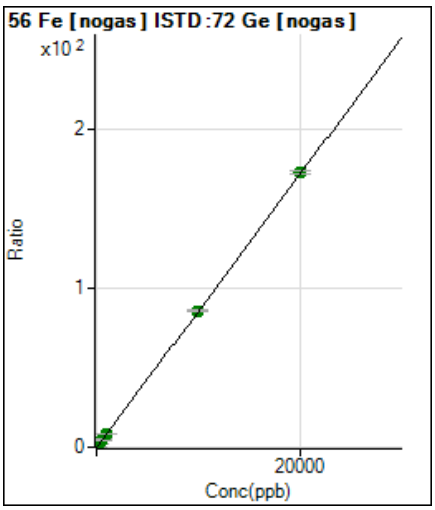


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3667.09	0.0019	P	5.9	
2	☐	2.000	2.130	33507.21	0.0180	P	1.3	6.5
3	☐	5.000	4.899	71263.55	0.0389	P	2.5	-2.0
4	☐	10.000	10.131	142946.77	0.0783	P	2.8	1.3
5	☐	100.000	97.807	1343651.44	0.7392	A	0.9	-2.2
6	☐	200.000	201.091	2696001.00	1.5178	A	0.8	0.5
7	☐	1.000						

y = 0.0075 * x + 0.0019
R = 0.9999
DL = 0.04607 ppb
BEC = 0.2583 ppb

Weight: <None>
Min Conc: <None>

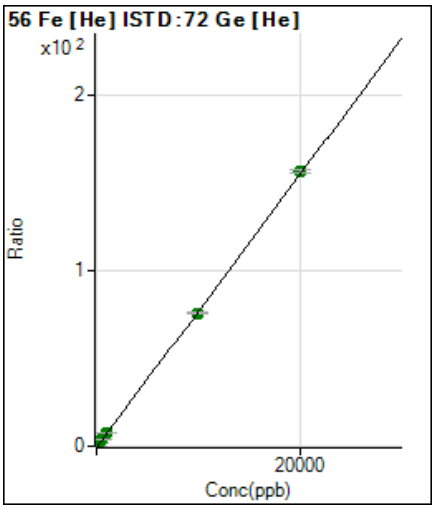
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1813688.51	0.4846	A	1.9	
2	☐	200.000	197.039	8147485.71	2.1801	A	0.7	-1.5
3	☐	500.000	474.227	17156191.41	4.5653	A	8.9	-5.2
4	☐	1000.000	954.359	32476822.02	8.6969	A	0.5	-4.6
5	☐	10000.00	9927.870	313481661.9	85.9144	A	0.4	-0.7
6	☐	20000.00	20039.02	625996644.0	172.921	A	0.7	0.2
7	☐	100.000						

y = 0.0086 * x + 0.4846
R = 1.0000
DL = 3.156 ppb
BEC = 56.31 ppb

Weight: <None>
Min Conc: <None>

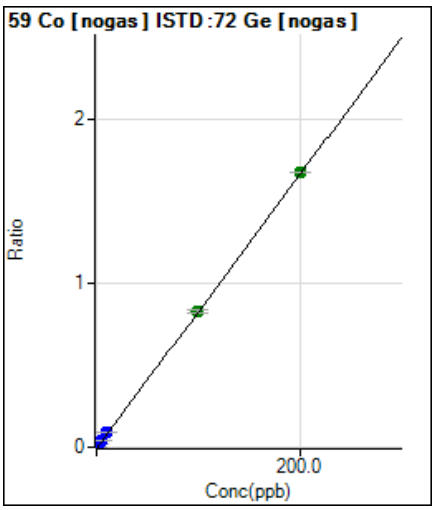


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	46819.28	0.0249	P	2.1	
2	☐	200.000	197.803	2914062.45	1.5654	A	1.4	-1.1
3	☐	500.000	483.119	6942780.52	3.7874	A	2.2	-3.4
4	☐	1000.000	973.734	13889611.87	7.6083	A	1.1	-2.6
5	☐	10000.00	9739.356	137918637.9	75.8750	A	0.7	-2.6
6	☐	20000.00	20132.07	278527215.8	156.813	A	0.9	0.7
7	☐	100.000						

y = 0.0078 * x + 0.0249
R = 0.9999
DL = 0.2008 ppb
BEC = 3.193 ppb

Weight: <None>
Min Conc: <None>

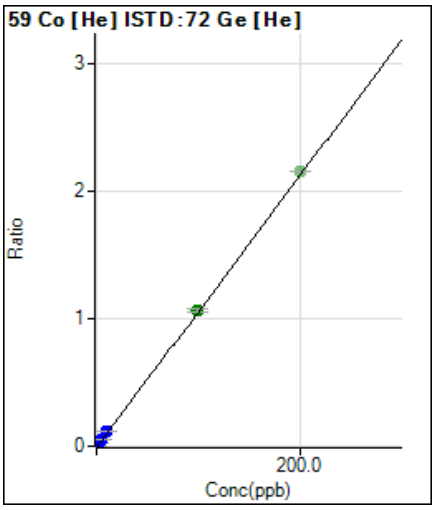
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	476.68	0.0001	P	32.8	
2	☐	2.000	2.071	65027.49	0.0174	P	1.0	3.5
3	☐	5.000	5.113	160691.52	0.0428	P	9.4	2.3
4	☐	10.000	10.314	321751.35	0.0862	P	0.3	3.1
5	☐	100.000	98.888	3009659.33	0.8249	A	2.4	-1.1
6	☐	200.000	200.537	6055671.99	1.6728	A	0.5	0.3
7	☐	1.000						

y = 0.0083 * x + 1.2673E-004
R = 1.0000
DL = 0.01495 ppb
BEC = 0.01519 ppb

Weight: <None>
Min Conc: <None>

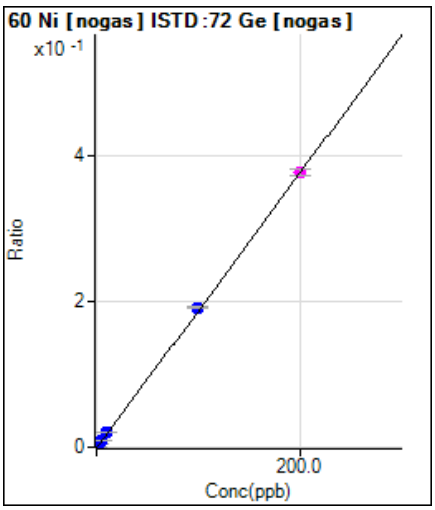


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	290.01	0.0002	P	9.8	
2	☐	2.000	2.086	41613.82	0.0224	P	1.9	4.3
3	☐	5.000	5.188	101533.77	0.0554	P	1.4	3.8
4	☐	10.000	10.468	203698.75	0.1116	P	2.0	4.7
5	☐	100.000	99.942	1934035.23	1.0641	A	2.1	-0.1
6	☑	200.000		3821830.98	2.1515	A	0.6	
7	☐	1.000						

y = 0.0106 * x + 1.5409E-004
R = 1.0000
DL = 0.00426 ppb
BEC = 0.01447 ppb

Weight: <None>
Min Conc: <None>

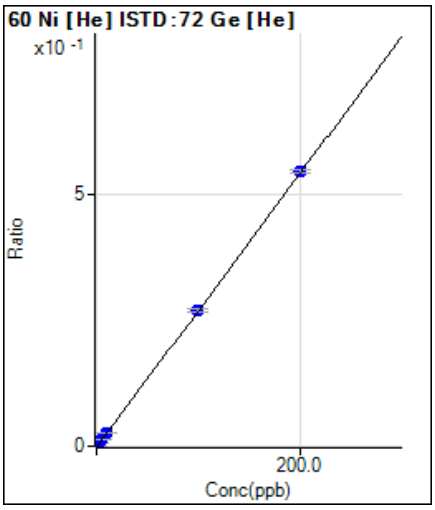
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1273.40	0.0003	P	5.4	
2	☐	2.000	2.044	15680.19	0.0042	P	2.0	2.2
3	☐	5.000	4.959	36459.69	0.0097	P	8.1	-0.8
4	☐	10.000	10.203	73157.93	0.0196	P	0.2	2.0
5	☐	100.000	101.136	697439.91	0.1911	P	0.9	1.1
6	☐	200.000	199.422	1363171.02	0.3766	M	2.0	-0.3
7	☐	1.000						

y = 0.0019 * x + 3.4036E-004
R = 1.0000
DL = 0.02908 ppb
BEC = 0.1804 ppb

Weight: <None>
Min Conc: <None>

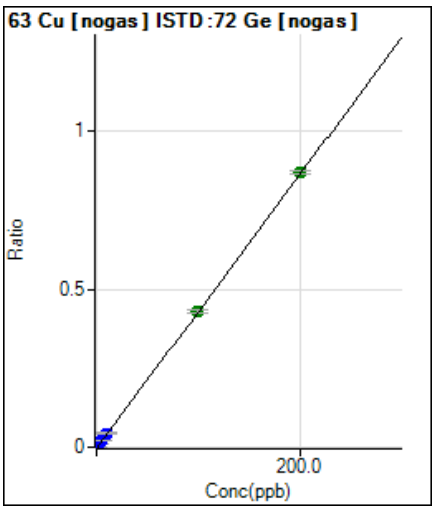


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	640.02	0.0003	P	11.7	
2	☐	2.000	2.058	11056.79	0.0059	P	3.1	2.9
3	☐	5.000	4.899	25064.02	0.0137	P	3.0	-2.0
4	☐	10.000	10.069	50649.60	0.0277	P	0.9	0.7
5	☐	100.000	98.857	489603.40	0.2694	P	2.2	-1.1
6	☐	200.000	200.570	970100.11	0.5462	P	1.1	0.3
7	☐	1.000						

y = 0.0027 * x + 3.4012E-004
R = 1.0000
DL = 0.04388 ppb
BEC = 0.125 ppb

Weight: <None>
Min Conc: <None>

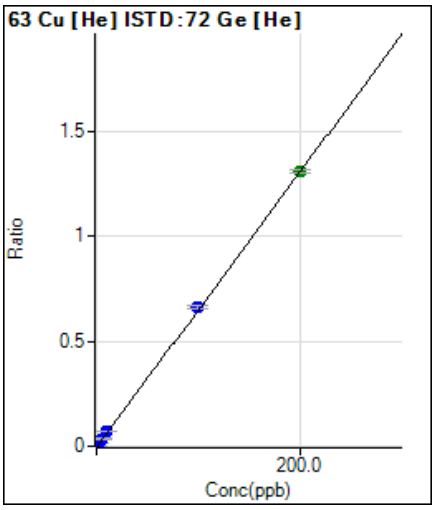
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1506.75	0.0004	P	6.7	
2	☐	2.000	2.122	35948.79	0.0096	P	0.9	6.1
3	☐	5.000	5.052	84013.86	0.0223	P	8.2	1.0
4	☐	10.000	10.152	166195.11	0.0445	P	0.7	1.5
5	☐	100.000	99.118	1572261.59	0.4310	A	2.5	-0.9
6	☐	200.000	200.431	3153130.16	0.8710	A	0.8	0.2
7	☐	1.000						

y = 0.0043 * x + 4.0276E-004
R = 1.0000
DL = 0.01864 ppb
BEC = 0.09272 ppb

Weight: <None>
Min Conc: <None>

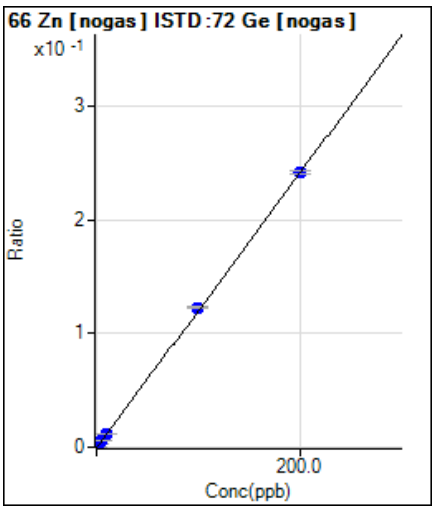


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1060.05	0.0006	P	14.0	
2	☐	2.000	2.090	26542.72	0.0143	P	2.4	4.5
3	☐	5.000	5.297	64676.83	0.0353	P	2.6	5.9
4	☐	10.000	10.242	123591.89	0.0677	P	0.5	2.4
5	☐	100.000	101.064	1205060.61	0.6630	P	1.7	1.1
6	☐	200.000	199.448	2323066.84	1.3079	A	1.0	-0.3
7	☐	1.000						

y = 0.0066 * x + 5.6308E-004
R = 1.0000
DL = 0.03618 ppb
BEC = 0.0859 ppb

Weight: <None>
Min Conc: <None>

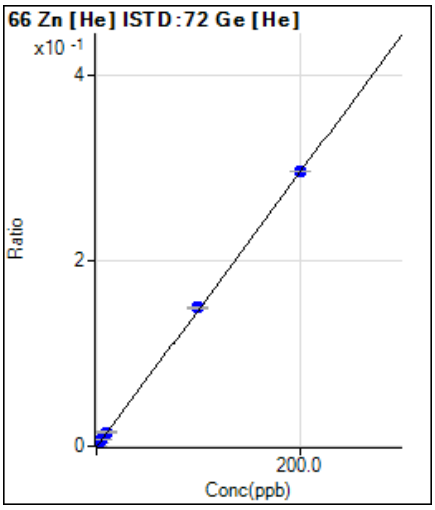
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1720.12	0.0005	P	1.3	
2	☐	2.000	1.939	10496.50	0.0028	P	5.7	-3.0
3	☐	5.000	4.626	22794.35	0.0061	P	8.5	-7.5
4	☐	10.000	9.704	45620.13	0.0122	P	1.6	-3.0
5	☐	100.000	101.284	449452.53	0.1232	P	0.8	1.3
6	☐	200.000	199.383	876228.74	0.2420	P	0.8	-0.3
7	☐	1.000						

y = 0.0012 * x + 4.5953E-004
R = 1.0000
DL = 0.01451 ppb
BEC = 0.3793 ppb

Weight: <None>
Min Conc: <None>

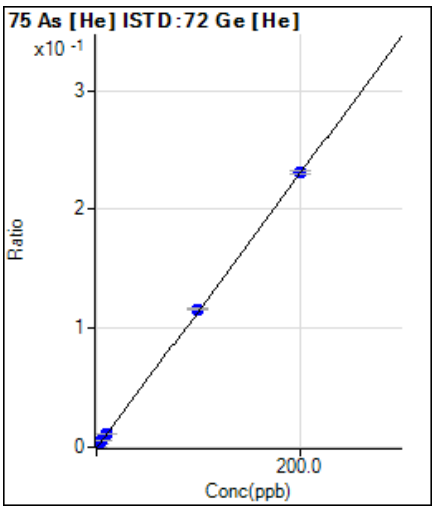


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1000.05	0.0005	P	13.9	
2	☐	2.000	1.961	6391.20	0.0034	P	5.1	-2.0
3	☐	5.000	4.916	14315.74	0.0078	P	2.5	-1.7
4	☐	10.000	9.786	27414.06	0.0150	P	3.4	-2.1
5	☐	100.000	100.640	271780.36	0.1495	P	0.9	0.6
6	☐	200.000	199.693	526055.35	0.2962	P	0.5	-0.2
7	☐	1.000						

y = 0.0015 * x + 5.3137E-004
R = 1.0000
DL = 0.1494 ppb
BEC = 0.3589 ppb

Weight: <None>
Min Conc: <None>

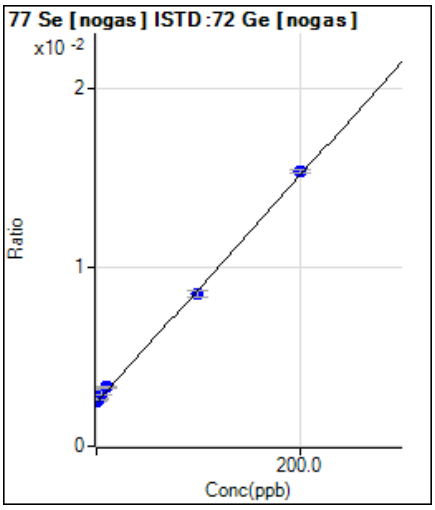
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	513.34	0.0003	P	3.5	
2	☐	2.000	2.050	4916.24	0.0026	P	3.1	2.5
3	☐	5.000	4.874	10824.35	0.0059	P	2.0	-2.5
4	☐	10.000	9.747	21059.94	0.0115	P	0.9	-2.5
5	☐	100.000	100.173	210887.04	0.1160	P	1.7	0.2
6	☐	200.000	199.929	410847.54	0.2313	P	0.7	0.0
7	☐	1.000						

y = 0.0012 * x + 2.7259E-004
R = 1.0000
DL = 0.02473 ppb
BEC = 0.2359 ppb

Weight: <None>
Min Conc: <None>

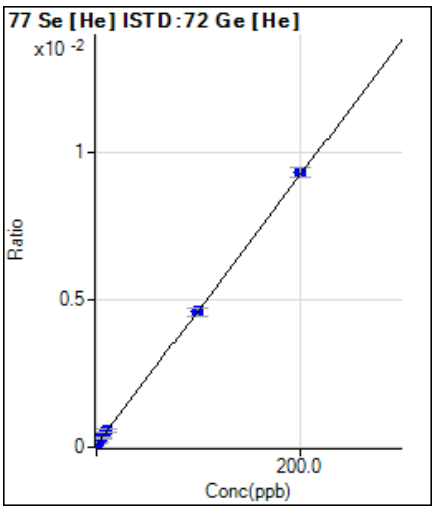


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	9435.95	0.0025	P	3.7	
2	☐	2.000	1.688	9822.82	0.0026	P	3.1	-15.
3	☐	5.000	7.556	11283.63	0.0030	P	8.4	51.1
4	☐	10.000	12.343	12344.41	0.0033	P	4.4	23.4
5	☐	100.000	94.507	31113.64	0.0085	P	3.5	-5.5
6	☐	200.000	202.568	55738.89	0.0154	P	1.1	1.3
7	☐	1.000						

y = 6.3566E-005 * x + 0.0025
R = 0.9993
DL = 4.418 ppb
BEC = 39.65 ppb

Weight: <None>
Min Conc: <None>

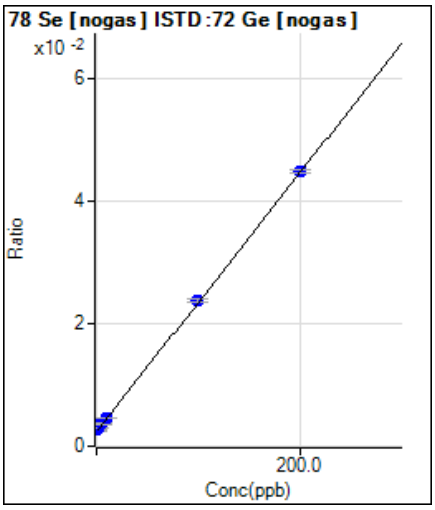
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	226.67	0.0001	P	19.2	
2	☐	2.000	1.045	313.34	0.0002	P	13.7	-47.
3	☐	5.000	4.688	613.36	0.0003	P	15.9	-6.2
4	☐	10.000	9.925	1046.71	0.0006	P	17.0	-0.8
5	☐	100.000	97.779	8342.00	0.0046	P	5.7	-2.2
6	☐	200.000	201.131	16551.03	0.0093	P	3.6	0.6
7	☐	1.000						

y = 4.5721E-005 * x + 1.2027E-004
R = 0.9999
DL = 1.513 ppb
BEC = 2.631 ppb

Weight: <None>
Min Conc: <None>

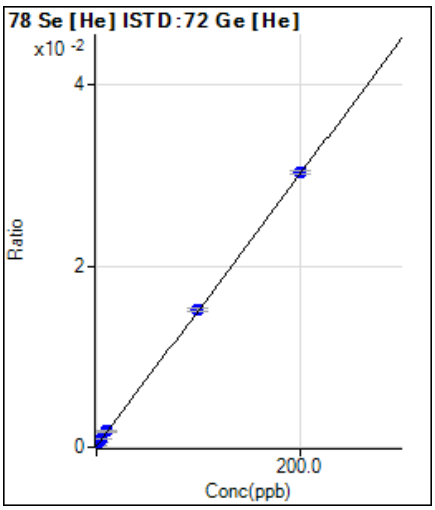


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	9719.47	0.0026	P	6.1	
2	☐	2.000	1.896	11196.93	0.0030	P	3.6	-5.2
3	☐	5.000	5.171	13868.77	0.0037	P	8.0	3.4
4	☐	10.000	9.273	17008.14	0.0046	P	2.3	-7.3
5	☐	100.000	100.104	86635.17	0.0237	P	2.0	0.1
6	☐	200.000	199.981	162347.04	0.0448	P	1.1	0.0
7	☐	1.000						

y = 2.1128E-004 * x + 0.0026
R = 1.0000
DL = 2.251 ppb
BEC = 12.29 ppb

Weight: <None>
Min Conc: <None>

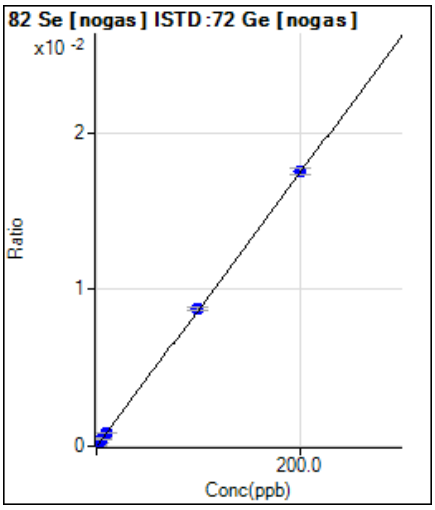
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	480.68	0.0003	P	4.3	
2	☐	2.000	2.090	1060.70	0.0006	P	1.7	4.5
3	☐	5.000	4.700	1762.76	0.0010	P	5.8	-6.0
4	☐	10.000	10.011	3214.96	0.0018	P	2.6	0.1
5	☐	100.000	99.315	27605.48	0.0152	P	2.4	-0.7
6	☐	200.000	200.348	53960.64	0.0304	P	0.9	0.2
7	☐	1.000						

y = 1.5036E-004 * x + 2.5534E-004
R = 1.0000
DL = 0.2207 ppb
BEC = 1.698 ppb

Weight: <None>
Min Conc: <None>

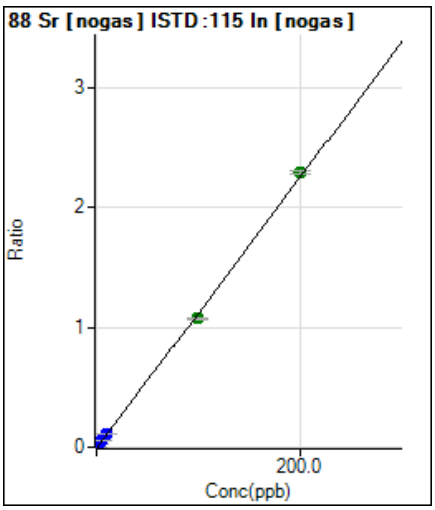


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	226.67	0.0001	P	25.7	
2	☐	2.000	2.015	883.38	0.0002	P	5.3	0.8
3	☐	5.000	4.540	1710.12	0.0005	P	17.3	-9.2
4	☐	10.000	9.068	3180.34	0.0009	P	1.5	-9.3
5	☐	100.000	99.860	32005.30	0.0088	P	2.6	-0.1
6	☐	200.000	200.128	63424.33	0.0175	P	1.9	0.1
7	☐	1.000						

y = 8.7242E-005 * x + 6.0495E-005
R = 1.0000
DL = 0.5349 ppb
BEC = 0.6934 ppb

Weight: <None>
Min Conc: <None>

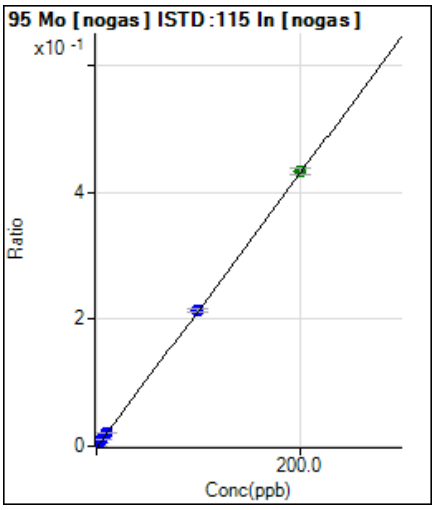
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6034.47	0.0014	P	5.0	
2	☐	2.000	1.984	100839.99	0.0238	P	1.8	-0.8
3	☐	5.000	4.817	239468.10	0.0558	P	11.8	-3.7
4	☐	10.000	9.936	477399.20	0.1137	P	2.1	-0.6
5	☐	100.000	94.585	4381448.37	1.0696	A	1.1	-5.4
6	☐	200.000	202.715	9248871.32	2.2906	A	1.2	1.4
7	☐	1.000						

y = 0.0113 * x + 0.0014
R = 0.9995
DL = 0.01896 ppb
BEC = 0.1276 ppb

Weight: <None>
Min Conc: <None>

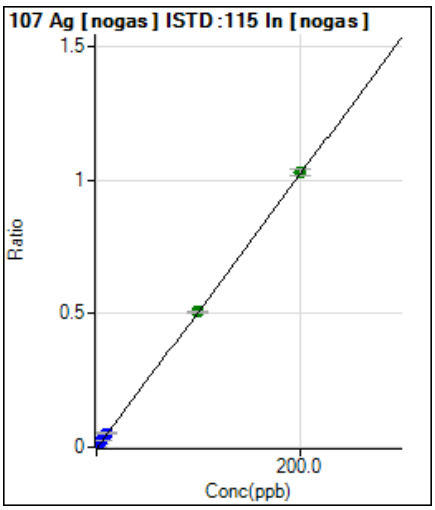


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	373.34	0.0001	P	4.1	
2	☐	2.000	1.937	18106.04	0.0043	P	3.0	-3.2
3	☐	5.000	4.804	44976.59	0.0105	P	11.0	-3.9
4	☐	10.000	9.731	88805.77	0.0211	P	2.9	-2.7
5	☐	100.000	98.963	877387.17	0.2142	P	1.7	-1.0
6	☐	200.000	200.537	1751849.82	0.4339	A	2.0	0.3
7	☐	1.000						

y = 0.0022 * x + 8.9200E-005
R = 1.0000
DL = 0.005036 ppb
BEC = 0.04123 ppb

Weight: <None>
Min Conc: <None>

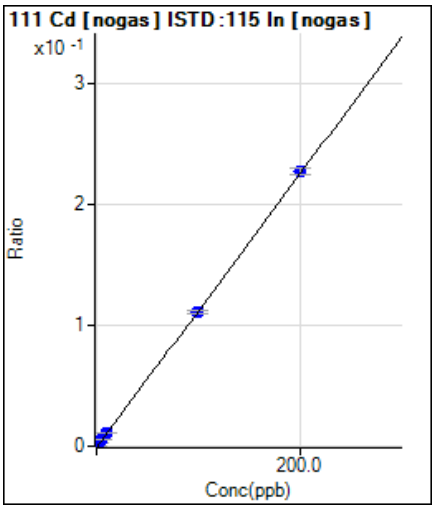
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	136.67	0.0000	P	10.0	
2	☐	2.000	2.050	44596.31	0.0105	P	2.5	2.5
3	☐	5.000	4.948	108949.07	0.0254	P	11.9	-1.0
4	☐	10.000	10.177	219288.67	0.0522	P	2.9	1.8
5	☐	100.000	98.909	2077591.69	0.5071	A	1.4	-1.1
6	☐	200.000	200.538	4150794.21	1.0282	A	2.0	0.3
7	☐	1.000						

y = 0.0051 * x + 3.2616E-005
R = 1.0000
DL = 0.001903 ppb
BEC = 0.006362 ppb

Weight: <None>
Min Conc: <None>

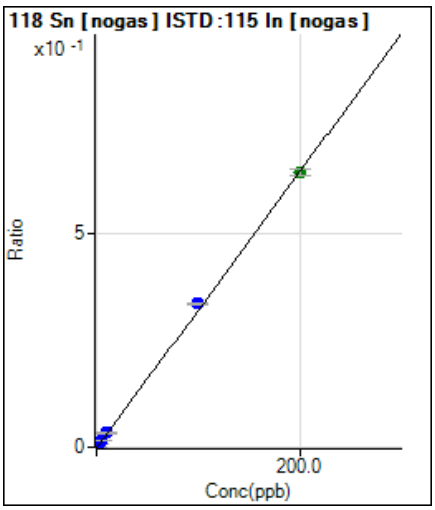


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	30.00	0.0000	P	1.3	
2	☐	2.000	1.913	9185.90	0.0022	P	3.7	-4.3
3	☐	5.000	4.709	22908.52	0.0053	P	9.9	-5.8
4	☐	10.000	9.521	45271.52	0.0108	P	2.1	-4.8
5	☐	100.000	98.253	455320.45	0.1112	P	1.9	-1.7
6	☐	200.000	200.906	917728.48	0.2273	P	1.8	0.5
7	☐	1.000						

y = 0.0011 * x + 7.1663E-006
R = 0.9999
DL = 0.0002408 ppb
BEC = 0.006335 ppb

Weight: <None>
Min Conc: <None>

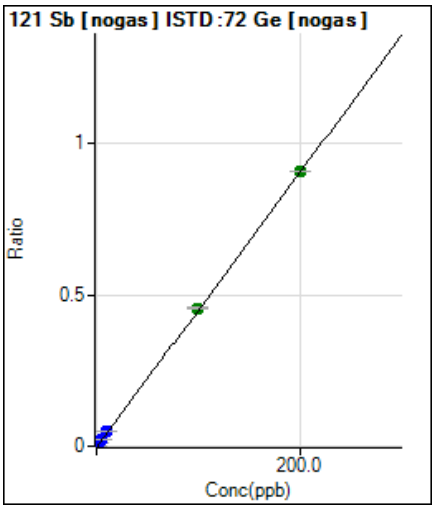
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3230.35	0.0008	P	9.8	
2	☐	2.000	2.047	31298.17	0.0074	P	4.7	2.3
3	☐	5.000	4.806	70139.85	0.0163	P	10.1	-3.9
4	☐	10.000	9.950	138561.86	0.0330	P	3.4	-0.5
5	☐	100.000	103.365	1374246.23	0.3355	P	1.9	3.4
6	☐	200.000	198.324	2596215.43	0.6430	A	2.4	-0.8
7	☐	1.000						

y = 0.0032 * x + 7.7166E-004
R = 0.9998
DL = 0.06991 ppb
BEC = 0.2383 ppb

Weight: <None>
Min Conc: <None>

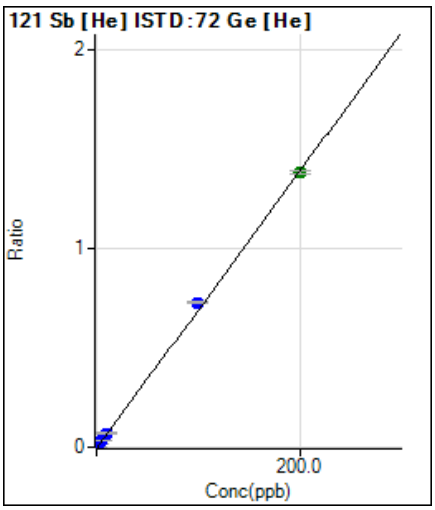


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	836.70	0.0002	P	24.5	
2	☐	2.000	2.054	35743.45	0.0096	P	1.5	2.7
3	☐	5.000	5.078	87627.97	0.0233	P	9.3	1.6
4	☐	10.000	10.306	175888.50	0.0471	P	1.9	3.1
5	☐	100.000	100.448	1667678.93	0.4571	A	0.9	0.4
6	☐	200.000	199.758	3289753.49	0.9087	A	0.4	-0.1
7	☐	1.000						

y = 0.0045 * x + 2.2331E-004
R = 1.0000
DL = 0.03609 ppb
BEC = 0.0491 ppb

Weight: <None>
Min Conc: <None>

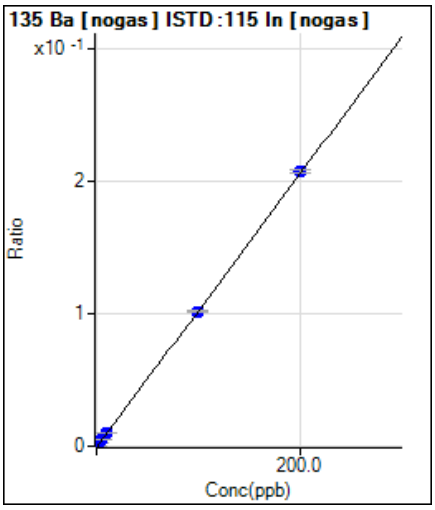
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	646.69	0.0003	P	20.2	
2	☐	2.000	1.965	26233.23	0.0141	P	3.5	-1.7
3	☐	5.000	5.094	65973.84	0.0360	P	0.7	1.9
4	☐	10.000	10.079	129335.75	0.0709	P	2.3	0.8
5	☐	100.000	104.113	1324428.73	0.7287	P	1.3	4.1
6	☐	200.000	197.938	2459905.22	1.3850	A	1.2	-1.0
7	☐	1.000						

y = 0.0070 * x + 3.4375E-004
R = 0.9997
DL = 0.02975 ppb
BEC = 0.04914 ppb

Weight: <None>
Min Conc: <None>

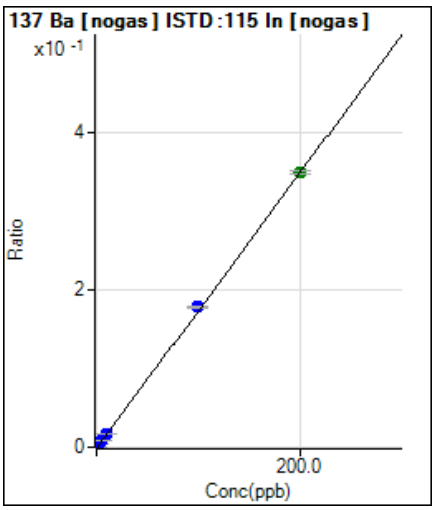


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	296.68	0.0001	P	20.8	
2	☐	2.000	1.897	8582.26	0.0020	P	3.3	-5.2
3	☐	5.000	4.568	20542.45	0.0048	P	10.8	-8.6
4	☐	10.000	9.388	41012.00	0.0098	P	2.7	-6.1
5	☐	100.000	98.388	416376.92	0.1016	P	1.0	-1.6
6	☐	200.000	200.848	837451.32	0.2074	P	1.5	0.4
7	☐	1.000						

y = 0.0010 * x + 7.0742E-005
R = 1.0000
DL = 0.04274 ppb
BEC = 0.06852 ppb

Weight: <None>
Min Conc: <None>

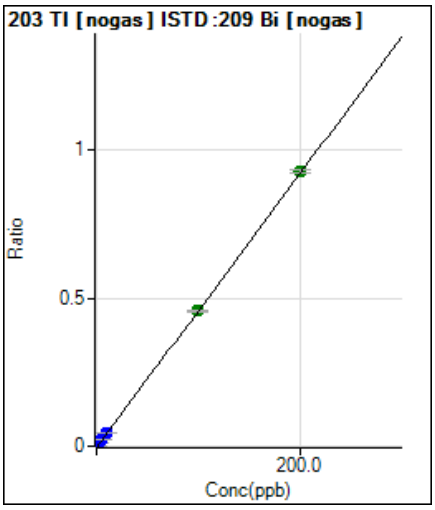
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	620.02	0.0001	P	10.5	
2	☐	2.000	1.980	15283.71	0.0036	P	1.0	-1.0
3	☐	5.000	4.709	36011.02	0.0084	P	10.7	-5.8
4	☐	10.000	9.787	72578.17	0.0173	P	2.4	-2.1
5	☐	100.000	101.448	727971.89	0.1777	P	2.1	1.4
6	☐	200.000	199.294	1408984.77	0.3490	A	1.2	-0.4
7	☐	1.000						

y = 0.0018 * x + 1.4803E-004
R = 1.0000
DL = 0.02669 ppb
BEC = 0.08457 ppb

Weight: <None>
Min Conc: <None>

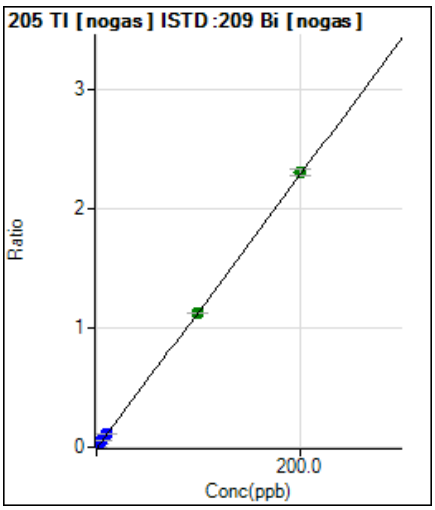


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	36.67	0.0000	P	82.0	
2	☐	2.000	1.992	33694.84	0.0092	P	4.1	-0.4
3	☐	5.000	4.937	83967.06	0.0228	P	13.1	-1.3
4	☐	10.000	10.087	169554.61	0.0467	P	1.5	0.9
5	☐	100.000	98.614	1587260.70	0.4560	A	0.7	-1.4
6	☐	200.000	200.690	3162142.77	0.9280	A	1.7	0.3
7	☐	1.000						

y = 0.0046 * x + 1.0163E-005
R = 1.0000
DL = 0.00541 ppb
BEC = 0.002198 ppb

Weight: <None>
Min Conc: <None>

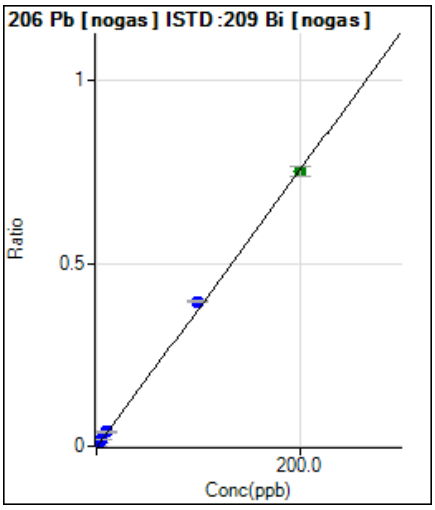
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	153.33	0.0000	P	36.5	
2	☐	2.000	1.920	80713.94	0.0221	P	3.4	-4.0
3	☐	5.000	4.705	199079.16	0.0541	P	11.0	-5.9
4	☐	10.000	9.654	403028.77	0.1109	P	2.1	-3.5
5	☐	100.000	98.089	3920566.61	1.1264	A	0.1	-1.9
6	☐	200.000	200.981	7863758.01	2.3078	A	1.8	0.5
7	☐	1.000						

y = 0.0115 * x + 4.2990E-005
R = 0.9999
DL = 0.0041 ppb
BEC = 0.003744 ppb

Weight: <None>
Min Conc: <None>

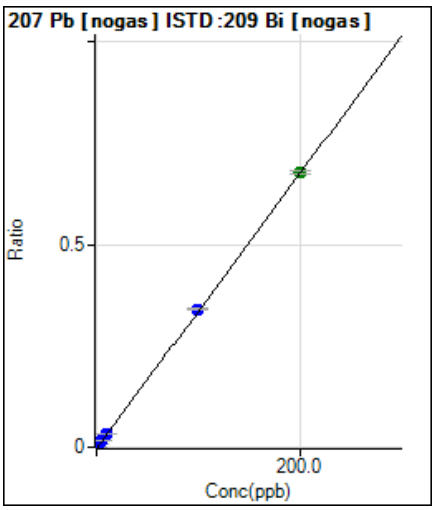


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	263.34	0.0001	P	19.3	
2	☐	2.000	2.007	28104.43	0.0077	P	3.9	0.3
3	☐	5.000	4.964	69660.72	0.0189	P	10.3	-0.7
4	☐	10.000	10.138	140102.80	0.0385	P	2.6	1.4
5	☐	100.000	104.049	1374789.56	0.3950	P	1.2	4.0
6	☐	200.000	197.970	2560254.75	0.7514	A	3.4	-1.0
7	☐	1.000						

y = 0.0038 * x + 7.3641E-005
R = 0.9997
DL = 0.01126 ppb
BEC = 0.0194 ppb

Weight: <None>
Min Conc: <None>

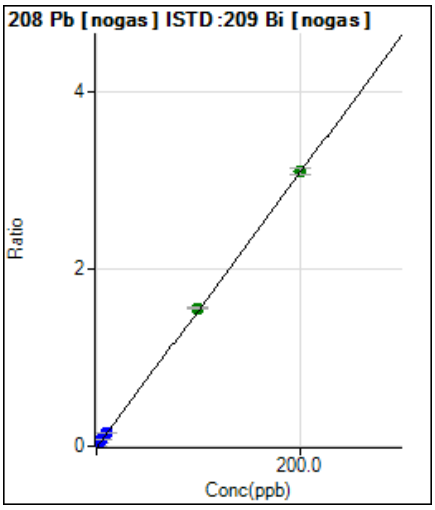
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	183.33	0.0001	P	12.6	
2	☐	2.000	1.954	24458.58	0.0067	P	2.8	-2.3
3	☐	5.000	4.828	60605.27	0.0165	P	10.7	-3.4
4	☐	10.000	9.981	123444.58	0.0340	P	2.9	-0.2
5	☐	100.000	100.449	1188177.27	0.3414	P	2.1	0.4
6	☐	200.000	199.781	2313443.66	0.6789	A	1.2	-0.1
7	☐	1.000						

y = 0.0034 * x + 5.1341E-005
R = 1.0000
DL = 0.005705 ppb
BEC = 0.01511 ppb

Weight: <None>
Min Conc: <None>

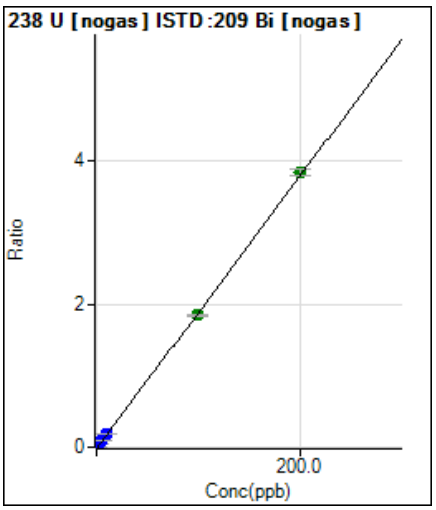


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	923.36	0.0003	P	10.3	
2	☐	2.000	1.983	113238.61	0.0310	P	2.9	-0.9
3	☐	5.000	4.844	277212.59	0.0753	P	11.3	-3.1
4	☐	10.000	9.961	561842.22	0.1546	P	1.9	-0.4
5	☐	100.000	100.141	5401154.82	1.5518	A	1.4	0.1
6	☐	200.000	199.936	10555465.83	3.0980	A	2.6	0.0
7	☐	1.000						

y = 0.0155 * x + 2.5826E-004
R = 1.0000
DL = 0.005175 ppb
BEC = 0.01667 ppb

Weight: <None>
Min Conc: <None>

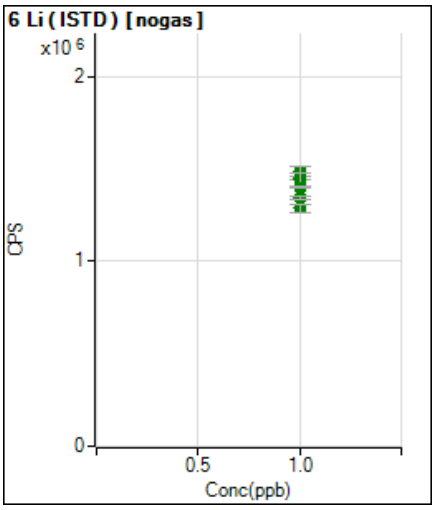
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	153.33	0.0000	P	30.1	
2	☐	2.000	1.880	130992.33	0.0358	P	2.1	-6.0
3	☐	5.000	4.599	322290.61	0.0876	P	12.1	-8.0
4	☐	10.000	9.508	658088.31	0.1811	P	2.3	-4.9
5	☐	100.000	96.749	6412535.53	1.8422	A	1.8	-3.3
6	☐	200.000	201.661	13082998.97	3.8398	A	2.4	0.8
7	☐	1.000						

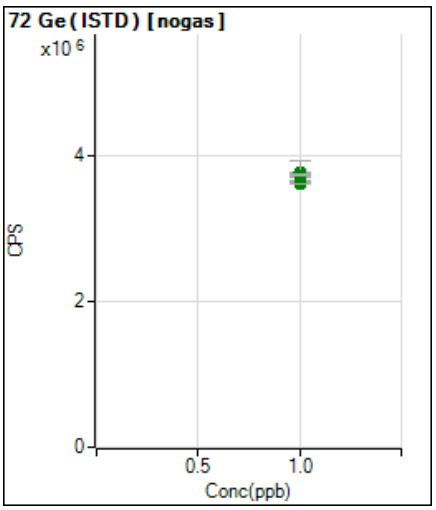
y = 0.0190 * x + 4.2883E-005
R = 0.9998
DL = 0.002031 ppb
BEC = 0.002252 ppb

Weight: <None>
Min Conc: <None>

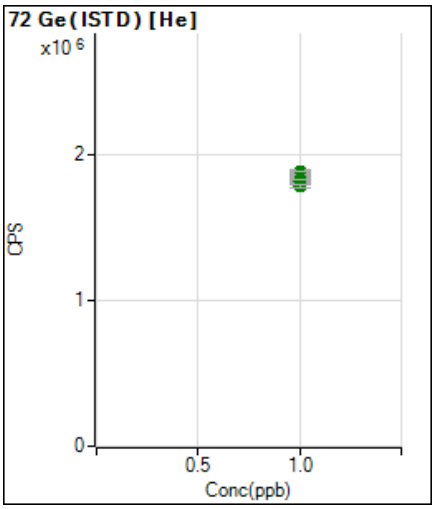


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1486114.55		A	3.3	
2	☐	1.000		1449311.29		A	1.6	
3	☐	1.000		1442735.18		A	5.1	
4	☐	1.000		1400325.65		A	0.9	
5	☐	1.000		1341898.05		A	1.4	
6	☐	1.000		1286060.19		A	3.0	
7	☐	1.000						

Calibration for 131_ICV.d

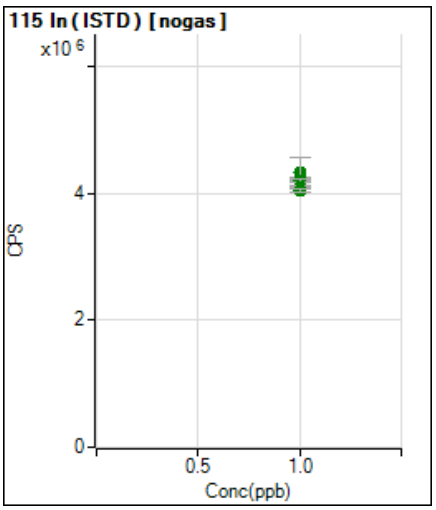


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3743903.17		A	2.2	
2	☐	1.000		3737380.57		A	1.0	
3	☐	1.000		3777194.42		A	8.6	
4	☐	1.000		3734374.11		A	0.6	
5	☐	1.000		3648854.53		A	0.9	
6	☐	1.000		3620100.47		A	0.5	
7	☐	1.000						

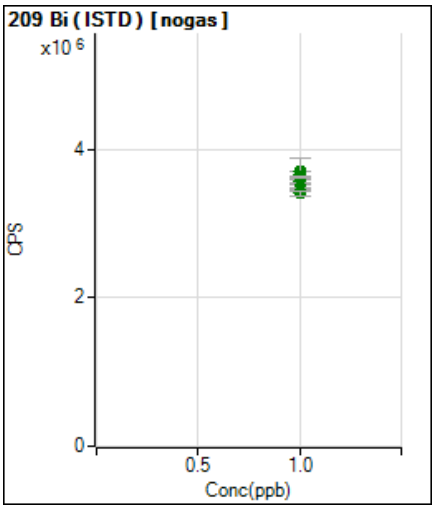


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1882878.82		A	0.8	
2	☐	1.000		1861880.70		A	1.9	
3	☐	1.000		1833723.78		A	2.3	
4	☐	1.000		1825722.01		A	1.1	
5	☐	1.000		1817745.34		A	1.0	
6	☐	1.000		1776286.28		A	1.3	
7	☐	1.000						

Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		4186680.55		A	1.3	
2	☐	1.000		4230355.72		A	1.1	
3	☐	1.000		4326134.23		A	11.1	
4	☐	1.000		4201397.47		A	1.4	
5	☐	1.000		4096717.37		A	0.8	
6	☐	1.000		4038114.27		A	1.9	
7	☐	1.000						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3575112.45		A	1.7	
2	☐	1.000		3656877.76		A	2.5	
3	☐	1.000		3708738.90		A	10.0	
4	☐	1.000		3634686.72		A	0.7	
5	☐	1.000		3480719.95		A	0.7	
6	☐	1.000		3407973.80		A	1.5	
7	☐	1.000						

Initial Calibration Verification (ICV) Report

Sample Table

Sample Name	ICCV
Data File Name	131_ICV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T14:40:15-06:00
Sample Type	ICV
Dilution	1
Comment	
ISTD Ref File Name	124CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	100.364	4.239	602405	0.37	100	100.4	90	110	
B	11	1	nogas	485.994	5.984	2109766	1.67	500	97.2	90	110	
Al	27	1	nogas	98.820	1.107	2098667	0.95	100	98.8	90	110	
P	31	1	nogas	497.408	1.263	636917	0.37	500	99.5	90	110	
Ti	47	1	nogas	96.203	1.088	246191	0.38	100	96.2	90	110	
Ni	60	1	nogas	101.605	1.732	699920	1.19	100	101.6	90	110	
Cu	63	1	nogas	99.847	0.833	1582325	0.62	100	99.8	90	110	
Zn	66	1	nogas	101.665	1.650	450656	1.07	100	101.7	90	110	
Se	77	1	nogas	91.802	2.026	30456	0.67	100	91.8	90	110	
Se	82	1	nogas	97.347	1.919	31174	1.11	100	97.3	90	110	
Sr	88	1	nogas	97.696	0.871	4489595	0.53	100	97.7	90	110	
Mo	95	1	nogas	100.282	0.322	882089	0.52	100	100.3	90	110	
Ag	107	1	nogas	100.494	0.163	2094078	0.69	100	100.5	90	110	
Cd	111	1	nogas	98.771	1.383	454119	1.21	100	98.8	90	110	
Sn	118	1	nogas	102.911	1.657	1357443	1.55	100	102.9	90	110	
Sb	121	1	nogas	100.074	2.088	1659713	1.62	100	100.1	90	110	
Ba	137	1	nogas	101.798	1.631	724730	1.64	100	101.8	90	110	
Tl	205	1	nogas	99.918	1.848	3935855	1.08	100	99.9	90	110	
Pb	208	1	nogas	100.860	2.300	5361486	1.82	100	100.9	90	110	
U	238	1	nogas	95.985	2.481	6269853	2.34	100	96.0	90	110	
Li	7	1	nogas	98.141	5.818	1957669	2.80	100	98.1	90	110	
Si	28	1	nogas	5233.284	1.434	6287793	0.62	5000	104.7	90	110	
Ba	135	1	nogas	98.329	1.549	412838	1.54	100	98.3	90	110	
Tl	203	1	nogas	102.138	1.182	1620252	1.03	100	102.1	90	110	
Na	23	2	He	9835.640	3.052	30283765	0.41	10000	98.4	90	110	
Mg	24	2	He	9770.248	2.215	19481094	1.11	10000	97.7	90	110	
Al	27	2	He	97.026	4.062	170215	2.20	100	97.0	90	110	
K	39	2	He	9841.148	4.018	29266047	1.39	10000	98.4	90	110	
Ca	43	2	He	9870.158	3.737	88609	1.11	10000	98.7	90	110	
Ca	44	2	He	9879.686	1.324	1443373	1.34	10000	98.8	90	110	
V	51	2	He	97.349	3.169	1417844	0.55	100	97.3	90	110	
Cr	52	2	He	99.261	1.790	1491015	0.88	100	99.3	90	110	
Mn	55	2	He	98.342	1.084	1354313	1.77	100	98.3	90	110	
Fe	56	2	He	9799.099	3.128	139059591	1.54	10000	98.0	90	110	
Co	59	2	He	98.811	3.131	1932237	0.50	100	98.8	90	110	
Ni	60	2	He	98.839	2.579	490636	1.12	100	98.8	90	110	
Cu	63	2	He	101.066	3.244	1207727	1.58	100	101.1	90	110	
Zn	66	2	He	99.705	2.936	269842	1.17	100	99.7	90	110	
As	75	2	He	99.427	3.017	209774	0.93	100	99.4	90	110	
Sb	121	2	He	104.204	2.334	1328590	0.94	100	104.2	90	110	
Se	78	2	He	99.076	2.580	27603	0.78	100	99.1	90	110	
Ti	47	2	He	97.135	4.595	69767	2.35	100	97.1	90	110	

QC ISTD Table

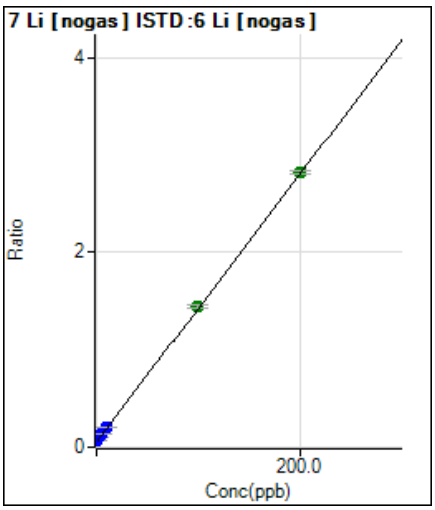
Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3645069	0.84	3743903	97.36	70	120	
In	115	1	nogas	4064188	0.53	4186681	97.07	70	120	
Li	6	1	nogas	1317162	4.43	1486115	88.63	70	120	
Bi	209	1	nogas	3430653	0.78	3575112	95.96	70	120	
Ge	72	2	He	1822461	2.68	1882879	96.79	70	120	

Calibration for 239_ICV.d

Batch Folder:	C:\Agilent\ICPMH\1\DATA\012621A.b\
Analysis File:	012621A.batch.bin
DA Date-Time:	1/26/2021 11:00:38 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	

Level	Standard Data File	Sample Name	Acq. Date-Time
1	229CALB.d	CAL BLK	1/26/2021 8:43:25 PM
2	230CALS.d	2/10/200	1/26/2021 8:45:27 PM
3	231CALS.d	5/25/500	1/26/2021 8:47:29 PM
4	232CALS.d	10/50/1000	1/26/2021 8:49:30 PM
5	233CALS.d	100/500/10K	1/26/2021 8:51:31 PM
6	234CALS.d	200/1000/20K	1/26/2021 8:53:29 PM
7			

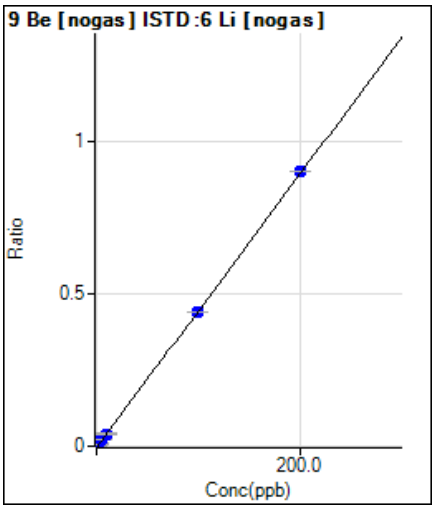
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	55948.74	0.0675	P	0.8	
2	☐	2.000	2.117	79475.33	0.0966	P	0.1	5.9
3	☐	5.000	4.888	110666.38	0.1347	P	0.3	-2.2
4	☐	10.000	9.799	164629.94	0.2022	P	0.7	-2.0
5	☐	100.000	99.695	1114747.09	1.4386	A	2.2	-0.3
6	☐	200.000	200.164	2120799.50	2.8203	A	1.5	0.1
7	☐	1.000						

y = 0.0138 * x + 0.0675
R = 1.0000
DL = 0.1161 ppb
BEC = 4.906 ppb

Weight: <None>
Min Conc: <None>

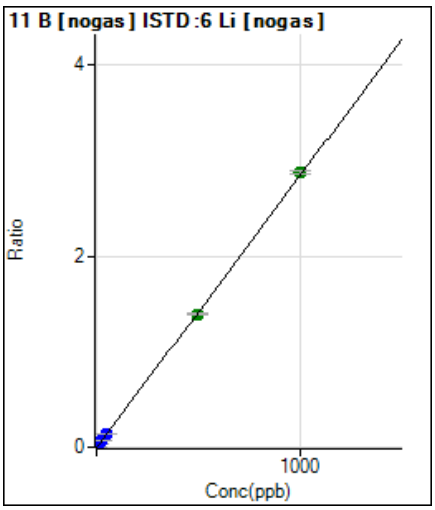


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5.00	0.0000	P	100.	
2	☐	2.000	1.788	6612.84	0.0080	P	4.4	-10.
3	☐	5.000	4.410	16285.25	0.0198	P	1.6	-11.
4	☐	10.000	9.069	33171.80	0.0407	P	1.0	-9.3
5	☐	100.000	98.242	342025.05	0.4414	P	0.5	-1.8
6	☐	200.000	200.942	678919.34	0.9028	P	0.4	0.5
7	☐	1.000						

y = 0.0045 * x + 6.0228E-006
R = 0.9999
DL = 0.004036 ppb
BEC = 0.001341 ppb

Weight: <None>
Min Conc: <None>

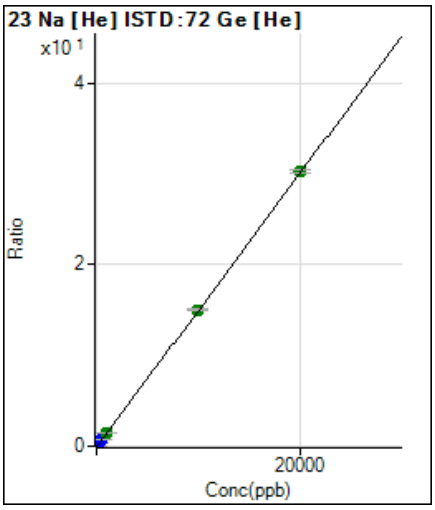
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5822.60	0.0070	P	1.9	
2	☐	10.000	9.294	27579.81	0.0335	P	1.0	-7.1
3	☐	25.000	23.217	60153.41	0.0732	P	0.7	-7.1
4	☐	50.000	47.722	116469.90	0.1431	P	0.5	-4.6
5	☐	500.000	485.638	1078347.61	1.3915	A	1.7	-2.9
6	☐	1000.000	1007.347	2164836.58	2.8788	A	1.4	0.7
7	☐	5.000						

y = 0.0029 * x + 0.0070
R = 0.9999
DL = 0.1379 ppb
BEC = 2.463 ppb

Weight: <None>
Min Conc: <None>

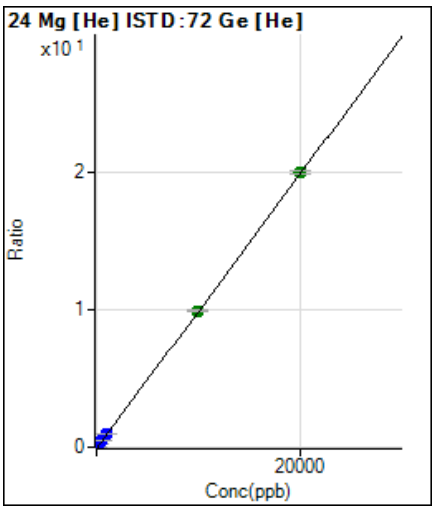


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	33422.85	0.0278	P	1.3	
2	☐	200.000	204.958	406273.34	0.3376	P	0.2	2.5
3	☐	500.000	503.869	945026.73	0.7895	P	1.0	0.8
4	☐	1000.000	980.987	1795609.09	1.5107	A	0.7	-1.9
5	☐	10000.00	9931.100	17476630.16	15.0399	A	0.6	-0.7
6	☐	20000.00	20035.25	34083300.32	30.3136	A	0.7	0.2
7	☐	100.000						

y = 0.0015 * x + 0.0278
R = 1.0000
DL = 0.7282 ppb
BEC = 18.39 ppb

Weight: <None>
Min Conc: <None>

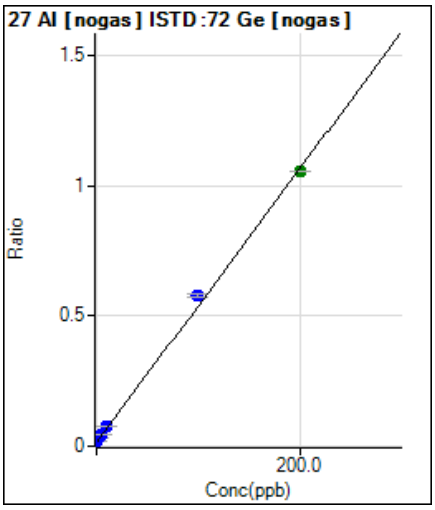
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1626.76	0.0014	P	8.0	
2	☐	200.000	205.627	248543.00	0.2065	P	0.7	2.8
3	☐	500.000	502.851	602252.80	0.5031	P	0.8	0.6
4	☐	1000.000	1011.526	1201325.35	1.0107	P	0.7	1.2
5	☐	10000.00	9939.286	11525851.50	9.9192	A	1.1	-0.6
6	☐	20000.00	20029.65	22471798.00	19.9878	A	0.8	0.1
7	☐	100.000						

y = 9.9784E-004 * x + 0.0014
R = 1.0000
DL = 0.3236 ppb
BEC = 1.356 ppb

Weight: <None>
Min Conc: <None>

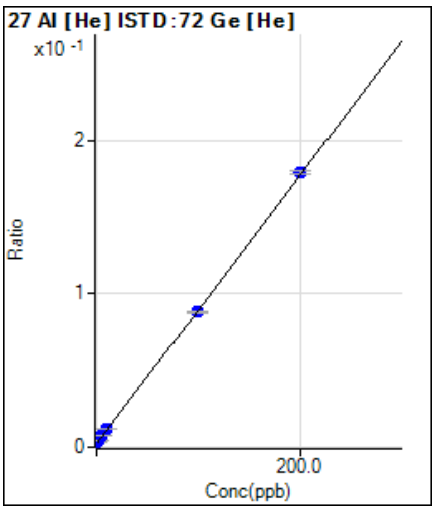


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	46992.52	0.0198	P	0.9	
2	☐	2.000	1.977	70828.28	0.0302	P	1.8	-1.2
3	☐	5.000	5.162	109392.09	0.0469	P	2.9	3.2
4	☐	10.000	10.503	175670.28	0.0750	P	2.6	5.0
5	☐	100.000	106.234	1328174.67	0.5781	P	2.0	6.2
6	☐	200.000	196.854	2402902.98	1.0544	A	0.5	-1.6
7	☐	1.000						

y = 0.0053 * x + 0.0198
R = 0.9993
DL = 0.09723 ppb
BEC = 3.766 ppb

Weight: <None>
Min Conc: <None>

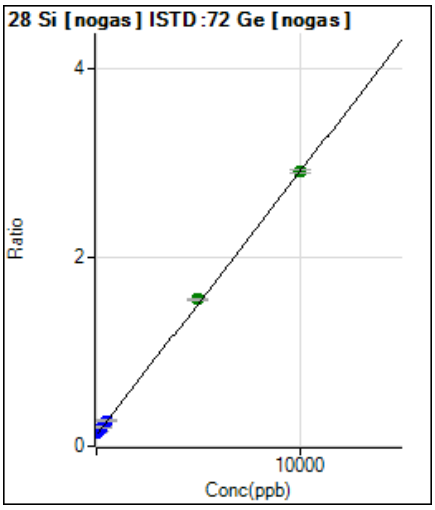
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3997.16	0.0033	P	1.9	
2	☐	2.000	1.607	5690.95	0.0047	P	1.4	-19.
3	☐	5.000	4.428	8612.08	0.0072	P	1.5	-11.
4	☐	10.000	9.834	14165.47	0.0119	P	4.2	-1.7
5	☐	100.000	97.448	102809.63	0.0885	P	1.3	-2.6
6	☐	200.000	201.302	201515.89	0.1792	P	0.8	0.7
7	☐	1.000						

y = 8.7387E-004 * x + 0.0033
R = 0.9999
DL = 0.2198 ppb
BEC = 3.806 ppb

Weight: <None>
Min Conc: <None>

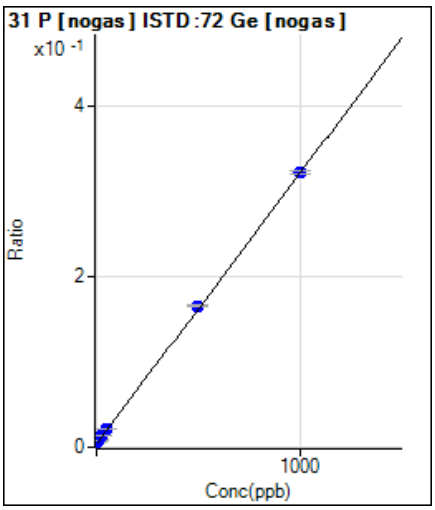


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	318215.01	0.1340	P	0.6	
2	☐	100.000	95.820	377299.32	0.1608	P	0.5	-4.2
3	☐	250.000	238.981	467900.11	0.2008	P	1.8	-4.4
4	☐	500.000	485.682	631753.36	0.2697	P	2.2	-2.9
5	☐	5000.000	5086.120	3571356.09	1.5545	A	1.1	1.7
6	☐	10000.00	9957.973	6643012.19	2.9151	A	1.6	-0.4
7	☐	50.000						

y = 2.7928E-004 * x + 0.1340
R = 0.9999
DL = 8.27 ppb
BEC = 479.9 ppb

Weight: <None>
Min Conc: <None>

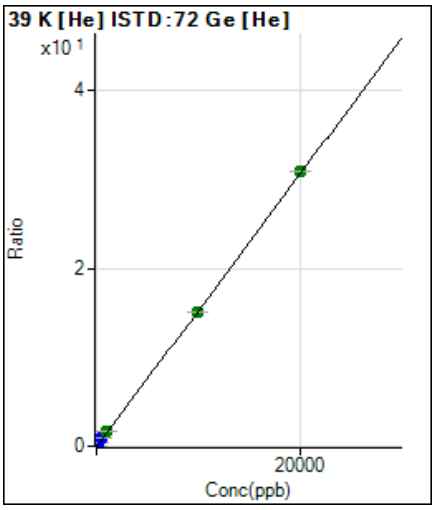
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	12901.25	0.0054	P	6.2	
2	☐	10.000	10.122	20271.14	0.0086	P	4.5	1.2
3	☐	25.000	24.841	31008.85	0.0133	P	4.1	-0.6
4	☐	50.000	50.128	49952.75	0.0213	P	2.7	0.3
5	☐	500.000	503.907	379502.60	0.1652	P	1.5	0.8
6	☐	1000.000	998.043	733470.43	0.3218	P	0.8	-0.2
7	☐	5.000						

y = 3.1703E-004 * x + 0.0054
R = 1.0000
DL = 3.183 ppb
BEC = 17.14 ppb

Weight: <None>
Min Conc: <None>

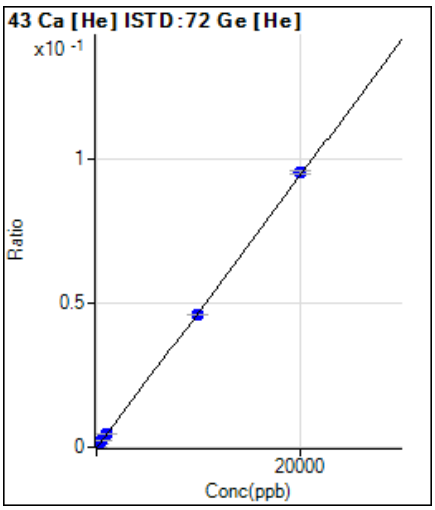


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	88781.78	0.0739	P	1.4	
2	☐	200.000	203.557	464933.65	0.3864	P	0.9	1.8
3	☐	500.000	501.191	1009539.70	0.8433	P	0.4	0.2
4	☐	1000.000	997.653	1908358.62	1.6055	A	1.5	-0.2
5	☐	10000.00	9788.184	17549360.57	15.1010	A	0.4	-2.1
6	☐	20000.00	20105.96	34786766.15	30.9412	A	0.2	0.5
7	☐	100.000						

y = 0.0015 * x + 0.0739
R = 0.9999
DL = 1.975 ppb
BEC = 48.11 ppb

Weight: <None>
Min Conc: <None>

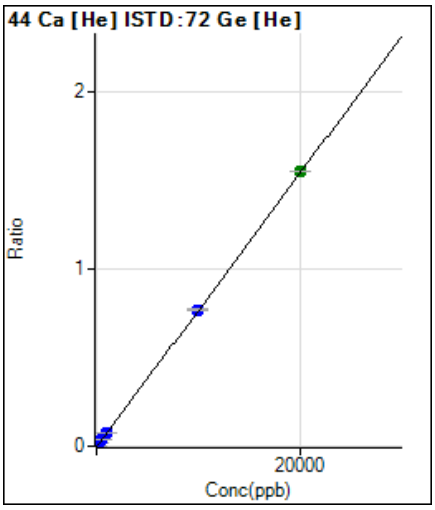
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	123.33	0.0001	P	24.0	
2	☐	200.000	202.628	1276.73	0.0011	P	2.8	1.3
3	☐	500.000	479.289	2836.92	0.0024	P	4.4	-4.1
4	☐	1000.000	966.117	5554.24	0.0047	P	8.0	-3.4
5	☐	10000.00	9696.951	53406.15	0.0460	P	0.8	-3.0
6	☐	20000.00	20153.71	107275.26	0.0954	P	1.3	0.8
7	☐	100.000						

y = 4.7288E-006 * x + 1.0272E-004
R = 0.9998
DL = 15.65 ppb
BEC = 21.72 ppb

Weight: <None>
Min Conc: <None>

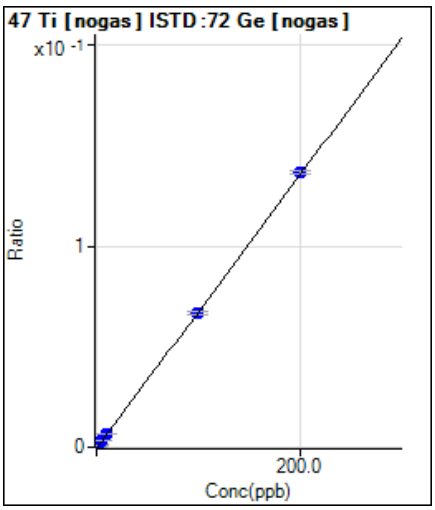


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2200.17	0.0018	P	7.9	
2	☐	200.000	189.713	19877.57	0.0165	P	2.2	-5.1
3	☐	500.000	470.263	45779.48	0.0382	P	1.4	-5.9
4	☐	1000.000	971.436	91589.50	0.0771	P	1.0	-2.9
5	☐	10000.00	9928.058	895506.26	0.7706	P	0.5	-0.7
6	☐	20000.00	20038.24	1746638.36	1.5535	A	0.2	0.2
7	☐	100.000						

y = 7.7436E-005 * x + 0.0018
R = 1.0000
DL = 5.575 ppb
BEC = 23.64 ppb

Weight: <None>
Min Conc: <None>

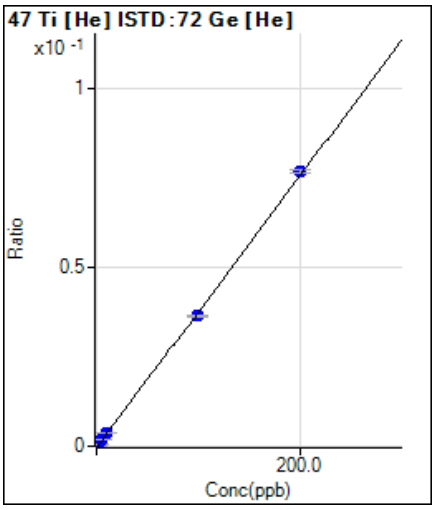
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	100.00	0.0000	P	54.6	
2	☐	2.000	1.827	3020.31	0.0013	P	12.5	-8.7
3	☐	5.000	4.732	7605.00	0.0033	P	1.9	-5.4
4	☐	10.000	9.366	15022.93	0.0064	P	6.7	-6.3
5	☐	100.000	98.309	153827.55	0.0670	P	2.1	-1.7
6	☐	200.000	200.886	311730.47	0.1368	P	1.0	0.4
7	☐	1.000						

y = 6.8070E-004 * x + 4.1948E-005
R = 1.0000
DL = 0.101 ppb
BEC = 0.06163 ppb

Weight: <None>
Min Conc: <None>

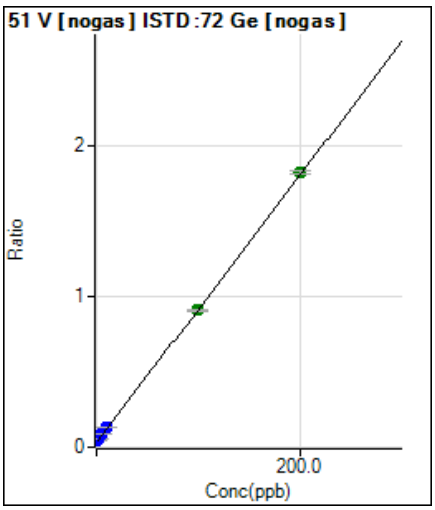


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	20.00	0.0000	P	132.	
2	☐	2.000	1.729	810.03	0.0007	P	5.2	-13.
3	☐	5.000	4.343	1993.47	0.0017	P	4.8	-13.
4	☐	10.000	9.513	4313.92	0.0036	P	6.2	-4.9
5	☐	100.000	95.631	42207.90	0.0363	P	1.3	-4.4
6	☐	200.000	202.228	86345.56	0.0768	P	0.8	1.1
7	☐	1.000						

y = 3.7969E-004 * x + 1.6574E-005
R = 0.9997
DL = 0.1734 ppb
BEC = 0.04365 ppb

Weight: <None>
Min Conc: <None>

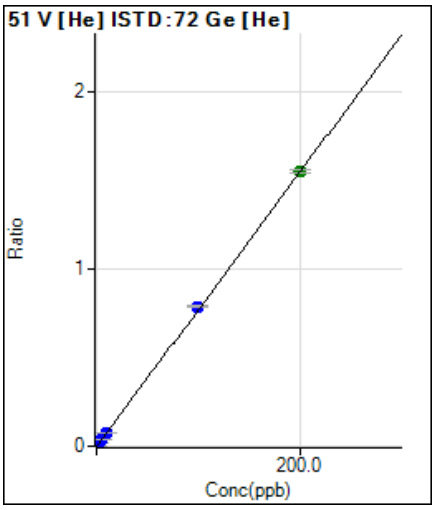
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	93741.57	0.0395	P	3.3	
2	☐	2.000	1.993	134179.70	0.0572	P	1.8	-0.3
3	☐	5.000	5.015	195703.05	0.0840	P	1.8	0.3
4	☐	10.000	10.084	302071.96	0.1289	P	2.2	0.8
5	☐	100.000	97.818	2084032.47	0.9071	A	2.2	-2.2
6	☐	200.000	201.086	4154723.79	1.8231	A	1.2	0.5
7	☐	1.000						

y = 0.0089 * x + 0.0395
R = 0.9999
DL = 0.4459 ppb
BEC = 4.452 ppb

Weight: <None>
Min Conc: <None>

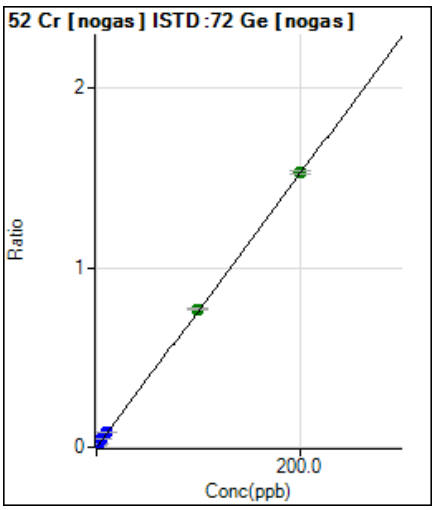


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4988.47	0.0041	P	3.1	
2	☐	2.000	1.924	22930.81	0.0191	P	1.2	-3.8
3	☐	5.000	4.797	49471.99	0.0413	P	0.4	-4.1
4	☐	10.000	9.641	93744.83	0.0789	P	0.9	-3.6
5	☐	100.000	101.145	915695.73	0.7880	P	0.4	1.1
6	☐	200.000	199.451	1742396.49	1.5498	A	1.0	-0.3
7	☐	1.000						

y = 0.0077 * x + 0.0041
R = 1.0000
DL = 0.04923 ppb
BEC = 0.5355 ppb

Weight: <None>
Min Conc: <None>

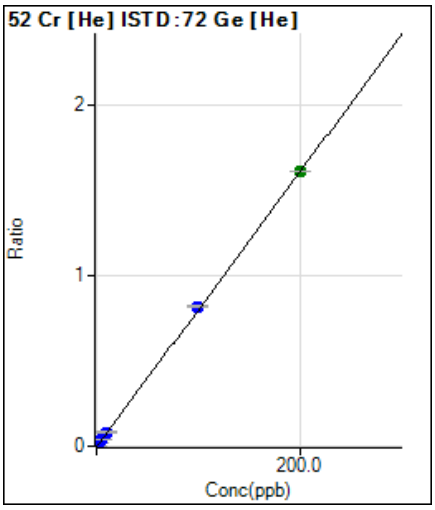
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	14455.79	0.0061	P	3.4	
2	☐	2.000	2.164	53025.75	0.0226	P	1.6	8.2
3	☐	5.000	5.104	104924.19	0.0450	P	2.0	2.1
4	☐	10.000	10.346	199130.24	0.0850	P	1.9	3.5
5	☐	100.000	99.978	1765773.05	0.7686	A	1.9	0.0
6	☐	200.000	199.989	3489933.28	1.5314	A	1.5	0.0
7	☐	1.000						

y = 0.0076 * x + 0.0061
R = 1.0000
DL = 0.08116 ppb
BEC = 0.7985 ppb

Weight: <None>
Min Conc: <None>

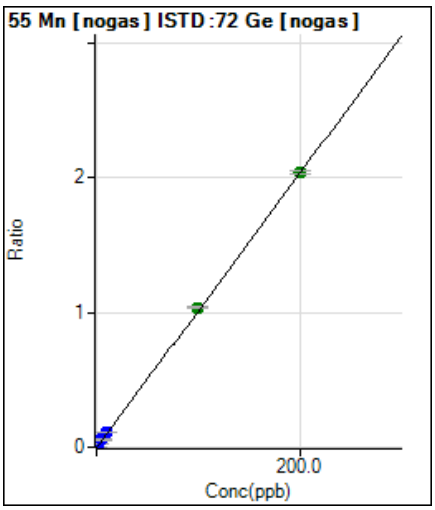


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2953.62	0.0025	P	12.6	
2	☐	2.000	2.000	22337.07	0.0186	P	3.7	0.0
3	☐	5.000	4.861	49803.58	0.0416	P	1.3	-2.8
4	☐	10.000	9.884	97523.67	0.0820	P	0.8	-1.2
5	☐	100.000	101.264	950365.14	0.8179	P	0.4	1.3
6	☐	200.000	199.377	1807724.92	1.6079	A	0.5	-0.3
7	☐	1.000						

y = 0.0081 * x + 0.0025
R = 1.0000
DL = 0.1153 ppb
BEC = 0.3051 ppb

Weight: <None>
Min Conc: <None>

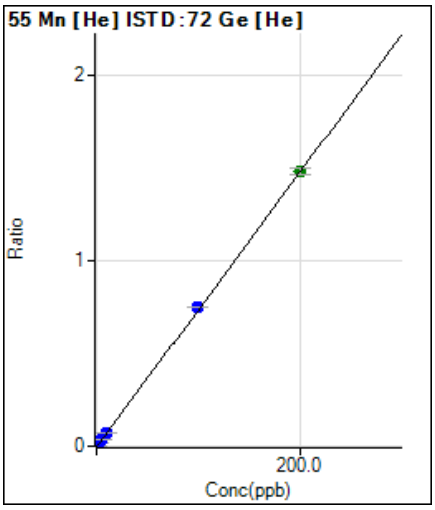
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10286.34	0.0043	P	1.0	
2	☐	2.000	2.175	62301.21	0.0266	P	2.6	8.7
3	☐	5.000	4.999	129105.45	0.0554	P	2.1	0.0
4	☐	10.000	10.261	255756.90	0.1092	P	1.7	2.6
5	☐	100.000	100.981	2379991.22	1.0359	A	1.3	1.0
6	☐	200.000	199.495	4654202.64	2.0423	A	1.0	-0.3
7	☐	1.000						

y = 0.0102 * x + 0.0043
R = 1.0000
DL = 0.01269 ppb
BEC = 0.4241 ppb

Weight: <None>
Min Conc: <None>

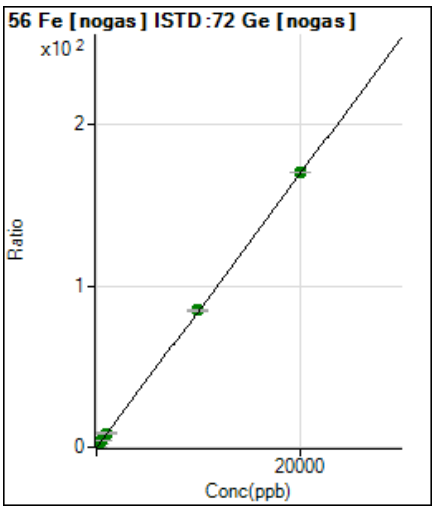


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2460.21	0.0020	P	9.6	
2	☐	2.000	2.037	20631.72	0.0171	P	2.7	1.9
3	☐	5.000	4.895	45887.16	0.0383	P	3.0	-2.1
4	☐	10.000	9.833	89052.94	0.0749	P	0.1	-1.7
5	☐	100.000	100.971	871988.37	0.7504	P	0.5	1.0
6	☐	200.000	199.525	1664957.84	1.4808	A	2.6	-0.2
7	☐	1.000						

y = 0.0074 * x + 0.0020
R = 1.0000
DL = 0.0794 ppb
BEC = 0.2763 ppb

Weight: <None>
Min Conc: <None>

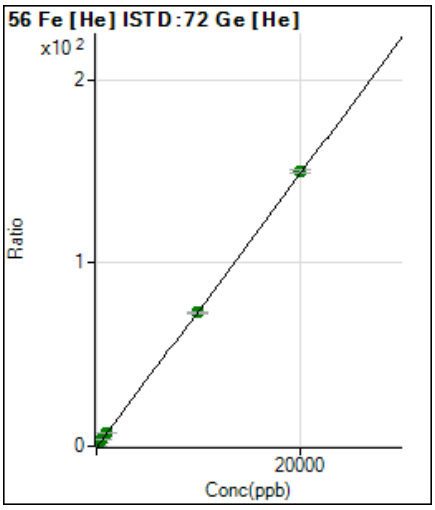
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1158556.26	0.4880	P	1.2	
2	☐	200.000	194.931	5023107.84	2.1411	A	2.8	-2.5
3	☐	500.000	481.931	10661931.92	4.5749	A	1.7	-3.6
4	☐	1000.000	966.314	20338372.20	8.6827	A	3.1	-3.4
5	☐	10000.00	9958.531	195134923.7	84.9392	A	1.7	-0.4
6	☐	20000.00	20022.92	388067994.2	170.288	A	0.3	0.1
7	☐	100.000						

y = 0.0085 * x + 0.4880
R = 1.0000
DL = 2.087 ppb
BEC = 57.55 ppb

Weight: <None>
Min Conc: <None>

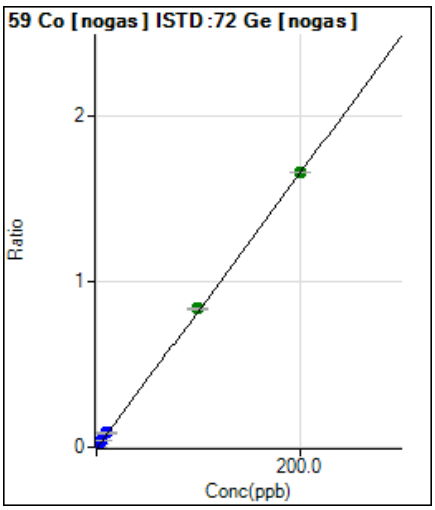


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	35010.04	0.0291	P	2.2	
2	☐	200.000	202.669	1853264.66	1.5402	A	1.1	1.3
3	☐	500.000	482.389	4340529.10	3.6258	A	1.1	-3.5
4	☐	1000.000	967.781	8611441.75	7.2448	A	0.3	-3.2
5	☐	10000.00	9802.671	84957238.73	73.1170	A	1.2	-2.0
6	☐	20000.00	20100.68	168521104.1	149.898	A	0.8	0.5
7	☐	100.000						

y = 0.0075 * x + 0.0291
R = 0.9999
DL = 0.2596 ppb
BEC = 3.906 ppb

Weight: <None>
Min Conc: <None>

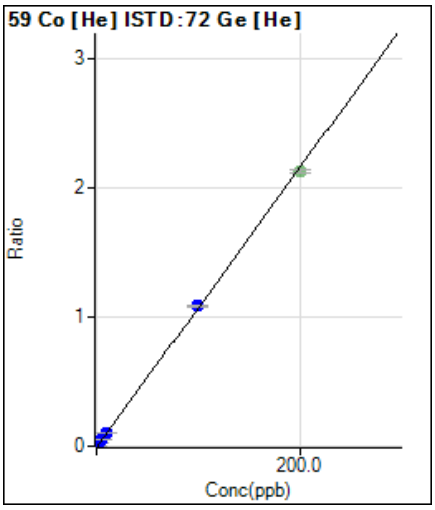
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	270.00	0.0001	P	36.5	
2	☐	2.000	2.107	41339.79	0.0176	P	2.2	5.3
3	☐	5.000	5.214	101235.31	0.0434	P	1.4	4.3
4	☐	10.000	10.319	201117.17	0.0859	P	2.3	3.2
5	☐	100.000	100.724	1922905.23	0.8370	A	1.2	0.7
6	☐	200.000	199.615	3779781.40	1.6586	A	0.6	-0.2
7	☐	1.000						

y = 0.0083 * x + 1.1369E-004
R = 1.0000
DL = 0.01497 ppb
BEC = 0.01368 ppb

Weight: <None>
Min Conc: <None>

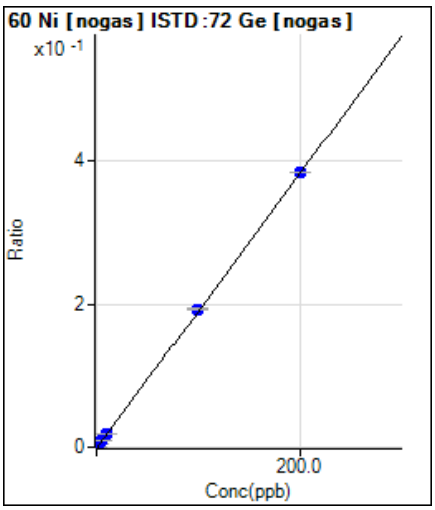


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	146.67	0.0001	P	28.9	
2	☐	2.000	1.972	25905.22	0.0215	P	0.2	-1.4
3	☐	5.000	4.926	64171.25	0.0536	P	0.7	-1.5
4	☐	10.000	9.814	126794.88	0.1067	P	0.6	-1.9
5	☐	100.000	100.023	1261989.46	1.0861	P	1.0	0.0
6	☑	200.000		2394047.88	2.1293	A	0.9	
7	☐	1.000						

y = 0.0109 * x + 1.2214E-004
R = 1.0000
DL = 0.009755 ppb
BEC = 0.01125 ppb

Weight: <None>
Min Conc: <None>

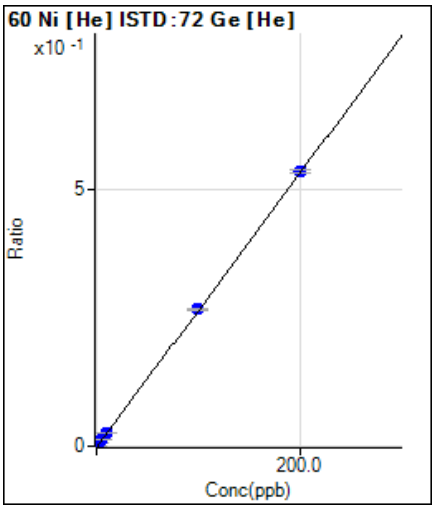
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	436.68	0.0002	P	23.2	
2	☐	2.000	2.019	9552.63	0.0041	P	3.7	0.9
3	☐	5.000	4.941	22597.38	0.0097	P	3.0	-1.2
4	☐	10.000	9.674	44076.07	0.0188	P	0.9	-3.3
5	☐	100.000	100.438	444671.69	0.1936	P	2.2	0.4
6	☐	200.000	199.799	877075.56	0.3849	P	0.6	-0.1
7	☐	1.000						

y = 0.0019 * x + 1.8393E-004
R = 1.0000
DL = 0.0664 ppb
BEC = 0.09553 ppb

Weight: <None>
Min Conc: <None>

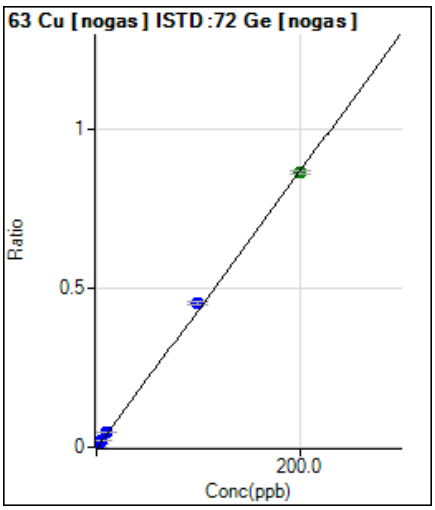


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	400.01	0.0003	P	24.1	
2	☐	2.000	1.978	6778.03	0.0056	P	0.6	-1.1
3	☐	5.000	4.915	16170.63	0.0135	P	5.1	-1.7
4	☐	10.000	9.905	31954.61	0.0269	P	3.2	-0.9
5	☐	100.000	99.481	310226.64	0.2670	P	1.3	-0.5
6	☐	200.000	200.267	603870.53	0.5371	P	1.0	0.1
7	☐	1.000						

y = 0.0027 * x + 3.3225E-004
R = 1.0000
DL = 0.08963 ppb
BEC = 0.124 ppb

Weight: <None>
Min Conc: <None>

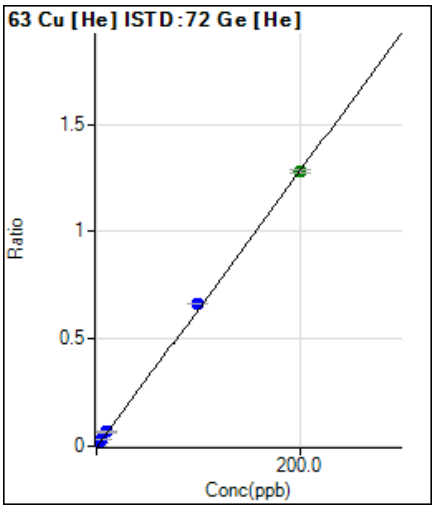
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1446.74	0.0006	P	8.5	
2	☐	2.000	2.089	22747.69	0.0097	P	4.4	4.4
3	☐	5.000	5.108	53213.51	0.0228	P	2.6	2.2
4	☐	10.000	10.206	105463.07	0.0450	P	1.8	2.1
5	☐	100.000	103.796	1038765.01	0.4522	P	2.9	3.8
6	☐	200.000	198.088	1965458.46	0.8624	A	1.0	-1.0
7	☐	1.000						

y = 0.0044 * x + 6.0973E-004
R = 0.9997
DL = 0.0357 ppb
BEC = 0.1401 ppb

Weight: <None>
Min Conc: <None>

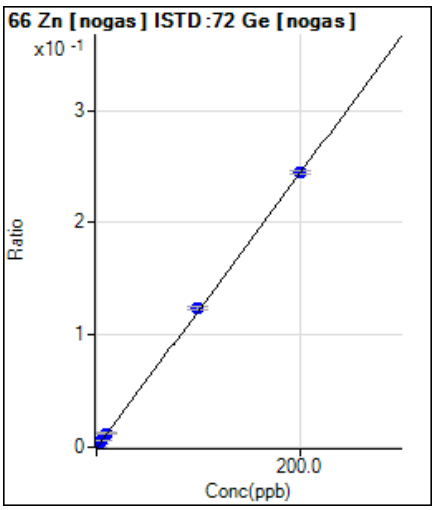


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	896.70	0.0007	P	10.4	
2	☐	2.000	2.062	16884.66	0.0140	P	1.9	3.1
3	☐	5.000	4.966	39198.67	0.0327	P	2.4	-0.7
4	☐	10.000	10.119	78395.96	0.0660	P	1.4	1.2
5	☐	100.000	102.612	769286.13	0.6620	P	0.3	2.6
6	☐	200.000	198.688	1440437.22	1.2811	A	1.1	-0.7
7	☐	1.000						

y = 0.0064 * x + 7.4546E-004
R = 0.9999
DL = 0.03597 ppb
BEC = 0.1157 ppb

Weight: <None>
Min Conc: <None>

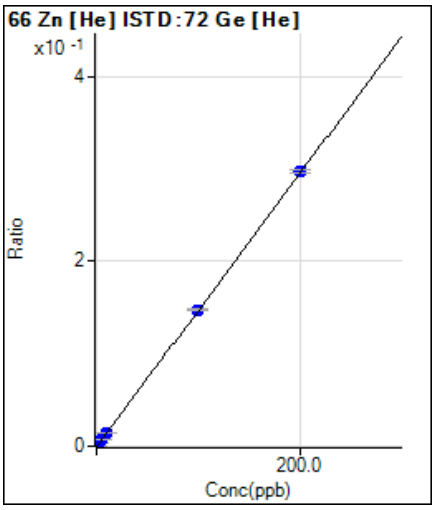
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1163.39	0.0005	P	7.2	
2	☐	2.000	1.880	6547.93	0.0028	P	7.3	-6.0
3	☐	5.000	4.610	14289.10	0.0061	P	8.1	-7.8
4	☐	10.000	9.814	29290.29	0.0125	P	3.4	-1.9
5	☐	100.000	100.814	284681.44	0.1239	P	2.1	0.8
6	☐	200.000	199.613	558086.54	0.2449	P	1.0	-0.2
7	☐	1.000						

y = 0.0012 * x + 4.9027E-004
R = 1.0000
DL = 0.08643 ppb
BEC = 0.4004 ppb

Weight: <None>
Min Conc: <None>

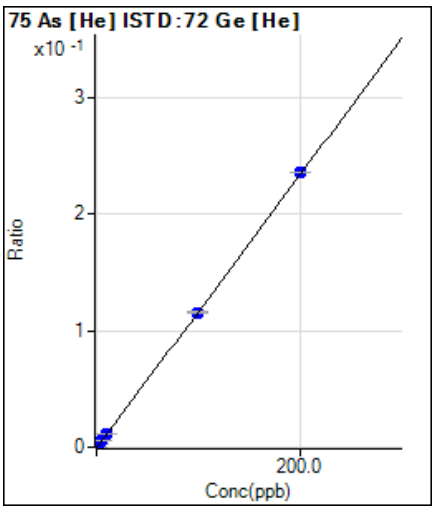


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	703.36	0.0006	P	14.8	
2	☐	2.000	1.955	4187.20	0.0035	P	1.3	-2.3
3	☐	5.000	4.531	8732.22	0.0073	P	0.5	-9.4
4	☐	10.000	9.811	17965.64	0.0151	P	1.2	-1.9
5	☐	100.000	99.235	171461.99	0.1475	P	0.5	-0.8
6	☐	200.000	200.404	334347.87	0.2974	P	0.8	0.2
7	☐	1.000						

y = 0.0015 * x + 5.8458E-004
R = 1.0000
DL = 0.1753 ppb
BEC = 0.3947 ppb

Weight: <None>
Min Conc: <None>

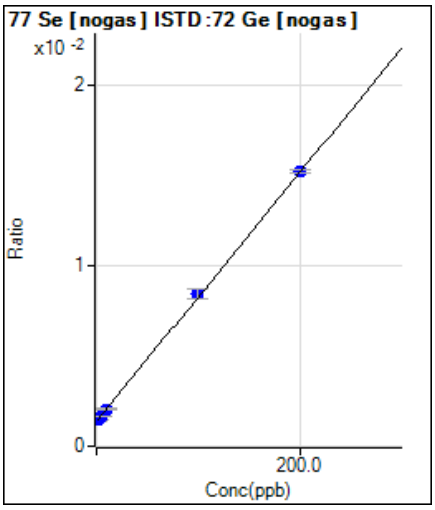
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	272.22	0.0002	P	19.9	
2	☐	2.000	1.897	2951.37	0.0025	P	7.1	-5.1
3	☐	5.000	4.683	6853.54	0.0057	P	4.4	-6.3
4	☐	10.000	9.353	13320.45	0.0112	P	0.4	-6.5
5	☐	100.000	98.429	134547.21	0.1158	P	0.3	-1.6
6	☐	200.000	200.827	265309.20	0.2360	P	0.5	0.4
7	☐	1.000						

y = 0.0012 * x + 2.2617E-004
R = 1.0000
DL = 0.1151 ppb
BEC = 0.1927 ppb

Weight: <None>
Min Conc: <None>

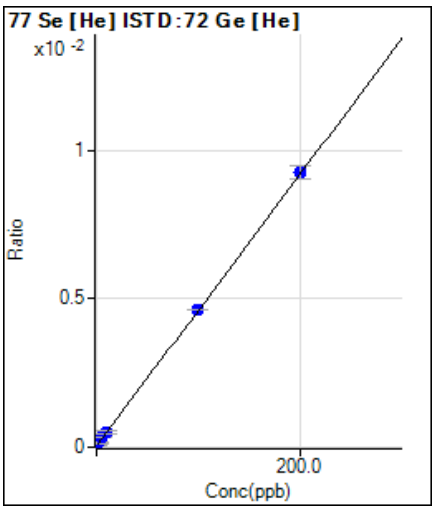


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3470.39	0.0015	P	6.9	
2	☐	2.000	0.018	3433.72	0.0015	P	3.7	-99.
3	☐	5.000	2.489	3807.13	0.0016	P	2.0	-50.
4	☐	10.000	8.525	4804.03	0.0020	P	3.4	-14.
5	☐	100.000	101.011	19327.16	0.0084	P	5.8	1.0
6	☐	200.000	199.651	34646.47	0.0152	P	1.4	-0.2
7	☐	1.000						

y = 6.8827E-005 * x + 0.0015
R = 0.9999
DL = 4.411 ppb
BEC = 21.25 ppb

Weight: <None>
Min Conc: <None>

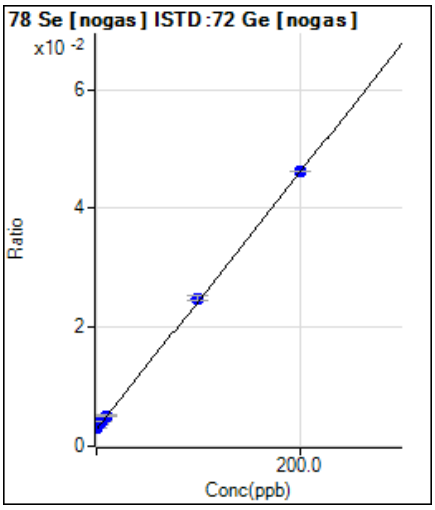
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	103.33	0.0001	P	65.5	
2	☐	2.000	1.203	170.00	0.0001	P	16.4	-39.
3	☐	5.000	5.354	396.68	0.0003	P	11.1	7.1
4	☐	10.000	8.946	590.02	0.0005	P	16.8	-10.
5	☐	100.000	99.194	5380.89	0.0046	P	0.7	-0.8
6	☐	200.000	200.455	10419.81	0.0093	P	4.4	0.2
7	☐	1.000						

y = 4.5810E-005 * x + 8.6335E-005
R = 1.0000
DL = 3.703 ppb
BEC = 1.885 ppb

Weight: <None>
Min Conc: <None>

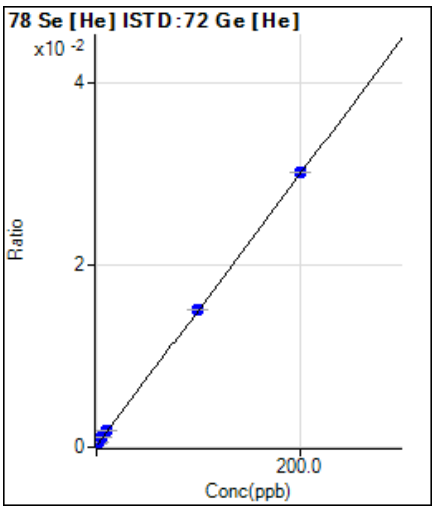


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7271.55	0.0031	P	2.5	
2	☐	2.000	2.850	8628.85	0.0037	P	6.8	42.5
3	☐	5.000	5.528	9922.83	0.0043	P	2.4	10.6
4	☐	10.000	9.522	11994.14	0.0051	P	6.1	-4.8
5	☐	100.000	100.656	57009.29	0.0248	P	3.1	0.7
6	☐	200.000	199.674	105329.54	0.0462	P	0.5	-0.2
7	☐	1.000						

y = 2.1613E-004 * x + 0.0031
R = 1.0000
DL = 1.068 ppb
BEC = 14.17 ppb

Weight: <None>
Min Conc: <None>

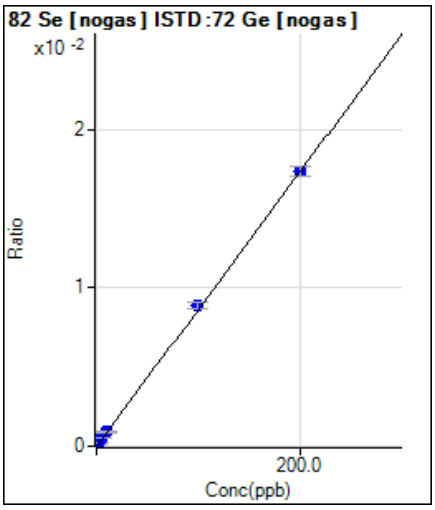
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	369.34	0.0003	P	7.3	
2	☐	2.000	1.717	678.01	0.0006	P	10.3	-14.
3	☐	5.000	5.035	1265.38	0.0011	P	4.9	0.7
4	☐	10.000	10.058	2146.13	0.0018	P	1.7	0.6
5	☐	100.000	99.191	17525.08	0.0151	P	0.7	-0.8
6	☐	200.000	200.404	33906.74	0.0302	P	0.5	0.2
7	☐	1.000						

y = 1.4895E-004 * x + 3.0726E-004
R = 1.0000
DL = 0.4529 ppb
BEC = 2.063 ppb

Weight: <None>
Min Conc: <None>

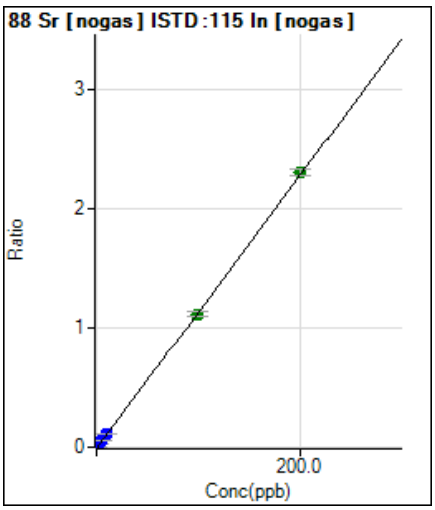


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	160.00	0.0001	P	21.6	
2	☐	2.000	2.109	586.69	0.0003	P	5.0	5.4
3	☐	5.000	5.063	1180.06	0.0005	P	5.0	1.3
4	☐	10.000	9.641	2113.50	0.0009	P	8.0	-3.6
5	☐	100.000	101.359	20335.07	0.0089	P	5.2	1.4
6	☐	200.000	199.336	39536.66	0.0173	P	3.3	-0.3
7	☐	1.000						

y = 8.6685E-005 * x + 6.7292E-005
R = 1.0000
DL = 0.5023 ppb
BEC = 0.7763 ppb

Weight: <None>
Min Conc: <None>

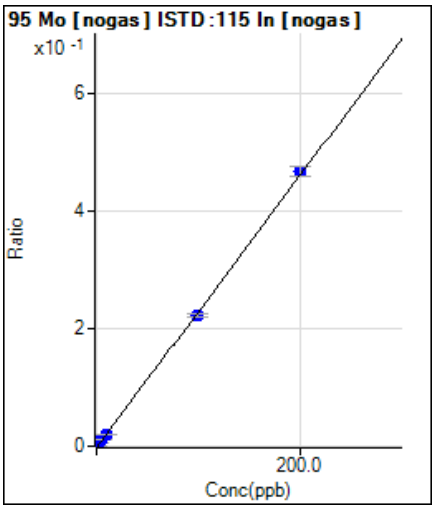
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2650.24	0.0010	P	4.9	
2	☐	2.000	2.015	65395.09	0.0240	P	4.4	0.7
3	☐	5.000	4.835	158162.71	0.0562	P	2.0	-3.3
4	☐	10.000	9.872	317928.17	0.1138	P	0.5	-1.3
5	☐	100.000	97.510	3016069.02	1.1158	A	3.1	-2.5
6	☐	200.000	201.255	6025465.75	2.3020	A	3.0	0.6
7	☐	1.000						

y = 0.0114 * x + 9.5624E-004
R = 0.9999
DL = 0.01228 ppb
BEC = 0.08364 ppb

Weight: <None>
Min Conc: <None>

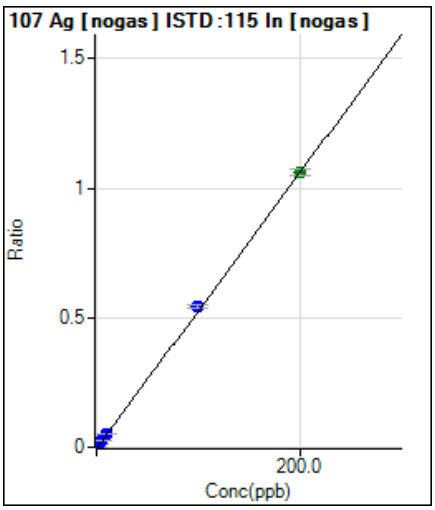


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	96.67	0.0000	P	35.5	
2	☐	2.000	1.888	12020.86	0.0044	P	1.5	-5.6
3	☐	5.000	4.312	28185.81	0.0100	P	1.7	-13.
4	☐	10.000	8.913	57733.11	0.0207	P	2.4	-10.
5	☐	100.000	96.222	602422.66	0.2229	P	2.3	-3.8
6	☐	200.000	201.962	1224268.91	0.4677	P	3.3	1.0
7	☐	1.000						

y = 0.0023 * x + 3.4799E-005
R = 0.9998
DL = 0.01598 ppb
BEC = 0.01503 ppb

Weight: <None>
Min Conc: <None>

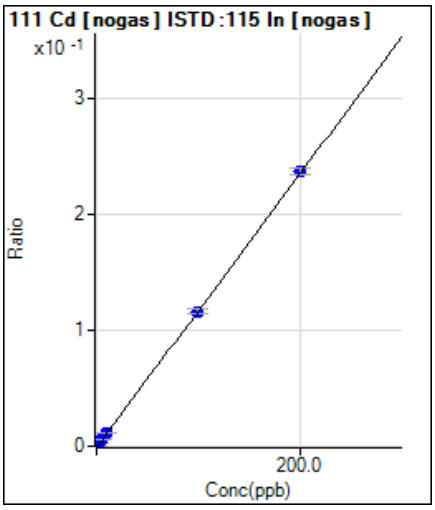
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	63.33	0.0000	P	24.8	
2	☐	2.000	2.041	29715.23	0.0109	P	2.3	2.0
3	☐	5.000	4.803	72052.45	0.0256	P	1.5	-3.9
4	☐	10.000	9.832	146374.77	0.0524	P	1.3	-1.7
5	☐	100.000	101.766	1465860.45	0.5423	P	2.4	1.8
6	☐	200.000	199.130	2777868.81	1.0611	A	2.4	-0.4
7	☐	1.000						

y = 0.0053 * x + 2.2872E-005
R = 0.9999
DL = 0.003191 ppb
BEC = 0.004292 ppb

Weight: <None>
Min Conc: <None>

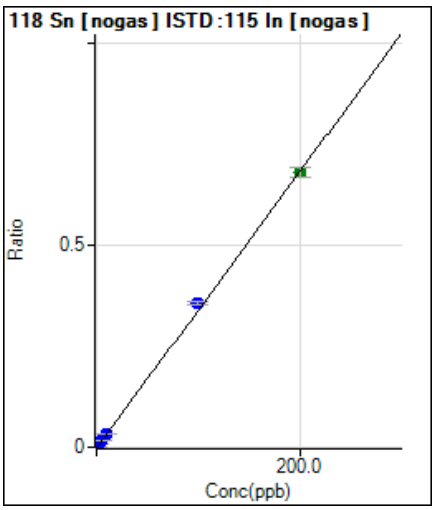


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	20.00	0.0000	P	86.6	
2	☐	2.000	1.904	6154.51	0.0023	P	6.1	-4.8
3	☐	5.000	4.607	15340.18	0.0055	P	2.8	-7.9
4	☐	10.000	9.314	30767.07	0.0110	P	3.0	-6.9
5	☐	100.000	98.549	314954.36	0.1165	P	2.8	-1.5
6	☐	200.000	200.771	621354.60	0.2374	P	2.8	0.4
7	☐	1.000						

y = 0.0012 * x + 7.1821E-006
R = 1.0000
DL = 0.01578 ppb
BEC = 0.006075 ppb

Weight: <None>
Min Conc: <None>

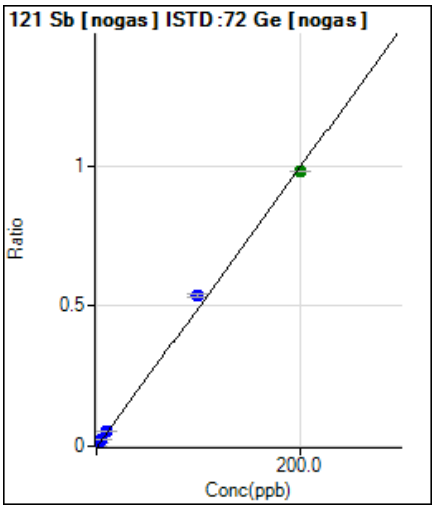
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2233.51	0.0008	P	4.5	
2	☐	2.000	2.014	21046.23	0.0077	P	4.0	0.7
3	☐	5.000	4.819	48801.13	0.0173	P	1.4	-3.6
4	☐	10.000	9.803	96248.50	0.0345	P	1.9	-2.0
5	☐	100.000	103.411	961864.39	0.3558	P	2.3	3.4
6	☐	200.000	198.309	1784091.12	0.6816	A	3.5	-0.8
7	☐	1.000						

y = 0.0034 * x + 8.0543E-004
R = 0.9998
DL = 0.03149 ppb
BEC = 0.2346 ppb

Weight: <None>
Min Conc: <None>

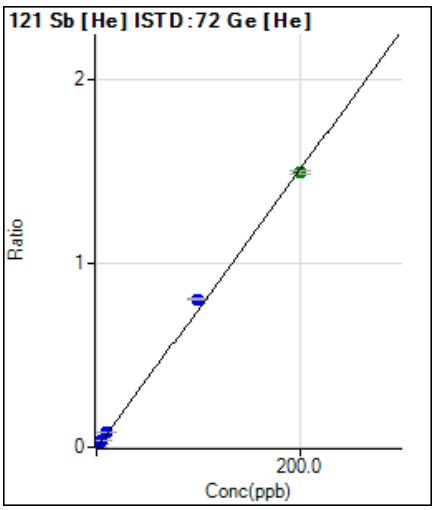


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	703.36	0.0003	P	14.6	
2	☐	2.000	2.068	24954.63	0.0106	P	5.1	3.4
3	☐	5.000	5.062	59714.74	0.0256	P	0.8	1.2
4	☐	10.000	10.202	120228.81	0.0513	P	3.0	2.0
5	☐	100.000	107.565	1236756.23	0.5383	P	2.1	7.6
6	☐	200.000	196.205	2237202.41	0.9817	A	0.5	-1.9
7	☐	1.000						

y = 0.0050 * x + 2.9594E-004
R = 0.9990
DL = 0.02588 ppb
BEC = 0.05916 ppb

Weight: <None>
Min Conc: <None>

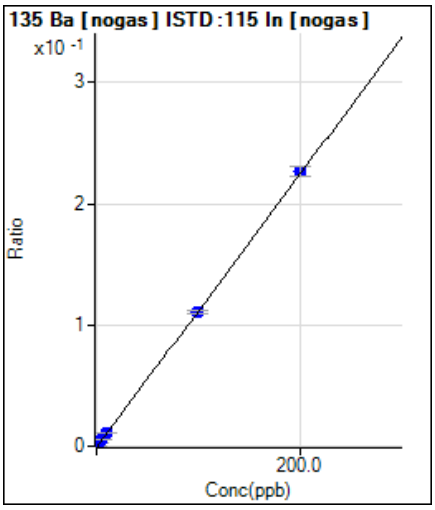
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	570.01	0.0005	P	24.2	
2	☐	2.000	2.010	18900.43	0.0157	P	0.6	0.5
3	☐	5.000	4.979	45722.96	0.0382	P	0.6	-0.4
4	☐	10.000	10.157	92036.64	0.0774	P	1.0	1.6
5	☐	100.000	105.804	932043.03	0.8021	P	1.0	5.8
6	☐	200.000	197.091	1679419.61	1.4937	A	1.1	-1.5
7	☐	1.000						

y = 0.0076 * x + 4.7489E-004
R = 0.9994
DL = 0.04555 ppb
BEC = 0.06268 ppb

Weight: <None>
Min Conc: <None>

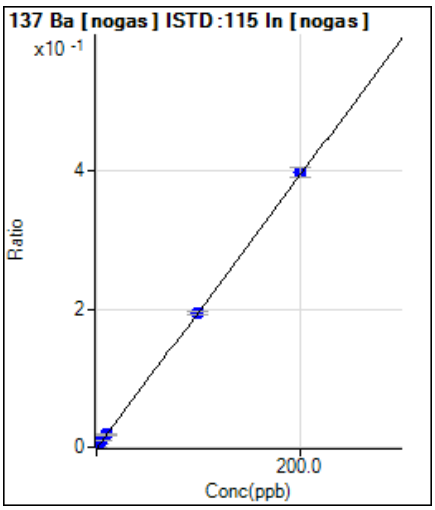


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	273.35	0.0001	P	12.1	
2	☐	2.000	1.843	5934.45	0.0022	P	3.5	-7.9
3	☐	5.000	4.396	14219.31	0.0051	P	3.1	-12.
4	☐	10.000	9.161	29121.44	0.0104	P	2.3	-8.4
5	☐	100.000	97.900	298681.70	0.1105	P	2.1	-2.1
6	☐	200.000	201.109	593802.93	0.2269	P	3.8	0.6
7	☐	1.000						

y = 0.0011 * x + 9.8616E-005
R = 0.9999
DL = 0.03167 ppb
BEC = 0.08745 ppb

Weight: <None>
Min Conc: <None>

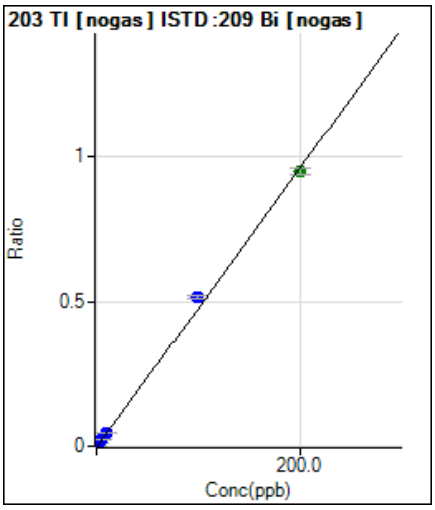
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	386.68	0.0001	P	8.0	
2	☐	2.000	1.855	10386.62	0.0038	P	6.7	-7.3
3	☐	5.000	4.479	25332.07	0.0090	P	3.7	-10.
4	☐	10.000	9.038	50356.88	0.0180	P	3.1	-9.6
5	☐	100.000	97.832	523939.85	0.1938	P	2.2	-2.2
6	☐	200.000	201.147	1042679.25	0.3984	P	3.8	0.6
7	☐	1.000						

y = 0.0020 * x + 1.3948E-004
R = 0.9999
DL = 0.01698 ppb
BEC = 0.07045 ppb

Weight: <None>
Min Conc: <None>

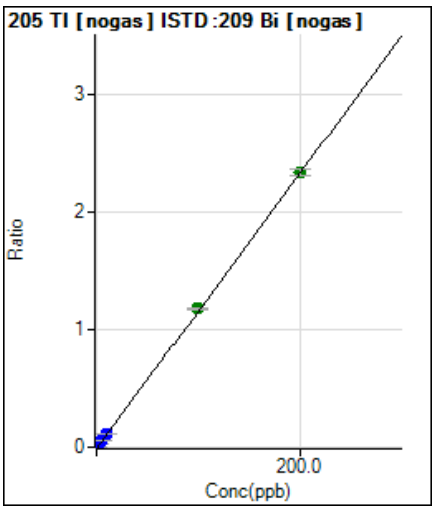


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	26.67	0.0000	P	20.6	
2	☐	2.000	1.976	24034.50	0.0096	P	4.8	-1.2
3	☐	5.000	4.860	58965.73	0.0235	P	1.0	-2.8
4	☐	10.000	9.859	117201.40	0.0477	P	1.8	-1.4
5	☐	100.000	106.681	1217872.51	0.5157	P	2.2	6.7
6	☐	200.000	196.670	2212323.41	0.9507	A	2.6	-1.7
7	☐	1.000						

y = 0.0048 * x + 1.0755E-005
R = 0.9992
DL = 0.001377 ppb
BEC = 0.002225 ppb

Weight: <None>
Min Conc: <None>

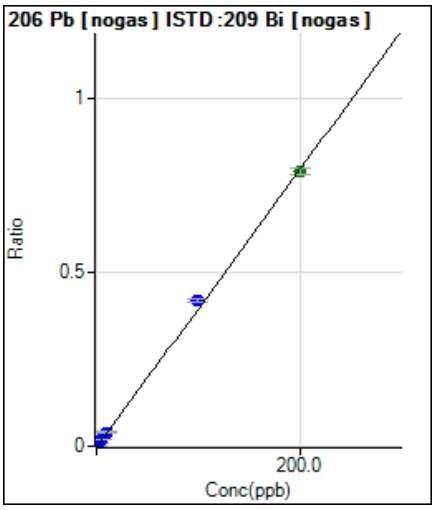
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	60.00	0.0000	P	42.5	
2	☐	2.000	1.965	57828.48	0.0230	P	5.4	-1.7
3	☐	5.000	4.803	141009.88	0.0562	P	2.5	-3.9
4	☐	10.000	9.907	284950.40	0.1159	P	3.4	-0.9
5	☐	100.000	100.656	2780997.56	1.1774	A	0.6	0.7
6	☐	200.000	199.682	5435152.42	2.3358	A	2.9	-0.2
7	☐	1.000						

y = 0.0117 * x + 2.4143E-005
R = 1.0000
DL = 0.00263 ppb
BEC = 0.002064 ppb

Weight: <None>
Min Conc: <None>

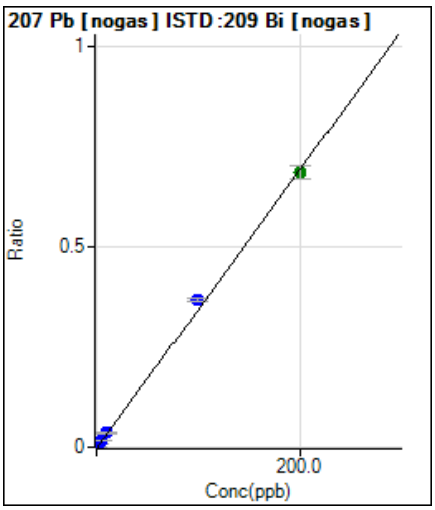


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	290.01	0.0001	P	15.0	
2	☐	2.000	1.880	19248.19	0.0077	P	3.8	-6.0
3	☐	5.000	4.872	49307.67	0.0197	P	1.7	-2.6
4	☐	10.000	10.010	98966.91	0.0403	P	3.4	0.1
5	☐	100.000	104.859	993300.66	0.4206	P	1.5	4.9
6	☐	200.000	197.574	1843870.75	0.7924	A	2.5	-1.2
7	☐	1.000						

y = 0.0040 * x + 1.1708E-004
R = 0.9996
DL = 0.01317 ppb
BEC = 0.0292 ppb

Weight: <None>
Min Conc: <None>

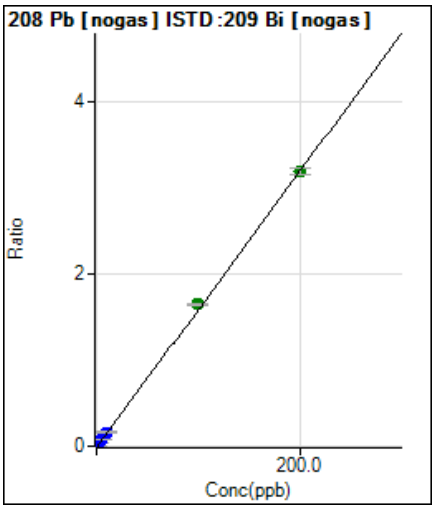
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	286.68	0.0001	P	5.9	
2	☐	2.000	1.930	17212.60	0.0068	P	5.8	-3.5
3	☐	5.000	4.880	42989.70	0.0171	P	1.7	-2.4
4	☐	10.000	10.091	86805.47	0.0353	P	2.3	0.9
5	☐	100.000	105.920	872695.74	0.3695	P	2.2	5.9
6	☐	200.000	197.039	1599258.15	0.6873	A	4.3	-1.5
7	☐	1.000						

y = 0.0035 * x + 1.1575E-004
R = 0.9994
DL = 0.005894 ppb
BEC = 0.03319 ppb

Weight: <None>
Min Conc: <None>

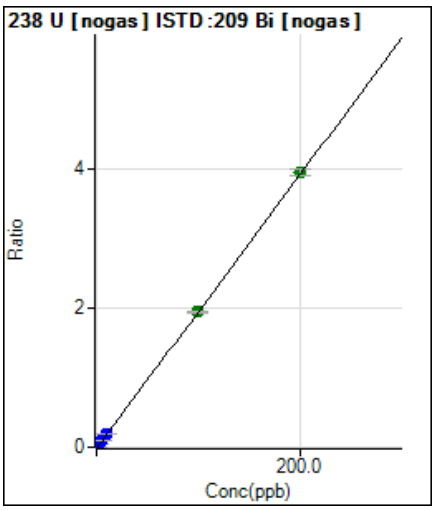


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1146.71	0.0005	P	11.1	
2	☐	2.000	1.927	78765.74	0.0313	P	4.0	-3.7
3	☐	5.000	4.860	196522.96	0.0783	P	0.8	-2.8
4	☐	10.000	10.064	397543.14	0.1617	P	2.7	0.6
5	☐	100.000	102.432	3877093.67	1.6416	A	1.1	2.4
6	☐	200.000	198.785	7412140.10	3.1853	A	2.8	-0.6
7	☐	1.000						

y = 0.0160 * x + 4.6337E-004
R = 0.9999
DL = 0.009669 ppb
BEC = 0.02892 ppb

Weight: <None>
Min Conc: <None>

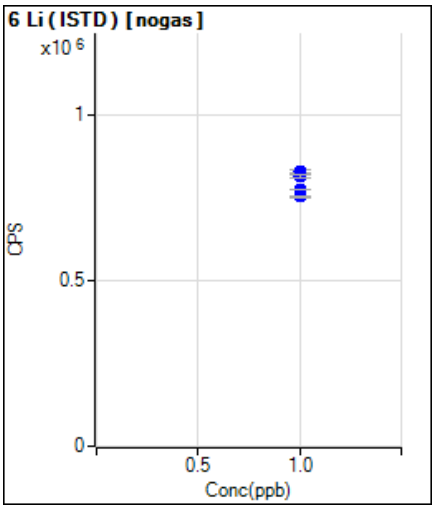
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	46.67	0.0000	P	23.1	
2	☐	2.000	1.874	92810.94	0.0369	P	4.7	-6.3
3	☐	5.000	4.632	228882.85	0.0912	P	1.8	-7.4
4	☐	10.000	9.647	467086.58	0.1900	P	2.7	-3.5
5	☐	100.000	98.656	4588808.06	1.9430	A	1.1	-1.3
6	☐	200.000	200.700	9197606.74	3.9527	A	2.9	0.4
7	☐	1.000						

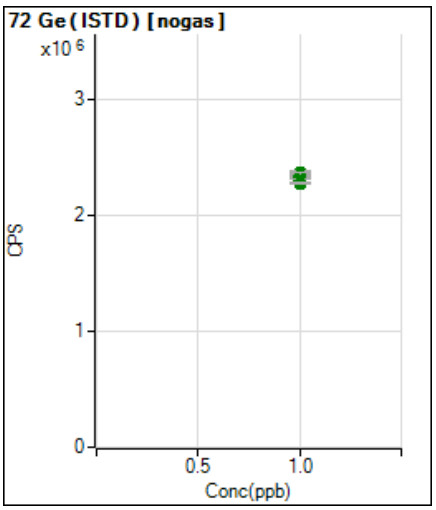
y = 0.0197 * x + 1.8807E-005
R = 1.0000
DL = 0.0006607 ppb
BEC = 0.000955 ppb

Weight: <None>
Min Conc: <None>

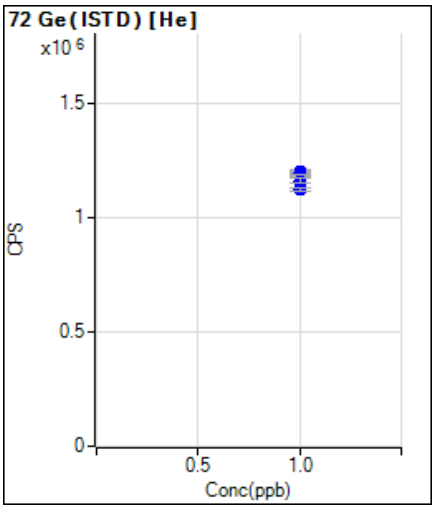


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		829172.24		P	0.7	
2	☐	1.000		822797.03		P	0.5	
3	☐	1.000		821616.87		P	0.6	
4	☐	1.000		814084.58		P	1.0	
5	☐	1.000		774923.16		P	0.3	
6	☐	1.000		752044.56		P	0.9	
7	☐	1.000						

Calibration for 239_ICV.d

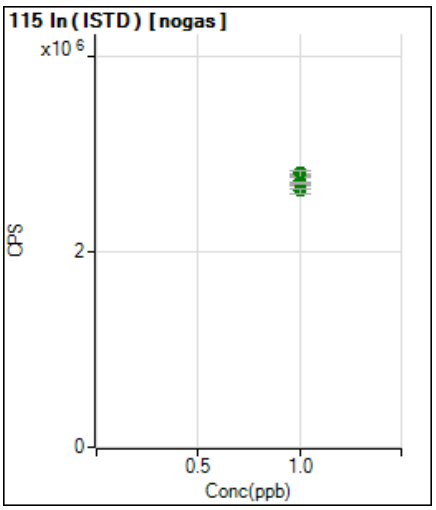


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2374121.48		A	1.1	
2	☐	1.000		2346629.39		A	1.4	
3	☐	1.000		2330856.01		A	1.3	
4	☐	1.000		2343539.60		A	2.6	
5	☐	1.000		2297648.35		A	1.2	
6	☐	1.000		2278908.51		A	0.6	
7	☐	1.000						

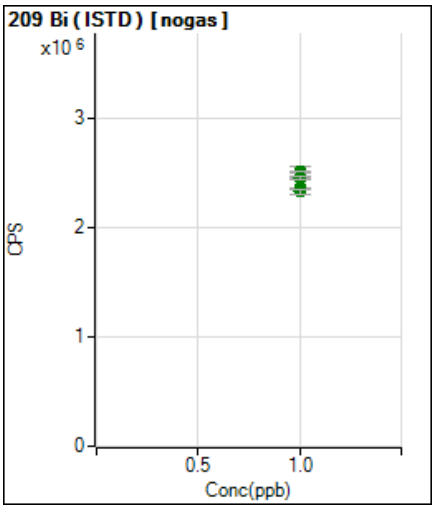


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1202071.91		P	1.0	
2	☐	1.000		1203346.49		P	1.0	
3	☐	1.000		1197099.49		P	1.1	
4	☐	1.000		1188636.26		P	0.6	
5	☐	1.000		1162080.74		P	1.8	
6	☐	1.000		1124298.55		P	1.1	
7	☐	1.000						

Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2772566.30		A	1.2	
2	☐	1.000		2728206.04		A	3.2	
3	☐	1.000		2812893.41		A	0.7	
4	☐	1.000		2793341.44		A	2.1	
5	☐	1.000		2703482.09		A	0.9	
6	☐	1.000		2618476.39		A	1.8	
7	☐	1.000						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2475474.03		A	1.6	
2	☐	1.000		2515778.92		A	3.5	
3	☐	1.000		2508864.13		A	0.8	
4	☐	1.000		2458825.90		A	1.3	
5	☐	1.000		2361859.13		A	0.6	
6	☐	1.000		2327736.21		A	1.8	
7	☐	1.000						

Initial Calibration Verification (ICV) Report

Sample Table

Sample Name	ICCV
Data File Name	239_ICV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T21:03:35-06:00
Sample Type	ICV
Dilution	1
Comment	
ISTD Ref File Name	229CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	99.285	0.678	348320	1.16	100	99.3	90	110	
B	11	1	nogas	496.069	2.310	1109910	2.78	500	99.2	90	110	
Al	27	1	nogas	102.890	5.269	1291797	3.47	100	102.9	90	110	
P	31	1	nogas	507.396	0.434	383416	1.38	500	101.5	90	110	
Ti	47	1	nogas	99.498	1.539	156240	1.06	100	99.5	90	110	
Ni	60	1	nogas	101.212	0.389	449756	1.99	100	101.2	90	110	
Cu	63	1	nogas	104.782	0.379	1052512	1.48	100	104.8	90	110	
Zn	66	1	nogas	101.681	1.048	288154	1.16	100	101.7	90	110	
Se	77	1	nogas	99.055	2.573	19087	0.32	100	99.1	90	110	
Se	82	1	nogas	101.677	2.621	20482	3.92	100	101.7	90	110	
Sr	88	1	nogas	98.525	1.079	3042500	1.42	100	98.5	90	110	
Mo	95	1	nogas	96.978	0.990	606140	1.09	100	97.0	90	110	
Ag	107	1	nogas	100.382	3.269	1443379	2.85	100	100.4	90	110	
Cd	111	1	nogas	98.796	1.668	315226	1.81	100	98.8	90	110	
Sn	118	1	nogas	103.705	1.714	962951	1.67	100	103.7	90	110	
Sb	121	1	nogas	107.122	0.572	1236190	2.04	100	107.1	90	110	
Ba	137	1	nogas	98.099	2.299	524504	2.61	100	98.1	90	110	
Tl	205	1	nogas	98.239	0.717	2711969	0.30	100	98.2	90	110	
Pb	208	1	nogas	101.452	2.361	3836854	1.89	100	101.5	90	110	
U	238	1	nogas	98.259	1.945	4566648	1.34	100	98.3	90	110	
Li	7	1	nogas	99.769	1.655	1124182	2.03	100	99.8	90	110	
Si	28	1	nogas	5187.464	2.001	3648944	1.17	5000	103.7	90	110	
Ba	135	1	nogas	98.943	0.994	301358	1.42	100	98.9	90	110	
Tl	203	1	nogas	106.270	2.570	1212210	1.96	100	106.3	90	110	
Na	23	2	He	10021.529	1.840	17507662	1.47	10000	100.2	90	110	
Mg	24	2	He	10003.195	1.339	11517452	1.89	10000	100.0	90	110	
Al	27	2	He	100.859	1.553	105538	2.95	100	100.9	90	110	
K	39	2	He	9878.880	0.360	17588801	3.46	10000	98.8	90	110	
Ca	43	2	He	9775.041	1.131	53456	2.73	10000	97.8	90	110	
Ca	44	2	He	9986.934	0.262	894606	3.30	10000	99.9	90	110	
V	51	2	He	101.502	0.524	912439	2.69	100	101.5	90	110	
Cr	52	2	He	101.837	0.351	949085	2.86	100	101.8	90	110	
Mn	55	2	He	101.989	0.366	874629	2.99	100	102.0	90	110	
Fe	56	2	He	9856.452	0.634	84836604	2.93	10000	98.6	90	110	
Co	59	2	He	102.097	0.268	1259483	3.13	100	102.1	90	110	
Ni	60	2	He	99.533	0.605	308234	2.61	100	99.5	90	110	
Cu	63	2	He	103.463	1.056	770117	2.16	100	103.5	90	110	
Zn	66	2	He	100.376	1.134	172205	2.86	100	100.4	90	110	
As	75	2	He	99.375	1.003	134907	3.79	100	99.4	90	110	
Sb	121	2	He	105.624	0.428	924000	2.78	100	105.6	90	110	
Se	78	2	He	100.740	0.177	17671	3.11	100	100.7	90	110	
Ti	47	2	He	96.685	0.145	42385	3.34	100	96.7	90	110	

QC ISTD Table

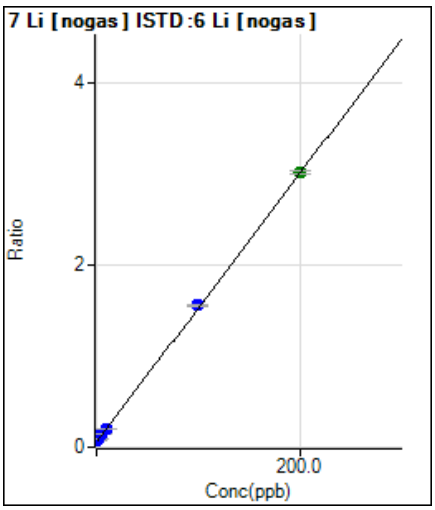
Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2305786	1.80	2374121	97.12	70	120	
In	115	1	nogas	2698590	0.44	2772566	97.33	70	120	
Li	6	1	nogas	780879	0.48	829172	94.18	70	120	
Bi	209	1	nogas	2360018	0.61	2475474	95.34	70	120	
Ge	72	2	He	1154039	3.20	1202072	96.00	70	120	

Calibration for 270_ICV.d

Batch Folder:	C:\Agilent\ICPMH\1\DATA\012621A.b\
Analysis File:	012621A.batch.bin
DA Date-Time:	1/26/2021 11:00:38 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	

Level	Standard Data File	Sample Name	Acq. Date-Time
1	263CALB.d	CAL BLK	1/26/2021 10:19:28 PM
2	264CALS.d	2/10/200	1/26/2021 10:21:30 PM
3	265CALS.d	5/25/500	1/26/2021 10:23:32 PM
4	266CALS.d	10/50/1000	1/26/2021 10:25:33 PM
5	267CALS.d	100/500/10K	1/26/2021 10:27:34 PM
6	268CALS.d	200/1000/20K	1/26/2021 10:29:33 PM
7			

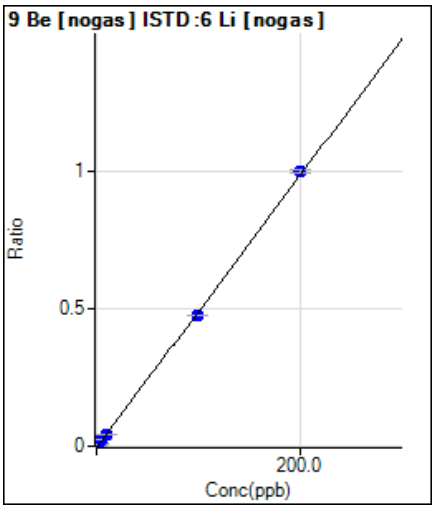
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	47534.77	0.0702	P	0.6	
2	☐	2.000	1.865	65814.48	0.0978	P	0.7	-6.7
3	☐	5.000	4.619	93589.13	0.1385	P	0.6	-7.6
4	☐	10.000	9.335	139834.43	0.2081	P	0.4	-6.7
5	☐	100.000	100.794	991151.18	1.5590	P	0.8	0.8
6	☐	200.000	199.647	1836153.98	3.0192	A	1.0	-0.2
7	☐	1.000						

y = 0.0148 * x + 0.0702
R = 1.0000
DL = 0.08215 ppb
BEC = 4.756 ppb

Weight: <None>
Min Conc: <None>

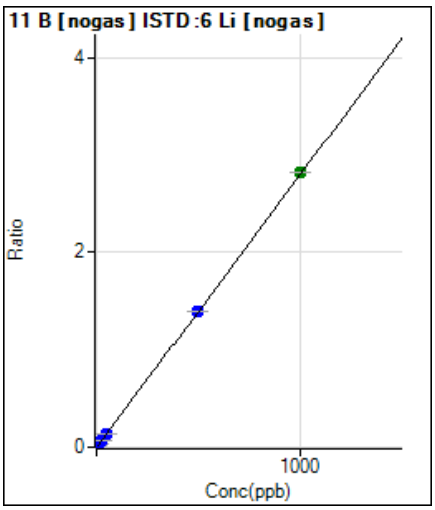


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	26.67	0.0000	P	76.0	
2	☐	2.000	1.798	5997.64	0.0089	P	2.9	-10.
3	☐	5.000	4.329	14468.85	0.0214	P	3.5	-13.
4	☐	10.000	8.724	28955.06	0.0431	P	1.8	-12.
5	☐	100.000	96.137	301682.43	0.4745	P	0.6	-3.9
6	☐	200.000	202.014	606380.94	0.9970	P	0.7	1.0
7	☐	1.000						

y = 0.0049 * x + 3.9440E-005
R = 0.9997
DL = 0.01821 ppb
BEC = 0.007991 ppb

Weight: <None>
Min Conc: <None>

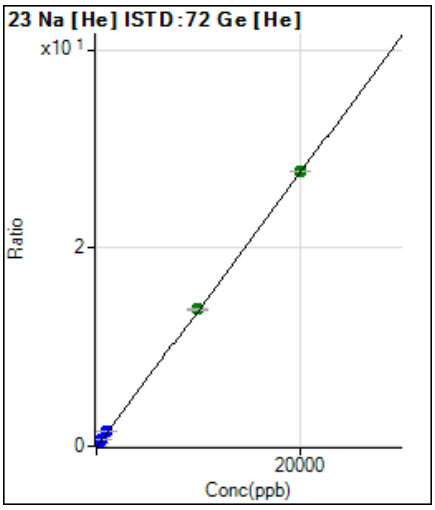
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7501.51	0.0111	P	4.3	
2	☐	10.000	9.150	24699.21	0.0367	P	1.1	-8.5
3	☐	25.000	22.752	50535.99	0.0748	P	2.2	-9.0
4	☐	50.000	45.690	93382.34	0.1390	P	0.9	-8.6
5	☐	500.000	491.705	882204.93	1.3876	P	0.2	-1.7
6	☐	1000.000	1004.427	1716917.68	2.8229	A	0.3	0.4
7	☐	5.000						

y = 0.0028 * x + 0.0111
R = 1.0000
DL = 0.5065 ppb
BEC = 3.959 ppb

Weight: <None>
Min Conc: <None>

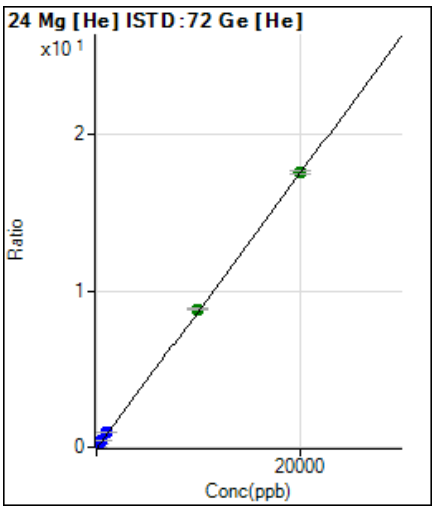


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	25070.10	0.0304	P	1.7	
2	☐	200.000	203.977	260246.47	0.3131	P	0.9	2.0
3	☐	500.000	508.836	606127.36	0.7358	P	1.2	1.8
4	☐	1000.000	1031.271	1200071.96	1.4600	P	0.7	3.1
5	☐	10000.00	9960.365	11295296.91	13.8382	A	1.0	-0.4
6	☐	20000.00	20017.99	22321930.50	27.7809	A	0.3	0.1
7	☐	100.000						

y = 0.0014 * x + 0.0304
R = 1.0000
DL = 1.094 ppb
BEC = 21.91 ppb

Weight: <None>
Min Conc: <None>

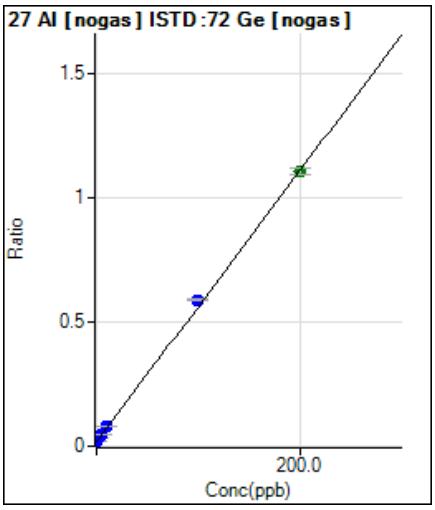
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1586.77	0.0019	P	5.0	
2	☐	200.000	208.683	154278.34	0.1856	P	0.4	4.3
3	☐	500.000	515.281	375320.37	0.4556	P	1.0	3.1
4	☐	1000.000	1041.079	754990.33	0.9185	P	0.5	4.1
5	☐	10000.00	10039.44	7215636.35	8.8408	A	1.3	0.4
6	☐	20000.00	19977.75	14133547.71	17.5906	A	0.9	-0.1
7	☐	100.000						

y = 8.8041E-004 * x + 0.0019
R = 1.0000
DL = 0.3286 ppb
BEC = 2.184 ppb

Weight: <None>
Min Conc: <None>

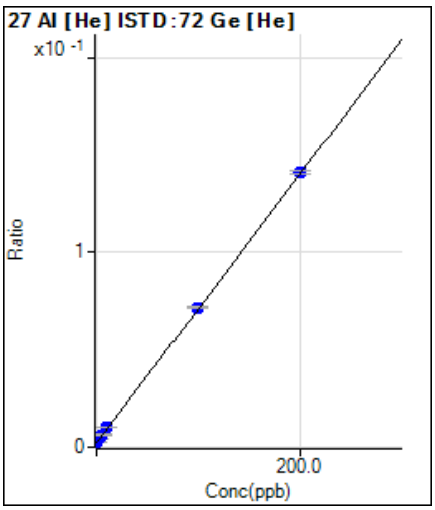


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	43122.56	0.0226	P	3.0	
2	☐	2.000	1.834	62031.42	0.0327	P	3.1	-8.3
3	☐	5.000	4.836	92892.87	0.0491	P	3.1	-3.3
4	☐	10.000	10.274	149579.70	0.0788	P	0.7	2.7
5	☐	100.000	103.399	1108493.26	0.5882	P	0.9	3.4
6	☐	200.000	198.293	2060021.74	1.1073	A	2.4	-0.9
7	☐	1.000						

y = 0.0055 * x + 0.0226
R = 0.9998
DL = 0.3698 ppb
BEC = 4.137 ppb

Weight: <None>
Min Conc: <None>

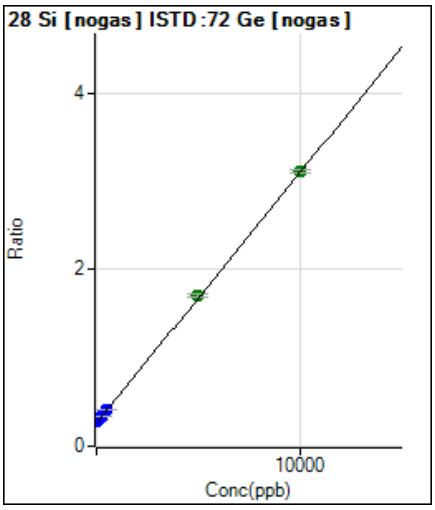
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2383.52	0.0029	P	3.0	
2	☐	2.000	1.862	3467.05	0.0042	P	5.7	-6.9
3	☐	5.000	4.875	5150.80	0.0063	P	11.0	-2.5
4	☐	10.000	10.809	8498.70	0.0103	P	3.9	8.1
5	☐	100.000	99.433	58326.16	0.0715	P	1.1	-0.6
6	☐	200.000	200.247	113284.84	0.1410	P	0.7	0.1
7	☐	1.000						

y = 6.8964E-004 * x + 0.0029
R = 1.0000
DL = 0.3752 ppb
BEC = 4.188 ppb

Weight: <None>
Min Conc: <None>

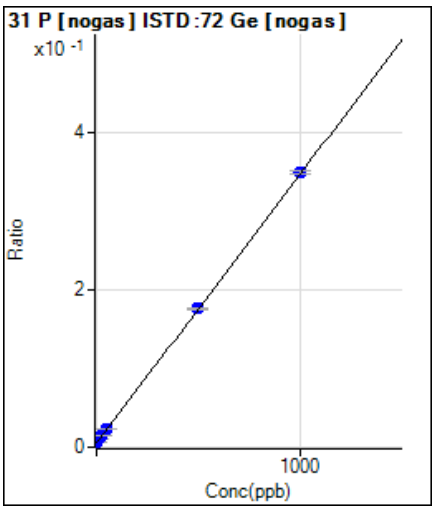


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	528742.76	0.2775	P	1.3	
2	☐	100.000	87.352	574048.10	0.3023	P	1.7	-12.
3	☐	250.000	230.078	648658.31	0.3428	P	1.6	-8.0
4	☐	500.000	464.904	776918.32	0.4095	P	0.7	-7.0
5	☐	5000.000	5018.116	3206793.80	1.7021	A	2.2	0.4
6	☐	10000.00	9993.321	5792929.08	3.1145	A	0.7	-0.1
7	☐	50.000						

y = 2.8389E-004 * x + 0.2775
R = 1.0000
DL = 38.45 ppb
BEC = 977.4 ppb

Weight: <None>
Min Conc: <None>

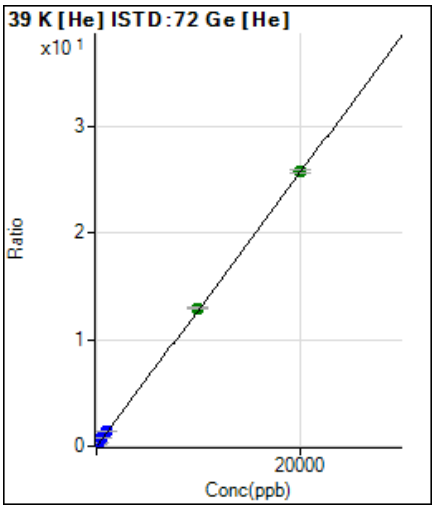
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13078.03	0.0069	P	1.9	
2	☐	10.000	10.281	19697.18	0.0104	P	3.0	2.8
3	☐	25.000	25.532	29479.89	0.0156	P	0.7	2.1
4	☐	50.000	49.304	44950.21	0.0237	P	2.5	-1.4
5	☐	500.000	494.996	331305.96	0.1758	P	1.2	-1.0
6	☐	1000.000	1002.521	649191.68	0.3491	P	1.1	0.3
7	☐	5.000						

y = 3.4135E-004 * x + 0.0069
R = 1.0000
DL = 1.158 ppb
BEC = 20.1 ppb

Weight: <None>
Min Conc: <None>

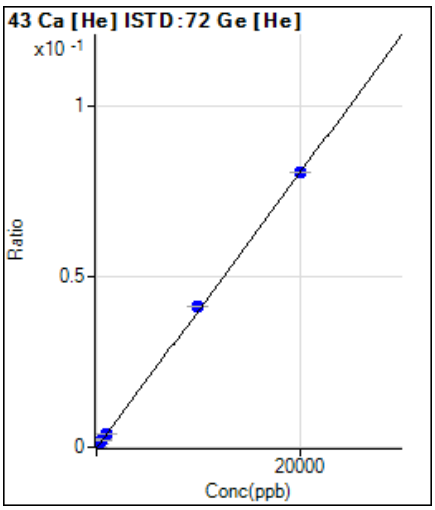


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	75009.23	0.0909	P	1.0	
2	☐	200.000	204.091	293480.85	0.3532	P	1.2	2.0
3	☐	500.000	505.584	610121.16	0.7406	P	0.3	1.1
4	☐	1000.000	1023.220	1155433.26	1.4058	P	1.6	2.3
5	☐	10000.00	10001.88	10564823.17	12.9442	A	1.2	0.0
6	☐	20000.00	19997.71	20721041.36	25.7896	A	1.2	0.0
7	☐	100.000						

y = 0.0013 * x + 0.0909
R = 1.0000
DL = 2.166 ppb
BEC = 70.72 ppb

Weight: <None>
Min Conc: <None>

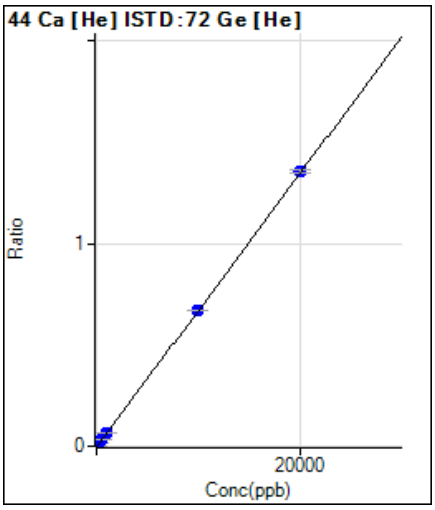
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	90.00	0.0001	P	30.0	
2	☐	200.000	195.204	746.70	0.0009	P	14.1	-2.4
3	☐	500.000	493.929	1736.78	0.0021	P	9.8	-1.2
4	☐	1000.000	920.124	3150.31	0.0038	P	3.3	-8.0
5	☐	10000.00	10167.36	33667.17	0.0412	P	0.2	1.7
6	☐	20000.00	19920.51	64848.95	0.0807	P	0.4	-0.4
7	☐	100.000						

y = 4.0460E-006 * x + 1.0923E-004
R = 0.9999
DL = 24.31 ppb
BEC = 27 ppb

Weight: <None>
Min Conc: <None>

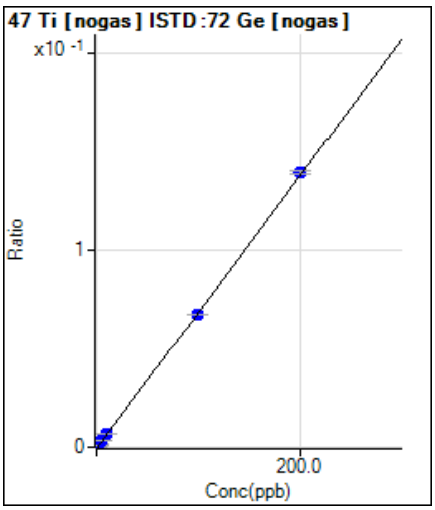


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1520.09	0.0018	P	7.1	
2	☐	200.000	191.843	12287.57	0.0148	P	1.0	-4.1
3	☐	500.000	468.306	27550.54	0.0334	P	1.3	-6.3
4	☐	1000.000	955.521	54515.93	0.0663	P	0.4	-4.4
5	☐	10000.00	9895.139	546505.02	0.6695	P	0.2	-1.0
6	☐	20000.00	20055.52	1088819.72	1.3551	P	0.6	0.3
7	☐	100.000						

y = 6.7477E-005 * x + 0.0018
R = 1.0000
DL = 5.83 ppb
BEC = 27.29 ppb

Weight: <None>
Min Conc: <None>

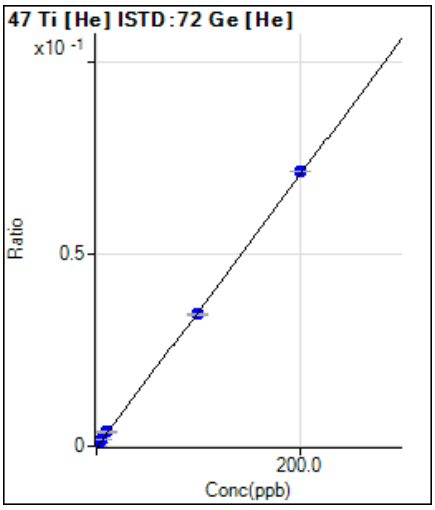
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	83.33	0.0000	P	18.1	
2	☐	2.000	1.754	2386.86	0.0013	P	8.1	-12.
3	☐	5.000	4.395	5837.67	0.0031	P	1.0	-12.
4	☐	10.000	9.242	12217.49	0.0064	P	1.4	-7.6
5	☐	100.000	97.152	126756.56	0.0673	P	0.9	-2.8
6	☐	200.000	201.479	259380.04	0.1395	P	0.8	0.7
7	☐	1.000						

y = 6.9196E-004 * x + 4.3723E-005
R = 0.9999
DL = 0.03439 ppb
BEC = 0.06319 ppb

Weight: <None>
Min Conc: <None>

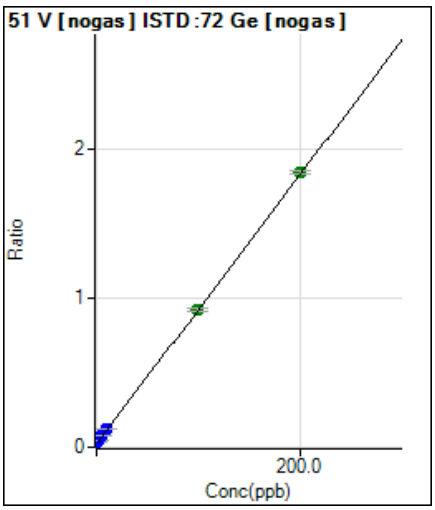


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13.33	0.0000	P	173.	
2	☐	2.000	2.181	656.69	0.0008	P	8.2	9.0
3	☐	5.000	4.891	1443.41	0.0018	P	16.8	-2.2
4	☐	10.000	10.432	3053.64	0.0037	P	8.6	4.3
5	☐	100.000	96.638	28004.61	0.0343	P	1.6	-3.4
6	☐	200.000	201.660	57511.75	0.0716	P	0.4	0.8
7	☐	1.000						

y = 3.5486E-004 * x + 1.5996E-005
R = 0.9998
DL = 0.2342 ppb
BEC = 0.04508 ppb

Weight: <None>
Min Conc: <None>

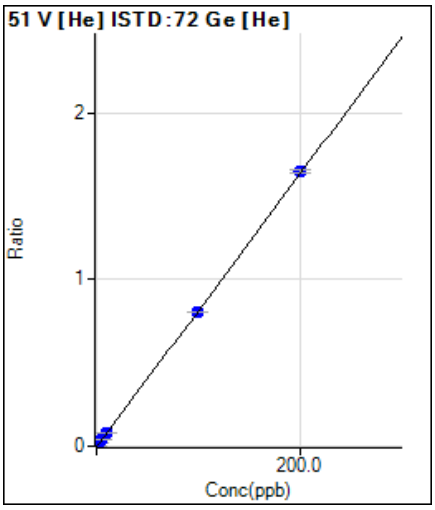
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	59377.93	0.0312	P	2.2	
2	☐	2.000	2.014	93727.96	0.0494	P	2.6	0.7
3	☐	5.000	5.059	145439.37	0.0769	P	2.3	1.2
4	☐	10.000	10.080	231891.82	0.1222	P	1.7	0.8
5	☐	100.000	98.328	1732239.09	0.9194	A	2.0	-1.7
6	☐	200.000	200.830	3431807.14	1.8453	A	1.4	0.4
7	☐	1.000						

y = 0.0090 * x + 0.0312
R = 0.9999
DL = 0.2325 ppb
BEC = 3.449 ppb

Weight: <None>
Min Conc: <None>

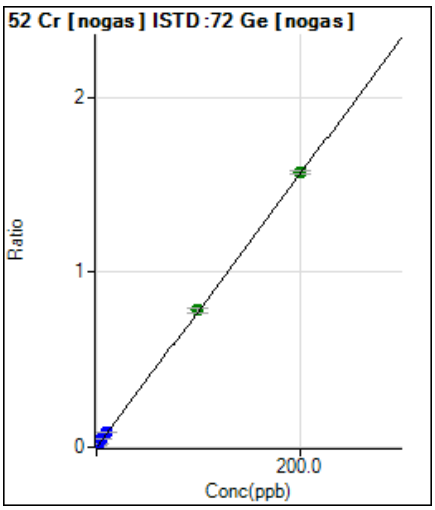


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1886.77	0.0023	P	7.2	
2	☐	2.000	1.859	14564.62	0.0175	P	3.4	-7.1
3	☐	5.000	4.675	33461.06	0.0406	P	1.5	-6.5
4	☐	10.000	9.576	66417.55	0.0808	P	1.0	-4.2
5	☐	100.000	98.331	659958.36	0.8085	P	0.2	-1.7
6	☐	200.000	200.865	1325115.57	1.6492	P	0.7	0.4
7	☐	1.000						

y = 0.0082 * x + 0.0023
R = 1.0000
DL = 0.06007 ppb
BEC = 0.2789 ppb

Weight: <None>
Min Conc: <None>

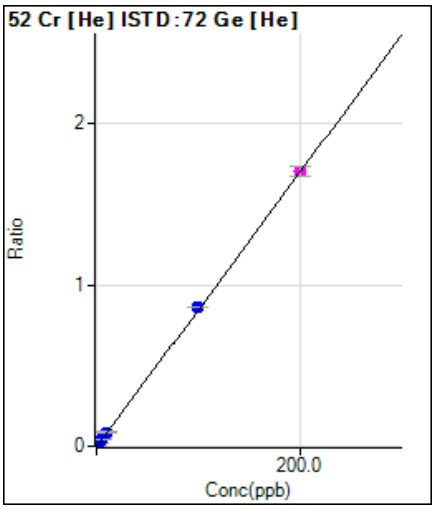
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	11950.65	0.0063	P	4.2	
2	☐	2.000	2.135	43574.62	0.0229	P	2.0	6.8
3	☐	5.000	4.931	84718.82	0.0448	P	0.5	-1.4
4	☐	10.000	10.112	161691.99	0.0852	P	2.7	1.1
5	☐	100.000	99.354	1473159.09	0.7820	A	3.0	-0.6
6	☐	200.000	200.318	2920171.52	1.5702	A	1.2	0.2
7	☐	1.000						

y = 0.0078 * x + 0.0063
R = 1.0000
DL = 0.1012 ppb
BEC = 0.8033 ppb

Weight: <None>
Min Conc: <None>

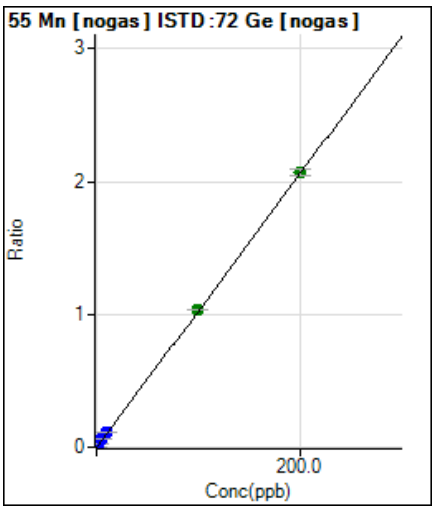


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2046.81	0.0025	P	7.5	
2	☐	2.000	1.986	16137.21	0.0194	P	2.2	-0.7
3	☐	5.000	4.819	35898.21	0.0436	P	2.2	-3.6
4	☐	10.000	9.899	71423.69	0.0869	P	1.8	-1.0
5	☐	100.000	100.838	703849.00	0.8623	P	0.6	0.8
6	☐	200.000	199.591	1369517.58	1.7044	M	3.2	-0.2
7	☐	1.000						

y = 0.0085 * x + 0.0025
R = 1.0000
DL = 0.0657 ppb
BEC = 0.2907 ppb

Weight: <None>
Min Conc: <None>

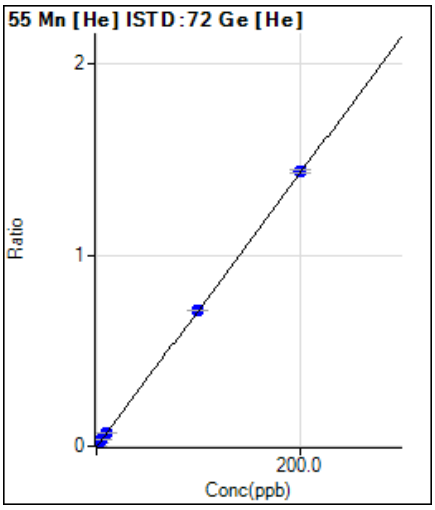
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10429.74	0.0055	P	3.6	
2	☐	2.000	2.111	51782.35	0.0273	P	3.1	5.6
3	☐	5.000	4.930	106658.25	0.0564	P	0.6	-1.4
4	☐	10.000	10.058	207371.50	0.1093	P	1.5	0.6
5	☐	100.000	99.997	1955497.52	1.0377	A	0.6	0.0
6	☐	200.000	199.999	3849585.67	2.0700	A	2.2	0.0
7	☐	1.000						

y = 0.0103 * x + 0.0055
R = 1.0000
DL = 0.05754 ppb
BEC = 0.5301 ppb

Weight: <None>
Min Conc: <None>

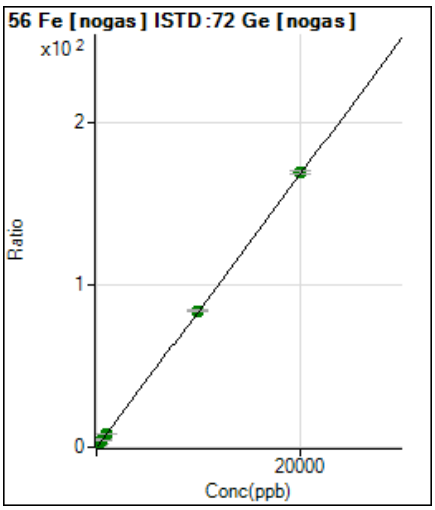


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2156.83	0.0026	P	14.6	
2	☐	2.000	2.094	14635.94	0.0176	P	2.1	4.7
3	☐	5.000	4.603	29306.71	0.0356	P	1.0	-7.9
4	☐	10.000	9.541	58308.09	0.0709	P	1.3	-4.6
5	☐	100.000	99.177	581834.07	0.7128	P	0.5	-0.8
6	☐	200.000	200.443	1155420.79	1.4380	P	0.9	0.2
7	☐	1.000						

y = 0.0072 * x + 0.0026
R = 1.0000
DL = 0.1603 ppb
BEC = 0.3649 ppb

Weight: <None>
Min Conc: <None>

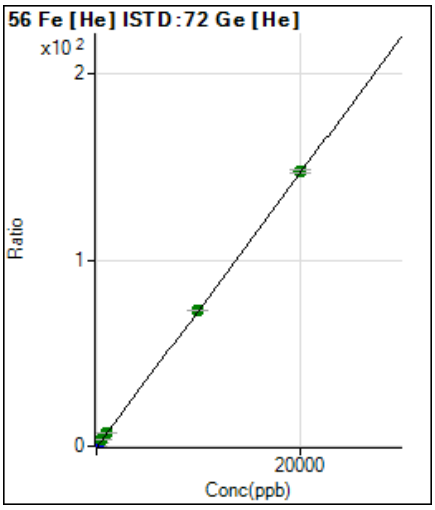
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1005618.24	0.5277	P	0.5	
2	☐	200.000	196.088	4133781.81	2.1766	A	1.2	-2.0
3	☐	500.000	479.067	8621323.00	4.5561	A	1.9	-4.2
4	☐	1000.000	956.819	16267402.26	8.5735	A	0.6	-4.3
5	☐	10000.00	9880.767	157547537.6	83.6138	A	1.2	-1.2
6	☐	20000.00	20062.33	314710361.9	169.229	A	1.7	0.3
7	☐	100.000						

y = 0.0084 * x + 0.5277
R = 1.0000
DL = 1.02 ppb
BEC = 62.76 ppb

Weight: <None>
Min Conc: <None>

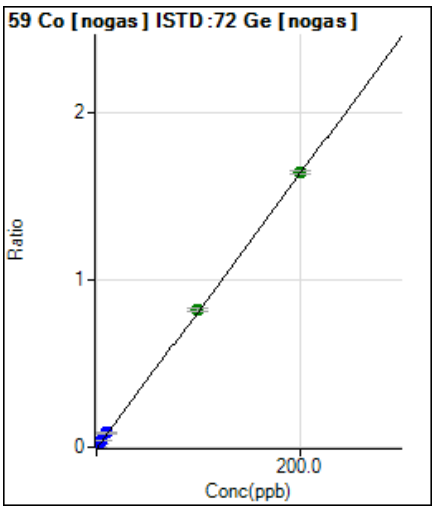


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	18866.54	0.0229	P	1.6	
2	☐	200.000	207.066	1286545.68	1.5481	P	1.2	3.5
3	☐	500.000	491.986	3004353.50	3.6468	A	0.6	-1.6
4	☐	1000.000	977.428	5936345.33	7.2226	A	1.4	-2.3
5	☐	10000.00	9905.825	59575619.12	72.9894	A	0.6	-0.9
6	☐	20000.00	20048.34	118671054.9	147.699	A	1.4	0.2
7	☐	100.000						

y = 0.0074 * x + 0.0229
R = 1.0000
DL = 0.1527 ppb
BEC = 3.104 ppb

Weight: <None>
Min Conc: <None>

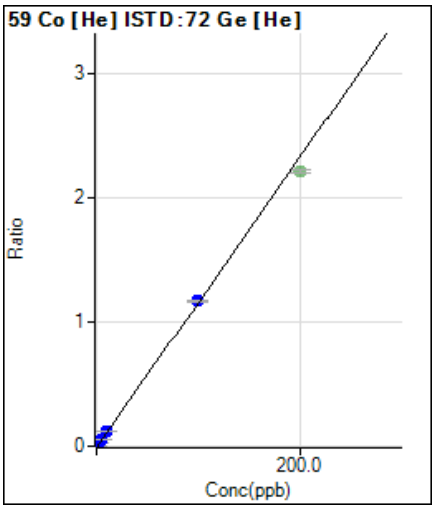
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	323.34	0.0002	P	14.0	
2	☐	2.000	2.072	32712.51	0.0172	P	1.7	3.6
3	☐	5.000	5.125	80126.39	0.0423	P	2.7	2.5
4	☐	10.000	10.294	161051.65	0.0849	P	1.4	2.9
5	☐	100.000	99.894	1549184.61	0.8222	A	1.8	-0.1
6	☐	200.000	200.034	3061704.02	1.6463	A	1.3	0.0
7	☐	1.000						

y = 0.0082 * x + 1.6957E-004
R = 1.0000
DL = 0.008674 ppb
BEC = 0.02061 ppb

Weight: <None>
Min Conc: <None>

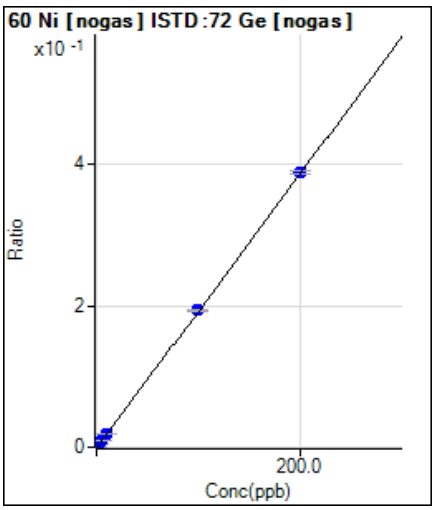


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	146.67	0.0002	P	22.6	
2	☐	2.000	1.937	18963.28	0.0228	P	4.5	-3.1
3	☐	5.000	4.779	46167.80	0.0560	P	1.5	-4.4
4	☐	10.000	9.770	94024.29	0.1144	P	0.2	-2.3
5	☐	100.000	100.035	954609.67	1.1695	P	0.8	0.0
6	☑	200.000		1776390.97	2.2109	A	0.9	
7	☐	1.000						

y = 0.0117 * x + 1.7793E-004
R = 1.0000
DL = 0.01032 ppb
BEC = 0.01522 ppb

Weight: <None>
Min Conc: <None>

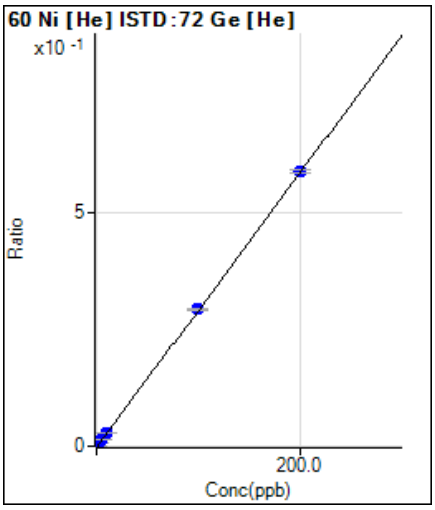
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	496.68	0.0003	P	12.8	
2	☐	2.000	1.937	7628.36	0.0040	P	2.8	-3.2
3	☐	5.000	4.898	18466.10	0.0098	P	2.5	-2.0
4	☐	10.000	9.793	36532.97	0.0193	P	1.2	-2.1
5	☐	100.000	99.624	364546.77	0.1935	P	0.6	-0.4
6	☐	200.000	200.201	722636.68	0.3885	P	0.7	0.1
7	☐	1.000						

y = 0.0019 * x + 2.6075E-004
R = 1.0000
DL = 0.05172 ppb
BEC = 0.1345 ppb

Weight: <None>
Min Conc: <None>

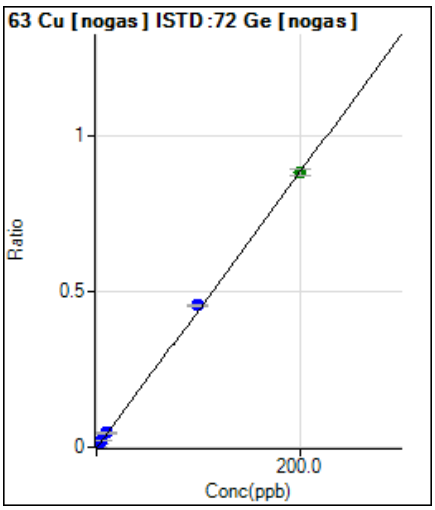


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	283.34	0.0003	P	41.4	
2	☐	2.000	1.914	4950.74	0.0060	P	7.3	-4.3
3	☐	5.000	4.941	12220.87	0.0148	P	1.2	-1.2
4	☐	10.000	9.900	24142.75	0.0294	P	1.9	-1.0
5	☐	100.000	99.801	239177.53	0.2930	P	0.9	-0.2
6	☐	200.000	200.107	471775.14	0.5872	P	1.3	0.1
7	☐	1.000						

y = 0.0029 * x + 3.4401E-004
R = 1.0000
DL = 0.1457 ppb
BEC = 0.1173 ppb

Weight: <None>
Min Conc: <None>

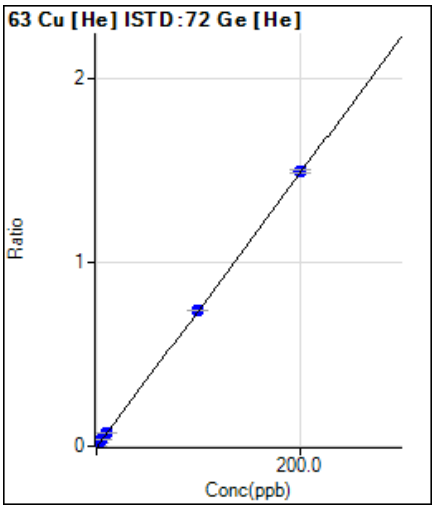
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1506.75	0.0008	P	9.8	
2	☐	2.000	1.954	17995.68	0.0095	P	4.6	-2.3
3	☐	5.000	5.028	43789.08	0.0231	P	3.5	0.6
4	☐	10.000	10.111	86753.04	0.0457	P	2.0	1.1
5	☐	100.000	102.469	859510.19	0.4561	P	1.4	2.5
6	☐	200.000	198.760	1644171.90	0.8840	A	2.1	-0.6
7	☐	1.000						

y = 0.0044 * x + 7.9092E-004
R = 0.9999
DL = 0.05214 ppb
BEC = 0.178 ppb

Weight: <None>
Min Conc: <None>

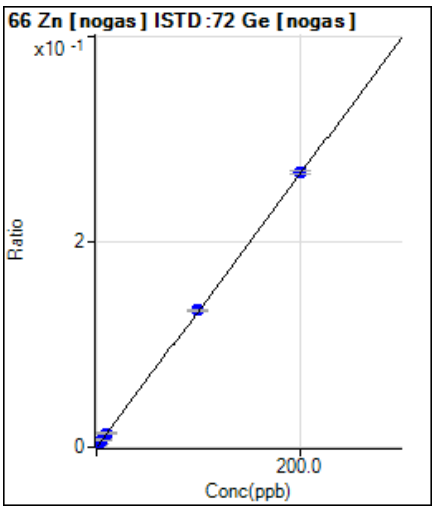


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	843.37	0.0010	P	11.1	
2	☐	2.000	2.031	13415.10	0.0161	P	1.5	1.6
3	☐	5.000	4.833	30482.16	0.0370	P	1.6	-3.3
4	☐	10.000	9.843	61054.39	0.0743	P	2.3	-1.6
5	☐	100.000	99.050	602597.43	0.7383	P	1.0	-1.0
6	☐	200.000	200.487	1199858.18	1.4933	P	1.3	0.2
7	☐	1.000						

y = 0.0074 * x + 0.0010
R = 1.0000
DL = 0.04573 ppb
BEC = 0.1374 ppb

Weight: <None>
Min Conc: <None>

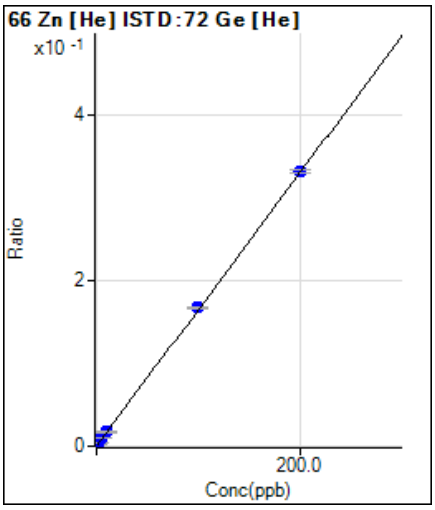
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2130.16	0.0011	P	8.2	
2	☐	2.000	1.861	6828.07	0.0036	P	5.7	-6.9
3	☐	5.000	4.592	13685.30	0.0072	P	2.7	-8.2
4	☐	10.000	9.415	25911.99	0.0137	P	3.0	-5.9
5	☐	100.000	99.325	251331.11	0.1334	P	0.5	-0.7
6	☐	200.000	200.378	498314.98	0.2679	P	1.1	0.2
7	☐	1.000						

y = 0.0013 * x + 0.0011
R = 1.0000
DL = 0.2072 ppb
BEC = 0.8398 ppb

Weight: <None>
Min Conc: <None>

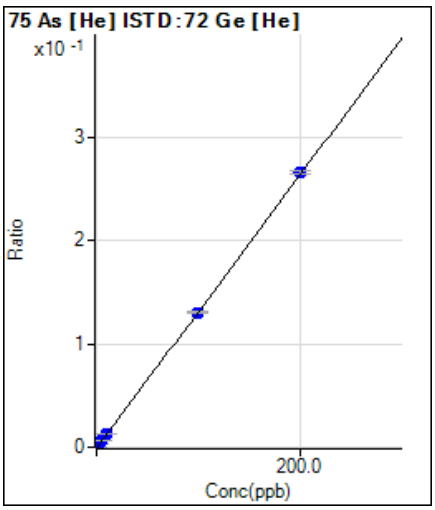


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1530.09	0.0019	P	11.4	
2	☐	2.000	1.689	3853.81	0.0046	P	6.1	-15.
3	☐	5.000	4.443	7561.68	0.0092	P	1.9	-11.
4	☐	10.000	9.334	14168.97	0.0172	P	4.7	-6.7
5	☐	100.000	100.123	136210.40	0.1669	P	1.5	0.1
6	☐	200.000	199.989	266349.61	0.3315	P	0.7	0.0
7	☐	1.000						

y = 0.0016 * x + 0.0019
R = 1.0000
DL = 0.3834 ppb
BEC = 1.125 ppb

Weight: <None>
Min Conc: <None>

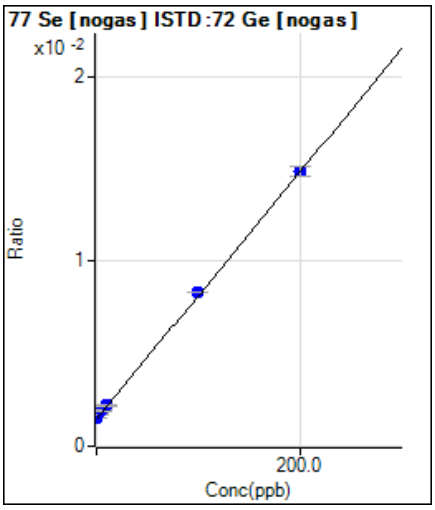
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	136.67	0.0002	P	10.0	
2	☐	2.000	1.919	2249.04	0.0027	P	5.9	-4.0
3	☐	5.000	4.670	5228.55	0.0063	P	2.2	-6.6
4	☐	10.000	9.332	10290.71	0.0125	P	1.5	-6.7
5	☐	100.000	98.288	106321.12	0.1303	P	0.9	-1.7
6	☐	200.000	200.898	213783.73	0.2661	P	1.3	0.4
7	☐	1.000						

y = 0.0013 * x + 1.6553E-004
R = 0.9999
DL = 0.03769 ppb
BEC = 0.1251 ppb

Weight: <None>
Min Conc: <None>

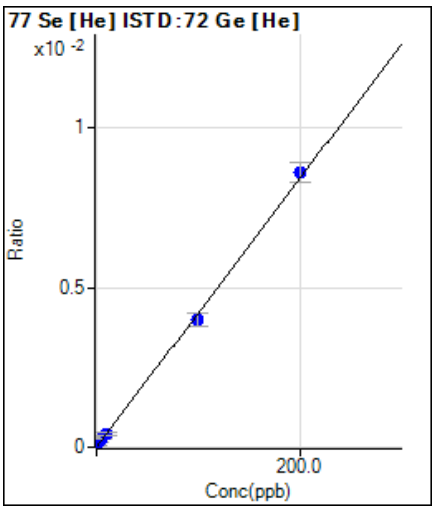


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2946.96	0.0015	P	1.6	
2	☐	2.000	3.086	3327.03	0.0018	P	7.8	54.3
3	☐	5.000	5.883	3670.43	0.0019	P	2.1	17.7
4	☐	10.000	9.996	4200.56	0.0022	P	5.2	0.0
5	☐	100.000	101.166	15653.72	0.0083	P	0.1	1.2
6	☐	200.000	199.384	27667.97	0.0149	P	3.9	-0.3
7	☐	1.000						

y = 6.6828E-005 * x + 0.0015
R = 1.0000
DL = 1.118 ppb
BEC = 23.14 ppb

Weight: <None>
Min Conc: <None>

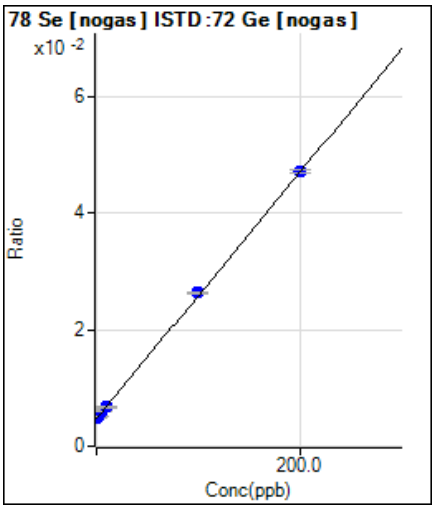
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	40.00	0.0000	P	25.3	
2	☐	2.000	2.379	123.34	0.0001	P	13.2	18.9
3	☐	5.000	5.489	230.01	0.0003	P	15.4	9.8
4	☐	10.000	8.768	343.34	0.0004	P	16.7	-12.
5	☐	100.000	93.288	3240.35	0.0040	P	10.3	-6.7
6	☐	200.000	203.402	6911.43	0.0086	P	6.7	1.7
7	☐	1.000						

y = 4.2056E-005 * x + 4.8481E-005
R = 0.9992
DL = 0.8745 ppb
BEC = 1.153 ppb

Weight: <None>
Min Conc: <None>

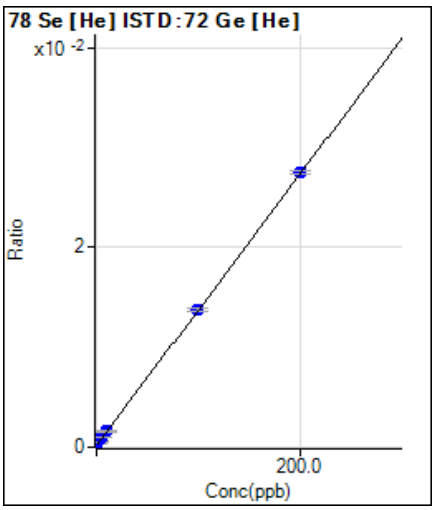


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	9469.30	0.0050	P	3.5	
2	☐	2.000	0.755	9739.44	0.0051	P	3.4	-62.
3	☐	5.000	4.934	11383.75	0.0060	P	3.9	-1.3
4	☐	10.000	8.189	12717.93	0.0067	P	2.7	-18.
5	☐	100.000	101.080	49691.19	0.0264	P	1.7	1.1
6	☐	200.000	199.565	87847.87	0.0472	P	0.9	-0.2
7	☐	1.000						

y = 2.1176E-004 * x + 0.0050
R = 0.9999
DL = 2.445 ppb
BEC = 23.47 ppb

Weight: <None>
Min Conc: <None>

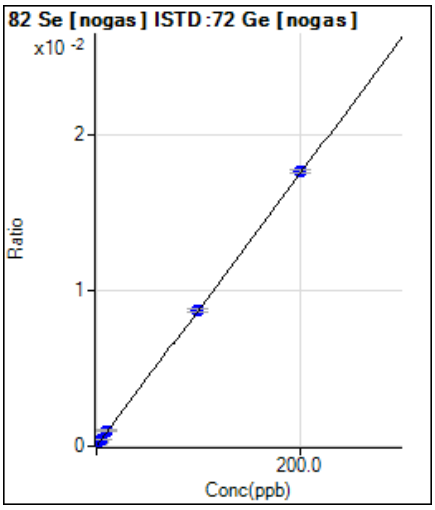
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	258.67	0.0003	P	14.8	
2	☐	2.000	2.042	490.68	0.0006	P	13.4	2.1
3	☐	5.000	4.499	761.35	0.0009	P	0.5	-10.
4	☐	10.000	9.388	1305.38	0.0016	P	3.4	-6.1
5	☐	100.000	99.416	11266.83	0.0138	P	2.3	-0.6
6	☐	200.000	200.335	22092.68	0.0275	P	1.4	0.2
7	☐	1.000						

y = 1.3569E-004 * x + 3.1366E-004
R = 1.0000
DL = 1.03 ppb
BEC = 2.312 ppb

Weight: <None>
Min Conc: <None>

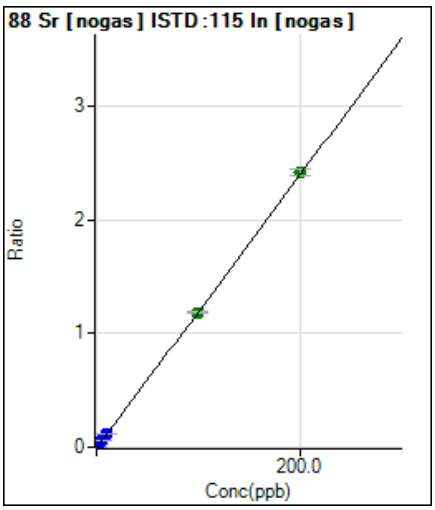


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	180.00	0.0001	P	14.9	
2	☐	2.000	2.133	533.35	0.0003	P	21.2	6.7
3	☐	5.000	3.911	826.70	0.0004	P	4.5	-21.
4	☐	10.000	10.024	1843.45	0.0010	P	12.2	0.2
5	☐	100.000	98.460	16417.64	0.0087	P	2.7	-1.5
6	☐	200.000	200.795	32866.81	0.0177	P	1.2	0.4
7	☐	1.000						

y = 8.7539E-005 * x + 9.4480E-005
R = 0.9999
DL = 0.4823 ppb
BEC = 1.079 ppb

Weight: <None>
Min Conc: <None>

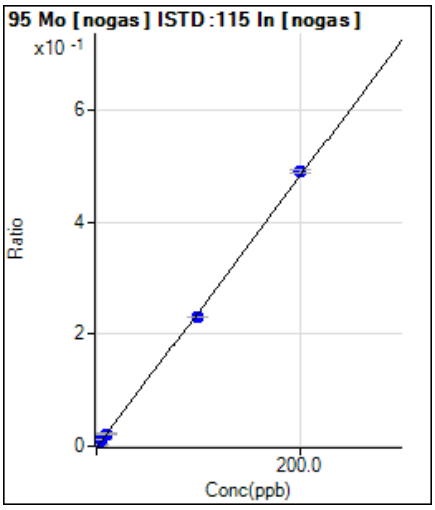
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1926.80	0.0009	P	8.8	
2	☐	2.000	1.934	50206.60	0.0242	P	3.5	-3.3
3	☐	5.000	4.864	120959.28	0.0594	P	1.3	-2.7
4	☐	10.000	9.826	245115.96	0.1190	P	1.0	-1.7
5	☐	100.000	98.245	2379601.11	1.1817	A	0.8	-1.8
6	☐	200.000	200.890	4724265.34	2.4153	A	2.5	0.4
7	☐	1.000						

y = 0.0120 * x + 9.4672E-004
R = 0.9999
DL = 0.02073 ppb
BEC = 0.07877 ppb

Weight: <None>
Min Conc: <None>

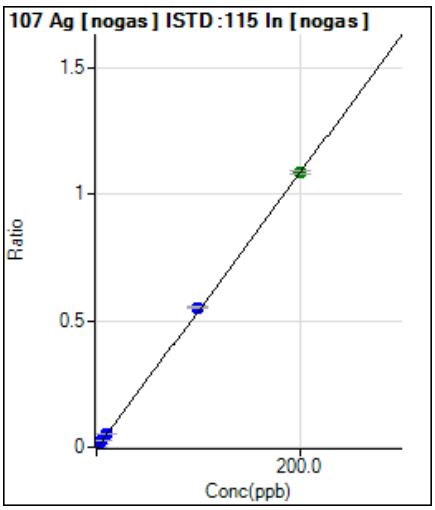


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	103.33	0.0001	P	62.1	
2	☐	2.000	1.766	8982.40	0.0043	P	4.7	-11.
3	☐	5.000	4.438	21980.44	0.0108	P	1.6	-11.
4	☐	10.000	9.038	45173.82	0.0219	P	2.7	-9.6
5	☐	100.000	95.096	463795.77	0.2303	P	1.2	-4.9
6	☐	200.000	202.516	959406.29	0.4904	P	1.7	1.3
7	☐	1.000						

y = 0.0024 * x + 5.0675E-005
R = 0.9996
DL = 0.039 ppb
BEC = 0.02093 ppb

Weight: <None>
Min Conc: <None>

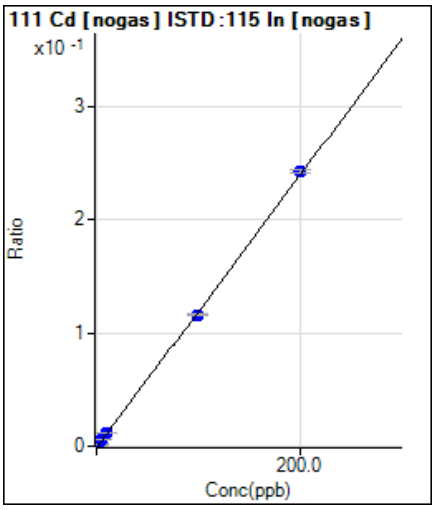
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	73.33	0.0000	P	91.1	
2	☐	2.000	1.891	21453.19	0.0103	P	1.1	-5.4
3	☐	5.000	4.908	54476.83	0.0268	P	0.6	-1.8
4	☐	10.000	9.710	108911.81	0.0529	P	2.0	-2.9
5	☐	100.000	101.371	1111357.01	0.5519	P	0.3	1.4
6	☐	200.000	199.333	2123314.60	1.0851	A	0.7	-0.3
7	☐	1.000						

y = 0.0054 * x + 3.5951E-005
R = 1.0000
DL = 0.01804 ppb
BEC = 0.006604 ppb

Weight: <None>
Min Conc: <None>

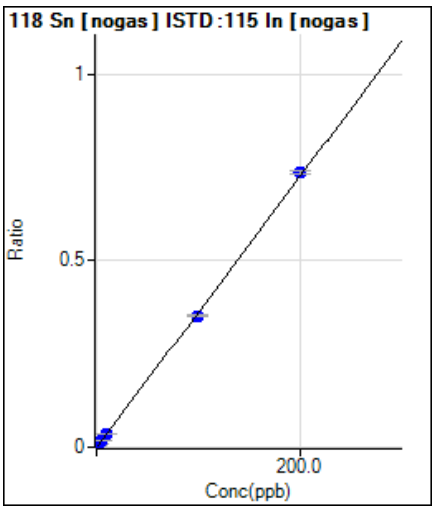


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10.00	0.0000	P	0.9	
2	☐	2.000	1.814	4540.67	0.0022	P	5.5	-9.3
3	☐	5.000	4.666	11437.21	0.0056	P	4.6	-6.7
4	☐	10.000	9.240	22898.45	0.0111	P	2.6	-7.6
5	☐	100.000	96.499	233797.92	0.1161	P	1.4	-3.5
6	☐	200.000	201.799	474965.68	0.2428	P	1.0	0.9
7	☐	1.000						

y = 0.0012 * x + 4.9148E-006
R = 0.9998
DL = 0.0001083 ppb
BEC = 0.004086 ppb

Weight: <None>
Min Conc: <None>

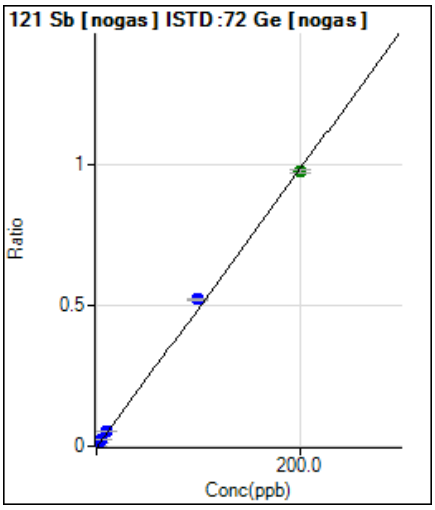
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5150.85	0.0025	P	8.5	
2	☐	2.000	1.710	18169.61	0.0087	P	1.6	-14.
3	☐	5.000	4.617	39337.65	0.0193	P	3.9	-7.7
4	☐	10.000	8.975	72412.07	0.0352	P	1.8	-10.
5	☐	100.000	96.053	708457.36	0.3518	P	0.7	-3.9
6	☐	200.000	202.037	1442179.40	0.7371	P	1.1	1.0
7	☐	1.000						

y = 0.0036 * x + 0.0025
R = 0.9997
DL = 0.1783 ppb
BEC = 0.696 ppb

Weight: <None>
Min Conc: <None>

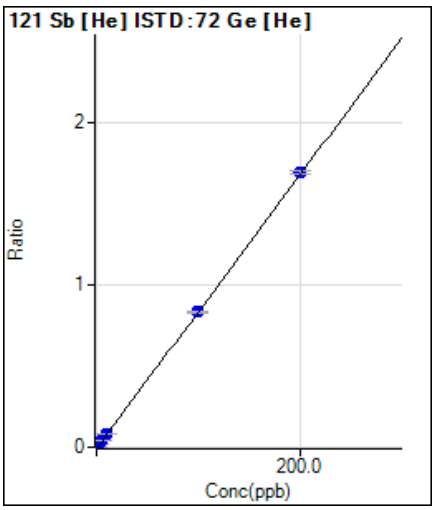


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	513.35	0.0003	P	21.0	
2	☐	2.000	1.958	18913.69	0.0100	P	0.9	-2.1
3	☐	5.000	4.975	47089.97	0.0249	P	2.7	-0.5
4	☐	10.000	10.163	95927.73	0.0506	P	0.6	1.6
5	☐	100.000	105.304	982408.58	0.5213	P	1.4	5.3
6	☐	200.000	197.341	1816663.15	0.9767	A	0.8	-1.3
7	☐	1.000						

y = 0.0049 * x + 2.6962E-004
R = 0.9995
DL = 0.03428 ppb
BEC = 0.05449 ppb

Weight: <None>
Min Conc: <None>

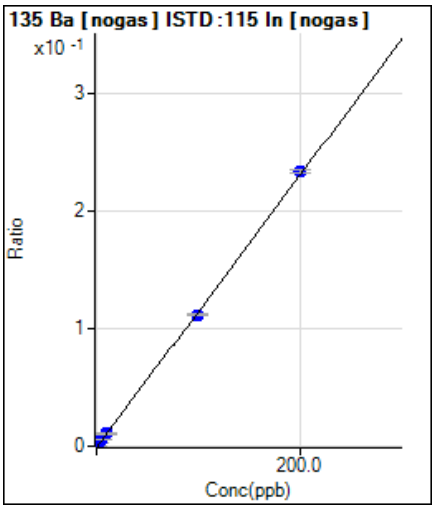
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	340.01	0.0004	P	14.2	
2	☐	2.000	1.838	13221.83	0.0159	P	1.8	-8.1
3	☐	5.000	4.697	32957.99	0.0400	P	0.4	-6.1
4	☐	10.000	9.318	64903.25	0.0790	P	1.4	-6.8
5	☐	100.000	98.595	678652.02	0.8315	P	0.7	-1.4
6	☐	200.000	200.746	1359885.29	1.6925	P	0.8	0.4
7	☐	1.000						

y = 0.0084 * x + 4.1228E-004
R = 1.0000
DL = 0.0208 ppb
BEC = 0.04891 ppb

Weight: <None>
Min Conc: <None>

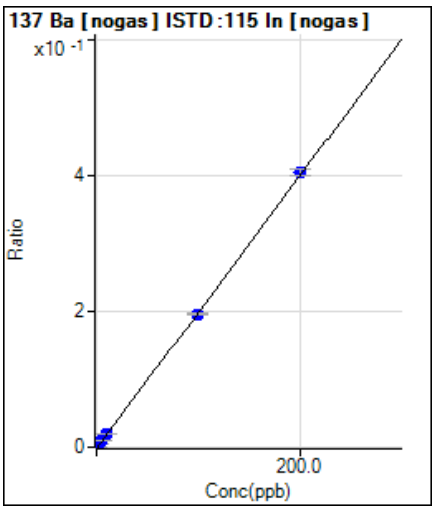


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	190.00	0.0001	P	23.1	
2	☐	2.000	1.821	4564.02	0.0022	P	4.8	-9.0
3	☐	5.000	4.355	10439.96	0.0051	P	3.4	-12.
4	☐	10.000	9.111	21880.79	0.0106	P	3.4	-8.9
5	☐	100.000	96.524	224885.29	0.1117	P	1.1	-3.5
6	☐	200.000	201.800	456571.42	0.2333	P	0.7	0.9
7	☐	1.000						

y = 0.0012 * x + 9.3400E-005
R = 0.9998
DL = 0.05607 ppb
BEC = 0.08081 ppb

Weight: <None>
Min Conc: <None>

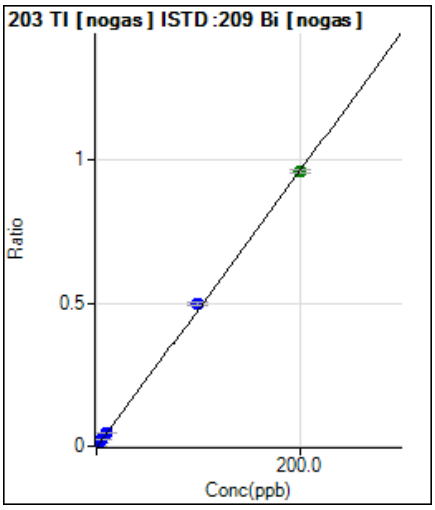
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	293.34	0.0001	P	11.6	
2	☐	2.000	1.854	8031.97	0.0039	P	3.9	-7.3
3	☐	5.000	4.456	18510.16	0.0091	P	1.9	-10.
4	☐	10.000	9.296	38740.23	0.0188	P	2.6	-7.0
5	☐	100.000	97.292	393684.52	0.1955	P	1.2	-2.7
6	☐	200.000	201.404	791360.82	0.4045	P	2.0	0.7
7	☐	1.000						

y = 0.0020 * x + 1.4423E-004
R = 0.9999
DL = 0.02489 ppb
BEC = 0.07183 ppb

Weight: <None>
Min Conc: <None>

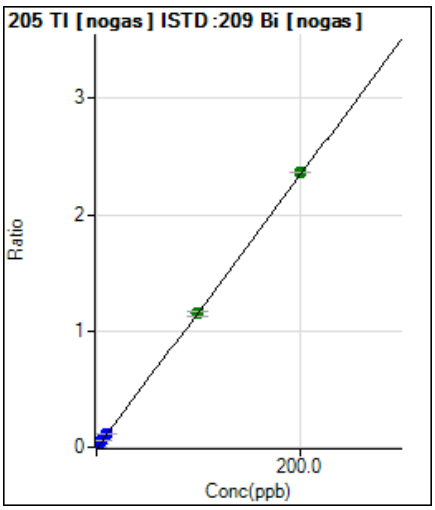


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13.33	0.0000	P	116.	
2	☐	2.000	1.942	16144.91	0.0094	P	2.3	-2.9
3	☐	5.000	4.891	40630.42	0.0237	P	2.1	-2.2
4	☐	10.000	9.660	80800.91	0.0467	P	2.0	-3.4
5	☐	100.000	103.100	846640.15	0.4985	P	2.9	3.1
6	☐	200.000	198.470	1566838.57	0.9596	A	1.5	-0.8
7	☐	1.000						

y = 0.0048 * x + 7.8548E-006
R = 0.9998
DL = 0.005676 ppb
BEC = 0.001625 ppb

Weight: <None>
Min Conc: <None>

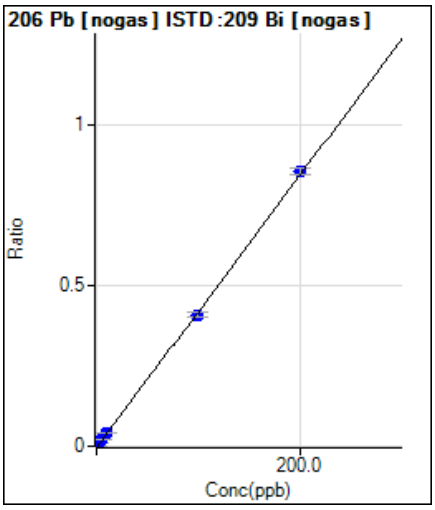
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	80.00	0.0000	P	57.4	
2	☐	2.000	1.949	39417.46	0.0229	P	1.7	-2.6
3	☐	5.000	4.722	95342.05	0.0555	P	2.5	-5.6
4	☐	10.000	9.618	195485.06	0.1130	P	1.9	-3.8
5	☐	100.000	97.631	1947549.03	1.1468	A	4.4	-2.4
6	☐	200.000	201.211	3859128.17	2.3634	A	0.5	0.6
7	☐	1.000						

y = 0.0117 * x + 4.6574E-005
R = 0.9999
DL = 0.00683 ppb
BEC = 0.003965 ppb

Weight: <None>
Min Conc: <None>

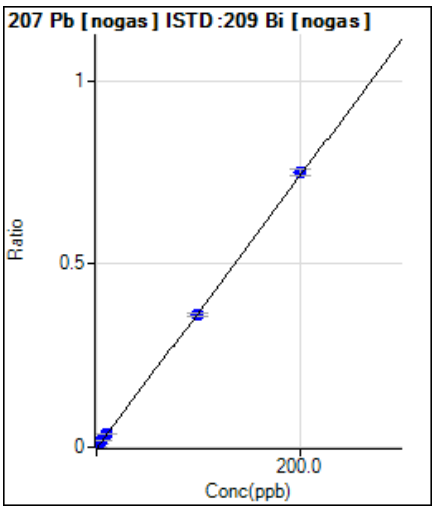


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	173.33	0.0001	P	31.3	
2	☐	2.000	1.919	14116.24	0.0082	P	5.4	-4.0
3	☐	5.000	4.622	33748.29	0.0197	P	3.7	-7.6
4	☐	10.000	9.378	68783.94	0.0398	P	2.8	-6.2
5	☐	100.000	96.519	693500.95	0.4083	P	3.1	-3.5
6	☐	200.000	201.782	1393621.49	0.8535	P	2.1	0.9
7	☐	1.000						

y = 0.0042 * x + 1.0183E-004
R = 0.9998
DL = 0.0226 ppb
BEC = 0.02408 ppb

Weight: <None>
Min Conc: <None>

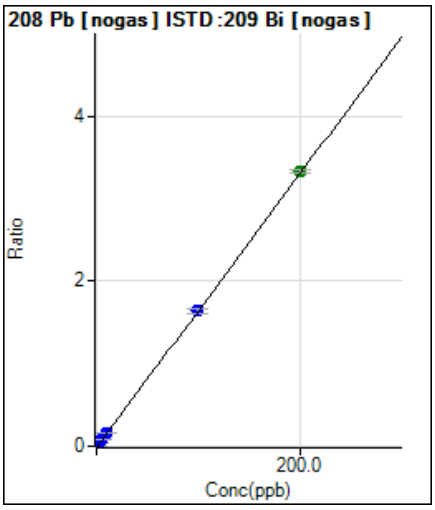
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	133.33	0.0001	P	35.6	
2	☐	2.000	1.848	11944.57	0.0070	P	3.3	-7.6
3	☐	5.000	4.629	29703.77	0.0173	P	4.7	-7.4
4	☐	10.000	9.380	60484.93	0.0350	P	3.5	-6.2
5	☐	100.000	96.896	612395.75	0.3606	P	2.8	-3.1
6	☐	200.000	201.594	1224697.48	0.7501	P	2.5	0.8
7	☐	1.000						

y = 0.0037 * x + 7.7394E-005
R = 0.9998
DL = 0.02224 ppb
BEC = 0.0208 ppb

Weight: <None>
Min Conc: <None>

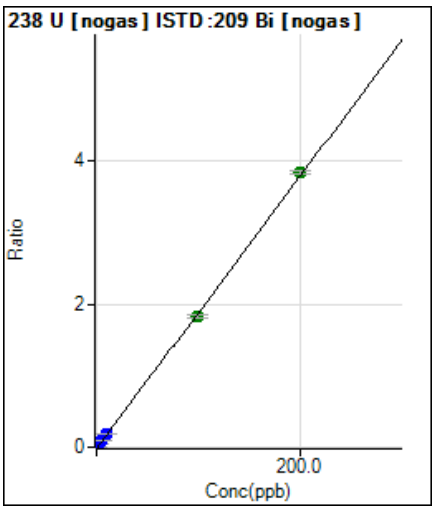


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	586.67	0.0003	P	6.6	
2	☐	2.000	1.910	55136.88	0.0321	P	2.6	-4.5
3	☐	5.000	4.725	135449.97	0.0789	P	3.5	-5.5
4	☐	10.000	9.548	275071.84	0.1590	P	3.1	-4.5
5	☐	100.000	98.641	2785175.90	1.6399	P	3.3	-1.4
6	☐	200.000	200.710	5447794.25	3.3364	A	1.5	0.4
7	☐	1.000						

y = 0.0166 * x + 3.4233E-004
R = 1.0000
DL = 0.004067 ppb
BEC = 0.0206 ppb

Weight: <None>
Min Conc: <None>

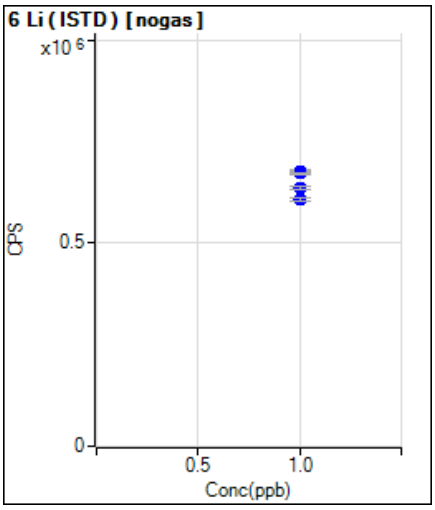
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	63.33	0.0000	P	32.3	
2	☐	2.000	1.882	61598.62	0.0358	P	3.4	-5.9
3	☐	5.000	4.662	152442.12	0.0887	P	2.2	-6.8
4	☐	10.000	9.496	312580.91	0.1807	P	3.0	-5.0
5	☐	100.000	96.183	3108667.97	1.8302	A	2.7	-3.8
6	☐	200.000	201.943	6274504.49	3.8427	A	1.8	1.0
7	☐	1.000						

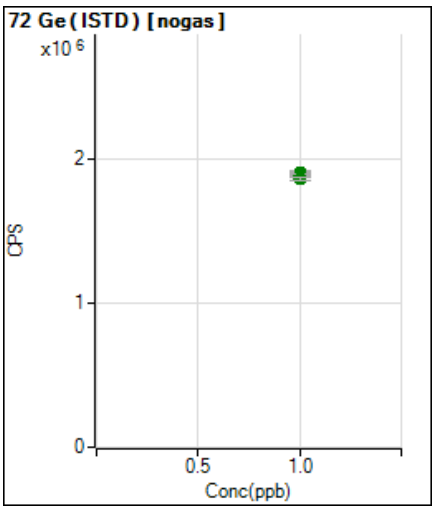
y = 0.0190 * x + 3.6916E-005
R = 0.9998
DL = 0.001879 ppb
BEC = 0.00194 ppb

Weight: <None>
Min Conc: <None>

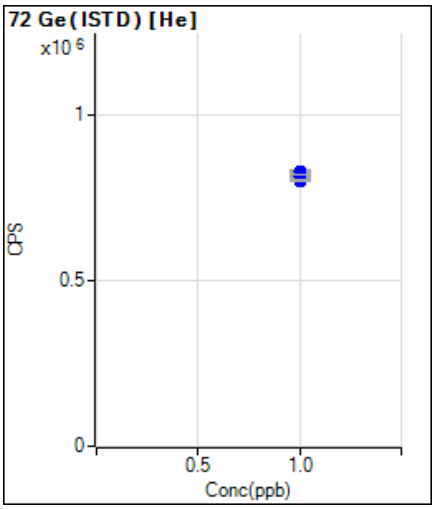


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		676732.31		P	0.7	
2	☐	1.000		672988.60		P	0.7	
3	☐	1.000		675882.94		P	0.6	
4	☐	1.000		671884.39		P	0.6	
5	☐	1.000		635781.59		P	1.0	
6	☐	1.000		608215.20		P	1.4	
7	☐	1.000						

Calibration for 270_ICV.d

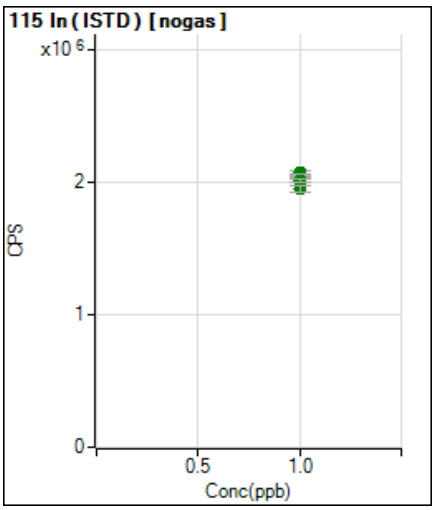


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1905656.07		A	0.7	
2	☐	1.000		1899369.97		A	1.1	
3	☐	1.000		1892473.72		A	1.0	
4	☐	1.000		1897425.18		A	0.7	
5	☐	1.000		1884371.27		A	1.1	
6	☐	1.000		1859940.60		A	1.4	
7	☐	1.000						

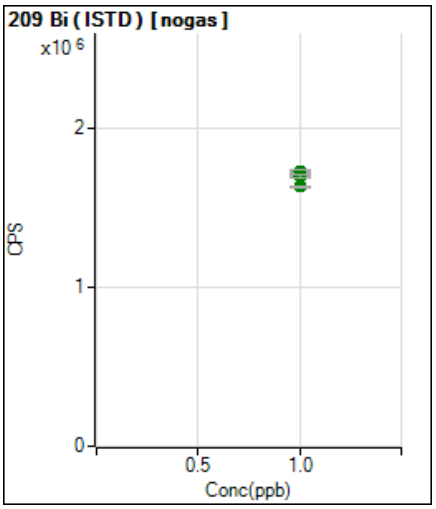


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		825316.11		P	0.9	
2	☐	1.000		831034.10		P	0.8	
3	☐	1.000		823818.04		P	0.4	
4	☐	1.000		822018.19		P	1.4	
5	☐	1.000		816254.52		P	1.1	
6	☐	1.000		803495.02		P	0.5	
7	☐	1.000						

Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2034779.06		A	0.9	
2	☐	1.000		2076693.82		A	1.8	
3	☐	1.000		2036132.32		A	0.2	
4	☐	1.000		2059350.05		A	1.1	
5	☐	1.000		2013816.72		A	1.5	
6	☐	1.000		1956795.92		A	2.6	
7	☐	1.000						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1711742.06		A	2.7	
2	☐	1.000		1718916.12		A	2.2	
3	☐	1.000		1718116.64		A	1.9	
4	☐	1.000		1729966.17		A	1.2	
5	☐	1.000		1698877.37		A	1.2	
6	☐	1.000		1632906.02		A	0.4	
7	☐	1.000						

Initial Calibration Verification (ICV) Report

Sample Table

Sample Name	ICCV
Data File Name	270_ICV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:33:30-06:00
Sample Type	ICV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	96.665	0.618	306348	0.97	100	96.7	90	110	
B	11	1	nogas	500.228	1.233	906332	1.93	500	100.0	90	110	
Al	27	1	nogas	102.660	1.364	1117025	1.38	100	102.7	90	110	
P	31	1	nogas	494.915	1.281	336139	1.22	500	99.0	90	110	
Ti	47	1	nogas	95.878	2.141	126938	2.23	100	95.9	90	110	
Ni	60	1	nogas	98.794	1.420	366836	1.48	100	98.8	90	110	
Cu	63	1	nogas	101.307	1.410	862299	1.42	100	101.3	90	110	
Zn	66	1	nogas	99.210	1.271	254734	1.34	100	99.2	90	110	
Se	77	1	nogas	101.507	1.866	15927	1.59	100	101.5	90	110	
Se	82	1	nogas	95.190	4.315	16114	4.43	100	95.2	90	110	
Sr	88	1	nogas	98.447	2.448	2364174	0.47	100	98.4	90	110	
Mo	95	1	nogas	96.544	3.630	466776	2.22	100	96.5	90	110	
Ag	107	1	nogas	103.197	2.821	1121671	1.30	100	103.2	90	110	
Cd	111	1	nogas	97.900	1.549	235182	1.07	100	97.9	90	110	
Sn	118	1	nogas	97.772	2.354	714897	1.38	100	97.8	90	110	
Sb	121	1	nogas	104.625	1.763	990372	1.85	100	104.6	90	110	
Ba	137	1	nogas	99.818	2.932	400443	1.87	100	99.8	90	110	
Tl	205	1	nogas	98.433	3.325	1943398	1.15	100	98.4	90	110	
Pb	208	1	nogas	99.548	3.696	2781649	1.76	100	99.5	90	110	
U	238	1	nogas	95.798	2.999	3064309	1.32	100	95.8	90	110	
Li	7	1	nogas	101.283	0.767	1005669	0.57	100	101.3	90	110	
Si	28	1	nogas	5020.025	1.295	3255482	1.23	5000	100.4	90	110	
Ba	135	1	nogas	98.766	2.772	228144	2.51	100	98.8	90	110	
Tl	203	1	nogas	104.309	3.881	847645	1.99	100	104.3	90	110	
Na	23	2	He	9839.305	0.452	11379436	0.40	10000	98.4	90	110	
Mg	24	2	He	9927.402	0.639	7277028	0.32	10000	99.3	90	110	
Al	27	2	He	99.091	1.611	59289	1.57	100	99.1	90	110	
K	39	2	He	9967.322	0.602	10737869	0.32	10000	99.7	90	110	
Ca	43	2	He	10046.374	2.114	33924	1.53	10000	100.5	90	110	
Ca	44	2	He	9882.835	0.602	556635	0.33	10000	98.8	90	110	
V	51	2	He	97.020	0.581	664078	0.48	100	97.0	90	110	
Cr	52	2	He	99.202	0.207	706212	0.64	100	99.2	90	110	
Mn	55	2	He	97.861	0.473	585551	1.13	100	97.9	90	110	
Fe	56	2	He	9796.017	0.852	60084747	0.97	10000	98.0	90	110	
Co	59	2	He	103.134	0.211	960149	0.69	100	103.1	90	110	
Ni	60	2	He	98.761	0.479	241377	0.39	100	98.8	90	110	
Cu	63	2	He	97.940	0.778	607689	0.69	100	97.9	90	110	
Zn	66	2	He	98.384	0.639	136533	0.31	100	98.4	90	110	
As	75	2	He	97.342	0.856	107387	0.37	100	97.3	90	110	
Sb	121	2	He	97.706	0.245	685894	0.77	100	97.7	90	110	
Se	78	2	He	98.267	1.800	11361	2.13	100	98.3	90	110	
Ti	47	2	He	96.296	2.479	28455	1.85	100	96.3	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1912041	0.16	1905656	100.34	70	120	
In	115	1	nogas	1997229	2.00	2034779	98.15	70	120	
Li	6	1	nogas	642121	1.21	676732	94.89	70	120	
Bi	209	1	nogas	1681688	2.26	1711742	98.24	70	120	
Ge	72	2	He	832436	0.85	825316	100.86	70	120	

Calibration Blank Report

Sample Table

Sample Name	CAL BLK
Data File Name	008CALB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:34:33-06:00
Sample Type	CalBlk
Level	1
Dilution	1
Comment	

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	13	162.38
B	11	1	nogas	3692	0.09
Al	27	1	nogas	54014	0.01
P	31	1	nogas	18031	0.04
Ti	47	1	nogas	140	15.31
Ni	60	1	nogas	640	1.91
Cu	63	1	nogas	1430	0.27
Zn	66	1	nogas	1390	0.86
Se	77	1	nogas	5131	0.12
Se	82	1	nogas	203	9.16
Sr	88	1	nogas	2520	0.13
Mo	95	1	nogas	250	2.77
Ag	107	1	nogas	67	90.93
Cd	111	1	nogas	13	649.52
Sn	118	1	nogas	4157	0.86
Sb	121	1	nogas	1170	0.55
Ba	137	1	nogas	407	3.04
Tl	205	1	nogas	197	2.99
Pb	208	1	nogas	1123	0.85
Li	7	1	nogas	84168	0.00
Si	28	1	nogas	391600	0.00
Na	23	2	He	33857	0.01
Mg	24	2	He	1703	0.26
Al	27	2	He	4914	0.18
K	39	2	He	116639	0.00
Ca	43	2	He	160	11.72
Ca	44	2	He	2830	0.21
V	51	2	He	7198	0.05
Cr	52	2	He	4467	0.05
Mn	55	2	He	2827	0.31
Fe	56	2	He	35297	0.01
Co	59	2	He	240	3.47
Ni	60	2	He	450	3.95
Cu	63	2	He	960	1.99
Zn	66	2	He	953	0.61
As	75	2	He	389	2.58
Sb	121	2	He	1033	0.64
Se	78	2	He	499	0.41

Calibration Blank Report

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Ge	72	1	nogas	2988431	1.59

Calibration Blank Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
In	115	1	nogas	3430137	0.79
Li	6	1	nogas	1187992	1.84
Bi	209	1	nogas	3030667	2.53
Ge	72	2	He	1591743	2.43

Calibration Standard Report

Sample Table

Sample Name	2/10/200
Data File Name	009CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:36:34-06:00
Sample Type	CalStd
Level	2
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	9609	0.03
B	11	1	nogas	35703	0.01
Al	27	1	nogas	83797	0.00
P	31	1	nogas	26409	0.00
Ti	47	1	nogas	4021	0.15
Ni	60	1	nogas	11931	0.03
Cu	63	1	nogas	27644	0.01
Zn	66	1	nogas	8069	0.05
Se	77	1	nogas	5398	0.04
Se	82	1	nogas	597	1.78
Sr	88	1	nogas	75160	0.00
Mo	95	1	nogas	14439	0.03
Ag	107	1	nogas	34480	0.00
Cd	111	1	nogas	7072	0.09
Sn	118	1	nogas	23853	0.01
Sb	121	1	nogas	28386	0.01
Ba	137	1	nogas	11804	0.01
Tl	205	1	nogas	64373	0.00
Pb	208	1	nogas	90753	0.00
Si	28	1	nogas	472645	0.00
Na	23	2	He	551081	0.00
Mg	24	2	He	340593	0.00
Al	27	2	He	6875	0.10
K	39	2	He	619121	0.00
Ca	43	2	He	1567	0.59
Ca	44	2	He	26446	0.00
V	51	2	He	30528	0.00
Cr	52	2	He	30295	0.01
Mn	55	2	He	26856	0.00
Fe	56	2	He	2371494	0.00
Co	59	2	He	33324	0.00
Ni	60	2	He	8195	0.04
Cu	63	2	He	21726	0.01
Zn	66	2	He	5071	0.17
As	75	2	He	3748	0.15
Sb	121	2	He	22501	0.01
Se	78	2	He	911	0.18

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3011293	1.52	2988431	100.77	70	120	
In	115	1	nogas	3492989	1.01	3430137	101.83	70	120	
Li	6	1	nogas	1187475	0.56	1187992	99.96	70	120	
Bi	209	1	nogas	3059933	2.68	3030667	100.97	70	120	
Ge	72	2	He	1571907	1.61	1591743	98.75	70	120	

Calibration Standard Report

Sample Table

Sample Name	5/25/500
Data File Name	010CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:38:34-06:00
Sample Type	CalStd
Level	3
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	23781	0.01
B	11	1	nogas	82837	0.00
Al	27	1	nogas	134630	0.00
P	31	1	nogas	40226	0.00
Ti	47	1	nogas	9389	0.01
Ni	60	1	nogas	27791	0.01
Cu	63	1	nogas	65483	0.00
Zn	66	1	nogas	18203	0.01
Se	77	1	nogas	5938	0.15
Se	82	1	nogas	1373	0.06
Sr	88	1	nogas	183304	0.00
Mo	95	1	nogas	33976	0.01
Ag	107	1	nogas	85029	0.00
Cd	111	1	nogas	17412	0.03
Sn	118	1	nogas	55946	0.00
Sb	121	1	nogas	69390	0.00
Ba	137	1	nogas	28657	0.00
Tl	205	1	nogas	158582	0.00
Pb	208	1	nogas	221087	0.00
Si	28	1	nogas	599566	0.00
Na	23	2	He	1297723	0.00
Mg	24	2	He	834107	0.00
Al	27	2	He	10710	0.02
K	39	2	He	1343693	0.00
Ca	43	2	He	3540	0.20
Ca	44	2	He	61765	0.00
V	51	2	He	65307	0.00
Cr	52	2	He	66010	0.00
Mn	55	2	He	58007	0.00
Fe	56	2	He	5620126	0.00
Co	59	2	He	81449	0.00
Ni	60	2	He	19814	0.02
Cu	63	2	He	49283	0.00
Zn	66	2	He	11434	0.05
As	75	2	He	8562	0.03
Sb	121	2	He	53980	0.00
Se	78	2	He	1623	0.04

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3011432	0.80	2988431	100.77	70	120	
In	115	1	nogas	3403103	2.18	3430137	99.21	70	120	
Li	6	1	nogas	1154237	1.43	1187992	97.16	70	120	
Bi	209	1	nogas	3012957	1.49	3030667	99.42	70	120	
Ge	72	2	He	1581999	2.09	1591743	99.39	70	120	

Calibration Standard Report

Sample Table

Sample Name	10/50/1000
Data File Name	011CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:40:34-06:00
Sample Type	CalStd
Level	4
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	46075	0.00
B	11	1	nogas	163429	0.00
Al	27	1	nogas	225132	0.00
P	31	1	nogas	65417	0.00
Ti	47	1	nogas	18643	0.01
Ni	60	1	nogas	55413	0.00
Cu	63	1	nogas	128961	0.00
Zn	66	1	nogas	34893	0.00
Se	77	1	nogas	6881	0.10
Se	82	1	nogas	2657	0.28
Sr	88	1	nogas	364507	0.00
Mo	95	1	nogas	68109	0.00
Ag	107	1	nogas	169810	0.00
Cd	111	1	nogas	35152	0.01
Sn	118	1	nogas	109613	0.00
Sb	121	1	nogas	135589	0.00
Ba	137	1	nogas	57258	0.01
Tl	205	1	nogas	319755	0.00
Pb	208	1	nogas	443680	0.00
Si	28	1	nogas	816317	0.00
Na	23	2	He	2468311	0.00
Mg	24	2	He	1605750	0.00
Al	27	2	He	18222	0.02
K	39	2	He	2509286	0.00
Ca	43	2	He	7198	0.03
Ca	44	2	He	121343	0.00
V	51	2	He	122966	0.00
Cr	52	2	He	128178	0.00
Mn	55	2	He	116929	0.00
Fe	56	2	He	11145480	0.00
Co	59	2	He	163385	0.00
Ni	60	2	He	40398	0.00
Cu	63	2	He	97329	0.00
Zn	66	2	He	21526	0.02
As	75	2	He	16843	0.01
Sb	121	2	He	108744	0.00
Se	78	2	He	2656	0.13

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3028013	1.55	2988431	101.32	70	120	
In	115	1	nogas	3467870	0.91	3430137	101.10	70	120	
Li	6	1	nogas	1165189	2.66	1187992	98.08	70	120	
Bi	209	1	nogas	3074523	1.84	3030667	101.45	70	120	
Ge	72	2	He	1571573	0.96	1591743	98.73	70	120	

Calibration Standard Report

Sample Table

Sample Name	100/500/10K
Data File Name	012CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:42:35-06:00
Sample Type	CalStd
Level	5
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	470999	0.00
B	11	1	nogas	1488533	0.00
Al	27	1	nogas	1605209	0.00
P	31	1	nogas	474595	0.00
Ti	47	1	nogas	190575	0.00
Ni	60	1	nogas	536898	0.00
Cu	63	1	nogas	1243403	0.00
Zn	66	1	nogas	341655	0.00
Se	77	1	nogas	22224	0.00
Se	82	1	nogas	24210	0.01
Sr	88	1	nogas	3464618	0.00
Mo	95	1	nogas	686705	0.00
Ag	107	1	nogas	1628674	0.00
Cd	111	1	nogas	348693	0.00
Sn	118	1	nogas	1059662	0.00
Sb	121	1	nogas	1355101	0.00
Ba	137	1	nogas	566764	0.00
Tl	205	1	nogas	3072694	0.00
Pb	208	1	nogas	4301892	0.00
Si	28	1	nogas	4408999	0.00
Na	23	2	He	23839631	0.00
Mg	24	2	He	15286501	0.00
Al	27	2	He	137822	0.00
K	39	2	He	23068120	0.00
Ca	43	2	He	72249	0.00
Ca	44	2	He	1179123	0.00
V	51	2	He	1180404	0.00
Cr	52	2	He	1225626	0.00
Mn	55	2	He	1134118	0.00
Fe	56	2	He	108916842	0.00
Co	59	2	He	1521329	0.00
Ni	60	2	He	386835	0.00
Cu	63	2	He	959132	0.00
Zn	66	2	He	215923	0.00
As	75	2	He	164485	0.00
Sb	121	2	He	1076845	0.00
Se	78	2	He	21967	0.00

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2962674	1.50	2988431	99.14	70	120	
In	115	1	nogas	3382108	0.80	3430137	98.60	70	120	
Li	6	1	nogas	1119478	1.01	1187992	94.23	70	120	
Bi	209	1	nogas	2947483	2.12	3030667	97.26	70	120	
Ge	72	2	He	1537651	1.48	1591743	96.60	70	120	

Calibration Standard Report

Sample Table

Sample Name	200/1000/20K
Data File Name	013CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:44:30-06:00
Sample Type	CalStd
Level	6
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	968285	0.00
B	11	1	nogas	3084533	0.00
Al	27	1	nogas	3220630	0.00
P	31	1	nogas	954846	0.00
Ti	47	1	nogas	396058	0.00
Ni	60	1	nogas	1088435	0.00
Cu	63	1	nogas	2441077	0.00
Zn	66	1	nogas	693458	0.00
Se	77	1	nogas	41190	0.00
Se	82	1	nogas	47061	0.00
Sr	88	1	nogas	7092392	0.00
Mo	95	1	nogas	1373355	0.00
Ag	107	1	nogas	3281543	0.00
Cd	111	1	nogas	712262	0.00
Sn	118	1	nogas	2068599	0.00
Sb	121	1	nogas	2592887	0.00
Ba	137	1	nogas	1167815	0.00
Tl	205	1	nogas	6247133	0.00
Pb	208	1	nogas	8491788	0.00
Si	28	1	nogas	8673146	0.00
Na	23	2	He	48301781	0.00
Mg	24	2	He	31442707	0.00
Al	27	2	He	279108	0.00
K	39	2	He	47974863	0.00
Ca	43	2	He	147088	0.00
Ca	44	2	He	2366902	0.00
V	51	2	He	2280287	0.00
Cr	52	2	He	2401082	0.00
Mn	55	2	He	2216450	0.00
Fe	56	2	He	225082943	0.00
Co	59	2	He	3055609	0.00
Ni	60	2	He	783765	0.00
Cu	63	2	He	1892655	0.00
Zn	66	2	He	433903	0.00
As	75	2	He	335648	0.00
Sb	121	2	He	2052214	0.00
Se	78	2	He	43760	0.00

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2963760	0.39	2988431	99.17	70	120	
In	115	1	nogas	3304749	1.25	3430137	96.34	70	120	
Li	6	1	nogas	1049027	4.33	1187992	88.30	70	120	
Bi	209	1	nogas	2858493	0.31	3030667	94.32	70	120	
Ge	72	2	He	1527101	2.78	1591743	95.94	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV2
Data File Name	016LCV2.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:50:18-06:00
Sample Type	LLCCV2
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	1.834	5.835	9803	3.80	2	91.7	70	120	
B	11	1	nogas	23.456	5.030	83286	7.06	10	234.6	70	120	NewName Main CR1 Failed
Al	27	1	nogas	1.966	4.709	88422	0.83	2	98.3	70	120	
P	31	1	nogas	10.041	11.708	28488	5.11	10	100.4	70	120	
Ti	47	1	nogas	1.935	8.279	4117	7.39	2	96.7	70	120	
Ni	60	1	nogas	2.013	1.696	12077	1.08	2	100.6	70	120	
Cu	63	1	nogas	2.174	1.893	29317	1.62	2	108.7	70	120	
Zn	66	1	nogas	2.074	4.982	8919	3.88	2	103.7	70	120	
Se	77	1	nogas	-9.133	-10.838	3617	5.49	2	-456.7	70	120	NewName Main CR1 Failed
Se	82	1	nogas	2.721	17.386	880	12.81	2	136.0	70	120	NewName Main CR1 Failed
Sr	88	1	nogas	2.085	1.553	79424	1.42	2	104.2	70	120	
Mo	95	1	nogas	2.573	6.316	18710	5.95	2	128.6	70	120	NewName Main CR1 Failed
Ag	107	1	nogas	2.075	2.114	35579	1.68	2	103.7	70	120	
Cd	111	1	nogas	1.970	3.861	7312	3.93	2	98.5	70	120	
Sn	118	1	nogas	2.276	3.107	28867	2.79	2	113.8	70	120	
Sb	121	1	nogas	2.190	4.405	31151	3.16	2	109.5	70	120	
Ba	137	1	nogas	1.967	4.213	12335	4.19	2	98.3	70	120	
Tl	205	1	nogas	2.227	5.049	74204	5.54	2	111.4	70	120	
Pb	208	1	nogas	2.041	4.317	93794	1.73	2	102.1	70	120	
Pb	206	1	nogas	2.049	2.279	23317	0.38	2	102.5	70	120	
Pb	207	1	nogas	1.987	7.085	19982	4.46	2	99.3	70	120	
U	238	1	nogas	1.974	2.335	110133	1.17	2	98.7	70	120	
Li	7	1	nogas	2.120	9.859	118118	0.78	2	106.0	70	120	
Ba	135	1	nogas	1.993	3.603	7115	3.79	2	99.7	70	120	
Tl	203	1	nogas	2.260	2.515	31127	3.05	2	113.0	70	120	
Na	23	2	He	210.418	1.103	562999	0.29	200	105.2	70	120	
Mg	24	2	He	212.154	0.613	348216	0.62	200	106.1	70	120	
Al	27	2	He	1.566	8.804	7168	1.80	2	78.3	70	120	
K	39	2	He	208.554	1.236	634089	0.24	200	104.3	70	120	
Ca	43	2	He	199.252	3.095	1683	1.82	200	99.6	70	120	
Ca	44	2	He	195.009	2.361	26900	1.81	200	97.5	70	120	
V	51	2	He	1.781	1.871	28506	0.66	2	89.1	70	120	
Cr	52	2	He	2.026	3.495	29931	1.91	2	101.3	70	120	
Mn	55	2	He	2.130	0.866	27584	1.83	2	106.5	70	120	
Fe	56	2	He	204.052	0.551	2418683	0.86	200	102.0	70	120	
Co	59	2	He	2.157	0.939	34639	0.98	2	107.9	70	120	
Ni	60	2	He	2.046	0.513	8802	1.31	2	102.3	70	120	
Cu	63	2	He	2.091	4.617	21670	3.62	2	104.5	70	120	
Zn	66	2	He	1.938	6.258	5331	4.09	2	96.9	70	120	
As	75	2	He	2.026	3.246	3924	3.53	2	101.3	70	120	
Se	77	2	He	2.486	58.881	330	31.93	2	124.3	70	120	NewName Main CR1 Failed
Sb	121	2	He	2.170	3.981	24504	2.90	2	108.5	70	120	
Se	78	2	He	2.639	8.377	1096	3.55	2	132.0	70	120	NewName Main CR1 Failed
Ti	47	2	He	1.945	15.672	1183	15.41	2	97.2	70	120	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3098938	1.12	2988431	103.70	70	120	
In	115	1	nogas	3469020	0.44	3430137	101.13	70	120	
Li	6	1	nogas	1177253	2.25	1187992	99.10	70	120	
Bi	209	1	nogas	3069008	2.54	3030667	101.27	70	120	
Ge	72	2	He	1596765	1.08	1591743	100.32	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV5
Data File Name	017LCV5.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:52:18-06:00
Sample Type	LLCCV5
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	4.514	2.216	24125	2.68	5	90.3	70	130	
B	11	1	nogas	30.020	0.693	105509	1.13	25	120.1	70	130	
Al	27	1	nogas	4.987	2.427	136656	0.47	5	99.7	70	130	
P	31	1	nogas	24.339	5.526	41917	2.15	25	97.4	70	130	
Ti	47	1	nogas	4.602	1.545	9486	2.07	5	92.0	70	130	
Ni	60	1	nogas	4.895	0.758	28095	0.25	5	97.9	70	130	
Cu	63	1	nogas	5.209	0.749	67376	1.59	5	104.2	70	130	
Zn	66	1	nogas	4.784	3.069	18476	3.79	5	95.7	70	130	
Se	77	1	nogas	-4.336	-10.823	4461	2.72	5	-86.7	70	130	NewName Main CR1 Failed
Se	82	1	nogas	5.144	5.104	1460	4.79	5	102.9	70	130	
Sr	88	1	nogas	4.953	0.460	186373	1.67	5	99.1	70	130	
Mo	95	1	nogas	4.921	2.707	35779	1.50	5	98.4	70	130	
Ag	107	1	nogas	5.036	2.086	86814	1.10	5	100.7	70	130	
Cd	111	1	nogas	4.779	1.519	17833	0.90	5	95.6	70	130	
Sn	118	1	nogas	4.924	2.410	57932	3.36	5	98.5	70	130	
Sb	121	1	nogas	5.128	1.202	70501	2.10	5	102.6	70	130	
Ba	137	1	nogas	4.585	1.102	28383	0.16	5	91.7	70	130	
Tl	205	1	nogas	4.833	0.377	161135	1.01	5	96.7	70	130	
Pb	208	1	nogas	4.904	1.512	224361	0.36	5	98.1	70	130	
U	238	1	nogas	4.691	1.536	262234	0.48	5	93.8	70	130	
Li	7	1	nogas	4.917	0.961	164026	0.21	5	98.3	70	130	
Si	28	1	nogas	249.110	1.241	613449	0.60	25	996.4	70	130	NewName Main CR1 Failed
Na	23	2	He	483.197	2.456	1262550	0.92	500	96.6	70	130	
Mg	24	2	He	510.269	2.828	844253	1.35	500	102.1	70	130	
Al	27	2	He	4.377	2.110	11297	1.03	5	87.5	70	130	
K	39	2	He	484.844	2.153	1333719	1.59	500	97.0	70	130	
Ca	43	2	He	441.773	2.093	3577	1.41	500	88.4	70	130	
Ca	44	2	He	475.357	3.023	62160	1.48	500	95.1	70	130	
V	51	2	He	4.684	2.480	63897	0.57	5	93.7	70	130	
Cr	52	2	He	4.848	2.370	66131	0.73	5	97.0	70	130	
Mn	55	2	He	4.852	1.899	59857	0.20	5	97.0	70	130	
Fe	56	2	He	480.126	1.469	5705579	0.56	500	96.0	70	130	
Co	59	2	He	5.088	4.345	82246	2.61	5	101.8	70	130	
Ni	60	2	He	4.819	3.264	20341	3.64	5	96.4	70	130	
Cu	63	2	He	5.024	0.621	51302	1.96	5	100.5	70	130	
Zn	66	2	He	4.657	1.905	11604	3.02	5	93.1	70	130	
As	75	2	He	4.690	1.521	8663	0.35	5	93.8	70	130	
Sb	121	2	He	4.935	1.703	55029	1.32	5	98.7	70	130	
Se	78	2	He	4.917	7.639	1629	5.94	5	98.3	70	130	
Ti	47	2	He	4.664	2.332	2857	3.90	5	93.3	70	130	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3062872	0.97	2988431	102.49	70	120	
In	115	1	nogas	3491029	1.22	3430137	101.78	70	120	
Li	6	1	nogas	1177425	0.56	1187992	99.11	70	120	
Bi	209	1	nogas	3076008	1.31	3030667	101.50	70	120	
Ge	72	2	He	1614645	1.68	1591743	101.44	70	120	

Initial Calibration Blank (ICB) Report

Sample Table

Sample Name	ICB
Data File Name	018_ICB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:54:19-06:00
Sample Type	ICB
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.008	8.5	55	9.1	1	
B	11	1	nogas	5.470	9.0	22522	4.3	10	
Al	27	1	nogas	0.140	53.9	57534	2.0	5	
P	31	1	nogas	0.191	177.6	18629	3.4	10	
Ti	47	1	nogas	-0.028	-34.3	87	24.0	2.5	
Ni	60	1	nogas	-0.037	-43.8	450	21.4	2.5	
Cu	63	1	nogas	-0.010	-38.1	1337	2.6	1	
Zn	66	1	nogas	-0.123	-19.5	983	9.2	2.5	
Se	77	1	nogas	-10.096	-15.3	3394	9.8	2.5	
Se	82	1	nogas	0.217	76.0	260	13.9	1	
Sr	88	1	nogas	-0.002	-58.6	2474	2.1	2.5	
Mo	95	1	nogas	0.113	29.6	1060	21.3	2.5	
Ag	107	1	nogas	0.016	25.1	337	20.9	2.5	
Cd	111	1	nogas	0.000	-39716.8	13	114.6	1	
Sn	118	1	nogas	-0.075	-5.7	3390	2.5	5	
Sb	121	1	nogas	0.040	19.3	1730	4.7	2.5	
Ba	137	1	nogas	0.006	181.0	447	14.6	2.5	
Tl	205	1	nogas	0.036	34.1	1387	30.3	1	
Pb	208	1	nogas	-0.003	-59.6	973	10.0	2.5	
U	238	1	nogas	0.004	43.9	343	27.1	2.5	
Si	28	1	nogas	-1.636	-360.5	399273	0.6	5	
Na	23	2	He	-0.777	-47.7	31777	1.5	100	
Mg	24	2	He	0.001	9359.4	1697	9.4	100	
Al	27	2	He	-0.271	-72.5	4517	5.5	5	
K	39	2	He	0.229	315.7	116730	1.3	100	
Ca	43	2	He	-6.471	-20.6	110	9.1	100	
Ca	44	2	He	-0.097	-685.6	2810	5.0	100	
V	51	2	He	-0.224	-3.9	4515	4.3	2.5	
Cr	52	2	He	-0.041	-30.2	3930	3.4	2.5	
Mn	55	2	He	-0.079	-10.0	1907	5.4	2.5	
Fe	56	2	He	0.527	31.1	41253	2.7	100	
Co	59	2	He	0.004	106.6	303	21.9	2.5	
Ni	60	2	He	-0.042	-19.0	280	9.5	2.5	
Cu	63	2	He	-0.022	-26.7	740	6.2	1	
Zn	66	2	He	-0.159	-1.9	593	2.6	2.5	
As	75	2	He	-0.022	-75.6	350	8.1	2.5	
Sb	121	2	He	0.025	24.4	1297	3.1	2.5	
Se	78	2	He	0.114	151.0	522	6.0	1	
Ti	47	2	He	0.000	5627.6	10	100.0	2.5	

Initial Calibration Blank (ICB) Report

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3057519	1.77	2988431	102.31	70	120	
In	115	1	nogas	3461401	1.24	3430137	100.91	70	120	
Li	6	1	nogas	1195400	3.28	1187992	100.62	70	120	
Bi	209	1	nogas	3022052	1.00	3030667	99.72	70	120	
Ge	72	2	He	1584742	2.13	1591743	99.56	70	120	

Interference Check Solution A (ICS-A) Report

Sample Table

Sample Name	ICSA
Data File Name	020ICSA.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:58:20-06:00
Sample Type	ICSA
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.004	56.7	35	37.8	0	ICSA Main CR1 Failed
B	11	1	nogas	4.925	3.4	19098	4.2	0	ICSA Main CR1 Failed
Al	27	1	nogas	96638.077	2.8	1491299658	0.4	0	
P	31	1	nogas	90691.927	2.1	82732674	0.3	0	
Ti	47	1	nogas	1924.443	2.4	3697974	0.3	0	
Ni	60	1	nogas	0.876	4.8	5274	6.7	0	ICSA Main CR1 Failed
Cu	63	1	nogas	1.059	1.1	14069	1.5	0	ICSA Main CR1 Failed
Zn	66	1	nogas	1.668	7.8	6975	5.9	0	ICSA Main CR1 Failed
Se	77	1	nogas	10.278	20.4	6781	7.0	0	
Se	82	1	nogas	0.417	68.1	293	22.7	0	ICSA Main CR1 Failed
Sr	88	1	nogas	0.996	3.2	35946	4.5	0	ICSA Main CR1 Failed
Mo	95	1	nogas	1943.705	1.4	12756169	1.0	0	
Ag	107	1	nogas	0.016	27.8	313	23.1	0	ICSA Main CR1 Failed
Cd	111	1	nogas	1.892	1.7	6425	1.0	0	ICSA Main CR1 Failed
Sn	118	1	nogas	-0.011	-137.4	3747	3.1	0	ICSA Main CR1 Failed
Sb	121	1	nogas	0.047	30.7	1737	9.7	0	ICSA Main CR1 Failed
Ba	137	1	nogas	0.048	15.4	643	7.3	0	ICSA Main CR1 Failed
Tl	205	1	nogas	0.009	33.8	423	19.7	0	ICSA Main CR1 Failed
Pb	208	1	nogas	0.033	18.5	2273	10.6	0	ICSA Main CR1 Failed
Si	28	1	nogas	219.997	5.5	557301	1.0	0	
Na	23	2	He	101756.714	1.6	237035236	0.5	0	
Mg	24	2	He	101198.501	0.6	153139208	1.4	0	
Al	27	2	He	89532.478	1.6	118135942	0.8	0	
K	39	2	He	100793.396	2.4	231596403	1.8	0	
Ca	43	2	He	95600.358	1.9	677252	1.0	0	
Ca	44	2	He	96584.571	1.9	11041026	0.9	0	
V	51	2	He	-0.116	-18.0	5403	3.4	0	ICSA Main CR1 Failed
Cr	52	2	He	0.934	0.4	15030	1.5	0	ICSA Main CR1 Failed
Mn	55	2	He	0.129	9.2	4017	2.2	0	ICSA Main CR1 Failed
Fe	56	2	He	99341.933	2.4	1074787024	0.8	0	
Co	59	2	He	0.224	9.2	3530	9.4	0	ICSA Main CR1 Failed
Ni	60	2	He	0.274	18.0	1453	11.7	0	ICSA Main CR1 Failed
Cu	63	2	He	0.227	7.8	2977	5.8	0	ICSA Main CR1 Failed
Zn	66	2	He	0.635	13.8	2214	7.5	0	ICSA Main CR1 Failed
As	75	2	He	0.199	13.0	683	6.1	0	ICSA Main CR1 Failed
Sb	121	2	He	0.029	44.7	1253	11.3	0	ICSA Main CR1 Failed
Se	78	2	He	0.249	45.1	516	4.9	0	ICSA Main CR1 Failed
Ti	47	2	He	1927.208	1.6	1077393	0.8	0	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2900360	2.42	2988431	97.05	70	120	
In	115	1	nogas	3173346	1.40	3430137	92.51	70	120	
Li	6	1	nogas	1103945	3.33	1187992	92.93	70	120	
Bi	209	1	nogas	2639409	0.53	3030667	87.09	70	120	
Ge	72	2	He	1479416	1.66	1591743	92.94	70	120	

Interference Check Solution AB (ICS-AB) Report

Sample Table

Sample Name	ICSAB
Data File Name	021ICSB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T11:00:19-06:00
Sample Type	ICSB
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	100.148	1.269	477701	0.99	100	100.1	80	120	
B	11	1	nogas	495.797	0.556	1505359	0.14	100	495.8	80	120	
Al	27	1	nogas	96907.446	1.156	1491691604	0.27	100	96907.4	80	120	ICSB Main CR1 Failed
Ti	47	1	nogas	2013.034	1.019	3858825	2.10	100	2013.0	80	120	
Ni	60	1	nogas	100.187	1.506	530838	0.94	100	100.2	80	120	
Cu	63	1	nogas	101.971	1.937	1219593	1.30	100	102.0	80	120	
Zn	66	1	nogas	103.657	1.363	350155	1.23	100	103.7	80	120	
Se	77	1	nogas	124.451	2.486	26663	2.85	100	124.5	80	120	
Se	82	1	nogas	110.968	0.708	25695	1.22	100	111.0	80	120	
Sr	88	1	nogas	105.442	0.519	3589354	0.07	100	105.4	80	120	
Mo	95	1	nogas	2032.644	0.535	13456021	0.60	100	2032.6	80	120	
Ag	107	1	nogas	116.496	1.286	1840124	1.42	100	116.5	80	120	
Cd	111	1	nogas	101.300	1.077	346342	1.50	100	101.3	80	120	
Sn	118	1	nogas	106.368	1.639	1067167	1.96	100	106.4	80	120	
Sb	121	1	nogas	106.808	1.580	1363830	1.29	100	106.8	80	120	
Ba	137	1	nogas	102.279	0.975	572510	1.34	100	102.3	80	120	
Tl	205	1	nogas	104.134	2.336	2948851	1.80	100	104.1	80	120	
Pb	208	1	nogas	106.059	3.695	4105178	1.46	100	106.1	80	120	
U	238	1	nogas	105.637	3.118	5017851	1.48	100	105.6	80	120	
Si	28	1	nogas	5404.395	0.659	4722696	1.51	100	5404.4	80	120	ICSB Main CR1 Failed
Na	23	2	He	100566.735	18.638	254412396	1.97	100	100566.7	80	120	ICSB Main CR1 Failed
Mg	24	2	He	98925.547	18.958	162497958	2.26	100	98925.5	80	120	ICSB Main CR1 Failed
Al	27	2	He	80222.152	19.553	114825605	2.91	100	80222.2	80	120	ICSB Main CR1 Failed
K	39	2	He	99821.404	18.373	249197616	1.64	100	99821.4	80	120	ICSB Main CR1 Failed
Ca	43	2	He	95938.269	19.082	737708	2.39	100	95938.3	80	120	ICSB Main CR1 Failed
Ca	44	2	He	95325.814	19.098	11827706	2.45	100	95325.8	80	120	ICSB Main CR1 Failed
V	51	2	He	96.251	18.443	1164996	1.61	100	96.3	80	120	
Cr	52	2	He	93.392	18.742	1185244	2.01	100	93.4	80	120	
Mn	55	2	He	92.730	18.734	1086450	2.02	100	92.7	80	120	
Fe	56	2	He	97696.383	19.896	1146214596	3.30	100	97696.4	80	120	ICSB Main CR1 Failed
Co	59	2	He	95.592	18.012	1535043	1.25	100	95.6	80	120	
Ni	60	2	He	88.831	18.952	364948	2.29	100	88.8	80	120	
Cu	63	2	He	89.563	18.313	893956	1.52	100	89.6	80	120	
Zn	66	2	He	89.968	18.428	205444	1.72	100	90.0	80	120	
As	75	2	He	94.191	18.211	165726	1.44	100	94.2	80	120	
Sb	121	2	He	95.176	18.338	1037305	1.64	100	95.2	80	120	
Se	78	2	He	96.186	17.701	22385	1.19	100	96.2	80	120	
Ti	47	2	He	1849.382	19.630	1121365	3.23	100	1849.4	80	120	ICSB Main CR1 Failed

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2891990	1.11	2988431	96.77	70	120	
In	115	1	nogas	3200681	0.46	3430137	93.31	70	120	
Li	6	1	nogas	1051485	0.60	1187992	88.51	70	120	
Bi	209	1	nogas	2616156	2.27	3030667	86.32	70	120	
Ge	72	2	He	1644229	18.54	1591743	103.30	70	120	

Calibration Blank Report

Sample Table

Sample Name	CAL BLK
Data File Name	263CALB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:19:28-06:00
Sample Type	CalBlk
Level	1
Dilution	1
Comment	

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	27	284.16
B	11	1	nogas	7502	0.06
Al	27	1	nogas	43123	0.01
P	31	1	nogas	13078	0.02
Ti	47	1	nogas	83	22.00
Ni	60	1	nogas	497	2.48
Cu	63	1	nogas	1507	0.62
Zn	66	1	nogas	2130	0.35
Se	77	1	nogas	2947	0.08
Se	82	1	nogas	180	8.17
Sr	88	1	nogas	1927	0.47
Mo	95	1	nogas	103	60.21
Ag	107	1	nogas	73	123.81
Cd	111	1	nogas	10	0.00
Sn	118	1	nogas	5151	0.17
Sb	121	1	nogas	513	3.95
Ba	137	1	nogas	293	3.74
Tl	205	1	nogas	80	71.60
Pb	208	1	nogas	587	1.60
Li	7	1	nogas	47535	0.00
Si	28	1	nogas	528743	0.00
Na	23	2	He	25070	0.00
Mg	24	2	He	1587	0.33
Al	27	2	He	2384	0.10
K	39	2	He	75009	0.00
Ca	43	2	He	90	32.66
Ca	44	2	He	1520	0.49
V	51	2	He	1887	0.34
Cr	52	2	He	2047	0.41
Mn	55	2	He	2157	0.69
Fe	56	2	He	18867	0.00
Co	59	2	He	147	14.94
Ni	60	2	He	283	14.44
Cu	63	2	He	843	1.23
Zn	66	2	He	1530	0.71
As	75	2	He	137	7.78
Sb	121	2	He	340	3.96
Se	78	2	He	259	5.45

Calibration Blank Report

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Ge	72	1	nogas	1905656	0.66

Calibration Blank Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
In	115	1	nogas	2034779	0.89
Li	6	1	nogas	676732	0.66
Bi	209	1	nogas	1711742	2.74
Ge	72	2	He	825316	0.88

Calibration Standard Report

Sample Table

Sample Name	2/10/200
Data File Name	264CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:21:30-06:00
Sample Type	CalStd
Level	2
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	5998	0.04
B	11	1	nogas	24699	0.01
Al	27	1	nogas	62031	0.01
P	31	1	nogas	19697	0.01
Ti	47	1	nogas	2387	0.30
Ni	60	1	nogas	7628	0.04
Cu	63	1	nogas	17996	0.02
Zn	66	1	nogas	6828	0.07
Se	77	1	nogas	3327	0.20
Se	82	1	nogas	533	3.76
Sr	88	1	nogas	50207	0.00
Mo	95	1	nogas	8982	0.03
Ag	107	1	nogas	21453	0.01
Cd	111	1	nogas	4541	0.12
Sn	118	1	nogas	18170	0.02
Sb	121	1	nogas	18914	0.00
Ba	137	1	nogas	8032	0.07
Tl	205	1	nogas	39417	0.00
Pb	208	1	nogas	55137	0.00
Si	28	1	nogas	574048	0.00
Na	23	2	He	260246	0.00
Mg	24	2	He	154278	0.00
Al	27	2	He	3467	0.16
K	39	2	He	293481	0.00
Ca	43	2	He	747	1.81
Ca	44	2	He	12288	0.01
V	51	2	He	14565	0.02
Cr	52	2	He	16137	0.02
Mn	55	2	He	14636	0.02
Fe	56	2	He	1286546	0.00
Co	59	2	He	18963	0.02
Ni	60	2	He	4951	0.14
Cu	63	2	He	13415	0.01
Zn	66	2	He	3854	0.14
As	75	2	He	2249	0.29
Sb	121	2	He	13222	0.02
Se	78	2	He	491	2.63

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1899370	1.12	1905656	99.67	70	120	
In	115	1	nogas	2076694	1.78	2034779	102.06	70	120	
Li	6	1	nogas	672989	0.69	676732	99.45	70	120	
Bi	209	1	nogas	1718916	2.21	1711742	100.42	70	120	
Ge	72	2	He	831034	0.80	825316	100.69	70	120	

Calibration Standard Report

Sample Table

Sample Name	5/25/500
Data File Name	265CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:23:32-06:00
Sample Type	CalStd
Level	3
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	14469	0.03
B	11	1	nogas	50536	0.00
Al	27	1	nogas	92893	0.00
P	31	1	nogas	29480	0.00
Ti	47	1	nogas	5838	0.03
Ni	60	1	nogas	18466	0.01
Cu	63	1	nogas	43789	0.01
Zn	66	1	nogas	13685	0.01
Se	77	1	nogas	3670	0.06
Se	82	1	nogas	827	0.55
Sr	88	1	nogas	120959	0.00
Mo	95	1	nogas	21980	0.01
Ag	107	1	nogas	54477	0.00
Cd	111	1	nogas	11437	0.04
Sn	118	1	nogas	39338	0.01
Sb	121	1	nogas	47090	0.01
Ba	137	1	nogas	18510	0.01
Tl	205	1	nogas	95342	0.00
Pb	208	1	nogas	135450	0.00
Si	28	1	nogas	648658	0.00
Na	23	2	He	606127	0.00
Mg	24	2	He	375320	0.00
Al	27	2	He	5151	0.22
K	39	2	He	610121	0.00
Ca	43	2	He	1737	0.59
Ca	44	2	He	27551	0.01
V	51	2	He	33461	0.00
Cr	52	2	He	35898	0.01
Mn	55	2	He	29307	0.00
Fe	56	2	He	3004353	0.00
Co	59	2	He	46168	0.00
Ni	60	2	He	12221	0.01
Cu	63	2	He	30482	0.01
Zn	66	2	He	7562	0.03
As	75	2	He	5229	0.03
Sb	121	2	He	32958	0.00
Se	78	2	He	761	0.05

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1892474	0.99	1905656	99.31	70	120	
In	115	1	nogas	2036132	0.22	2034779	100.07	70	120	
Li	6	1	nogas	675883	0.61	676732	99.87	70	120	
Bi	209	1	nogas	1718117	1.93	1711742	100.37	70	120	
Ge	72	2	He	823818	0.40	825316	99.82	70	120	

Calibration Standard Report

Sample Table

Sample Name	10/50/1000
Data File Name	266CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:25:33-06:00
Sample Type	CalStd
Level	4
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	28955	0.01
B	11	1	nogas	93382	0.00
Al	27	1	nogas	149580	0.00
P	31	1	nogas	44950	0.00
Ti	47	1	nogas	12217	0.01
Ni	60	1	nogas	36533	0.00
Cu	63	1	nogas	86753	0.00
Zn	66	1	nogas	25912	0.01
Se	77	1	nogas	4201	0.11
Se	82	1	nogas	1843	0.63
Sr	88	1	nogas	245116	0.00
Mo	95	1	nogas	45174	0.01
Ag	107	1	nogas	108912	0.00
Cd	111	1	nogas	22898	0.01
Sn	118	1	nogas	72412	0.00
Sb	121	1	nogas	95928	0.00
Ba	137	1	nogas	38740	0.01
Tl	205	1	nogas	195485	0.00
Pb	208	1	nogas	275072	0.00
Si	28	1	nogas	776918	0.00
Na	23	2	He	1200072	0.00
Mg	24	2	He	754990	0.00
Al	27	2	He	8499	0.03
K	39	2	He	1155433	0.00
Ca	43	2	He	3150	0.13
Ca	44	2	He	54516	0.00
V	51	2	He	66418	0.00
Cr	52	2	He	71424	0.00
Mn	55	2	He	58308	0.00
Fe	56	2	He	5936345	0.00
Co	59	2	He	94024	0.00
Ni	60	2	He	24143	0.00
Cu	63	2	He	61054	0.00
Zn	66	2	He	14169	0.03
As	75	2	He	10291	0.03
Sb	121	2	He	64903	0.00
Se	78	2	He	1305	0.36

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1897425	0.65	1905656	99.57	70	120	
In	115	1	nogas	2059350	1.05	2034779	101.21	70	120	
Li	6	1	nogas	671884	0.58	676732	99.28	70	120	
Bi	209	1	nogas	1729966	1.25	1711742	101.06	70	120	
Ge	72	2	He	822018	1.42	825316	99.60	70	120	

Calibration Standard Report

Sample Table

Sample Name	100/500/10K
Data File Name	267CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:27:34-06:00
Sample Type	CalStd
Level	5
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	301682	0.00
B	11	1	nogas	882205	0.00
Al	27	1	nogas	1108493	0.00
P	31	1	nogas	331306	0.00
Ti	47	1	nogas	126757	0.00
Ni	60	1	nogas	364547	0.00
Cu	63	1	nogas	859510	0.00
Zn	66	1	nogas	251331	0.00
Se	77	1	nogas	15654	0.01
Se	82	1	nogas	16418	0.01
Sr	88	1	nogas	2379601	0.00
Mo	95	1	nogas	463796	0.00
Ag	107	1	nogas	1111357	0.00
Cd	111	1	nogas	233798	0.00
Sn	118	1	nogas	708457	0.00
Sb	121	1	nogas	982409	0.00
Ba	137	1	nogas	393685	0.00
Tl	205	1	nogas	1947549	0.00
Pb	208	1	nogas	2785176	0.00
Si	28	1	nogas	3206794	0.00
Na	23	2	He	11295297	0.00
Mg	24	2	He	7215636	0.00
Al	27	2	He	58326	0.00
K	39	2	He	10564823	0.00
Ca	43	2	He	33667	0.00
Ca	44	2	He	546505	0.00
V	51	2	He	659958	0.00
Cr	52	2	He	703849	0.00
Mn	55	2	He	581834	0.00
Fe	56	2	He	59575619	0.00
Co	59	2	He	954610	0.00
Ni	60	2	He	239178	0.00
Cu	63	2	He	602597	0.00
Zn	66	2	He	136210	0.00
As	75	2	He	106321	0.00
Sb	121	2	He	678652	0.00
Se	78	2	He	11267	0.02

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1884371	1.14	1905656	98.88	70	120	
In	115	1	nogas	2013817	1.47	2034779	98.97	70	120	
Li	6	1	nogas	635782	1.03	676732	93.95	70	120	
Bi	209	1	nogas	1698877	1.23	1711742	99.25	70	120	
Ge	72	2	He	816255	1.12	825316	98.90	70	120	

Calibration Standard Report

Sample Table

Sample Name	200/1000/20K
Data File Name	268CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:29:33-06:00
Sample Type	CalStd
Level	6
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	606381	0.00
B	11	1	nogas	1716918	0.00
Al	27	1	nogas	2060022	0.00
P	31	1	nogas	649192	0.00
Ti	47	1	nogas	259380	0.00
Ni	60	1	nogas	722637	0.00
Cu	63	1	nogas	1644172	0.00
Zn	66	1	nogas	498315	0.00
Se	77	1	nogas	27668	0.02
Se	82	1	nogas	32867	0.00
Sr	88	1	nogas	4724265	0.00
Mo	95	1	nogas	959406	0.00
Ag	107	1	nogas	2123315	0.00
Cd	111	1	nogas	474966	0.00
Sn	118	1	nogas	1442179	0.00
Sb	121	1	nogas	1816663	0.00
Ba	137	1	nogas	791361	0.00
Tl	205	1	nogas	3859128	0.00
Pb	208	1	nogas	5447794	0.00
Si	28	1	nogas	5792929	0.00
Na	23	2	He	22321931	0.00
Mg	24	2	He	14133548	0.00
Al	27	2	He	113285	0.00
K	39	2	He	20721041	0.00
Ca	43	2	He	64849	0.00
Ca	44	2	He	1088820	0.00
V	51	2	He	1325116	0.00
Cr	52	2	He	1369518	0.00
Mn	55	2	He	1155421	0.00
Fe	56	2	He	118671055	0.00
Co	59	2	He	1776391	0.00
Ni	60	2	He	471775	0.00
Cu	63	2	He	1199858	0.00
Zn	66	2	He	266350	0.00
As	75	2	He	213784	0.00
Sb	121	2	He	1359885	0.00
Se	78	2	He	22093	0.00

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1859941	1.36	1905656	97.60	70	120	
In	115	1	nogas	1956796	2.60	2034779	96.17	70	120	
Li	6	1	nogas	608215	1.42	676732	89.88	70	120	
Bi	209	1	nogas	1632906	0.41	1711742	95.39	70	120	
Ge	72	2	He	803495	0.51	825316	97.36	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICCV2
Data File Name	271LCV2.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:35:29-06:00
Sample Type	LLCCV2
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	1.820	1.474	6098	1.81	2	91.0	70	120	
B	11	1	nogas	23.929	5.972	52767	5.10	10	239.3	70	120	NewName Main CR1 Failed
Al	27	1	nogas	1.551	1.925	59904	1.10	2	77.6	70	120	
P	31	1	nogas	10.914	10.970	20378	2.36	10	109.1	70	120	
Ti	47	1	nogas	1.838	9.505	2534	9.70	2	91.9	70	120	
Ni	60	1	nogas	2.019	3.981	8042	4.73	2	100.9	70	120	
Cu	63	1	nogas	2.092	4.942	19414	3.07	2	104.6	70	120	
Zn	66	1	nogas	1.775	2.692	6701	1.22	2	88.7	70	120	
Se	77	1	nogas	0.023	811.593	2980	2.33	2	1.1	70	120	NewName Main CR1 Failed
Se	82	1	nogas	2.362	13.837	580	9.60	2	118.1	70	120	
Sr	88	1	nogas	1.957	4.574	50942	3.09	2	97.8	70	120	
Mo	95	1	nogas	2.291	3.496	11657	2.71	2	114.5	70	120	
Ag	107	1	nogas	2.000	3.250	22755	2.61	2	100.0	70	120	
Cd	111	1	nogas	1.684	4.723	4231	4.72	2	84.2	70	120	
Sn	118	1	nogas	1.968	3.129	20175	1.55	2	98.4	70	120	
Sb	121	1	nogas	2.306	1.595	22481	1.12	2	115.3	70	120	
Ba	137	1	nogas	1.941	1.623	8419	2.61	2	97.0	70	120	
Tl	205	1	nogas	2.272	4.600	46245	6.34	2	113.6	70	120	
Pb	208	1	nogas	1.929	0.623	56045	1.49	2	96.5	70	120	
Pb	206	1	nogas	1.874	4.781	13886	5.23	2	93.7	70	120	
Pb	207	1	nogas	1.868	0.730	12151	2.05	2	93.4	70	120	
U	238	1	nogas	1.944	3.416	63994	1.80	2	97.2	70	120	
Li	7	1	nogas	1.928	4.616	66726	1.62	2	96.4	70	120	
Ba	135	1	nogas	1.802	12.550	4527	9.98	2	90.1	70	120	
Tl	203	1	nogas	2.339	8.290	19585	9.91	2	116.9	70	120	
Na	23	2	He	208.181	0.901	265299	1.23	200	104.1	70	120	
Mg	24	2	He	211.587	1.585	156539	2.02	200	105.8	70	120	
Al	27	2	He	1.770	13.828	3417	3.76	2	88.5	70	120	
K	39	2	He	206.569	0.562	296375	0.67	200	103.3	70	120	
Ca	43	2	He	187.955	3.697	723	3.48	200	94.0	70	120	
Ca	44	2	He	186.886	3.586	12021	3.51	200	93.4	70	120	
V	51	2	He	1.852	1.247	14529	0.68	2	92.6	70	120	
Cr	52	2	He	2.020	5.474	16387	5.22	2	101.0	70	120	
Mn	55	2	He	1.939	4.467	13719	3.50	2	96.9	70	120	
Fe	56	2	He	212.917	0.553	1323439	0.95	200	106.5	70	120	
Co	59	2	He	2.085	2.580	19544	2.85	2	104.3	70	120	
Ni	60	2	He	1.992	3.098	5144	2.59	2	99.6	70	120	
Cu	63	2	He	2.061	3.604	13612	3.53	2	103.1	70	120	
Zn	66	2	He	1.549	13.081	3667	7.95	2	77.5	70	120	
As	75	2	He	2.000	2.930	2339	2.45	2	100.0	70	120	
Se	77	2	He	2.377	54.921	123	36.56	2	118.9	70	120	
Sb	121	2	He	2.158	3.847	15470	4.10	2	107.9	70	120	
Se	78	2	He	2.562	6.537	550	3.64	2	128.1	70	120	NewName Main CR1 Failed
Ti	47	2	He	2.125	23.921	640	23.02	2	106.2	70	120	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1925323	1.55	1905656	101.03	70	120	
In	115	1	nogas	2083308	1.99	2034779	102.38	70	120	
Li	6	1	nogas	675886	0.41	676732	99.87	70	120	
Bi	209	1	nogas	1729363	1.79	1711742	101.03	70	120	
Ge	72	2	He	831704	0.45	825316	100.77	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICCV5
Data File Name	272LCV5.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:37:31-06:00
Sample Type	LLCCV5
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	4.345	3.198	14492	3.38	5	86.9	70	130	
B	11	1	nogas	28.997	0.324	62240	0.78	25	116.0	70	130	
Al	27	1	nogas	4.348	3.671	89932	2.02	5	87.0	70	130	
P	31	1	nogas	23.979	0.697	29156	0.28	25	95.9	70	130	
Ti	47	1	nogas	4.654	6.463	6325	6.50	5	93.1	70	130	
Ni	60	1	nogas	4.696	2.878	18152	2.99	5	93.9	70	130	
Cu	63	1	nogas	4.949	3.246	44147	3.05	5	99.0	70	130	
Zn	66	1	nogas	4.193	4.695	12985	4.01	5	83.9	70	130	
Se	77	1	nogas	2.476	64.670	3317	6.50	5	49.5	70	130	NewName Main CR1 Failed
Se	82	1	nogas	4.110	15.479	880	12.03	5	82.2	70	130	
Sr	88	1	nogas	4.714	0.188	120191	1.28	5	94.3	70	130	
Mo	95	1	nogas	4.414	2.641	22408	2.86	5	88.3	70	130	
Ag	107	1	nogas	4.723	2.101	53718	0.91	5	94.5	70	130	
Cd	111	1	nogas	4.407	1.545	11074	2.35	5	88.1	70	130	
Sn	118	1	nogas	4.226	2.128	37347	2.49	5	84.5	70	130	
Sb	121	1	nogas	4.975	1.622	48216	1.80	5	99.5	70	130	
Ba	137	1	nogas	4.466	0.481	19014	1.27	5	89.3	70	130	
Tl	205	1	nogas	4.732	2.583	96093	1.70	5	94.6	70	130	
Pb	208	1	nogas	4.643	2.034	133905	0.83	5	92.9	70	130	
U	238	1	nogas	4.586	1.461	150824	0.38	5	91.7	70	130	
Li	7	1	nogas	4.558	1.458	92806	1.11	5	91.2	70	130	
Si	28	1	nogas	244.181	2.459	671921	0.36	25	976.7	70	130	NewName Main CR1 Failed
Na	23	2	He	506.520	0.463	611426	0.42	500	101.3	70	130	
Mg	24	2	He	508.482	0.095	375256	0.27	500	101.7	70	130	
Al	27	2	He	4.355	7.251	4917	3.71	5	87.1	70	130	
K	39	2	He	499.796	0.903	611932	0.62	500	100.0	70	130	
Ca	43	2	He	445.872	11.235	1597	10.49	500	89.2	70	130	
Ca	44	2	He	469.940	3.080	28005	3.07	500	94.0	70	130	
V	51	2	He	4.567	2.013	33162	1.88	5	91.3	70	130	
Cr	52	2	He	4.662	3.064	35247	2.71	5	93.2	70	130	
Mn	55	2	He	4.468	2.900	28886	2.83	5	89.4	70	130	
Fe	56	2	He	484.385	1.079	2997092	1.05	500	96.9	70	130	
Co	59	2	He	4.967	0.619	46502	0.65	5	99.3	70	130	
Ni	60	2	He	4.801	3.343	12037	3.23	5	96.0	70	130	
Cu	63	2	He	4.829	0.751	30856	0.51	5	96.6	70	130	
Zn	66	2	He	4.001	4.880	7051	3.65	5	80.0	70	130	
As	75	2	He	4.687	1.399	5316	1.37	5	93.7	70	130	
Sb	121	2	He	4.622	0.664	32861	0.44	5	92.4	70	130	
Se	78	2	He	5.029	15.914	831	10.98	5	100.6	70	130	
Ti	47	2	He	4.863	7.866	1453	7.61	5	97.3	70	130	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1937549	0.26	1905656	101.67	70	120	
In	115	1	nogas	2086709	1.21	2034779	102.55	70	120	
Li	6	1	nogas	674617	0.50	676732	99.69	70	120	
Bi	209	1	nogas	1727837	1.23	1711742	100.94	70	120	
Ge	72	2	He	834649	0.22	825316	101.13	70	120	

Initial Calibration Blank (ICB) Report

Sample Table

Sample Name	ICCB
Data File Name	273_ICB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:39:32-06:00
Sample Type	ICB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.015	67.6	77	43.4	1	
B	11	1	nogas	5.897	2.6	18773	1.9	10	
Al	27	1	nogas	-1.165	-6.6	31533	1.7	5	
P	31	1	nogas	0.401	127.0	13575	1.3	10	
Ti	47	1	nogas	0.029	128.8	123	40.8	2.5	
Ni	60	1	nogas	-0.071	-10.1	237	10.6	2.5	
Cu	63	1	nogas	-0.045	-12.4	1150	3.1	1	
Zn	66	1	nogas	-0.403	-14.6	1127	13.4	2.5	
Se	77	1	nogas	-2.990	-54.0	2610	6.8	2.5	
Se	82	1	nogas	0.256	14.3	227	2.5	1	
Sr	88	1	nogas	-0.010	-57.9	1733	8.9	2.5	
Mo	95	1	nogas	0.118	3.0	700	3.8	2.5	
Ag	107	1	nogas	0.007	30.3	157	14.7	2.5	
Cd	111	1	nogas	0.002	329.7	17	124.9	1	
Sn	118	1	nogas	-0.201	-24.4	3754	10.5	5	
Sb	121	1	nogas	0.062	27.2	1113	13.2	2.5	
Ba	137	1	nogas	-0.014	-64.1	243	13.2	2.5	
Tl	205	1	nogas	0.040	37.9	897	37.7	1	
Pb	208	1	nogas	-0.001	-767.5	570	25.3	2.5	
U	238	1	nogas	0.004	24.7	207	19.6	2.5	
Si	28	1	nogas	11.355	195.4	544386	1.0	5	ICB Main CR1 Failed
Na	23	2	He	-0.996	-55.5	24159	2.7	100	
Mg	24	2	He	-0.116	-189.8	1517	10.5	100	
Al	27	2	He	-1.003	-13.7	1830	4.1	5	
K	39	2	He	-0.854	-109.7	74808	1.5	100	
Ca	43	2	He	-9.194	-56.1	60	28.9	100	
Ca	44	2	He	-4.818	-68.8	1263	14.7	100	
V	51	2	He	-0.044	-36.5	1603	6.9	2.5	
Cr	52	2	He	-0.017	-228.7	1947	13.8	2.5	
Mn	55	2	He	-0.080	-24.6	1697	6.8	2.5	
Fe	56	2	He	0.378	38.2	21369	4.2	100	
Co	59	2	He	0.006	67.2	200	17.3	2.5	
Ni	60	2	He	-0.061	-55.6	137	60.9	2.5	
Cu	63	2	He	-0.026	-84.9	693	19.2	1	
Zn	66	2	He	-0.649	-4.4	653	6.2	2.5	
As	75	2	He	0.038	27.0	180	6.4	2.5	
Sb	121	2	He	0.074	18.5	863	11.1	2.5	
Se	78	2	He	0.035	864.0	265	13.1	1	
Ti	47	2	He	0.011	626.5	17	124.9	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1939789	1.26	1905656	101.79	70	120	
In	115	1	nogas	2084779	1.67	2034779	102.46	70	120	

Initial Calibration Blank (ICB) Report

Li	6	1	nogas	680336	0.91	676732	100.53	70	120	
Bi	209	1	nogas	1705049	3.29	1711742	99.61	70	120	
Ge	72	2	He	833137	0.19	825316	100.95	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	305_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:44:46-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	102.416	0.407	324882	0.51	100	102.4	90	110	
B	11	1	nogas	553.496	1.301	1003001	1.52	500	110.7	90	110	CCV Main CR1-2 Failed
Al	27	1	nogas	106.884	2.860	1201734	1.43	100	106.9	90	110	
P	31	1	nogas	519.595	2.302	364559	0.84	500	103.9	90	110	
Ti	47	1	nogas	104.288	1.479	142899	0.39	100	104.3	90	110	
Ni	60	1	nogas	106.083	3.606	407589	2.42	100	106.1	90	110	
Cu	63	1	nogas	108.612	2.768	956640	1.49	100	108.6	90	110	
Zn	66	1	nogas	105.390	2.386	279924	1.37	100	105.4	90	110	
Se	77	1	nogas	106.480	3.335	17142	1.98	100	106.5	90	110	
Se	82	1	nogas	99.969	3.383	17505	2.95	100	100.0	90	110	
Sr	88	1	nogas	103.732	0.753	2651079	2.18	100	103.7	90	110	
Mo	95	1	nogas	102.759	0.522	528760	1.70	100	102.8	90	110	
Ag	107	1	nogas	108.187	1.217	1251561	2.70	100	108.2	90	110	
Cd	111	1	nogas	103.655	1.627	264991	3.07	100	103.7	90	110	
Sn	118	1	nogas	103.660	0.801	806285	2.27	100	103.7	90	110	
Sb	121	1	nogas	113.242	3.279	1109241	1.87	100	113.2	90	110	CCV Main CR1-2 Failed
Ba	137	1	nogas	103.863	0.480	443373	1.02	100	103.9	90	110	
Tl	205	1	nogas	105.460	3.503	2201634	1.13	100	105.5	90	110	
Pb	208	1	nogas	104.945	3.387	3100976	1.43	100	104.9	90	110	
U	238	1	nogas	103.830	3.434	3511652	1.34	100	103.8	90	110	
Li	7	1	nogas	107.199	0.731	1062791	0.26	100	107.2	90	110	
Si	28	1	nogas	5266.932	2.612	3508025	1.20	5000	105.3	90	110	
Ba	135	1	nogas	103.872	0.385	255297	1.64	100	103.9	90	110	
Tl	203	1	nogas	111.691	4.755	959573	2.40	100	111.7	90	110	CCV Main CR1-2 Failed
Na	23	2	He	10548.665	1.326	12478292	0.48	10000	105.5	90	110	
Mg	24	2	He	10573.644	0.253	7929434	0.97	10000	105.7	90	110	
Al	27	2	He	103.965	2.777	63509	1.87	100	104.0	90	110	
K	39	2	He	10538.657	0.873	11610247	0.37	10000	105.4	90	110	
Ca	43	2	He	10343.009	1.950	35728	1.32	10000	103.4	90	110	
Ca	44	2	He	10450.615	0.069	602099	0.85	10000	104.5	90	110	
V	51	2	He	103.820	0.614	726854	0.64	100	103.8	90	110	
Cr	52	2	He	106.860	0.573	778074	0.63	100	106.9	90	110	
Mn	55	2	He	105.574	1.196	646033	0.80	100	105.6	90	110	
Fe	56	2	He	10511.520	0.807	65954767	0.13	10000	105.1	90	110	
Co	59	2	He	105.823	0.587	1053559	0.40	100	105.8	90	110	
Ni	60	2	He	106.136	1.116	265358	1.29	100	106.1	90	110	
Cu	63	2	He	106.148	0.439	673745	1.16	100	106.1	90	110	
Zn	66	2	He	103.531	0.641	146909	1.29	100	103.5	90	110	
As	75	2	He	102.952	0.585	116185	0.31	100	103.0	90	110	
Sb	121	2	He	104.249	0.185	748663	1.01	100	104.2	90	110	
Se	78	2	He	104.089	0.505	12295	0.87	100	104.1	90	110	
Ti	47	2	He	103.930	2.359	31423	2.92	100	103.9	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1979273	1.40	1905656	103.86	70	120	
In	115	1	nogas	2124750	1.48	2034779	104.42	70	120	
Li	6	1	nogas	642725	0.92	676732	94.97	70	120	
Bi	209	1	nogas	1778340	2.44	1711742	103.89	70	120	
Ge	72	2	He	851609	0.90	825316	103.19	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	306_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:46:49-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.039	36.3	160	30.1	1	
B	11	1	nogas	27.097	7.9	60478	7.5	10	CCB Main CR1 Failed
Al	27	1	nogas	-1.472	-0.7	29787	1.3	5	
P	31	1	nogas	0.163	146.6	14139	2.2	10	
Ti	47	1	nogas	0.066	23.2	183	12.6	2.5	
Ni	60	1	nogas	-0.024	-57.4	437	12.6	2.5	
Cu	63	1	nogas	-0.028	-41.8	1367	8.7	2	
Zn	66	1	nogas	-0.278	-26.9	1530	14.7	2.5	
Se	77	1	nogas	-3.395	-16.6	2697	4.1	2.5	
Se	82	1	nogas	0.466	44.7	277	14.6	2	
Sr	88	1	nogas	0.070	10.8	3977	4.5	2.5	
Mo	95	1	nogas	0.448	28.0	2524	26.1	2.5	
Ag	107	1	nogas	0.023	45.4	357	35.1	2.5	
Cd	111	1	nogas	0.027	35.5	83	30.2	1	
Sn	118	1	nogas	-0.088	-11.7	4921	1.7	5	
Sb	121	1	nogas	0.350	13.2	4091	12.0	2.5	
Ba	137	1	nogas	0.055	30.8	567	13.0	2.5	
Tl	205	1	nogas	0.344	46.3	7702	48.4	1	
Pb	208	1	nogas	0.027	28.8	1497	19.1	2.5	
U	238	1	nogas	0.046	28.1	1697	29.3	2.5	
Si	28	1	nogas	-43.307	-51.7	541780	1.0	5	
Na	23	2	He	37.919	1.1	72521	0.8	100	
Mg	24	2	He	4.092	3.2	4831	2.4	100	
Al	27	2	He	-1.518	-6.8	1610	4.3	5	
K	39	2	He	-0.801	-72.1	78564	0.5	100	
Ca	43	2	He	22.965	63.4	177	29.0	100	
Ca	44	2	He	0.510	534.2	1640	9.8	100	
V	51	2	He	-0.009	-116.5	1932	4.6	2.5	
Cr	52	2	He	-0.018	-139.4	2037	9.4	2.5	
Mn	55	2	He	0.134	45.3	3124	12.7	2.5	
Fe	56	2	He	5.232	3.5	53681	1.8	100	
Co	59	2	He	0.012	86.7	277	37.6	2.5	
Ni	60	2	He	-0.035	-30.2	210	12.6	2.5	
Cu	63	2	He	-0.021	-92.6	757	16.2	2	
Zn	66	2	He	-0.514	-27.9	880	22.8	2.5	
As	75	2	He	0.134	14.4	300	8.0	2.5	
Sb	121	2	He	0.216	9.8	1950	8.1	2.5	
Se	78	2	He	0.200	13.3	298	1.2	2	
Ti	47	2	He	-0.034	-53.9	3	173.2	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2043576	1.56	1905656	107.24	70	120	
In	115	1	nogas	2226897	0.92	2034779	109.44	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	695459	0.72	676732	102.77	70	120	
Bi	209	1	nogas	1868632	2.77	1711742	109.17	70	120	
Ge	72	2	He	874325	0.60	825316	105.94	70	120	

Interference Check Solution A (ICS-A) Report

Sample Table

Sample Name	ICSA
Data File Name	307ICSA.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:48:56-06:00
Sample Type	ICSA
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.005	201.6	40	76.0	0	ICSA Main CR1 Failed
B	11	1	nogas	19.832	3.5	42273	3.0	0	ICSA Main CR1 Failed
Al	27	1	nogas	91088.715	1.1	968750252	0.3	0	
P	31	1	nogas	87065.783	1.1	57792849	0.6	0	
Ti	47	1	nogas	1838.825	2.7	2473524	1.8	0	
Ni	60	1	nogas	0.815	11.5	3580	9.5	0	ICSA Main CR1 Failed
Cu	63	1	nogas	1.071	4.1	10797	4.5	0	ICSA Main CR1 Failed
Zn	66	1	nogas	0.996	13.5	4754	8.1	0	ICSA Main CR1 Failed
Se	77	1	nogas	19.004	14.7	5478	7.5	0	
Se	82	1	nogas	0.252	34.1	227	6.7	0	ICSA Main CR1 Failed
Sr	88	1	nogas	1.037	3.2	27478	2.0	0	ICSA Main CR1 Failed
Mo	95	1	nogas	1781.129	2.8	8837017	0.4	0	
Ag	107	1	nogas	0.023	3.9	330	5.2	0	ICSA Main CR1 Failed
Cd	111	1	nogas	1.470	6.2	3637	7.8	0	ICSA Main CR1 Failed
Sn	118	1	nogas	-0.222	-12.3	3537	7.2	0	ICSA Main CR1 Failed
Sb	121	1	nogas	0.094	11.7	1433	8.4	0	ICSA Main CR1 Failed
Ba	137	1	nogas	0.077	16.3	613	6.6	0	ICSA Main CR1 Failed
Tl	205	1	nogas	0.027	24.3	613	25.1	0	ICSA Main CR1 Failed
Pb	208	1	nogas	0.046	9.9	1847	11.2	0	ICSA Main CR1 Failed
Si	28	1	nogas	135.842	2.2	614442	0.8	0	
Na	23	2	He	101572.679	0.5	112524312	0.3	0	
Mg	24	2	He	101694.064	0.6	71534482	0.2	0	
Al	27	2	He	91356.236	0.9	50338296	0.4	0	
K	39	2	He	102217.480	0.2	105024058	0.5	0	
Ca	43	2	He	98542.597	0.1	318642	0.6	0	
Ca	44	2	He	96320.320	0.9	5194209	0.7	0	
V	51	2	He	0.038	63.9	2075	7.2	0	ICSA Main CR1 Failed
Cr	52	2	He	0.987	6.1	8706	5.3	0	ICSA Main CR1 Failed
Mn	55	2	He	0.123	9.1	2790	2.8	0	ICSA Main CR1 Failed
Fe	56	2	He	102230.725	0.2	601672098	0.6	0	
Co	59	2	He	0.208	13.8	2083	12.4	0	ICSA Main CR1 Failed
Ni	60	2	He	0.294	9.9	963	7.4	0	ICSA Main CR1 Failed
Cu	63	2	He	0.241	17.3	2247	10.5	0	ICSA Main CR1 Failed
Zn	66	2	He	-0.093	-134.1	1360	12.1	0	ICSA Main CR1 Failed
As	75	2	He	0.201	23.6	344	14.7	0	ICSA Main CR1 Failed
Sb	121	2	He	0.090	47.1	933	30.7	0	ICSA Main CR1 Failed
Se	78	2	He	0.177	239.0	270	17.5	0	ICSA Main CR1 Failed
Ti	47	2	He	1958.154	0.5	555182	0.3	0	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1944255	1.04	1905656	102.03	70	120	
In	115	1	nogas	2050057	2.41	2034779	100.75	70	120	
Li	6	1	nogas	634732	1.34	676732	93.79	70	120	
Bi	209	1	nogas	1674234	4.45	1711742	97.81	70	120	
Ge	72	2	He	798974	0.55	825316	96.81	70	120	

Interference Check Solution AB (ICS-AB) Report

Sample Table

Sample Name	ICSAB
Data File Name	308ICSB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:50:59-06:00
Sample Type	ICSB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	101.132	0.729	303242	0.20	100	101.1	80	120	
B	11	1	nogas	550.556	0.515	943085	0.69	100	550.6	80	120	
Al	27	1	nogas	89393.805	1.369	969773506	1.28	100	89393.8	80	120	ICSB Main CR1 Failed
Ti	47	1	nogas	1940.185	1.789	2662452	1.80	100	1940.2	80	120	
Ni	60	1	nogas	97.204	2.444	374298	1.42	100	97.2	80	120	
Cu	63	1	nogas	99.576	2.412	878957	1.23	100	99.6	80	120	
Zn	66	1	nogas	100.185	3.238	266717	2.11	100	100.2	80	120	
Se	77	1	nogas	127.056	3.445	19901	1.79	100	127.1	80	120	
Se	82	1	nogas	102.193	5.872	17919	4.43	100	102.2	80	120	
Sr	88	1	nogas	103.381	1.215	2575814	1.30	100	103.4	80	120	
Mo	95	1	nogas	1900.253	1.285	9531178	1.23	100	1900.3	80	120	
Ag	107	1	nogas	120.279	0.921	1356453	1.09	100	120.3	80	120	ICSB Main CR1 Failed
Cd	111	1	nogas	100.991	0.429	251679	0.59	100	101.0	80	120	
Sn	118	1	nogas	100.793	0.817	764446	0.98	100	100.8	80	120	
Sb	121	1	nogas	107.216	2.173	1052451	0.94	100	107.2	80	120	
Ba	137	1	nogas	101.454	1.672	422280	1.82	100	101.5	80	120	
Tl	205	1	nogas	101.886	4.033	1986763	0.94	100	101.9	80	120	
Pb	208	1	nogas	101.016	3.992	2787959	0.93	100	101.0	80	120	
U	238	1	nogas	105.045	4.352	3318153	1.24	100	105.0	80	120	
Si	28	1	nogas	5136.423	2.240	3441570	0.67	100	5136.4	80	120	ICSB Main CR1 Failed
Na	23	2	He	111049.409	0.871	125072308	0.69	100	111049.4	80	120	
Mg	24	2	He	110782.529	1.145	79224847	0.24	100	110782.5	80	120	
Al	27	2	He	89967.886	1.200	50399339	0.46	100	89967.9	80	120	ICSB Main CR1 Failed
K	39	2	He	110810.254	0.472	115746205	0.74	100	110810.3	80	120	
Ca	43	2	He	108065.490	1.388	355281	2.12	100	108065.5	80	120	
Ca	44	2	He	105054.931	0.842	5760087	1.71	100	105054.9	80	120	
V	51	2	He	102.517	0.735	684638	0.66	100	102.5	80	120	
Cr	52	2	He	103.228	0.668	717013	0.60	100	103.2	80	120	
Mn	55	2	He	100.356	0.424	585927	1.48	100	100.4	80	120	
Fe	56	2	He	110840.462	0.715	663223190	0.84	100	110840.5	80	120	
Co	59	2	He	101.487	0.824	963770	0.60	100	101.5	80	120	
Ni	60	2	He	99.622	0.667	237591	0.44	100	99.6	80	120	
Cu	63	2	He	99.355	1.096	601543	0.53	100	99.4	80	120	
Zn	66	2	He	100.693	2.749	136305	1.74	100	100.7	80	120	
As	75	2	He	103.564	0.999	111485	1.24	100	103.6	80	120	
Sb	121	2	He	101.667	0.885	696403	0.26	100	101.7	80	120	
Se	78	2	He	107.506	0.953	12105	1.61	100	107.5	80	120	
Ti	47	2	He	2075.834	0.888	598359	0.64	100	2075.8	80	120	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1983211	1.41	1905656	104.07	70	120	
In	115	1	nogas	2071556	0.17	2034779	101.81	70	120	
Li	6	1	nogas	607539	0.77	676732	89.78	70	120	
Bi	209	1	nogas	1661560	3.20	1711742	97.07	70	120	
Ge	72	2	He	812324	1.05	825316	98.43	70	120	

Sample Report

Sample Table

Sample Name	MBLK-161677
Data File Name	310SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:55:06-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.009	0.009	77.07	58	0.01	2000	
B	11	1	nogas	10.935	10.935	1.54	29888	0.04	2000	
Al	27	1	nogas	15.412	15.412	10.85	233662	0.01	2000	
Ti	47	1	nogas	0.254	0.254	26.17	480	0.05	2000	
Ni	60	1	nogas	-0.026	-0.026	-38.07	460	-0.01	2000	
Cu	63	1	nogas	0.019	0.019	61.34	1917	0.00	2000	
Zn	66	1	nogas	-0.103	-0.103	-78.61	2143	0.00	2000	
Se	77	1	nogas	-2.635	-2.635	-48.48	2994	-0.09	2000	
Se	82	1	nogas	0.123	0.123	221.20	230	0.05	2000	
Sr	88	1	nogas	0.011	0.011	58.23	2570	0.00	2000	
Mo	95	1	nogas	1.469	1.469	3.01	8639	0.02	2000	
Ag	107	1	nogas	0.004	0.004	44.76	133	0.00	2000	
Cd	111	1	nogas	0.012	0.012	17.27	47	0.03	2000	
Sn	118	1	nogas	-0.426	-0.426	-3.49	2350	-0.02	2000	
Sb	121	1	nogas	0.038	0.038	37.12	997	0.00	2000	
Ba	137	1	nogas	0.052	0.052	17.37	597	0.01	2000	
Tl	205	1	nogas	0.025	0.025	16.93	693	0.00	2000	
Pb	208	1	nogas	0.013	0.013	66.79	1150	0.00	2000	
U	238	1	nogas	0.009	0.009	18.72	430	0.00	2000	
Si	28	1	nogas	529.216	529.216	1.99	934630	0.06	2000	
Na	23	2	He	37.579	37.579	1.36	75733	0.05	200000	
Mg	24	2	He	28.416	28.416	1.16	24740	0.11	200000	
Al	27	2	He	12.210	12.210	9.58	10383	0.12	2000	
K	39	2	He	2.441	2.441	52.39	86338	0.00	200000	
Ca	43	2	He	8.893	8.893	152.85	133	6.67	200000	
Ca	44	2	He	6.173	6.173	51.61	2073	0.30	200000	
V	51	2	He	-0.046	-0.046	-32.13	1755	0.00	2000	
Cr	52	2	He	-0.165	-0.165	-8.08	983	-0.02	2000	
Mn	55	2	He	-0.012	-0.012	-238.64	2320	0.00	2000	
Fe	56	2	He	27.836	27.836	2.59	209270	0.01	200000	
Co	59	2	He	0.001	0.001	111.53	173	0.00	2000	
Ni	60	2	He	-0.042	-0.042	-18.05	203	-0.02	2000	
Cu	63	2	He	0.034	0.034	163.22	1170	0.00	2000	
Zn	66	2	He	-0.374	-0.374	-26.66	1137	-0.03	2000	
As	75	2	He	-0.004	-0.004	-297.52	147	0.00	2000	
Sb	121	2	He	0.026	0.026	64.69	577	0.00	2000	
Se	78	2	He	-0.204	-0.204	-87.04	263	-0.08	2000	
Ti	47	2	He	0.302	0.302	38.06	113	0.27	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2185221	0.54	1905656	114.67	70	120	
In	115	1	nogas	2394180	1.10	2034779	117.66	70	120	
Li	6	1	nogas	716824	0.25	676732	105.92	70	120	

Sample Report

Bi	209	1	nogas	2040876	3.08	1711742	119.23	70	120	
Ge	72	2	He	918296	0.46	825316	111.27	70	120	

Sample Report

Sample Table

Sample Name	LCS-161677
Data File Name	311SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:57:13-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	44.199	44.199	1.02	157751	0.03	2000	
B	11	1	nogas	10.248	10.248	2.03	28758	0.04	2000	
Al	27	1	nogas	53.962	53.962	1.15	695271	0.01	2000	
Ti	47	1	nogas	44.724	44.724	1.68	67803	0.07	2000	
Ni	60	1	nogas	47.100	47.100	1.02	200401	0.02	2000	
Cu	63	1	nogas	49.087	49.087	0.53	478966	0.01	2000	
Zn	66	1	nogas	47.926	47.926	0.49	142068	0.03	2000	
Se	77	1	nogas	44.825	44.825	2.33	9936	0.45	2000	
Se	82	1	nogas	45.838	45.838	0.23	8986	0.51	2000	
Sr	88	1	nogas	0.039	0.039	1.44	3367	0.00	2000	
Mo	95	1	nogas	43.984	43.984	0.93	253533	0.02	2000	
Ag	107	1	nogas	48.037	48.037	1.55	622306	0.01	2000	
Cd	111	1	nogas	45.897	45.897	2.78	131384	0.03	2000	
Sn	118	1	nogas	-0.488	-0.488	-4.17	1803	-0.03	2000	
Sb	121	1	nogas	49.319	49.319	0.71	534504	0.01	2000	
Ba	137	1	nogas	44.173	44.173	1.07	211387	0.02	2000	
Tl	205	1	nogas	45.511	45.511	5.18	1055513	0.00	2000	
Pb	208	1	nogas	45.906	45.906	4.83	1507255	0.00	2000	
U	238	1	nogas	0.004	0.004	52.35	237	0.00	2000	
Si	28	1	nogas	377.967	377.967	3.19	841773	0.04	2000	
Na	23	2	He	4663.592	4663.592	0.67	6077264	0.08	200000	
Mg	24	2	He	4723.639	4723.639	0.41	3892828	0.12	200000	
Al	27	2	He	52.434	52.434	1.90	36536	0.14	2000	
K	39	2	He	4698.253	4698.253	0.39	5734058	0.08	200000	
Ca	43	2	He	4464.131	4464.131	2.73	17001	26.26	200000	
Ca	44	2	He	4601.614	4601.614	0.72	292238	1.57	200000	
V	51	2	He	45.074	45.074	0.23	347917	0.01	2000	
Cr	52	2	He	46.308	46.308	0.54	371766	0.01	2000	
Mn	55	2	He	45.998	45.998	1.26	310629	0.01	2000	
Fe	56	2	He	4629.650	4629.650	0.91	31927984	0.01	200000	
Co	59	2	He	46.792	46.792	1.20	511915	0.01	2000	
Ni	60	2	He	46.929	46.929	1.29	129087	0.04	2000	
Cu	63	2	He	47.424	47.424	0.90	331229	0.01	2000	
Zn	66	2	He	47.093	47.093	0.86	74363	0.06	2000	
As	75	2	He	46.690	46.690	1.31	57975	0.08	2000	
Sb	121	2	He	45.335	45.335	0.14	357910	0.01	2000	
Se	78	2	He	47.446	47.446	1.70	6317	0.75	2000	
Ti	47	2	He	43.745	43.745	3.45	14539	0.30	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2187816	0.99	1905656	114.81	70	120	
In	115	1	nogas	2379664	0.99	2034779	116.95	70	120	
Li	6	1	nogas	723072	0.40	676732	106.85	70	120	

Sample Report

Bi	209	1	nogas	1976442	3.00	1711742	115.46	70	120	
Ge	72	2	He	935626	0.26	825316	113.37	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01SD
Data File Name	313SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:01:22-06:00
Sample Type	Sample
Dilution	5
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.007	0.036	96.17	52	0.01	2000	
B	11	1	nogas	31.342	156.709	1.10	68171	0.05	2000	
Al	27	1	nogas	2.584	12.921	13.39	77602	0.00	2000	
Ti	47	1	nogas	0.553	2.763	9.87	900	0.06	2000	
Ni	60	1	nogas	0.427	2.134	9.43	2297	0.02	2000	
Cu	63	1	nogas	0.136	0.679	0.87	2944	0.00	2000	
Zn	66	1	nogas	0.200	1.001	44.01	2924	0.01	2000	
Se	77	1	nogas	1.815	9.073	9.61	3520	0.05	2000	
Se	82	1	nogas	0.437	2.184	46.91	280	0.16	2000	
Sr	88	1	nogas	152.304	761.521	1.36	4225296	0.00	2000	
Mo	95	1	nogas	1.244	6.221	5.73	7065	0.02	2000	
Ag	107	1	nogas	0.001	0.004	399.42	93	0.00	2000	
Cd	111	1	nogas	0.013	0.064	15.11	47	0.03	2000	
Sn	118	1	nogas	-0.464	-2.318	-2.37	1950	-0.02	2000	
Sb	121	1	nogas	0.140	0.698	13.58	2027	0.01	2000	
Ba	137	1	nogas	100.440	502.200	1.80	465595	0.02	2000	
Tl	205	1	nogas	0.030	0.149	24.30	773	0.00	2000	
Pb	208	1	nogas	0.023	0.114	10.89	1403	0.00	2000	
U	238	1	nogas	0.029	0.145	4.88	1147	0.00	2000	
Si	28	1	nogas	39143.049	195715.246	1.55	24042070	0.16	2000	>LDR
Na	23	2	He	13220.398	66101.990	0.27	16392069	0.08	200000	
Mg	24	2	He	3982.411	19912.055	0.70	3132383	0.13	200000	
Al	27	2	He	2.855	14.274	18.29	4337	0.07	2000	
K	39	2	He	866.694	4333.472	0.36	1075705	0.08	200000	
Ca	43	2	He	21352.611	106763.055	2.36	77252	27.64	200000	
Ca	44	2	He	21368.689	106843.445	1.93	1289173	1.66	200000	
V	51	2	He	0.015	0.074	20.57	2150	0.00	2000	
Cr	52	2	He	0.009	0.044	294.20	2280	0.00	2000	
Mn	55	2	He	1463.736	7318.678	0.98	9362607	0.02	2000	
Fe	56	2	He	2136.369	10681.845	0.18	14072116	0.02	200000	
Co	59	2	He	0.125	0.626	5.82	1467	0.01	2000	
Ni	60	2	He	0.410	2.049	0.59	1380	0.03	2000	
Cu	63	2	He	0.062	0.309	13.43	1323	0.00	2000	
Zn	66	2	He	-0.083	-0.417	-51.43	1533	-0.01	2000	
As	75	2	He	1.080	5.402	11.91	1426	0.08	2000	
Sb	121	2	He	0.139	0.693	14.52	1410	0.01	2000	
Se	78	2	He	0.312	1.559	61.14	318	0.10	2000	
Ti	47	2	He	0.260	1.299	42.49	97	0.27	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2111077	1.08	1905656	110.78	70	120	
In	115	1	nogas	2307369	1.02	2034779	113.40	70	120	
Li	6	1	nogas	689837	0.41	676732	101.94	70	120	

Sample Report

Bi	209	1	nogas	1946571	2.70	1711742	113.72	70	120	
Ge	72	2	He	892942	0.93	825316	108.19	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01MS
Data File Name	314SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:03:27-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	40.593	40.593	0.75	137870	0.03	2000	
B	11	1	nogas	86.806	86.806	1.03	174827	0.05	2000	
Al	27	1	nogas	48.802	48.802	3.47	617304	0.01	2000	
Ti	47	1	nogas	41.836	41.836	4.32	61796	0.07	2000	
Ni	60	1	nogas	42.242	42.242	1.60	175205	0.02	2000	
Cu	63	1	nogas	42.538	42.538	1.91	404690	0.01	2000	
Zn	66	1	nogas	42.984	42.984	2.90	124394	0.03	2000	
Se	77	1	nogas	52.258	52.258	5.19	10740	0.49	2000	
Se	82	1	nogas	43.790	43.790	4.76	8379	0.52	2000	
Sr	88	1	nogas	709.770	709.770	1.72	19006388	0.00	2000	
Mo	95	1	nogas	43.258	43.258	1.58	233454	0.02	2000	
Ag	107	1	nogas	42.053	42.053	1.43	510097	0.01	2000	
Cd	111	1	nogas	41.626	41.626	1.20	111576	0.04	2000	
Sn	118	1	nogas	-0.466	-0.466	-3.36	1863	-0.03	2000	
Sb	121	1	nogas	44.066	44.066	3.00	465362	0.01	2000	
Ba	137	1	nogas	483.092	483.092	1.81	2161533	0.02	2000	
Tl	205	1	nogas	41.399	41.399	3.43	916014	0.00	2000	
Pb	208	1	nogas	40.588	40.588	3.76	1271340	0.00	2000	
U	238	1	nogas	0.132	0.132	12.77	4781	0.00	2000	
Si	28	1	nogas	181045.726	181045.726	1.78	110165735	0.16	2000	>LDR
Na	23	2	He	63296.927	63296.927	0.59	79043915	0.08	200000	
Mg	24	2	He	21694.437	21694.437	1.07	17201161	0.13	200000	
Al	27	2	He	46.502	46.502	0.91	31480	0.15	2000	
K	39	2	He	7896.711	7896.711	1.75	9219839	0.09	200000	
Ca	43	2	He	102589.785	102589.785	1.65	373861	27.44	200000	
Ca	44	2	He	99475.541	99475.541	0.93	6046002	1.65	200000	
V	51	2	He	40.947	40.947	1.26	304382	0.01	2000	
Cr	52	2	He	41.198	41.198	0.37	318577	0.01	2000	
Mn	55	2	He	6571.306	6571.306	0.84	42377838	0.02	2000	>LDR
Fe	56	2	He	13553.848	13553.848	1.24	89922669	0.02	200000	
Co	59	2	He	41.614	41.614	1.15	438204	0.01	2000	
Ni	60	2	He	42.091	42.091	2.21	111461	0.04	2000	
Cu	63	2	He	41.204	41.204	1.54	277093	0.01	2000	
Zn	66	2	He	43.527	43.527	0.32	66280	0.07	2000	
As	75	2	He	46.405	46.405	1.19	55459	0.08	2000	
Sb	121	2	He	40.714	40.714	1.64	309386	0.01	2000	
Se	78	2	He	43.552	43.552	3.31	5604	0.78	2000	
Ti	47	2	He	41.008	41.008	1.08	13118	0.31	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2132250	1.42	1905656	111.89	70	120	
In	115	1	nogas	2228147	1.40	2034779	109.50	70	120	
Li	6	1	nogas	688060	0.25	676732	101.67	70	120	
Bi	209	1	nogas	1884573	2.13	1711742	110.10	70	120	
Ge	72	2	He	900529	0.73	825316	109.11	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01MSD
Data File Name	315SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:05:31-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	44.117	44.117	1.24	149685	0.03	2000	
B	11	1	nogas	95.480	95.480	0.46	191343	0.05	2000	
Al	27	1	nogas	53.059	53.059	1.01	669358	0.01	2000	
Ti	47	1	nogas	45.725	45.725	1.55	67789	0.07	2000	
Ni	60	1	nogas	46.206	46.206	0.94	192265	0.02	2000	
Cu	63	1	nogas	46.054	46.054	0.46	439544	0.01	2000	
Zn	66	1	nogas	47.164	47.164	0.23	136757	0.03	2000	
Se	77	1	nogas	58.251	58.251	3.74	11637	0.50	2000	
Se	82	1	nogas	48.521	48.521	3.38	9289	0.52	2000	
Sr	88	1	nogas	759.775	759.775	0.53	20704732	0.00	2000	
Mo	95	1	nogas	47.473	47.473	2.87	260687	0.02	2000	
Ag	107	1	nogas	45.369	45.369	1.84	559982	0.01	2000	
Cd	111	1	nogas	44.453	44.453	3.30	121239	0.04	2000	
Sn	118	1	nogas	-0.423	-0.423	-9.21	2247	-0.02	2000	
Sb	121	1	nogas	48.209	48.209	1.52	510890	0.01	2000	
Ba	137	1	nogas	514.530	514.530	1.27	2342769	0.02	2000	
Tl	205	1	nogas	45.210	45.210	4.07	998098	0.00	2000	
Pb	208	1	nogas	44.088	44.088	4.62	1377671	0.00	2000	
U	238	1	nogas	0.144	0.144	6.73	5234	0.00	2000	
Si	28	1	nogas	196669.279	196669.279	0.38	120045262	0.16	2000	>LDR
Na	23	2	He	69607.599	69607.599	1.13	86335559	0.08	200000	
Mg	24	2	He	23610.447	23610.447	0.47	18594626	0.13	200000	
Al	27	2	He	50.926	50.926	1.06	33997	0.15	2000	
K	39	2	He	8583.186	8583.186	0.31	9947285	0.09	200000	
Ca	43	2	He	112241.136	112241.136	0.39	406298	27.63	200000	
Ca	44	2	He	108921.742	108921.742	1.55	6575411	1.66	200000	
V	51	2	He	45.154	45.154	0.92	333192	0.01	2000	
Cr	52	2	He	45.293	45.293	0.80	347663	0.01	2000	
Mn	55	2	He	7183.062	7183.062	0.67	46011571	0.02	2000	>LDR
Fe	56	2	He	14765.405	14765.405	0.49	97303035	0.02	200000	
Co	59	2	He	45.442	45.442	0.40	475283	0.01	2000	
Ni	60	2	He	45.672	45.672	1.00	120107	0.04	2000	
Cu	63	2	He	45.343	45.343	0.51	302813	0.01	2000	
Zn	66	2	He	48.133	48.133	1.51	72623	0.07	2000	
As	75	2	He	51.321	51.321	1.06	60908	0.08	2000	
Sb	121	2	He	44.952	44.952	0.14	339279	0.01	2000	
Se	78	2	He	46.821	46.821	0.92	5963	0.79	2000	
Ti	47	2	He	44.295	44.295	3.68	14075	0.31	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2139451	0.73	1905656	112.27	70	120	
In	115	1	nogas	2267304	0.87	2034779	111.43	70	120	
Li	6	1	nogas	687362	0.16	676732	101.57	70	120	
Bi	209	1	nogas	1881358	3.81	1711742	109.91	70	120	
Ge	72	2	He	894465	0.52	825316	108.38	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01PDS
Data File Name	316SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:07:36-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	89.124	89.124	0.81	300005	0.03	2000	
B	11	1	nogas	94.073	94.073	0.72	187167	0.05	2000	
Al	27	1	nogas	99.298	99.298	0.74	1189937	0.01	2000	
Ti	47	1	nogas	90.374	90.374	1.23	131609	0.07	2000	
Ni	60	1	nogas	90.697	90.697	0.68	370451	0.02	2000	
Cu	63	1	nogas	92.999	92.999	0.80	870783	0.01	2000	
Zn	66	1	nogas	91.614	91.614	0.77	258908	0.04	2000	
Se	77	1	nogas	105.099	105.099	3.12	18022	0.58	2000	
Se	82	1	nogas	93.848	93.848	1.54	17475	0.54	2000	
Sr	88	1	nogas	742.272	742.272	1.67	19975720	0.00	2000	
Mo	95	1	nogas	91.425	91.425	2.51	495699	0.02	2000	
Ag	107	1	nogas	88.629	88.629	2.73	1080211	0.01	2000	
Cd	111	1	nogas	88.724	88.724	2.96	238952	0.04	2000	
Sn	118	1	nogas	-0.395	-0.395	-3.73	2454	-0.02	2000	
Sb	121	1	nogas	95.602	95.602	0.77	995412	0.01	2000	
Ba	137	1	nogas	561.091	561.091	0.46	2523026	0.02	2000	
Tl	205	1	nogas	86.540	86.540	3.74	1929028	0.00	2000	
Pb	208	1	nogas	86.618	86.618	4.84	2732017	0.00	2000	
U	238	1	nogas	0.138	0.138	11.02	5041	0.00	2000	
Si	28	1	nogas	194719.886	194719.886	0.35	116835778	0.17	2000	>LDR
Na	23	2	He	71997.668	71997.668	0.52	89644115	0.08	200000	
Mg	24	2	He	27369.832	27369.832	1.07	21637590	0.13	200000	
Al	27	2	He	95.786	95.786	2.00	61904	0.15	2000	
K	39	2	He	12872.272	12872.272	1.19	14934207	0.09	200000	
Ca	43	2	He	112976.630	112976.630	0.52	410525	27.52	200000	
Ca	44	2	He	108352.206	108352.206	1.71	6566123	1.65	200000	
V	51	2	He	89.520	89.520	0.41	661100	0.01	2000	
Cr	52	2	He	90.065	90.065	0.35	691792	0.01	2000	
Mn	55	2	He	6991.874	6991.874	0.90	44958806	0.02	2000	>LDR
Fe	56	2	He	18864.077	18864.077	0.45	124786348	0.02	200000	
Co	59	2	He	90.047	90.047	0.45	945268	0.01	2000	
Ni	60	2	He	90.312	90.312	0.94	238122	0.04	2000	
Cu	63	2	He	89.357	89.357	0.23	598140	0.01	2000	
Zn	66	2	He	90.668	90.668	0.99	135858	0.07	2000	
As	75	2	He	96.190	96.190	1.13	114471	0.08	2000	
Sb	121	2	He	87.403	87.403	0.90	661854	0.01	2000	
Se	78	2	He	92.744	92.744	3.16	11581	0.80	2000	
Ti	47	2	He	86.997	86.997	0.66	27734	0.31	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2103020	0.43	1905656	110.36	70	120	
In	115	1	nogas	2239318	1.36	2034779	110.05	70	120	
Li	6	1	nogas	682015	0.22	676732	100.78	70	120	
Bi	209	1	nogas	1899398	3.60	1711742	110.96	70	120	
Ge	72	2	He	897900	0.44	825316	108.79	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	317_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:09:39-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	102.861	0.315	332220	0.50	100	102.9	90	110	
B	11	1	nogas	550.676	1.159	1016004	0.80	500	110.1	90	110	CCV Main CR1-2 Failed
Al	27	1	nogas	106.236	0.761	1261286	1.41	100	106.2	90	110	
P	31	1	nogas	512.150	0.545	379526	0.32	500	102.4	90	110	
Ti	47	1	nogas	103.136	1.031	149167	0.46	100	103.1	90	110	
Ni	60	1	nogas	105.364	0.288	427388	0.50	100	105.4	90	110	
Cu	63	1	nogas	108.592	0.885	1009737	1.34	100	108.6	90	110	
Zn	66	1	nogas	105.212	1.207	294991	1.07	100	105.2	90	110	
Se	77	1	nogas	107.404	2.851	18226	3.04	100	107.4	90	110	
Se	82	1	nogas	107.379	1.531	19834	2.12	100	107.4	90	110	
Sr	88	1	nogas	105.607	1.696	2814778	1.99	100	105.6	90	110	
Mo	95	1	nogas	104.957	2.188	563200	1.47	100	105.0	90	110	
Ag	107	1	nogas	109.386	2.166	1319501	1.44	100	109.4	90	110	
Cd	111	1	nogas	105.082	2.209	280108	1.51	100	105.1	90	110	
Sn	118	1	nogas	104.081	2.464	844149	1.76	100	104.1	90	110	
Sb	121	1	nogas	113.661	1.279	1175365	1.01	100	113.7	90	110	CCV Main CR1-2 Failed
Ba	137	1	nogas	104.704	1.925	466161	1.62	100	104.7	90	110	
Tl	205	1	nogas	102.465	4.369	2239221	1.38	100	102.5	90	110	
Pb	208	1	nogas	103.326	4.376	3195873	1.43	100	103.3	90	110	
U	238	1	nogas	101.196	3.295	3583457	0.55	100	101.2	90	110	
Li	7	1	nogas	106.764	1.148	1077868	0.47	100	106.8	90	110	
Si	28	1	nogas	5241.441	2.307	3687720	1.42	5000	104.8	90	110	
Ba	135	1	nogas	104.494	2.437	267825	1.71	100	104.5	90	110	
Tl	203	1	nogas	110.326	5.897	992046	2.61	100	110.3	90	110	CCV Main CR1-2 Failed
Na	23	2	He	10356.969	1.038	12718931	0.29	10000	103.6	90	110	
Mg	24	2	He	10413.229	1.305	8106121	0.85	10000	104.1	90	110	
Al	27	2	He	102.661	0.771	65141	0.72	100	102.7	90	110	
K	39	2	He	10438.299	0.305	11939220	1.14	10000	104.4	90	110	
Ca	43	2	He	10436.725	0.226	37428	1.07	10000	104.4	90	110	
Ca	44	2	He	10387.637	1.202	621309	1.91	10000	103.9	90	110	
V	51	2	He	103.741	0.303	753975	0.61	100	103.7	90	110	
Cr	52	2	He	106.493	0.321	804951	0.58	100	106.5	90	110	
Mn	55	2	He	107.357	0.511	681987	1.37	100	107.4	90	110	
Fe	56	2	He	10450.583	0.583	68071657	0.54	10000	104.5	90	110	
Co	59	2	He	105.700	0.900	1092414	0.61	100	105.7	90	110	
Ni	60	2	He	106.360	1.043	276038	0.86	100	106.4	90	110	
Cu	63	2	He	105.871	0.949	697573	1.27	100	105.9	90	110	
Zn	66	2	He	103.676	0.089	152713	0.78	100	103.7	90	110	
As	75	2	He	102.672	1.099	120281	0.74	100	102.7	90	110	
Sb	121	2	He	104.642	0.729	780087	0.70	100	104.6	90	110	
Se	78	2	He	103.473	0.892	12690	1.52	100	103.5	90	110	
Ti	47	2	He	102.653	0.652	32218	1.41	100	102.7	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2088970	0.68	1905656	109.62	70	120	
In	115	1	nogas	2216030	0.72	2034779	108.91	70	120	
Li	6	1	nogas	654392	0.76	676732	96.70	70	120	
Bi	209	1	nogas	1862325	3.44	1711742	108.80	70	120	
Ge	72	2	He	884047	0.87	825316	107.12	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	318_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:11:43-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.045	16.5	182	14.1	1	
B	11	1	nogas	23.038	9.4	52359	8.2	10	CCB Main CR1 Failed
Al	27	1	nogas	-0.998	-12.5	36135	4.3	5	
P	31	1	nogas	0.383	93.8	14719	2.3	10	
Ti	47	1	nogas	0.095	14.4	230	8.7	2.5	
Ni	60	1	nogas	-0.030	-60.5	427	17.0	2.5	
Cu	63	1	nogas	-0.029	-75.5	1397	14.5	2	
Zn	66	1	nogas	-0.293	-10.2	1533	5.3	2.5	
Se	77	1	nogas	-4.460	-8.7	2627	1.6	2.5	
Se	82	1	nogas	0.710	76.1	330	30.8	2	
Sr	88	1	nogas	0.095	7.8	4724	3.6	2.5	
Mo	95	1	nogas	0.765	10.6	4301	10.7	2.5	
Ag	107	1	nogas	0.029	19.1	433	16.2	2.5	
Cd	111	1	nogas	0.035	6.6	107	5.4	1	
Sn	118	1	nogas	-0.165	-22.0	4361	7.0	5	
Sb	121	1	nogas	0.629	10.9	7122	9.8	2.5	
Ba	137	1	nogas	0.065	20.3	620	10.1	2.5	
Tl	205	1	nogas	0.371	50.2	8463	51.9	1	
Pb	208	1	nogas	0.038	35.7	1857	25.4	2.5	
U	238	1	nogas	0.040	29.4	1543	30.2	2.5	
Si	28	1	nogas	-45.054	-23.3	557036	1.0	5	
Na	23	2	He	28.561	0.0	61506	0.6	100	
Mg	24	2	He	4.645	3.5	5284	2.4	100	
Al	27	2	He	-0.915	-53.5	1983	14.6	5	
K	39	2	He	-0.296	-435.9	79558	2.0	100	
Ca	43	2	He	16.160	167.2	153	62.7	100	
Ca	44	2	He	6.437	54.3	2000	10.1	100	
V	51	2	He	-0.032	-47.3	1782	6.1	2.5	
Cr	52	2	He	0.013	109.0	2280	5.4	2.5	
Mn	55	2	He	0.684	1.4	6601	1.4	2.5	
Fe	56	2	He	5.851	3.1	57977	1.9	100	
Co	59	2	He	0.020	40.1	367	23.2	2.5	
Ni	60	2	He	-0.006	-619.8	287	35.3	2.5	
Cu	63	2	He	-0.020	-81.0	767	14.3	2	
Zn	66	2	He	-0.553	-12.7	830	12.8	2.5	
As	75	2	He	0.167	6.2	340	2.9	2.5	
Sb	121	2	He	0.525	11.6	4254	10.3	2.5	
Se	78	2	He	0.488	30.1	334	5.8	2	
Ti	47	2	He	0.104	46.2	47	32.7	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2104602	0.54	1905656	110.44	70	120	
In	115	1	nogas	2258782	0.69	2034779	111.01	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	692746	0.13	676732	102.37	70	120	
Bi	209	1	nogas	1906010	2.16	1711742	111.35	70	120	
Ge	72	2	He	879006	0.59	825316	106.51	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	326_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:28:27-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	101.653	0.737	317701	0.41	100	101.7	90	110	
B	11	1	nogas	542.739	1.179	969188	1.89	500	108.5	90	110	
Al	27	1	nogas	105.418	2.651	1199101	1.06	100	105.4	90	110	
P	31	1	nogas	507.595	1.560	360455	0.31	500	101.5	90	110	
Ti	47	1	nogas	102.715	3.305	142287	1.74	100	102.7	90	110	
Ni	60	1	nogas	103.839	3.051	403421	1.32	100	103.8	90	110	
Cu	63	1	nogas	107.848	3.179	960433	1.39	100	107.8	90	110	
Zn	66	1	nogas	103.988	1.497	279327	0.44	100	104.0	90	110	
Se	77	1	nogas	106.209	3.416	17295	1.19	100	106.2	90	110	
Se	82	1	nogas	104.303	3.244	18456	1.45	100	104.3	90	110	
Sr	88	1	nogas	102.649	1.928	2689850	1.42	100	102.6	90	110	
Mo	95	1	nogas	100.758	1.486	531624	0.81	100	100.8	90	110	
Ag	107	1	nogas	106.573	2.371	1264031	1.91	100	106.6	90	110	
Cd	111	1	nogas	102.883	2.487	269633	1.44	100	102.9	90	110	
Sn	118	1	nogas	101.722	2.252	811314	1.55	100	101.7	90	110	
Sb	121	1	nogas	112.064	3.310	1109906	1.54	100	112.1	90	110	CCV Main CR1-2 Failed
Ba	137	1	nogas	102.653	3.005	449332	2.37	100	102.7	90	110	
Tl	205	1	nogas	103.888	3.802	2220444	0.55	100	103.9	90	110	
Pb	208	1	nogas	102.363	4.523	3096108	1.56	100	102.4	90	110	
U	238	1	nogas	102.012	3.257	3532659	0.85	100	102.0	90	110	
Li	7	1	nogas	105.470	0.377	1030968	0.65	100	105.5	90	110	
Si	28	1	nogas	5215.220	1.927	3518022	1.08	5000	104.3	90	110	
Ba	135	1	nogas	101.957	1.573	256956	1.04	100	102.0	90	110	
Tl	203	1	nogas	109.375	5.298	961944	2.22	100	109.4	90	110	
Na	23	2	He	10322.209	1.248	12094206	1.02	10000	103.2	90	110	
Mg	24	2	He	10328.264	0.706	7671083	1.09	10000	103.3	90	110	
Al	27	2	He	102.687	1.820	62169	2.27	100	102.7	90	110	
K	39	2	He	10287.852	0.834	11227688	1.38	10000	102.9	90	110	
Ca	43	2	He	10226.241	2.355	34986	1.88	10000	102.3	90	110	
Ca	44	2	He	10379.732	0.718	592264	0.28	10000	103.8	90	110	
V	51	2	He	103.267	0.680	716049	0.35	100	103.3	90	110	
Cr	52	2	He	105.942	0.891	763995	0.62	100	105.9	90	110	
Mn	55	2	He	107.018	0.428	648581	0.73	100	107.0	90	110	
Fe	56	2	He	10398.018	1.066	64616454	0.60	10000	104.0	90	110	
Co	59	2	He	104.982	0.670	1035155	0.33	100	105.0	90	110	
Ni	60	2	He	105.690	1.292	261695	0.79	100	105.7	90	110	
Cu	63	2	He	104.857	0.993	659141	0.81	100	104.9	90	110	
Zn	66	2	He	102.560	0.901	144146	1.23	100	102.6	90	110	
As	75	2	He	102.310	0.912	114354	0.91	100	102.3	90	110	
Sb	121	2	He	104.528	1.340	743443	1.34	100	104.5	90	110	
Se	78	2	He	104.264	0.398	12197	0.47	100	104.3	90	110	
Ti	47	2	He	104.279	3.735	31220	3.24	100	104.3	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2001438	1.77	1905656	105.03	70	120	
In	115	1	nogas	2178915	1.16	2034779	107.08	70	120	
Li	6	1	nogas	633239	0.73	676732	93.57	70	120	
Bi	209	1	nogas	1821150	3.30	1711742	106.39	70	120	
Ge	72	2	He	843424	0.59	825316	102.19	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	327_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:30:32-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.043	22.5	170	19.3	1	
B	11	1	nogas	22.452	8.9	49698	7.7	10	CCB Main CR1 Failed
Al	27	1	nogas	-1.193	-7.8	32705	3.5	5	
P	31	1	nogas	0.327	15.4	14165	0.9	10	
Ti	47	1	nogas	0.053	55.9	163	24.7	2.5	
Ni	60	1	nogas	0.003	523.4	543	13.6	2.5	
Cu	63	1	nogas	-0.023	-119.6	1400	16.6	2	
Zn	66	1	nogas	-0.284	-7.5	1503	3.8	2.5	
Se	77	1	nogas	-3.642	-27.5	2647	5.9	2.5	
Se	82	1	nogas	0.660	85.5	310	33.7	2	
Sr	88	1	nogas	0.160	9.9	6371	6.5	2.5	
Mo	95	1	nogas	0.458	16.9	2580	15.8	2.5	
Ag	107	1	nogas	0.024	24.1	367	19.2	2.5	
Cd	111	1	nogas	0.026	14.4	80	12.5	1	
Sn	118	1	nogas	-0.101	-64.8	4811	10.6	5	
Sb	121	1	nogas	0.412	9.8	4684	7.8	2.5	
Ba	137	1	nogas	0.167	21.4	1067	15.0	2.5	
Tl	205	1	nogas	0.391	48.3	8823	49.3	1	
Pb	208	1	nogas	0.036	17.7	1770	12.7	2.5	
U	238	1	nogas	0.050	21.8	1867	22.6	2.5	
Si	28	1	nogas	-40.566	-33.8	540119	0.4	5	
Na	23	2	He	35.968	5.0	68536	3.7	100	
Mg	24	2	He	6.298	9.5	6378	7.2	100	
Al	27	2	He	-1.291	-25.2	1707	11.6	5	
K	39	2	He	-2.304	-26.3	75090	0.5	100	
Ca	43	2	He	24.137	42.4	177	19.9	100	
Ca	44	2	He	11.520	20.0	2237	6.3	100	
V	51	2	He	-0.056	-19.9	1563	5.4	2.5	
Cr	52	2	He	0.017	152.9	2244	9.2	2.5	
Mn	55	2	He	0.972	9.0	8179	6.4	2.5	
Fe	56	2	He	6.019	2.9	57389	2.3	100	
Co	59	2	He	0.037	11.6	520	8.8	2.5	
Ni	60	2	He	-0.016	-206.5	253	32.2	2.5	
Cu	63	2	He	-0.019	-105.6	753	16.4	2	
Zn	66	2	He	-0.531	-16.2	837	15.1	2.5	
As	75	2	He	0.141	41.4	300	21.5	2.5	
Sb	121	2	He	0.285	8.2	2404	6.9	2.5	
Se	78	2	He	0.271	61.2	299	7.0	2	
Ti	47	2	He	0.065	76.6	33	45.8	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2031086	1.10	1905656	106.58	70	120	
In	115	1	nogas	2224608	0.39	2034779	109.33	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	672135	0.40	676732	99.32	70	120	
Bi	209	1	nogas	1893833	1.51	1711742	110.64	70	120	
Ge	72	2	He	854030	0.64	825316	103.48	70	120	

Sample Report

Sample Table

Sample Name	HS21010463-01
Data File Name	328SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:32:41-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677 Pb
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.043	0.043	23.93	167	0.03	2000	
B	11	1	nogas	89.819	89.819	0.42	175299	0.05	2000	
Al	27	1	nogas	11.150	11.150	0.27	169994	0.01	2000	
Ti	47	1	nogas	1.131	1.131	3.38	1680	0.07	2000	
Ni	60	1	nogas	0.894	0.894	13.60	4047	0.02	2000	
Cu	63	1	nogas	1.175	1.175	8.73	12218	0.01	2000	
Zn	66	1	nogas	5.467	5.467	3.40	17075	0.03	2000	
Se	77	1	nogas	7.084	7.084	44.74	4104	0.17	2000	
Se	82	1	nogas	0.761	0.761	39.66	327	0.23	2000	
Sr	88	1	nogas	635.637	635.637	1.24	17334908	0.00	2000	
Mo	95	1	nogas	1.820	1.820	3.14	10113	0.02	2000	
Ag	107	1	nogas	0.009	0.009	89.21	193	0.00	2000	
Cd	111	1	nogas	0.017	0.017	68.88	57	0.03	2000	
Sn	118	1	nogas	-0.426	-0.426	-5.65	2224	-0.02	2000	
Sb	121	1	nogas	0.140	0.140	9.84	1953	0.01	2000	
Ba	137	1	nogas	524.719	524.719	2.37	2390461	0.02	2000	
Tl	205	1	nogas	0.027	0.027	19.31	680	0.00	2000	
Pb	208	1	nogas	0.180	0.180	11.29	6171	0.00	2000	
U	238	1	nogas	0.330	0.330	2.97	11704	0.00	2000	
Si	28	1	nogas	130193.707	130193.707	2.24	75676912	0.17	2000	>LDR
Na	23	2	He	34931.806	34931.806	0.72	41385369	0.08	200000	
Mg	24	2	He	16890.363	16890.363	1.10	12702326	0.13	200000	
Al	27	2	He	10.094	10.094	4.10	8412	0.12	2000	
K	39	2	He	3093.584	3093.584	1.32	3473001	0.09	200000	
Ca	43	2	He	91598.354	91598.354	1.12	316621	28.93	200000	
Ca	44	2	He	89386.101	89386.101	0.28	5153166	1.73	200000	
V	51	2	He	0.103	0.103	4.34	2677	0.00	2000	
Cr	52	2	He	-0.035	-0.035	-71.35	1860	0.00	2000	
Mn	55	2	He	3292.907	3292.907	0.62	20142614	0.02	2000	>LDR
Fe	56	2	He	3431.622	3431.622	0.99	21608892	0.02	200000	
Co	59	2	He	0.349	0.349	6.47	3637	0.01	2000	
Ni	60	2	He	0.498	0.498	9.08	1540	0.03	2000	
Cu	63	2	He	0.855	0.855	5.03	6311	0.01	2000	
Zn	66	2	He	5.366	5.366	5.39	9139	0.06	2000	
As	75	2	He	2.176	2.176	6.37	2601	0.08	2000	
Sb	121	2	He	0.144	0.144	21.44	1387	0.01	2000	
Se	78	2	He	0.041	0.041	431.51	273	0.01	2000	
Ti	47	2	He	0.306	0.306	42.88	107	0.29	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2032877	2.10	1905656	106.68	70	120	
In	115	1	nogas	2269169	1.49	2034779	111.52	70	120	
Li	6	1	nogas	667742	0.18	676732	98.67	70	120	
Bi	209	1	nogas	1856154	5.38	1711742	108.44	70	120	
Ge	72	2	He	854109	0.51	825316	103.49	70	120	

Sample Report

Sample Table

Sample Name	HS21010463-02
Data File Name	329SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:34:46-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677 Pb
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.060	0.060	18.28	220	0.03	2000	
B	11	1	nogas	92.812	92.812	0.95	178041	0.05	2000	
Al	27	1	nogas	112.617	112.617	1.25	1303864	0.01	2000	
Ti	47	1	nogas	1.826	1.826	4.81	2670	0.07	2000	
Ni	60	1	nogas	3.224	3.224	8.11	13288	0.02	2000	
Cu	63	1	nogas	1.721	1.721	3.02	17222	0.01	2000	
Zn	66	1	nogas	107.616	107.616	2.08	294790	0.04	2000	
Se	77	1	nogas	10.834	10.834	11.72	4637	0.23	2000	
Se	82	1	nogas	1.097	1.097	50.37	390	0.28	2000	
Sr	88	1	nogas	896.669	896.669	1.48	23396359	0.00	2000	
Mo	95	1	nogas	3.110	3.110	1.59	16454	0.02	2000	
Ag	107	1	nogas	0.009	0.009	28.01	183	0.00	2000	
Cd	111	1	nogas	0.060	0.060	25.34	167	0.04	2000	
Sn	118	1	nogas	-0.451	-0.451	-4.09	1937	-0.02	2000	
Sb	121	1	nogas	0.172	0.172	12.18	2287	0.01	2000	
Ba	137	1	nogas	637.374	637.374	1.16	2778531	0.02	2000	
Tl	205	1	nogas	0.020	0.020	14.19	503	0.00	2000	
Pb	208	1	nogas	0.523	0.523	3.24	16227	0.00	2000	
U	238	1	nogas	0.133	0.133	6.14	4621	0.00	2000	
Si	28	1	nogas	156009.435	156009.435	1.82	90977892	0.17	2000	>LDR
Na	23	2	He	45485.654	45485.654	0.57	53481694	0.09	200000	
Mg	24	2	He	22524.550	22524.550	0.82	16812832	0.13	200000	
Al	27	2	He	111.332	111.332	2.14	67540	0.16	2000	
K	39	2	He	3733.758	3733.758	0.09	4144895	0.09	200000	
Ca	43	2	He	128965.341	128965.341	0.93	442436	29.15	200000	
Ca	44	2	He	126178.784	126178.784	0.46	7219398	1.75	200000	
V	51	2	He	0.677	0.677	0.81	6648	0.01	2000	
Cr	52	2	He	0.324	0.324	7.17	4441	0.01	2000	
Mn	55	2	He	4401.245	4401.245	0.36	26722005	0.02	2000	>LDR
Fe	56	2	He	8162.950	8162.950	0.30	50996328	0.02	200000	
Co	59	2	He	2.354	2.354	0.53	23475	0.01	2000	
Ni	60	2	He	2.665	2.665	7.10	6915	0.04	2000	
Cu	63	2	He	1.397	1.397	0.39	9683	0.01	2000	
Zn	66	2	He	107.674	107.674	2.02	152009	0.07	2000	
As	75	2	He	3.856	3.856	3.25	4467	0.09	2000	
Sb	121	2	He	0.171	0.171	10.87	1570	0.01	2000	
Se	78	2	He	0.162	0.162	105.75	285	0.06	2000	
Ti	47	2	He	0.808	0.808	8.57	257	0.31	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2041714	1.77	1905656	107.14	70	120	
In	115	1	nogas	2171092	1.12	2034779	106.70	70	120	
Li	6	1	nogas	657197	0.46	676732	97.11	70	120	
Bi	209	1	nogas	1794877	1.20	1711742	104.86	70	120	
Ge	72	2	He	847780	1.32	825316	102.72	70	120	

Sample Report

Sample Table

Sample Name	HS21010463-03
Data File Name	330SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:36:51-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677 Pb
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.062	0.062	4.51	230	0.03	2000	
B	11	1	nogas	96.657	96.657	1.24	186275	0.05	2000	
Al	27	1	nogas	9.001	9.001	2.93	149045	0.01	2000	
Ti	47	1	nogas	1.493	1.493	2.04	2234	0.07	2000	
Ni	60	1	nogas	4.531	4.531	2.89	18766	0.02	2000	
Cu	63	1	nogas	2.424	2.424	2.10	23986	0.01	2000	
Zn	66	1	nogas	2.119	2.119	4.75	8172	0.03	2000	
Se	77	1	nogas	11.085	11.085	13.12	4744	0.23	2000	
Se	82	1	nogas	1.564	1.564	11.15	480	0.33	2000	
Sr	88	1	nogas	901.292	901.292	0.70	23725251	0.00	2000	
Mo	95	1	nogas	2.177	2.177	3.93	11654	0.02	2000	
Ag	107	1	nogas	0.000	0.000	-695.73	73	0.00	2000	
Cd	111	1	nogas	0.022	0.022	121.52	70	0.03	2000	
Sn	118	1	nogas	-0.502	-0.502	-2.32	1543	-0.03	2000	
Sb	121	1	nogas	0.204	0.204	3.20	2657	0.01	2000	
Ba	137	1	nogas	590.702	590.702	2.07	2597902	0.02	2000	
Tl	205	1	nogas	0.009	0.009	6.24	283	0.00	2000	
Pb	208	1	nogas	0.453	0.453	1.91	14356	0.00	2000	
U	238	1	nogas	0.055	0.055	16.38	1953	0.00	2000	
Si	28	1	nogas	160780.829	160780.829	1.01	95241215	0.17	2000	>LDR
Na	23	2	He	61220.269	61220.269	0.87	72236379	0.08	200000	
Mg	24	2	He	23396.331	23396.331	1.53	17527016	0.13	200000	
Al	27	2	He	8.253	8.253	9.49	7298	0.11	2000	
K	39	2	He	3753.150	3753.150	1.39	4181355	0.09	200000	
Ca	43	2	He	130642.063	130642.063	0.50	449842	29.04	200000	
Ca	44	2	He	127391.007	127391.007	0.39	7315953	1.74	200000	
V	51	2	He	0.731	0.731	0.72	7049	0.01	2000	
Cr	52	2	He	0.060	0.060	74.33	2544	0.00	2000	
Mn	55	2	He	5659.406	5659.406	0.45	34486362	0.02	2000	>LDR
Fe	56	2	He	7440.798	7440.798	0.49	46654669	0.02	200000	
Co	59	2	He	7.378	7.378	1.92	73533	0.01	2000	
Ni	60	2	He	3.914	3.914	2.01	10060	0.04	2000	
Cu	63	2	He	1.998	1.998	2.13	13522	0.01	2000	
Zn	66	2	He	1.933	1.933	16.20	4287	0.05	2000	
As	75	2	He	3.962	3.962	2.33	4603	0.09	2000	
Sb	121	2	He	0.217	0.217	4.44	1907	0.01	2000	
Se	78	2	He	0.118	0.118	160.17	281	0.04	2000	
Ti	47	2	He	0.474	0.474	18.00	157	0.30	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2074085	0.63	1905656	108.84	70	120	
In	115	1	nogas	2190128	0.27	2034779	107.63	70	120	
Li	6	1	nogas	661342	0.44	676732	97.73	70	120	
Bi	209	1	nogas	1824731	3.75	1711742	106.60	70	120	
Ge	72	2	He	850892	0.95	825316	103.10	70	120	

Sample Report

Sample Table

Sample Name	HS21010463-04
Data File Name	331SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:38:57-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677 Pb
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.060	0.060	10.53	218	0.03	2000	
B	11	1	nogas	108.620	108.620	0.76	204356	0.05	2000	
Al	27	1	nogas	152.553	152.553	5.36	1706880	0.01	2000	
Ti	47	1	nogas	13.193	13.193	2.66	18266	0.07	2000	
Ni	60	1	nogas	27.150	27.150	0.44	105351	0.03	2000	
Cu	63	1	nogas	10.027	10.027	2.58	90287	0.01	2000	
Zn	66	1	nogas	531.002	531.002	1.18	1410111	0.04	2000	
Se	77	1	nogas	28.103	28.103	1.51	6818	0.41	2000	
Se	82	1	nogas	2.079	2.079	30.04	550	0.38	2000	
Sr	88	1	nogas	1967.250	1967.250	1.06	50381943	0.00	2000	>LDR
Mo	95	1	nogas	17.474	17.474	0.53	90263	0.02	2000	
Ag	107	1	nogas	0.089	0.089	5.66	1107	0.01	2000	
Cd	111	1	nogas	0.952	0.952	7.27	2450	0.04	2000	
Sn	118	1	nogas	-0.374	-0.374	-8.82	2497	-0.01	2000	
Sb	121	1	nogas	0.428	0.428	2.40	4754	0.01	2000	
Ba	137	1	nogas	972.334	972.334	1.73	4160135	0.02	2000	
Tl	205	1	nogas	0.099	0.099	5.12	2077	0.00	2000	
Pb	208	1	nogas	5.696	5.696	5.26	162971	0.00	2000	
U	238	1	nogas	5.030	5.030	6.08	164159	0.00	2000	
Si	28	1	nogas	163502.689	163502.689	0.79	92967382	0.18	2000	>LDR
Na	23	2	He	66507.104	66507.104	0.57	75213374	0.09	200000	
Mg	24	2	He	53822.983	53822.983	1.09	38646934	0.14	200000	
Al	27	2	He	156.183	156.183	2.04	90198	0.17	2000	
K	39	2	He	16929.302	16929.302	0.52	17816263	0.10	200000	
Ca	43	2	He	285058.187	285058.187	0.32	940670	30.30	200000	>LDR
Ca	44	2	He	276159.070	276159.070	0.53	15198183	1.82	200000	>LDR
V	51	2	He	5.663	5.663	0.41	39734	0.01	2000	
Cr	52	2	He	3.244	3.244	1.95	24583	0.01	2000	
Mn	55	2	He	4830.874	4830.874	0.45	28214663	0.02	2000	>LDR
Fe	56	2	He	3836.411	3836.411	0.54	23064465	0.02	200000	
Co	59	2	He	36.849	36.849	0.38	351422	0.01	2000	
Ni	60	2	He	26.586	26.586	0.85	63864	0.04	2000	
Cu	63	2	He	9.529	9.529	1.12	58680	0.02	2000	
Zn	66	2	He	565.293	565.293	0.73	761385	0.07	2000	
As	75	2	He	10.850	10.850	1.53	11847	0.09	2000	
Sb	121	2	He	0.392	0.392	3.28	3030	0.01	2000	
Se	78	2	He	0.454	0.454	86.97	306	0.15	2000	
Ti	47	2	He	6.958	6.958	7.41	2027	0.34	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1991043	0.62	1905656	104.48	70	120	
In	115	1	nogas	2131002	0.98	2034779	104.73	70	120	
Li	6	1	nogas	648434	0.32	676732	95.82	70	120	
Bi	209	1	nogas	1717654	4.43	1711742	100.35	70	120	
Ge	72	2	He	815524	0.22	825316	98.81	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	333_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:43:13-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	100.677	0.187	304945	0.12	100	100.7	90	110	
B	11	1	nogas	538.114	1.223	931269	1.16	500	107.6	90	110	
Al	27	1	nogas	104.866	0.201	1146120	1.21	100	104.9	90	110	
P	31	1	nogas	507.871	0.934	346401	0.97	500	101.6	90	110	
Ti	47	1	nogas	101.516	0.807	135105	1.43	100	101.5	90	110	
Ni	60	1	nogas	103.785	1.391	387342	0.85	100	103.8	90	110	
Cu	63	1	nogas	107.544	0.664	920101	1.02	100	107.5	90	110	
Zn	66	1	nogas	103.660	1.832	267449	1.65	100	103.7	90	110	
Se	77	1	nogas	108.126	2.585	16865	3.42	100	108.1	90	110	
Se	82	1	nogas	101.522	4.301	17262	3.99	100	101.5	90	110	
Sr	88	1	nogas	101.908	2.059	2562147	1.15	100	101.9	90	110	
Mo	95	1	nogas	100.745	1.784	509997	0.48	100	100.7	90	110	
Ag	107	1	nogas	106.284	1.080	1209609	1.14	100	106.3	90	110	
Cd	111	1	nogas	102.559	1.380	257985	2.87	100	102.6	90	110	
Sn	118	1	nogas	101.705	0.845	778436	1.71	100	101.7	90	110	
Sb	121	1	nogas	112.398	0.764	1069532	1.51	100	112.4	90	110	CCV Main CR1-2 Failed
Ba	137	1	nogas	102.752	1.300	431581	0.99	100	102.8	90	110	
Tl	205	1	nogas	100.684	2.241	2130701	0.99	100	100.7	90	110	
Pb	208	1	nogas	100.048	1.640	2996776	0.59	100	100.0	90	110	
U	238	1	nogas	100.377	1.163	3441547	0.51	100	100.4	90	110	
Li	7	1	nogas	104.581	0.429	991095	0.34	100	104.6	90	110	
Si	28	1	nogas	5114.859	2.615	3323795	0.91	5000	102.3	90	110	
Ba	135	1	nogas	101.523	1.077	245506	1.02	100	101.5	90	110	
Tl	203	1	nogas	106.982	3.079	931813	1.84	100	107.0	90	110	
Na	23	2	He	10285.390	1.634	11657975	1.08	10000	102.9	90	110	
Mg	24	2	He	10311.422	1.158	7408641	0.89	10000	103.1	90	110	
Al	27	2	He	102.868	1.580	60242	1.82	100	102.9	90	110	
K	39	2	He	10225.612	0.146	10796146	0.60	10000	102.3	90	110	
Ca	43	2	He	10215.570	2.938	33814	3.09	10000	102.2	90	110	
Ca	44	2	He	10276.213	0.596	567279	0.96	10000	102.8	90	110	
V	51	2	He	102.521	0.811	687710	0.13	100	102.5	90	110	
Cr	52	2	He	104.260	0.621	727433	1.29	100	104.3	90	110	
Mn	55	2	He	104.008	0.609	609871	1.27	100	104.0	90	110	
Fe	56	2	He	10354.508	0.339	62250944	0.62	10000	103.5	90	110	
Co	59	2	He	104.532	0.433	997145	0.84	100	104.5	90	110	
Ni	60	2	He	105.702	0.834	253215	1.50	100	105.7	90	110	
Cu	63	2	He	105.320	0.611	640473	0.48	100	105.3	90	110	
Zn	66	2	He	103.187	0.498	140288	0.55	100	103.2	90	110	
As	75	2	He	101.530	0.410	109787	0.91	100	101.5	90	110	
Sb	121	2	He	103.109	0.791	709483	1.41	100	103.1	90	110	
Se	78	2	He	102.124	0.522	11562	0.73	100	102.1	90	110	
Ti	47	2	He	101.488	1.921	29400	2.53	100	101.5	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1922159	1.30	1905656	100.87	70	120	
In	115	1	nogas	2090755	1.74	2034779	102.75	70	120	
Li	6	1	nogas	613693	0.07	676732	90.68	70	120	
Bi	209	1	nogas	1801994	1.27	1711742	105.27	70	120	
Ge	72	2	He	815936	0.68	825316	98.86	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	334_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:45:19-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.038	41.3	148	33.8	1	
B	11	1	nogas	20.222	10.6	44622	8.6	10	CCB Main CR1 Failed
Al	27	1	nogas	-1.287	-3.2	30939	0.4	5	
P	31	1	nogas	1.912	64.4	14916	5.9	10	
Ti	47	1	nogas	0.056	79.0	163	35.9	2.5	
Ni	60	1	nogas	-0.023	-96.9	430	20.7	2.5	
Cu	63	1	nogas	-0.035	-22.4	1257	4.4	2	
Zn	66	1	nogas	-0.254	-21.3	1550	10.4	2.5	
Se	77	1	nogas	-2.776	-30.8	2700	3.8	2.5	
Se	82	1	nogas	0.437	63.9	263	17.9	2	
Sr	88	1	nogas	0.086	14.3	4387	7.9	2.5	
Mo	95	1	nogas	0.476	16.2	2660	14.8	2.5	
Ag	107	1	nogas	0.020	24.8	327	19.7	2.5	
Cd	111	1	nogas	0.027	22.0	83	18.3	1	
Sn	118	1	nogas	-0.198	-18.5	4004	6.9	5	
Sb	121	1	nogas	0.367	9.0	4141	6.6	2.5	
Ba	137	1	nogas	0.100	8.9	763	6.1	2.5	
Tl	205	1	nogas	0.335	50.8	7492	50.5	1	
Pb	208	1	nogas	0.031	17.3	1600	11.3	2.5	
U	238	1	nogas	0.041	21.8	1537	21.2	2.5	
Si	28	1	nogas	-87.479	-15.9	501317	0.6	5	
Na	23	2	He	22.923	1.3	51530	0.4	100	
Mg	24	2	He	3.337	9.7	4030	6.3	100	
Al	27	2	He	-1.157	-20.0	1733	8.1	5	
K	39	2	He	-2.230	-29.5	72975	1.1	100	
Ca	43	2	He	0.851	1594.1	93	48.3	100	
Ca	44	2	He	7.123	102.3	1923	20.5	100	
V	51	2	He	-0.032	-31.0	1680	4.1	2.5	
Cr	52	2	He	0.000	1770.5	2057	0.7	2.5	
Mn	55	2	He	0.559	5.8	5484	4.0	2.5	
Fe	56	2	He	3.562	3.4	40705	1.3	100	
Co	59	2	He	0.026	33.7	397	21.7	2.5	
Ni	60	2	He	-0.035	-106.0	200	44.4	2.5	
Cu	63	2	He	-0.016	-106.9	750	14.7	2	
Zn	66	2	He	-0.579	-9.6	747	9.5	2.5	
As	75	2	He	0.146	22.0	298	11.2	2.5	
Sb	121	2	He	0.260	5.0	2157	3.5	2.5	
Se	78	2	He	0.326	160.7	297	19.7	2	
Ti	47	2	He	0.000	35337.2	13	86.6	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1984572	1.20	1905656	104.14	70	120	
In	115	1	nogas	2213227	0.97	2034779	108.77	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	659239	0.28	676732	97.41	70	120	
Bi	209	1	nogas	1877211	0.98	1711742	109.67	70	120	
Ge	72	2	He	829059	0.70	825316	100.45	70	120	

Sample Report

Sample Table

Sample Name	MBLK-161680
Data File Name	335SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:47:29-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.017	0.017	35.83	83	0.02	2000	
B	11	1	nogas	14.758	14.758	2.99	35149	0.04	2000	
Al	27	1	nogas	16.685	16.685	3.12	228688	0.01	2000	
Ti	47	1	nogas	0.122	0.122	31.63	257	0.05	2000	
Ni	60	1	nogas	0.106	0.106	29.80	937	0.01	2000	
Cu	63	1	nogas	0.258	0.258	9.35	3894	0.01	2000	
Zn	66	1	nogas	598.199	598.199	0.68	1602401	0.04	2000	
Se	77	1	nogas	-6.393	-6.393	-10.73	2247	-0.28	2000	
Se	82	1	nogas	0.269	0.269	74.18	237	0.11	2000	
Sr	88	1	nogas	0.270	0.270	5.00	9316	0.00	2000	
Mo	95	1	nogas	0.155	0.155	26.75	950	0.02	2000	
Ag	107	1	nogas	0.010	0.010	37.16	197	0.00	2000	
Cd	111	1	nogas	0.010	0.010	59.33	37	0.03	2000	
Sn	118	1	nogas	-0.358	-0.358	-4.02	2737	-0.01	2000	
Sb	121	1	nogas	0.111	0.111	5.38	1647	0.01	2000	
Ba	137	1	nogas	0.332	0.332	4.07	1803	0.02	2000	
Tl	205	1	nogas	0.025	0.025	4.19	643	0.00	2000	
Pb	208	1	nogas	0.030	0.030	13.11	1600	0.00	2000	
U	238	1	nogas	0.011	0.011	33.38	473	0.00	2000	
Si	28	1	nogas	440.509	440.509	7.64	808228	0.05	2000	
Na	23	2	He	64.493	64.493	0.72	100111	0.06	200000	
Mg	24	2	He	31.796	31.796	3.20	25000	0.13	200000	
Al	27	2	He	17.223	17.223	1.91	12341	0.14	2000	
K	39	2	He	15.388	15.388	8.55	92483	0.02	200000	
Ca	43	2	He	35.063	35.063	32.70	210	16.70	200000	
Ca	44	2	He	38.453	38.453	7.79	3707	1.04	200000	
V	51	2	He	-0.057	-0.057	-16.24	1522	0.00	2000	
Cr	52	2	He	0.240	0.240	2.44	3784	0.01	2000	
Mn	55	2	He	0.758	0.758	3.19	6721	0.01	2000	
Fe	56	2	He	13.713	13.713	0.37	103528	0.01	200000	
Co	59	2	He	0.015	0.015	21.48	297	0.01	2000	
Ni	60	2	He	0.165	0.165	26.23	693	0.02	2000	
Cu	63	2	He	0.284	0.284	9.72	2624	0.01	2000	
Zn	66	2	He	648.494	648.494	0.30	894899	0.07	2000	
As	75	2	He	0.082	0.082	51.47	229	0.04	2000	
Sb	121	2	He	0.115	0.115	15.41	1157	0.01	2000	
Se	78	2	He	0.286	0.286	102.71	295	0.10	2000	
Ti	47	2	He	0.146	0.146	35.67	57	0.26	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2008642	2.43	1905656	105.40	70	120	
In	115	1	nogas	2224368	1.51	2034779	109.32	70	120	
Li	6	1	nogas	670881	0.72	676732	99.14	70	120	

Sample Report

Bi	209	1	nogas	1884322	4.09	1711742	110.08	70	120	
Ge	72	2	He	835764	0.59	825316	101.27	70	120	

Sample Report

Sample Table

Sample Name	MBLKF1-161680
Data File Name	336SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:49:38-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.003	0.003	114.60	35	0.01	2000	
B	11	1	nogas	9.660	9.660	6.29	25574	0.04	2000	
Al	27	1	nogas	6.571	6.571	9.62	115693	0.01	2000	
Ti	47	1	nogas	0.035	0.035	53.44	133	0.03	2000	
Ni	60	1	nogas	-0.054	-0.054	-31.33	310	-0.02	2000	
Cu	63	1	nogas	1.633	1.633	6.61	15894	0.01	2000	
Zn	66	1	nogas	4.004	4.004	2.05	12761	0.03	2000	
Se	77	1	nogas	-4.841	-4.841	-25.83	2424	-0.20	2000	
Se	82	1	nogas	0.343	0.343	37.49	247	0.14	2000	
Sr	88	1	nogas	0.015	0.015	23.29	2414	0.00	2000	
Mo	95	1	nogas	0.070	0.070	19.83	470	0.01	2000	
Ag	107	1	nogas	-0.003	-0.003	-2.80	40	-0.01	2000	
Cd	111	1	nogas	-0.004	-0.004	0.00	0	#DIV/0!	2000	
Sn	118	1	nogas	-0.367	-0.367	-9.92	2550	-0.01	2000	
Sb	121	1	nogas	0.044	0.044	15.16	970	0.00	2000	
Ba	137	1	nogas	0.100	0.100	9.55	740	0.01	2000	
Tl	205	1	nogas	0.004	0.004	27.05	177	0.00	2000	
Pb	208	1	nogas	0.084	0.084	9.98	3300	0.00	2000	
U	238	1	nogas	0.001	0.001	90.28	100	0.00	2000	
Si	28	1	nogas	383.164	383.164	17.98	763115	0.05	2000	
Na	23	2	He	24.991	24.991	4.39	56400	0.04	200000	
Mg	24	2	He	15.658	15.658	3.37	13625	0.11	200000	
Al	27	2	He	6.156	6.156	3.85	6188	0.10	2000	
K	39	2	He	-4.656	-4.656	-13.19	73647	-0.01	200000	
Ca	43	2	He	-5.150	-5.150	-84.66	77	-6.72	200000	
Ca	44	2	He	-0.921	-0.921	-81.40	1543	-0.06	200000	
V	51	2	He	-0.083	-0.083	-12.15	1393	-0.01	2000	
Cr	52	2	He	-0.120	-0.120	-18.43	1260	-0.01	2000	
Mn	55	2	He	0.155	0.155	13.93	3227	0.00	2000	
Fe	56	2	He	1.153	1.153	24.34	27197	0.00	200000	
Co	59	2	He	0.001	0.001	652.67	167	0.00	2000	
Ni	60	2	He	-0.057	-0.057	-46.29	153	-0.04	2000	
Cu	63	2	He	1.576	1.576	5.37	11060	0.01	2000	
Zn	66	2	He	3.448	3.448	1.34	6538	0.05	2000	
As	75	2	He	-0.027	-0.027	-71.36	112	-0.02	2000	
Sb	121	2	He	0.056	0.056	40.40	770	0.01	2000	
Se	78	2	He	-0.159	-0.159	-197.65	253	-0.06	2000	
Ti	47	2	He	0.074	0.074	25.51	37	0.20	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1978932	4.81	1905656	103.85	70	120	
In	115	1	nogas	2138933	2.59	2034779	105.12	70	120	
Li	6	1	nogas	671503	3.91	676732	99.23	70	120	

Sample Report

Bi	209	1	nogas	1895332	1.64	1711742	110.73	70	120	
Ge	72	2	He	867419	0.27	825316	105.10	70	120	

Sample Report

Sample Table

Sample Name	LCS-161680
Data File Name	337SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:51:49-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	43.641	43.641	0.54	148178	0.03	2000	
B	11	1	nogas	9.961	9.961	1.35	26805	0.04	2000	
Al	27	1	nogas	55.004	55.004	0.89	663268	0.01	2000	
Ti	47	1	nogas	43.351	43.351	1.68	61592	0.07	2000	
Ni	60	1	nogas	46.161	46.161	1.69	184066	0.03	2000	
Cu	63	1	nogas	48.205	48.205	1.12	440800	0.01	2000	
Zn	66	1	nogas	52.740	52.740	1.23	146274	0.04	2000	
Se	77	1	nogas	41.011	41.011	2.89	8789	0.47	2000	
Se	82	1	nogas	47.021	47.021	4.52	8632	0.54	2000	
Sr	88	1	nogas	0.072	0.072	5.78	4037	0.00	2000	
Mo	95	1	nogas	42.111	42.111	2.57	227013	0.02	2000	
Ag	107	1	nogas	47.503	47.503	1.93	575586	0.01	2000	
Cd	111	1	nogas	45.317	45.317	2.29	121326	0.04	2000	
Sn	118	1	nogas	-0.521	-0.521	-3.96	1420	-0.04	2000	
Sb	121	1	nogas	48.744	48.744	1.67	495025	0.01	2000	
Ba	137	1	nogas	44.214	44.214	2.49	197894	0.02	2000	
Tl	205	1	nogas	44.663	44.663	3.68	1001545	0.00	2000	
Pb	208	1	nogas	44.224	44.224	3.11	1403982	0.00	2000	
U	238	1	nogas	0.002	0.002	101.23	160	0.00	2000	
Si	28	1	nogas	341.111	341.111	2.77	767405	0.04	2000	
Na	23	2	He	4687.590	4687.590	0.50	5658598	0.08	200000	
Mg	24	2	He	4747.546	4747.546	1.43	3624316	0.13	200000	
Al	27	2	He	52.714	52.714	1.11	34014	0.15	2000	
K	39	2	He	4643.393	4643.393	0.67	5250672	0.09	200000	
Ca	43	2	He	4434.429	4434.429	2.30	15647	28.34	200000	
Ca	44	2	He	4477.886	4477.886	0.23	263489	1.70	200000	
V	51	2	He	44.543	44.543	0.78	318522	0.01	2000	
Cr	52	2	He	45.922	45.922	1.71	341535	0.01	2000	
Mn	55	2	He	45.992	45.992	0.31	287736	0.02	2000	
Fe	56	2	He	4584.267	4584.267	0.62	29287345	0.02	200000	
Co	59	2	He	46.353	46.353	0.98	469777	0.01	2000	
Ni	60	2	He	46.180	46.180	0.72	117676	0.04	2000	
Cu	63	2	He	47.033	47.033	0.53	304318	0.02	2000	
Zn	66	2	He	53.170	53.170	1.48	77573	0.07	2000	
As	75	2	He	45.505	45.505	0.36	52348	0.09	2000	
Sb	121	2	He	45.695	45.695	0.64	334181	0.01	2000	
Se	78	2	He	47.880	47.880	0.76	5903	0.81	2000	
Ti	47	2	He	43.838	43.838	4.28	13495	0.32	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2050220	0.38	1905656	107.59	70	120	
In	115	1	nogas	2225868	1.37	2034779	109.39	70	120	
Li	6	1	nogas	687854	0.53	676732	101.64	70	120	

Sample Report

Bi	209	1	nogas	1909989	2.20	1711742	111.58	70	120	
Ge	72	2	He	866748	0.64	825316	105.02	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01SD
Data File Name	339SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:56:06-06:00
Sample Type	Sample
Dilution	5
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.010	0.052	102.15	60	0.02	2000	
B	11	1	nogas	29.333	146.666	2.68	61835	0.05	2000	
Al	27	1	nogas	1.619	8.097	5.63	63757	0.00	2000	
Ti	47	1	nogas	0.491	2.455	6.98	777	0.06	2000	
Ni	60	1	nogas	0.247	1.233	6.42	1497	0.02	2000	
Cu	63	1	nogas	1.510	7.551	3.28	15193	0.01	2000	
Zn	66	1	nogas	0.943	4.717	6.07	4807	0.02	2000	
Se	77	1	nogas	-2.309	-11.544	-104.68	2817	-0.08	2000	
Se	82	1	nogas	0.482	2.408	95.18	277	0.17	2000	
Sr	88	1	nogas	155.574	777.871	2.43	4118099	0.00	2000	
Mo	95	1	nogas	0.851	4.253	3.81	4647	0.02	2000	
Ag	107	1	nogas	-0.001	-0.005	-266.32	67	0.00	2000	
Cd	111	1	nogas	0.002	0.011	362.75	17	0.01	2000	
Sn	118	1	nogas	-0.475	-2.377	-3.40	1767	-0.03	2000	
Sb	121	1	nogas	0.152	0.761	12.48	2070	0.01	2000	
Ba	137	1	nogas	104.599	522.997	1.09	462715	0.02	2000	
Tl	205	1	nogas	0.017	0.084	24.87	457	0.00	2000	
Pb	208	1	nogas	0.069	0.347	7.09	2783	0.00	2000	
U	238	1	nogas	0.026	0.128	10.74	977	0.00	2000	
Si	28	1	nogas	40051.999	200259.994	1.08	23584959	0.17	2000	>LDR
Na	23	2	He	13556.047	67780.236	2.06	15976030	0.08	200000	
Mg	24	2	He	4030.184	20150.919	2.27	3013460	0.13	200000	
Al	27	2	He	1.330	6.650	57.90	3227	0.04	2000	
K	39	2	He	879.913	4399.563	1.22	1036969	0.08	200000	
Ca	43	2	He	21686.949	108434.745	2.64	74564	29.08	200000	
Ca	44	2	He	22335.901	111679.504	1.20	1280863	1.74	200000	
V	51	2	He	-0.013	-0.067	-76.80	1848	0.00	2000	
Cr	52	2	He	-0.006	-0.031	-303.93	2060	0.00	2000	
Mn	55	2	He	1503.170	7515.851	0.82	9140020	0.02	2000	
Fe	56	2	He	2171.090	10855.449	0.30	13594952	0.02	200000	
Co	59	2	He	0.060	0.300	11.69	747	0.01	2000	
Ni	60	2	He	0.165	0.825	20.65	703	0.02	2000	
Cu	63	2	He	1.376	6.880	3.31	9563	0.01	2000	
Zn	66	2	He	0.704	3.521	25.57	2560	0.03	2000	
As	75	2	He	1.018	5.089	5.76	1284	0.08	2000	
Sb	121	2	He	0.128	0.639	23.96	1263	0.01	2000	
Se	78	2	He	-0.020	-0.098	-938.33	264	-0.01	2000	
Ti	47	2	He	0.142	0.711	69.43	57	0.25	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2024968	0.90	1905656	106.26	70	120	
In	115	1	nogas	2201926	1.50	2034779	108.21	70	120	
Li	6	1	nogas	663430	0.36	676732	98.03	70	120	

Sample Report

Bi	209	1	nogas	1861724	3.09	1711742	108.76	70	120	
Ge	72	2	He	848897	1.19	825316	102.86	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01MS
Data File Name	340SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:58:14-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	43.893	43.893	0.76	142382	0.03	2000	
B	11	1	nogas	89.921	89.921	1.82	172702	0.05	2000	
Al	27	1	nogas	54.613	54.613	0.42	656499	0.01	2000	
Ti	47	1	nogas	44.903	44.903	1.05	63565	0.07	2000	
Ni	60	1	nogas	44.961	44.961	1.34	178661	0.03	2000	
Cu	63	1	nogas	45.429	45.429	0.23	414012	0.01	2000	
Zn	66	1	nogas	45.355	45.355	0.97	125653	0.04	2000	
Se	77	1	nogas	56.511	56.511	1.99	10873	0.52	2000	
Se	82	1	nogas	46.252	46.252	5.86	8462	0.55	2000	
Sr	88	1	nogas	766.877	766.877	1.00	19913357	0.00	2000	
Mo	95	1	nogas	45.952	45.952	0.96	240484	0.02	2000	
Ag	107	1	nogas	45.190	45.190	1.22	531561	0.01	2000	
Cd	111	1	nogas	44.049	44.049	1.55	114494	0.04	2000	
Sn	118	1	nogas	-0.509	-0.509	-0.37	1470	-0.03	2000	
Sb	121	1	nogas	47.389	47.389	0.77	479553	0.01	2000	
Ba	137	1	nogas	526.576	526.576	0.55	2284436	0.02	2000	
Tl	205	1	nogas	44.912	44.912	3.93	954087	0.00	2000	
Pb	208	1	nogas	43.983	43.983	4.02	1322659	0.00	2000	
U	238	1	nogas	0.123	0.123	8.57	4284	0.00	2000	
Si	28	1	nogas	195061.464	195061.464	0.83	113684485	0.17	2000	>LDR
Na	23	2	He	69703.541	69703.541	1.29	83044049	0.08	200000	
Mg	24	2	He	23529.633	23529.633	0.01	17799629	0.13	200000	
Al	27	2	He	54.091	54.091	4.08	34528	0.16	2000	
K	39	2	He	8457.420	8457.420	0.39	9415804	0.09	200000	
Ca	43	2	He	111276.905	111276.905	0.60	386906	28.76	200000	
Ca	44	2	He	108273.175	108273.175	0.49	6278440	1.72	200000	
V	51	2	He	44.062	44.062	0.21	312353	0.01	2000	
Cr	52	2	He	44.795	44.795	0.99	330298	0.01	2000	
Mn	55	2	He	7160.975	7160.975	1.29	44060883	0.02	2000	>LDR
Fe	56	2	He	14645.672	14645.672	0.36	92705692	0.02	200000	
Co	59	2	He	44.645	44.645	0.56	448509	0.01	2000	
Ni	60	2	He	44.996	44.996	0.79	113667	0.04	2000	
Cu	63	2	He	44.496	44.496	0.70	285433	0.02	2000	
Zn	66	2	He	45.333	45.333	2.30	65794	0.07	2000	
As	75	2	He	49.907	49.907	0.75	56897	0.09	2000	
Sb	121	2	He	43.671	43.671	1.72	316609	0.01	2000	
Se	78	2	He	45.973	45.973	2.44	5629	0.82	2000	
Ti	47	2	He	44.649	44.649	3.34	13625	0.33	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2042797	0.70	1905656	107.20	70	120	
In	115	1	nogas	2160439	0.37	2034779	106.18	70	120	
Li	6	1	nogas	657183	0.69	676732	97.11	70	120	
Bi	209	1	nogas	1809789	2.82	1711742	105.73	70	120	
Ge	72	2	He	859150	0.33	825316	104.10	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01MSD
Data File Name	341SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:00:21-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	44.944	44.944	1.16	146949	0.03	2000	
B	11	1	nogas	93.053	93.053	0.88	179890	0.05	2000	
Al	27	1	nogas	60.566	60.566	1.37	730023	0.01	2000	
Ti	47	1	nogas	47.039	47.039	3.04	67214	0.07	2000	
Ni	60	1	nogas	46.182	46.182	1.63	185262	0.02	2000	
Cu	63	1	nogas	47.131	47.131	1.00	433633	0.01	2000	
Zn	66	1	nogas	48.172	48.172	1.22	134626	0.04	2000	
Se	77	1	nogas	61.064	61.064	10.56	11597	0.53	2000	
Se	82	1	nogas	46.988	46.988	8.15	8679	0.54	2000	
Sr	88	1	nogas	771.068	771.068	3.74	20440912	0.00	2000	
Mo	95	1	nogas	47.666	47.666	2.76	254727	0.02	2000	
Ag	107	1	nogas	45.773	45.773	3.42	549715	0.01	2000	
Cd	111	1	nogas	44.734	44.734	5.50	118662	0.04	2000	
Sn	118	1	nogas	-0.447	-0.447	-7.78	1997	-0.02	2000	
Sb	121	1	nogas	48.749	48.749	1.23	498093	0.01	2000	
Ba	137	1	nogas	529.563	529.563	4.28	2345134	0.02	2000	
Tl	205	1	nogas	46.263	46.263	4.23	985037	0.00	2000	
Pb	208	1	nogas	45.333	45.333	3.84	1366484	0.00	2000	
U	238	1	nogas	0.132	0.132	4.44	4614	0.00	2000	
Si	28	1	nogas	201426.693	201426.693	1.45	118513245	0.17	2000	>LDR
Na	23	2	He	72182.561	72182.561	1.14	85440142	0.08	200000	
Mg	24	2	He	24363.122	24363.122	1.54	18310406	0.13	200000	
Al	27	2	He	59.857	59.857	1.65	37701	0.16	2000	
K	39	2	He	8817.984	8817.984	1.13	9750380	0.09	200000	
Ca	43	2	He	116138.909	116138.909	1.07	401194	28.95	200000	
Ca	44	2	He	111989.843	111989.843	1.14	6451909	1.74	200000	
V	51	2	He	46.276	46.276	0.80	325833	0.01	2000	
Cr	52	2	He	46.630	46.630	0.61	341526	0.01	2000	
Mn	55	2	He	7463.815	7463.815	0.53	45627899	0.02	2000	>LDR
Fe	56	2	He	15296.000	15296.000	0.91	96195189	0.02	200000	
Co	59	2	He	46.277	46.277	1.92	461875	0.01	2000	
Ni	60	2	He	46.399	46.399	1.18	116444	0.04	2000	
Cu	63	2	He	46.210	46.210	1.47	294469	0.02	2000	
Zn	66	2	He	48.987	48.987	1.29	70518	0.07	2000	
As	75	2	He	52.240	52.240	1.12	59165	0.09	2000	
Sb	121	2	He	46.546	46.546	0.74	335260	0.01	2000	
Se	78	2	He	48.550	48.550	0.91	5892	0.82	2000	
Ti	47	2	He	46.113	46.113	3.73	13979	0.33	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2062901	1.95	1905656	108.25	70	120	
In	115	1	nogas	2207661	3.80	2034779	108.50	70	120	
Li	6	1	nogas	662440	1.37	676732	97.89	70	120	
Bi	209	1	nogas	1814114	2.97	1711742	105.98	70	120	
Ge	72	2	He	853653	1.05	825316	103.43	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01PDS
Data File Name	342SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:02:29-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	90.440	90.440	0.91	293441	0.03	2000	
B	11	1	nogas	92.358	92.358	0.63	177248	0.05	2000	
Al	27	1	nogas	99.307	99.307	1.77	1176934	0.01	2000	
Ti	47	1	nogas	89.128	89.128	2.33	128361	0.07	2000	
Ni	60	1	nogas	88.668	88.668	1.59	358196	0.02	2000	
Cu	63	1	nogas	91.776	91.776	1.58	849912	0.01	2000	
Zn	66	1	nogas	91.642	91.642	1.15	256139	0.04	2000	
Se	77	1	nogas	106.772	106.772	3.99	18056	0.59	2000	
Se	82	1	nogas	96.141	96.141	1.84	17702	0.54	2000	
Sr	88	1	nogas	767.354	767.354	0.28	19937668	0.00	2000	
Mo	95	1	nogas	92.045	92.045	1.11	481896	0.02	2000	
Ag	107	1	nogas	89.561	89.561	1.12	1053968	0.01	2000	
Cd	111	1	nogas	90.009	90.009	2.38	234071	0.04	2000	
Sn	118	1	nogas	-0.461	-0.461	-1.30	1850	-0.02	2000	
Sb	121	1	nogas	94.874	94.874	1.32	976975	0.01	2000	
Ba	137	1	nogas	565.110	565.110	1.03	2453234	0.02	2000	
Tl	205	1	nogas	88.791	88.791	2.76	1873117	0.00	2000	
Pb	208	1	nogas	89.490	89.490	4.91	2670915	0.00	2000	
U	238	1	nogas	0.121	0.121	8.53	4197	0.00	2000	
Si	28	1	nogas	194540.392	194540.392	0.25	115446828	0.17	2000	>LDR
Na	23	2	He	73370.174	73370.174	0.19	88363919	0.08	200000	
Mg	24	2	He	27949.803	27949.803	0.14	21373479	0.13	200000	
Al	27	2	He	98.567	98.567	0.56	61546	0.16	2000	
K	39	2	He	13333.908	13333.908	0.68	14960953	0.09	200000	
Ca	43	2	He	115945.284	115945.284	0.84	407528	28.45	200000	
Ca	44	2	He	111545.035	111545.035	1.25	6538735	1.71	200000	
V	51	2	He	90.738	90.738	0.26	648147	0.01	2000	
Cr	52	2	He	91.286	91.286	0.47	678197	0.01	2000	
Mn	55	2	He	7178.563	7178.563	0.94	44648988	0.02	2000	>LDR
Fe	56	2	He	19236.658	19236.658	0.65	123086038	0.02	200000	
Co	59	2	He	90.898	90.898	0.24	922977	0.01	2000	
Ni	60	2	He	89.826	89.826	1.47	229081	0.04	2000	
Cu	63	2	He	91.041	91.041	0.82	589440	0.02	2000	
Zn	66	2	He	92.902	92.902	1.39	134605	0.07	2000	
As	75	2	He	97.809	97.809	0.28	112584	0.09	2000	
Sb	121	2	He	89.141	89.141	0.02	652923	0.01	2000	
Se	78	2	He	94.803	94.803	1.27	11445	0.83	2000	
Ti	47	2	He	88.687	88.687	1.32	27347	0.32	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2079931	0.38	1905656	109.15	70	120	
In	115	1	nogas	2161723	1.10	2034779	106.24	70	120	
Li	6	1	nogas	657356	0.68	676732	97.14	70	120	
Bi	209	1	nogas	1796886	2.77	1711742	104.97	70	120	
Ge	72	2	He	868513	0.25	825316	105.23	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	343_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:04:36-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	99.352	0.624	307387	0.63	100	99.4	90	110	
B	11	1	nogas	529.225	1.086	935703	1.69	500	105.8	90	110	
Al	27	1	nogas	100.134	1.448	1163969	1.07	100	100.1	90	110	
P	31	1	nogas	490.810	2.429	355852	1.09	500	98.2	90	110	
Ti	47	1	nogas	97.969	2.034	138415	0.71	100	98.0	90	110	
Ni	60	1	nogas	100.996	1.703	400215	1.10	100	101.0	90	110	
Cu	63	1	nogas	103.745	1.780	942424	1.61	100	103.7	90	110	
Zn	66	1	nogas	99.923	2.126	273821	2.26	100	99.9	90	110	
Se	77	1	nogas	99.762	5.261	16755	2.64	100	99.8	90	110	
Se	82	1	nogas	102.478	2.696	18496	1.23	100	102.5	90	110	
Sr	88	1	nogas	101.037	2.030	2631025	0.67	100	101.0	90	110	
Mo	95	1	nogas	100.460	1.700	526788	1.68	100	100.5	90	110	
Ag	107	1	nogas	104.899	2.116	1236446	1.50	100	104.9	90	110	
Cd	111	1	nogas	101.722	2.851	264959	2.60	100	101.7	90	110	
Sn	118	1	nogas	99.970	1.829	792512	1.33	100	100.0	90	110	
Sb	121	1	nogas	109.053	1.745	1101639	0.80	100	109.1	90	110	
Ba	137	1	nogas	100.638	1.647	437806	0.75	100	100.6	90	110	
Tl	205	1	nogas	101.692	3.996	2130352	1.51	100	101.7	90	110	
Pb	208	1	nogas	101.478	3.682	3008963	1.12	100	101.5	90	110	
U	238	1	nogas	101.087	3.560	3430936	1.14	100	101.1	90	110	
Li	7	1	nogas	103.399	0.531	1001427	0.81	100	103.4	90	110	
Si	28	1	nogas	5001.640	3.062	3463234	0.94	5000	100.0	90	110	
Ba	135	1	nogas	98.596	2.352	246930	1.26	100	98.6	90	110	
Tl	203	1	nogas	108.367	3.911	934447	1.39	100	108.4	90	110	
Na	23	2	He	10050.169	0.435	11751406	0.71	10000	100.5	90	110	
Mg	24	2	He	10126.149	1.036	7504782	0.95	10000	101.3	90	110	
Al	27	2	He	99.678	1.745	60289	2.17	100	99.7	90	110	
K	39	2	He	9955.782	1.054	10843907	0.53	10000	99.6	90	110	
Ca	43	2	He	10234.077	2.981	34946	3.66	10000	102.3	90	110	
Ca	44	2	He	10100.472	0.344	575157	0.53	10000	101.0	90	110	
V	51	2	He	100.463	0.165	695187	0.64	100	100.5	90	110	
Cr	52	2	He	102.853	1.030	740215	1.07	100	102.9	90	110	
Mn	55	2	He	104.034	0.386	629213	0.66	100	104.0	90	110	
Fe	56	2	He	10136.380	0.168	62860579	0.97	10000	101.4	90	110	
Co	59	2	He	103.022	0.193	1013714	0.98	100	103.0	90	110	
Ni	60	2	He	104.136	1.416	257297	0.64	100	104.1	90	110	
Cu	63	2	He	103.595	0.959	649830	0.73	100	103.6	90	110	
Zn	66	2	He	100.990	0.896	141655	0.18	100	101.0	90	110	
As	75	2	He	100.451	1.039	112042	1.19	100	100.5	90	110	
Sb	121	2	He	102.274	0.387	725868	0.44	100	102.3	90	110	
Se	78	2	He	102.386	2.119	11957	2.26	100	102.4	90	110	
Ti	47	2	He	100.094	2.815	29911	3.46	100	100.1	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2040923	1.71	1905656	107.10	70	120	
In	115	1	nogas	2165428	1.36	2034779	106.42	70	120	
Li	6	1	nogas	626881	1.08	676732	92.63	70	120	
Bi	209	1	nogas	1784736	2.61	1711742	104.26	70	120	
Ge	72	2	He	841638	0.80	825316	101.98	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	344_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:06:44-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.044	34.4	170	29.4	1	
B	11	1	nogas	18.890	11.5	42679	9.3	10	CCB Main CR1 Failed
Al	27	1	nogas	-1.381	-4.6	30308	1.8	5	
P	31	1	nogas	0.310	126.1	14009	0.8	10	
Ti	47	1	nogas	0.057	45.2	167	21.1	2.5	
Ni	60	1	nogas	-0.013	-86.8	473	9.8	2.5	
Cu	63	1	nogas	-0.022	-130.4	1390	18.4	2	
Zn	66	1	nogas	-0.253	-18.8	1570	8.3	2.5	
Se	77	1	nogas	-5.547	-6.1	2364	2.0	2.5	
Se	82	1	nogas	0.305	99.6	243	21.1	2	
Sr	88	1	nogas	0.085	8.7	4307	4.8	2.5	
Mo	95	1	nogas	0.595	11.5	3260	9.7	2.5	
Ag	107	1	nogas	0.031	21.8	450	16.8	2.5	
Cd	111	1	nogas	0.019	20.6	60	16.7	1	
Sn	118	1	nogas	-0.209	-14.2	3877	4.8	5	
Sb	121	1	nogas	0.548	9.3	5991	8.2	2.5	
Ba	137	1	nogas	0.097	23.1	743	14.3	2.5	
Tl	205	1	nogas	0.323	49.4	7175	50.0	1	
Pb	208	1	nogas	0.034	26.7	1697	17.9	2.5	
U	238	1	nogas	0.038	16.5	1430	17.0	2.5	
Si	28	1	nogas	-47.220	-26.5	530852	0.1	5	
Na	23	2	He	23.161	2.9	52786	1.5	100	
Mg	24	2	He	3.190	3.5	3997	2.8	100	
Al	27	2	He	-1.395	-13.3	1627	5.7	5	
K	39	2	He	-2.867	-63.0	73661	2.2	100	
Ca	43	2	He	-2.610	-233.6	83	25.0	100	
Ca	44	2	He	3.098	153.5	1733	16.3	100	
V	51	2	He	-0.063	-12.0	1497	4.6	2.5	
Cr	52	2	He	0.023	32.5	2264	2.6	2.5	
Mn	55	2	He	0.714	9.2	6525	5.6	2.5	
Fe	56	2	He	4.449	4.1	47003	2.9	100	
Co	59	2	He	0.024	38.8	383	23.7	2.5	
Ni	60	2	He	-0.043	-63.2	183	35.5	2.5	
Cu	63	2	He	0.001	4178.1	870	25.9	2	
Zn	66	2	He	-0.569	-22.2	773	22.3	2.5	
As	75	2	He	0.197	31.1	360	17.7	2.5	
Sb	121	2	He	0.461	8.3	3634	8.6	2.5	
Se	78	2	He	0.480	27.6	320	4.4	2	
Ti	47	2	He	-0.001	-2934.3	13	43.3	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2010569	1.48	1905656	105.51	70	120	
In	115	1	nogas	2189019	1.35	2034779	107.58	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	667367	0.46	676732	98.62	70	120	
Bi	209	1	nogas	1860044	1.24	1711742	108.66	70	120	
Ge	72	2	He	844807	1.22	825316	102.36	70	120	

Sample Report

Sample Table

Sample Name	HS21010463-01
Data File Name	350SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:19:38-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.041	0.041	34.35	157	0.03	2000	
B	11	1	nogas	91.599	91.599	0.79	172595	0.05	2000	
Al	27	1	nogas	9.515	9.515	3.05	151189	0.01	2000	
Ti	47	1	nogas	0.991	0.991	6.13	1477	0.07	2000	
Ni	60	1	nogas	0.916	0.916	5.66	4127	0.02	2000	
Cu	63	1	nogas	0.401	0.401	13.31	5207	0.01	2000	
Zn	66	1	nogas	4.135	4.135	3.77	13408	0.03	2000	
Se	77	1	nogas	6.099	6.099	23.80	3957	0.15	2000	
Se	82	1	nogas	1.108	1.108	38.13	387	0.29	2000	
Sr	88	1	nogas	692.761	692.761	1.63	18026541	0.00	2000	
Mo	95	1	nogas	1.856	1.856	9.93	9833	0.02	2000	
Ag	107	1	nogas	-0.002	-0.002	-147.79	57	0.00	2000	
Cd	111	1	nogas	0.007	0.007	88.73	30	0.02	2000	
Sn	118	1	nogas	-0.269	-0.269	-5.96	3364	-0.01	2000	
Sb	121	1	nogas	0.063	0.063	4.40	1180	0.01	2000	
Ba	137	1	nogas	550.934	550.934	0.69	2395348	0.02	2000	
Tl	205	1	nogas	0.002	0.002	229.25	120	0.00	2000	
Pb	208	1	nogas	0.011	0.011	55.52	983	0.00	2000	
U	238	1	nogas	0.338	0.338	2.79	11998	0.00	2000	
Si	28	1	nogas	132661.493	132661.493	2.49	76804876	0.17	2000	>LDR
Na	23	2	He	36252.504	36252.504	0.61	42224104	0.09	200000	
Mg	24	2	He	17647.436	17647.436	1.14	13047050	0.14	200000	
Al	27	2	He	9.546	9.546	4.12	7952	0.12	2000	
K	39	2	He	3229.810	3229.810	1.59	3561271	0.09	200000	
Ca	43	2	He	96195.941	96195.941	1.29	326870	29.43	200000	
Ca	44	2	He	94061.188	94061.188	0.75	5330604	1.76	200000	
V	51	2	He	0.128	0.128	9.26	2798	0.00	2000	
Cr	52	2	He	-0.078	-0.078	-32.23	1520	-0.01	2000	
Mn	55	2	He	3445.370	3445.370	0.14	20718594	0.02	2000	>LDR
Fe	56	2	He	3554.269	3554.269	0.30	22002115	0.02	200000	
Co	59	2	He	0.343	0.343	1.77	3514	0.01	2000	
Ni	60	2	He	0.530	0.530	5.12	1593	0.03	2000	
Cu	63	2	He	0.129	0.129	23.67	1663	0.01	2000	
Zn	66	2	He	3.790	3.790	5.42	6805	0.06	2000	
As	75	2	He	2.093	2.093	6.09	2465	0.08	2000	
Sb	121	2	He	0.061	0.061	8.09	780	0.01	2000	
Se	78	2	He	-0.174	-0.174	-225.91	243	-0.07	2000	
Ti	47	2	He	0.822	0.822	126.65	257	0.32	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2025108	2.10	1905656	106.27	70	120	
In	115	1	nogas	2165159	1.31	2034779	106.41	70	120	
Li	6	1	nogas	645199	0.34	676732	95.34	70	120	
Bi	209	1	nogas	1854427	3.74	1711742	108.34	70	120	
Ge	72	2	He	839650	0.77	825316	101.74	70	120	

Sample Report

Sample Table

Sample Name	HS21010463-02
Data File Name	351SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:21:48-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.049	0.049	23.66	178	0.03	2000	
B	11	1	nogas	100.461	100.461	1.27	185014	0.05	2000	
Al	27	1	nogas	7.622	7.622	1.54	129106	0.01	2000	
Ti	47	1	nogas	1.322	1.322	6.25	1923	0.07	2000	
Ni	60	1	nogas	3.048	3.048	1.83	12391	0.02	2000	
Cu	63	1	nogas	0.549	0.549	6.81	6485	0.01	2000	
Zn	66	1	nogas	91.873	91.873	1.87	247769	0.04	2000	
Se	77	1	nogas	13.819	13.819	5.91	4957	0.28	2000	
Se	82	1	nogas	0.852	0.852	61.83	340	0.25	2000	
Sr	88	1	nogas	966.189	966.189	1.92	24561820	0.00	2000	
Mo	95	1	nogas	3.275	3.275	3.06	16875	0.02	2000	
Ag	107	1	nogas	0.002	0.002	359.41	97	0.00	2000	
Cd	111	1	nogas	0.006	0.006	176.97	27	0.02	2000	
Sn	118	1	nogas	-0.419	-0.419	-8.93	2130	-0.02	2000	
Sb	121	1	nogas	0.144	0.144	8.81	1973	0.01	2000	
Ba	137	1	nogas	689.422	689.422	1.77	2928105	0.02	2000	
Tl	205	1	nogas	0.008	0.008	7.38	237	0.00	2000	
Pb	208	1	nogas	0.042	0.042	17.67	1800	0.00	2000	
U	238	1	nogas	0.127	0.127	8.30	4277	0.00	2000	
Si	28	1	nogas	168878.784	168878.784	1.43	96780449	0.17	2000	>LDR
Na	23	2	He	49154.351	49154.351	0.50	56365702	0.09	200000	
Mg	24	2	He	24624.422	24624.422	0.94	17926505	0.14	200000	
Al	27	2	He	7.616	7.616	4.68	6731	0.11	2000	
K	39	2	He	4073.660	4073.660	0.56	4403520	0.09	200000	
Ca	43	2	He	139121.100	139121.100	0.91	465487	29.89	200000	
Ca	44	2	He	135782.313	135782.313	0.52	7576949	1.79	200000	
V	51	2	He	0.649	0.649	3.74	6289	0.01	2000	
Cr	52	2	He	0.235	0.235	28.80	3710	0.01	2000	
Mn	55	2	He	4786.101	4786.101	0.76	28340981	0.02	2000	>LDR
Fe	56	2	He	8793.569	8793.569	0.53	53575696	0.02	200000	
Co	59	2	He	2.500	2.500	1.39	24313	0.01	2000	
Ni	60	2	He	2.436	2.436	4.08	6191	0.04	2000	
Cu	63	2	He	0.168	0.168	12.22	1877	0.01	2000	
Zn	66	2	He	93.740	93.740	2.05	129288	0.07	2000	
As	75	2	He	4.128	4.128	2.84	4654	0.09	2000	
Sb	121	2	He	0.141	0.141	8.13	1327	0.01	2000	
Se	78	2	He	-0.071	-0.071	-295.35	251	-0.03	2000	
Ti	47	2	He	0.239	0.239	29.35	83	0.29	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2007301	1.60	1905656	105.33	70	120	
In	115	1	nogas	2115713	2.59	2034779	103.98	70	120	
Li	6	1	nogas	632991	1.35	676732	93.54	70	120	
Bi	209	1	nogas	1743807	0.18	1711742	101.87	70	120	
Ge	72	2	He	826829	0.49	825316	100.18	70	120	

Sample Report

Sample Table

Sample Name	HS21010463-03
Data File Name	352SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:23:57-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.063	0.063	18.47	227	0.03	2000	
B	11	1	nogas	93.587	93.587	0.70	175749	0.05	2000	
Al	27	1	nogas	6.302	6.302	3.55	114030	0.01	2000	
Ti	47	1	nogas	1.382	1.382	6.76	1997	0.07	2000	
Ni	60	1	nogas	4.215	4.215	1.84	16848	0.03	2000	
Cu	63	1	nogas	0.788	0.788	10.80	8569	0.01	2000	
Zn	66	1	nogas	0.530	0.530	16.31	3644	0.01	2000	
Se	77	1	nogas	11.163	11.163	14.89	4577	0.24	2000	
Se	82	1	nogas	1.264	1.264	34.29	410	0.31	2000	
Sr	88	1	nogas	889.601	889.601	0.93	22774258	0.00	2000	
Mo	95	1	nogas	2.136	2.136	1.18	11127	0.02	2000	
Ag	107	1	nogas	-0.002	-0.002	-107.91	57	0.00	2000	
Cd	111	1	nogas	0.009	0.009	50.96	33	0.03	2000	
Sn	118	1	nogas	-0.546	-0.546	-1.26	1160	-0.05	2000	
Sb	121	1	nogas	0.088	0.088	11.45	1410	0.01	2000	
Ba	137	1	nogas	587.226	587.226	1.61	2511492	0.02	2000	
Tl	205	1	nogas	0.000	0.000	183.91	93	0.00	2000	
Pb	208	1	nogas	0.042	0.042	10.28	1877	0.00	2000	
U	238	1	nogas	0.044	0.044	7.69	1583	0.00	2000	
Si	28	1	nogas	160166.421	160166.421	0.86	91356825	0.18	2000	>LDR
Na	23	2	He	59970.790	59970.790	0.94	69548304	0.09	200000	
Mg	24	2	He	22850.287	22850.287	1.12	16824989	0.14	200000	
Al	27	2	He	6.468	6.468	16.41	6144	0.11	2000	
K	39	2	He	3655.045	3655.045	1.51	4003824	0.09	200000	
Ca	43	2	He	127052.455	127052.455	0.56	429976	29.55	200000	
Ca	44	2	He	123994.106	123994.106	0.71	6998370	1.77	200000	
V	51	2	He	0.684	0.684	3.40	6603	0.01	2000	
Cr	52	2	He	0.011	0.011	195.81	2154	0.00	2000	
Mn	55	2	He	5495.406	5495.406	0.88	32911550	0.02	2000	>LDR
Fe	56	2	He	7256.848	7256.848	0.58	44720894	0.02	200000	
Co	59	2	He	6.833	6.833	0.56	66941	0.01	2000	
Ni	60	2	He	3.676	3.676	3.03	9302	0.04	2000	
Cu	63	2	He	0.343	0.343	6.85	2990	0.01	2000	
Zn	66	2	He	0.307	0.307	43.71	1973	0.02	2000	
As	75	2	He	3.949	3.949	1.50	4509	0.09	2000	
Sb	121	2	He	0.087	0.087	15.86	957	0.01	2000	
Se	78	2	He	-0.190	-0.190	-86.09	241	-0.08	2000	
Ti	47	2	He	0.146	0.146	88.13	57	0.26	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1997146	1.28	1905656	104.80	70	120	
In	115	1	nogas	2130042	0.83	2034779	104.68	70	120	
Li	6	1	nogas	643600	0.50	676732	95.10	70	120	
Bi	209	1	nogas	1807546	4.71	1711742	105.60	70	120	
Ge	72	2	He	836280	0.58	825316	101.33	70	120	

Sample Report

Sample Table

Sample Name	HS21010463-04
Data File Name	353SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:26:06-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.008	0.008	40.43	50	0.02	2000	
B	11	1	nogas	110.372	110.372	0.99	201258	0.05	2000	
Al	27	1	nogas	17.147	17.147	1.62	227818	0.01	2000	
Ti	47	1	nogas	7.250	7.250	2.16	9903	0.07	2000	
Ni	60	1	nogas	24.931	24.931	2.27	95110	0.03	2000	
Cu	63	1	nogas	1.855	1.855	2.23	17682	0.01	2000	
Zn	66	1	nogas	244.775	244.775	0.79	639975	0.04	2000	
Se	77	1	nogas	30.247	30.247	0.32	6981	0.43	2000	
Se	82	1	nogas	1.257	1.257	18.01	400	0.31	2000	
Sr	88	1	nogas	1935.787	1935.787	1.26	48692798	0.00	2000	>LDR
Mo	95	1	nogas	12.451	12.451	1.03	63204	0.02	2000	
Ag	107	1	nogas	0.012	0.012	20.52	217	0.01	2000	
Cd	111	1	nogas	0.124	0.124	23.87	323	0.04	2000	
Sn	118	1	nogas	-0.489	-0.489	-4.01	1577	-0.03	2000	
Sb	121	1	nogas	0.369	0.369	4.87	4097	0.01	2000	
Ba	137	1	nogas	586.483	586.483	2.02	2464666	0.02	2000	
Tl	205	1	nogas	0.026	0.026	26.21	597	0.00	2000	
Pb	208	1	nogas	1.048	1.048	6.45	30448	0.00	2000	
U	238	1	nogas	0.711	0.711	5.37	23250	0.00	2000	
Si	28	1	nogas	163627.338	163627.338	1.70	91432412	0.18	2000	>LDR
Na	23	2	He	67077.869	67077.869	1.71	74034511	0.09	200000	
Mg	24	2	He	53871.551	53871.551	0.71	37754723	0.14	200000	
Al	27	2	He	17.003	17.003	8.55	11630	0.15	2000	
K	39	2	He	16877.047	16877.047	1.00	17335516	0.10	200000	
Ca	43	2	He	282182.899	282182.899	1.33	908860	31.05	200000	>LDR
Ca	44	2	He	273909.837	273909.837	1.30	14712589	1.86	200000	>LDR
V	51	2	He	2.986	2.986	0.84	21307	0.01	2000	
Cr	52	2	He	2.028	2.028	5.97	15730	0.01	2000	
Mn	55	2	He	4502.649	4502.649	0.56	25668188	0.02	2000	>LDR
Fe	56	2	He	794.456	794.456	0.48	4676413	0.02	200000	
Co	59	2	He	34.730	34.730	1.04	323277	0.01	2000	
Ni	60	2	He	24.467	24.467	0.54	57393	0.04	2000	
Cu	63	2	He	1.287	1.287	7.59	8439	0.02	2000	
Zn	66	2	He	249.632	249.632	1.37	328991	0.08	2000	
As	75	2	He	7.660	7.660	3.26	8201	0.09	2000	
Sb	121	2	He	0.332	0.332	10.70	2557	0.01	2000	
Se	78	2	He	0.039	0.039	338.71	254	0.02	2000	
Ti	47	2	He	2.046	2.046	20.54	590	0.35	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1956880	1.14	1905656	102.69	70	120	
In	115	1	nogas	2093032	0.82	2034779	102.86	70	120	
Li	6	1	nogas	628828	0.49	676732	92.92	70	120	
Bi	209	1	nogas	1716705	4.13	1711742	100.29	70	120	
Ge	72	2	He	796036	1.40	825316	96.45	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	355_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:30:29-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	95.239	0.354	284316	0.33	100	95.2	90	110	
B	11	1	nogas	504.035	1.530	860130	1.43	500	100.8	90	110	
Al	27	1	nogas	97.210	1.864	1063017	1.50	100	97.2	90	110	
P	31	1	nogas	474.831	1.058	323946	0.41	500	95.0	90	110	
Ti	47	1	nogas	96.004	2.183	127468	2.26	100	96.0	90	110	
Ni	60	1	nogas	97.682	1.012	363747	1.06	100	97.7	90	110	
Cu	63	1	nogas	100.948	1.572	861711	1.59	100	100.9	90	110	
Zn	66	1	nogas	97.318	1.907	250635	2.08	100	97.3	90	110	
Se	77	1	nogas	96.635	6.477	15343	4.24	100	96.6	90	110	
Se	82	1	nogas	95.883	3.066	16274	2.50	100	95.9	90	110	
Sr	88	1	nogas	95.845	1.425	2411064	1.96	100	95.8	90	110	
Mo	95	1	nogas	94.477	1.367	478468	0.78	100	94.5	90	110	
Ag	107	1	nogas	100.798	1.877	1147515	1.30	100	100.8	90	110	
Cd	111	1	nogas	96.900	1.426	243772	0.85	100	96.9	90	110	
Sn	118	1	nogas	95.681	2.202	732793	1.62	100	95.7	90	110	
Sb	121	1	nogas	106.651	2.134	1012361	1.71	100	106.7	90	110	
Ba	137	1	nogas	97.072	1.776	407875	1.30	100	97.1	90	110	
Tl	205	1	nogas	95.759	6.212	2006654	3.26	100	95.8	90	110	
Pb	208	1	nogas	95.780	2.534	2842970	1.02	100	95.8	90	110	
U	238	1	nogas	95.162	3.858	3232053	0.63	100	95.2	90	110	
Li	7	1	nogas	99.006	0.328	926999	0.31	100	99.0	90	110	
Si	28	1	nogas	4778.572	2.283	3133018	0.86	5000	95.6	90	110	
Ba	135	1	nogas	96.301	2.400	232954	1.84	100	96.3	90	110	
Tl	203	1	nogas	102.541	5.090	884632	1.70	100	102.5	90	110	
Na	23	2	He	9622.378	2.492	10883051	1.10	10000	96.2	90	110	
Mg	24	2	He	9753.328	0.945	6992611	0.98	10000	97.5	90	110	
Al	27	2	He	94.001	0.680	55133	1.49	100	94.0	90	110	
K	39	2	He	9495.627	0.801	10008698	0.68	10000	95.0	90	110	
Ca	43	2	He	9400.123	2.027	31056	2.58	10000	94.0	90	110	
Ca	44	2	He	9622.271	1.114	530103	0.98	10000	96.2	90	110	
V	51	2	He	95.940	0.735	642293	0.73	100	95.9	90	110	
Cr	52	2	He	98.326	0.838	684612	0.56	100	98.3	90	110	
Mn	55	2	He	98.186	1.313	574576	1.35	100	98.2	90	110	
Fe	56	2	He	9773.187	0.636	58628894	0.76	10000	97.7	90	110	
Co	59	2	He	98.917	0.234	941568	1.28	100	98.9	90	110	
Ni	60	2	He	99.824	1.175	238609	0.59	100	99.8	90	110	
Cu	63	2	He	99.551	0.278	604139	1.11	100	99.6	90	110	
Zn	66	2	He	98.215	0.222	133320	1.46	100	98.2	90	110	
As	75	2	He	96.417	0.519	104047	1.90	100	96.4	90	110	
Sb	121	2	He	98.494	0.528	676267	1.28	100	98.5	90	110	
Se	78	2	He	96.634	1.391	10931	1.95	100	96.6	90	110	
Ti	47	2	He	94.390	3.542	27277	2.44	100	94.4	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1917579	1.05	1905656	100.63	70	120	
In	115	1	nogas	2091305	0.61	2034779	102.78	70	120	
Li	6	1	nogas	604840	0.08	676732	89.38	70	120	
Bi	209	1	nogas	1786473	3.49	1711742	104.37	70	120	
Ge	72	2	He	814197	1.38	825316	98.65	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	356_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:32:40-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.028	25.9	115	19.9	1	
B	11	1	nogas	17.649	11.4	39093	8.7	10	CCB Main CR1 Failed
Al	27	1	nogas	-1.483	-2.7	28391	1.1	5	
P	31	1	nogas	2.086	52.1	14813	4.5	10	
Ti	47	1	nogas	0.055	13.6	160	6.3	2.5	
Ni	60	1	nogas	-0.021	-105.9	430	20.1	2.5	
Cu	63	1	nogas	-0.040	-35.9	1197	10.4	2	
Zn	66	1	nogas	-0.319	-23.4	1357	13.9	2.5	
Se	77	1	nogas	-4.783	-39.1	2400	10.8	2.5	
Se	82	1	nogas	0.670	68.7	300	27.3	2	
Sr	88	1	nogas	0.091	21.6	4481	9.7	2.5	
Mo	95	1	nogas	0.387	23.2	2164	19.9	2.5	
Ag	107	1	nogas	0.022	4.4	337	1.7	2.5	
Cd	111	1	nogas	0.029	47.8	87	40.5	1	
Sn	118	1	nogas	-0.203	-31.2	3931	11.3	5	
Sb	121	1	nogas	0.350	9.1	3917	8.4	2.5	
Ba	137	1	nogas	0.087	21.8	700	10.0	2.5	
Tl	205	1	nogas	0.323	46.2	7089	48.5	1	
Pb	208	1	nogas	0.026	24.2	1430	16.5	2.5	
U	238	1	nogas	0.041	42.5	1510	43.4	2.5	
Si	28	1	nogas	-83.330	-7.5	496392	0.3	5	
Na	23	2	He	18.938	1.0	46253	1.0	100	
Mg	24	2	He	3.873	10.8	4354	6.4	100	
Al	27	2	He	-1.530	-20.2	1497	11.1	5	
K	39	2	He	-4.432	-54.5	69568	3.1	100	
Ca	43	2	He	15.418	99.2	140	35.7	100	
Ca	44	2	He	7.619	57.6	1923	12.3	100	
V	51	2	He	-0.062	-14.0	1455	4.1	2.5	
Cr	52	2	He	-0.006	-672.4	1980	14.5	2.5	
Mn	55	2	He	0.696	2.7	6208	2.3	2.5	
Fe	56	2	He	3.430	0.7	39309	0.8	100	
Co	59	2	He	0.028	34.3	410	21.7	2.5	
Ni	60	2	He	-0.046	-63.8	170	42.4	2.5	
Cu	63	2	He	-0.018	-147.8	727	22.7	2	
Zn	66	2	He	-0.618	-4.2	683	4.7	2.5	
As	75	2	He	0.096	17.3	239	7.0	2.5	
Sb	121	2	He	0.263	14.2	2147	11.6	2.5	
Se	78	2	He	0.060	502.5	263	12.1	2	
Ti	47	2	He	0.104	105.5	43	74.2	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1955812	0.92	1905656	102.63	70	120	
In	115	1	nogas	2197102	1.90	2034779	107.98	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	646494	0.61	676732	95.53	70	120	
Bi	209	1	nogas	1827931	2.83	1711742	106.79	70	120	
Ge	72	2	He	816722	0.59	825316	98.96	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	380_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:25:14-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	91.596	0.647	282530	0.31	100	91.6	90	110	
B	11	1	nogas	492.870	1.825	869172	1.50	500	98.6	90	110	
Al	27	1	nogas	96.186	1.751	1134802	0.40	100	96.2	90	110	
P	31	1	nogas	457.416	2.144	337050	0.80	500	91.5	90	110	
Ti	47	1	nogas	93.877	2.720	134403	1.31	100	93.9	90	110	
Ni	60	1	nogas	95.543	2.628	383660	1.46	100	95.5	90	110	
Cu	63	1	nogas	98.251	2.114	904442	0.72	100	98.3	90	110	
Zn	66	1	nogas	95.037	3.252	263961	1.93	100	95.0	90	110	
Se	77	1	nogas	94.189	8.612	16207	5.82	100	94.2	90	110	
Se	82	1	nogas	95.509	1.201	17485	1.02	100	95.5	90	110	
Sr	88	1	nogas	94.352	1.780	2550065	1.23	100	94.4	90	110	
Mo	95	1	nogas	91.256	0.944	496624	1.25	100	91.3	90	110	
Ag	107	1	nogas	97.509	1.474	1192840	1.36	100	97.5	90	110	
Cd	111	1	nogas	93.742	2.316	253420	2.60	100	93.7	90	110	
Sn	118	1	nogas	92.439	0.965	760970	1.17	100	92.4	90	110	
Sb	121	1	nogas	101.976	2.364	1043896	1.04	100	102.0	90	110	
Ba	137	1	nogas	92.883	1.542	419398	1.85	100	92.9	90	110	
Tl	205	1	nogas	93.058	4.059	2052324	1.39	100	93.1	90	110	
Pb	208	1	nogas	92.397	3.964	2884062	0.75	100	92.4	90	110	
U	238	1	nogas	92.743	4.262	3313228	1.01	100	92.7	90	110	
Li	7	1	nogas	95.433	0.437	924833	0.50	100	95.4	90	110	
Si	28	1	nogas	4595.710	3.291	3271295	1.30	5000	91.9	90	110	
Ba	135	1	nogas	93.164	1.144	242189	1.45	100	93.2	90	110	
Tl	203	1	nogas	99.003	4.520	898598	1.33	100	99.0	90	110	
Na	23	2	He	9271.032	1.379	10865994	0.53	10000	92.7	90	110	
Mg	24	2	He	9322.453	1.711	6924446	1.17	10000	93.2	90	110	
Al	27	2	He	94.300	1.373	57290	0.79	100	94.3	90	110	
K	39	2	He	9242.729	1.177	10095353	0.79	10000	92.4	90	110	
Ca	43	2	He	9151.671	3.560	31320	2.70	10000	91.5	90	110	
Ca	44	2	He	9325.672	0.770	532336	0.32	10000	93.3	90	110	
V	51	2	He	94.137	0.684	652983	0.51	100	94.1	90	110	
Cr	52	2	He	96.518	0.759	696305	0.72	100	96.5	90	110	
Mn	55	2	He	95.348	0.454	578160	0.83	100	95.3	90	110	
Fe	56	2	He	9507.528	0.570	59093136	0.82	10000	95.1	90	110	
Co	59	2	He	96.997	0.685	956551	0.67	100	97.0	90	110	
Ni	60	2	He	97.626	1.190	241778	0.62	100	97.6	90	110	
Cu	63	2	He	98.486	0.244	619236	0.84	100	98.5	90	110	
Zn	66	2	He	95.179	1.275	133897	1.22	100	95.2	90	110	
As	75	2	He	94.302	0.994	105424	0.61	100	94.3	90	110	
Sb	121	2	He	95.457	0.445	679038	0.71	100	95.5	90	110	
Se	78	2	He	93.564	2.360	10973	1.78	100	93.6	90	110	
Ti	47	2	He	92.922	1.130	27828	1.32	100	92.9	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2068155	1.40	1905656	108.53	70	120	
In	115	1	nogas	2247107	0.55	2034779	110.43	70	120	
Li	6	1	nogas	624951	0.34	676732	92.35	70	120	
Bi	209	1	nogas	1879191	3.33	1711742	109.78	70	120	
Ge	72	2	He	843540	1.05	825316	102.21	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	381_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:27:27-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.034	27.3	135	22.2	1	
B	11	1	nogas	11.274	12.8	28032	9.1	10	CCB Main CR1 Failed
Al	27	1	nogas	-0.013	-663.2	46972	0.8	5	
P	31	1	nogas	-2.812	-32.2	12288	4.0	10	
Ti	47	1	nogas	1.109	170.0	1710	161.1	2.5	
Ni	60	1	nogas	-0.006	-481.4	517	22.4	2.5	
Cu	63	1	nogas	0.022	65.6	1853	6.5	2	
Zn	66	1	nogas	-0.252	-20.8	1630	9.9	2.5	
Se	77	1	nogas	-4.274	-105.7	2620	22.7	2.5	
Se	82	1	nogas	0.238	73.2	240	12.5	2	
Sr	88	1	nogas	0.048	16.6	3490	6.3	2.5	
Mo	95	1	nogas	0.374	28.8	2197	27.2	2.5	
Ag	107	1	nogas	0.032	23.4	483	19.2	2.5	
Cd	111	1	nogas	0.031	33.8	97	29.9	1	
Sn	118	1	nogas	-0.232	-7.3	3877	3.7	5	
Sb	121	1	nogas	0.294	11.6	3590	10.7	2.5	
Ba	137	1	nogas	0.083	11.5	713	6.3	2.5	
Tl	205	1	nogas	0.319	52.3	7462	54.6	1	
Pb	208	1	nogas	0.053	5.8	2397	6.8	2.5	
U	238	1	nogas	0.041	37.3	1613	38.6	2.5	
Si	28	1	nogas	-49.403	-36.9	548558	1.0	5	
Na	23	2	He	10.855	4.9	38613	1.5	100	
Mg	24	2	He	2.632	7.0	3604	3.5	100	
Al	27	2	He	0.230	234.5	2590	12.3	5	
K	39	2	He	-6.344	-9.3	70325	0.5	100	
Ca	43	2	He	6.888	215.0	117	44.0	100	
Ca	44	2	He	2.642	90.5	1717	7.9	100	
V	51	2	He	-0.072	-13.0	1440	4.9	2.5	
Cr	52	2	He	-0.017	-149.1	1983	8.9	2.5	
Mn	55	2	He	0.166	27.2	3230	8.8	2.5	
Fe	56	2	He	5.584	2.9	54393	1.7	100	
Co	59	2	He	0.027	48.4	420	31.0	2.5	
Ni	60	2	He	-0.033	-49.6	210	19.0	2.5	
Cu	63	2	He	0.022	22.8	1007	3.5	2	
Zn	66	2	He	-0.626	-21.4	700	27.1	2.5	
As	75	2	He	0.152	19.2	312	10.9	2.5	
Sb	121	2	He	0.224	9.7	1957	8.2	2.5	
Se	78	2	He	0.267	82.5	297	8.4	2	
Ti	47	2	He	0.032	156.9	23	65.5	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2082546	1.26	1905656	109.28	70	120	
In	115	1	nogas	2299184	0.34	2034779	112.99	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	657525	0.40	676732	97.16	70	120	
Bi	209	1	nogas	1948663	3.03	1711742	113.84	70	120	
Ge	72	2	He	850026	0.38	825316	102.99	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV2
Data File Name	383LCV2.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:32:01-06:00
Sample Type	LLCCV2
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	1.793	1.664	5836	2.22	2	89.6	70	120	
B	11	1	nogas	14.463	0.459	33866	0.97	10	144.6	70	120	NewName Main CR1 Failed
Al	27	1	nogas	2.145	3.968	70919	2.52	2	107.3	70	120	
P	31	1	nogas	5.732	8.324	18199	2.38	10	57.3	70	120	NewName Main CR1 Failed
Ti	47	1	nogas	1.784	5.314	2637	4.49	2	89.2	70	120	
Ni	60	1	nogas	1.997	5.528	8529	4.79	2	99.9	70	120	
Cu	63	1	nogas	2.117	1.539	21039	0.40	2	105.8	70	120	
Zn	66	1	nogas	1.509	4.074	6451	1.68	2	75.4	70	120	
Se	77	1	nogas	-2.092	-103.476	2900	9.26	2	-104.6	70	120	NewName Main CR1 Failed
Se	82	1	nogas	1.747	42.547	510	25.94	2	87.3	70	120	
Sr	88	1	nogas	1.929	2.463	55753	0.92	2	96.5	70	120	
Mo	95	1	nogas	1.737	0.992	9840	3.06	2	86.9	70	120	
Ag	107	1	nogas	1.953	1.840	24651	1.16	2	97.7	70	120	
Cd	111	1	nogas	1.787	1.314	4981	3.48	2	89.4	70	120	
Sn	118	1	nogas	1.370	1.322	17362	2.31	2	68.5	70	120	NewName Main CR1 Failed
Sb	121	1	nogas	2.052	6.794	21497	5.70	2	102.6	70	120	
Ba	137	1	nogas	1.822	5.384	8786	5.32	2	91.1	70	120	
Tl	205	1	nogas	1.945	1.738	43618	1.76	2	97.3	70	120	
Pb	208	1	nogas	1.899	3.852	60755	2.63	2	94.9	70	120	
Pb	206	1	nogas	1.831	5.416	14937	3.72	2	91.5	70	120	
Pb	207	1	nogas	1.900	4.645	13609	3.17	2	95.0	70	120	
U	238	1	nogas	1.881	2.650	68228	1.66	2	94.0	70	120	
Li	7	1	nogas	1.926	6.428	64801	1.22	2	96.3	70	120	
Ba	135	1	nogas	1.773	7.123	4947	5.75	2	88.6	70	120	
Tl	203	1	nogas	2.023	1.917	18641	0.38	2	101.1	70	120	
Na	23	2	He	207.535	0.856	270429	1.82	200	103.8	70	120	
Mg	24	2	He	202.717	1.245	153351	0.34	200	101.4	70	120	
Al	27	2	He	2.259	14.912	3780	5.72	2	112.9	70	120	
K	39	2	He	189.751	1.769	284546	0.33	200	94.9	70	120	
Ca	43	2	He	198.943	22.262	777	19.33	200	99.5	70	120	
Ca	44	2	He	181.754	2.247	11991	1.42	200	90.9	70	120	
V	51	2	He	1.798	2.384	14481	3.44	2	89.9	70	120	
Cr	52	2	He	2.063	1.963	17061	1.02	2	103.2	70	120	
Mn	55	2	He	2.067	1.071	14803	1.06	2	103.3	70	120	
Fe	56	2	He	212.336	1.039	1349038	0.47	200	106.2	70	120	
Co	59	2	He	1.923	3.228	19254	1.83	2	96.1	70	120	
Ni	60	2	He	2.051	2.658	5404	2.00	2	102.5	70	120	
Cu	63	2	He	2.011	2.256	13592	1.61	2	100.5	70	120	
Zn	66	2	He	1.326	13.005	3437	8.07	2	66.3	70	120	NewName Main CR1 Failed
As	75	2	He	1.846	5.396	2217	3.66	2	92.3	70	120	
Se	77	2	He	1.817	82.740	107	51.63	2	90.8	70	120	
Sb	121	2	He	1.976	0.263	14513	1.64	2	98.8	70	120	
Se	78	2	He	1.870	22.460	483	11.04	2	93.5	70	120	
Ti	47	2	He	1.876	8.447	580	9.60	2	93.8	70	120	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2063487	1.19	1905656	108.28	70	120	
In	115	1	nogas	2310902	2.20	2034779	113.57	70	120	
Li	6	1	nogas	656663	0.67	676732	97.03	70	120	
Bi	209	1	nogas	1905188	1.73	1711742	111.30	70	120	
Ge	72	2	He	850168	1.39	825316	103.01	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV5
Data File Name	384LCV5.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:34:18-06:00
Sample Type	LLCCV5
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	4.280	2.293	13875	2.25	5	85.6	70	130	
B	11	1	nogas	28.554	1.542	59682	1.66	25	114.2	70	130	
Al	27	1	nogas	4.958	3.141	101804	2.39	5	99.2	70	130	
P	31	1	nogas	21.211	6.749	28846	0.82	25	84.8	70	130	
Ti	47	1	nogas	4.645	3.157	6665	1.48	5	92.9	70	130	
Ni	60	1	nogas	4.723	3.118	19284	4.87	5	94.5	70	130	
Cu	63	1	nogas	4.986	3.346	46940	1.26	5	99.7	70	130	
Zn	66	1	nogas	4.473	3.754	14473	1.96	5	89.5	70	130	
Se	77	1	nogas	-0.910	-164.536	3044	9.35	5	-18.2	70	130	NewName Main CR1 Failed
Se	82	1	nogas	3.928	6.027	897	4.22	5	78.6	70	130	
Sr	88	1	nogas	4.775	2.443	133178	0.86	5	95.5	70	130	
Mo	95	1	nogas	4.278	4.399	23759	2.49	5	85.6	70	130	
Ag	107	1	nogas	4.722	3.008	58767	1.51	5	94.4	70	130	
Cd	111	1	nogas	4.620	3.392	12698	1.52	5	92.4	70	130	
Sn	118	1	nogas	4.071	3.405	39571	1.64	5	81.4	70	130	
Sb	121	1	nogas	5.048	0.659	51669	2.28	5	101.0	70	130	
Ba	137	1	nogas	4.473	3.103	20833	1.70	5	89.5	70	130	
Tl	205	1	nogas	4.677	5.515	106557	0.79	5	93.5	70	130	
Pb	208	1	nogas	4.528	6.219	146497	1.41	5	90.6	70	130	
U	238	1	nogas	4.532	5.831	167173	1.17	5	90.6	70	130	
Li	7	1	nogas	4.502	1.195	89656	0.38	5	90.0	70	130	
Si	28	1	nogas	186.543	21.813	675824	0.66	25	746.2	70	130	NewName Main CR1 Failed
Na	23	2	He	500.314	0.553	614435	0.97	500	100.1	70	130	
Mg	24	2	He	495.724	0.931	372033	0.32	500	99.1	70	130	
Al	27	2	He	5.292	8.937	5551	6.03	5	105.8	70	130	
K	39	2	He	473.975	0.909	594078	0.68	500	94.8	70	130	
Ca	43	2	He	491.089	8.333	1780	8.92	500	98.2	70	130	
Ca	44	2	He	465.744	1.393	28235	1.25	500	93.1	70	130	
V	51	2	He	4.525	0.557	33432	1.67	5	90.5	70	130	
Cr	52	2	He	4.785	1.275	36733	2.17	5	95.7	70	130	
Mn	55	2	He	4.590	1.337	30118	2.21	5	91.8	70	130	
Fe	56	2	He	489.749	2.133	3080998	1.85	500	97.9	70	130	
Co	59	2	He	4.841	2.200	48186	3.36	5	96.8	70	130	
Ni	60	2	He	4.945	2.266	12601	2.57	5	98.9	70	130	
Cu	63	2	He	5.024	2.083	32603	1.62	5	100.5	70	130	
Zn	66	2	He	4.174	3.530	7415	3.95	5	83.5	70	130	
As	75	2	He	4.602	5.694	5312	6.34	5	92.0	70	130	
Sb	121	2	He	4.734	2.379	34214	2.36	5	94.7	70	130	
Se	78	2	He	4.861	2.400	826	1.98	5	97.2	70	130	
Ti	47	2	He	4.414	12.430	1343	12.69	5	88.3	70	130	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2046653	2.86	1905656	107.40	70	120	
In	115	1	nogas	2283665	1.92	2034779	112.23	70	120	
Li	6	1	nogas	655700	0.34	676732	96.89	70	120	
Bi	209	1	nogas	1941457	4.89	1711742	113.42	70	120	
Ge	72	2	He	848746	1.20	825316	102.84	70	120	

Interference Check Solution A (ICS-A) Report

Sample Table

Sample Name	ICSA
Data File Name	385ICSA.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:36:34-06:00
Sample Type	ICSA
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.004	199.1	33	60.6	0	ICSA Main CR1 Failed
B	11	1	nogas	6.450	6.8	17099	3.7	0	ICSA Main CR1 Failed
Al	27	1	nogas	85530.368	1.0	907038013	0.7	0	
P	31	1	nogas	83315.964	1.2	55144713	0.7	0	
Ti	47	1	nogas	1791.829	0.2	2403924	1.6	0	
Ni	60	1	nogas	0.774	7.0	3414	4.6	0	ICSA Main CR1 Failed
Cu	63	1	nogas	1.076	5.9	10800	3.6	0	ICSA Main CR1 Failed
Zn	66	1	nogas	1.102	11.4	5011	5.0	0	ICSA Main CR1 Failed
Se	77	1	nogas	17.619	2.9	5281	2.2	0	
Se	82	1	nogas	0.397	70.8	250	17.4	0	ICSA Main CR1 Failed
Sr	88	1	nogas	1.002	1.4	26099	2.9	0	ICSA Main CR1 Failed
Mo	95	1	nogas	1786.206	1.4	8688635	0.9	0	
Ag	107	1	nogas	0.011	24.3	197	16.3	0	ICSA Main CR1 Failed
Cd	111	1	nogas	1.439	5.8	3487	5.9	0	ICSA Main CR1 Failed
Sn	118	1	nogas	-0.365	-8.1	2420	8.3	0	ICSA Main CR1 Failed
Sb	121	1	nogas	0.046	33.2	963	16.5	0	ICSA Main CR1 Failed
Ba	137	1	nogas	0.075	21.7	590	9.4	0	ICSA Main CR1 Failed
Tl	205	1	nogas	0.023	39.7	547	37.0	0	ICSA Main CR1 Failed
Pb	208	1	nogas	0.045	12.0	1867	6.5	0	ICSA Main CR1 Failed
Si	28	1	nogas	106.617	8.1	596579	0.8	0	
Na	23	2	He	99252.855	1.1	103998532	0.8	0	
Mg	24	2	He	99616.124	1.3	66274696	0.1	0	
Al	27	2	He	88397.378	0.9	46072679	1.4	0	
K	39	2	He	99091.136	0.0	96303805	1.2	0	
Ca	43	2	He	95284.254	0.4	291435	1.4	0	
Ca	44	2	He	94346.154	0.9	4812770	2.0	0	
V	51	2	He	-0.029	-83.5	1548	10.8	0	ICSA Main CR1 Failed
Cr	52	2	He	0.939	4.4	7925	4.4	0	ICSA Main CR1 Failed
Mn	55	2	He	0.078	78.3	2397	14.2	0	ICSA Main CR1 Failed
Fe	56	2	He	101391.521	0.4	564433858	1.2	0	
Co	59	2	He	0.195	4.3	1860	4.7	0	ICSA Main CR1 Failed
Ni	60	2	He	0.278	12.4	877	8.6	0	ICSA Main CR1 Failed
Cu	63	2	He	0.303	10.9	2480	8.6	0	ICSA Main CR1 Failed
Zn	66	2	He	-0.175	-13.1	1183	2.1	0	ICSA Main CR1 Failed
As	75	2	He	0.153	4.2	278	3.0	0	ICSA Main CR1 Failed
Sb	121	2	He	0.044	39.6	590	19.5	0	ICSA Main CR1 Failed
Se	78	2	He	-0.030	-123.4	234	2.3	0	ICSA Main CR1 Failed
Ti	47	2	He	1902.256	0.1	510155	1.3	0	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1938742	1.51	1905656	101.74	70	120	
In	115	1	nogas	2009250	1.66	2034779	98.75	70	120	
Li	6	1	nogas	586887	0.53	676732	86.72	70	120	
Bi	209	1	nogas	1702074	2.96	1711742	99.44	70	120	
Ge	72	2	He	755729	1.17	825316	91.57	70	120	

Interference Check Solution AB (ICS-AB) Report

Sample Table

Sample Name	ICSAB
Data File Name	386ICSB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:38:48-06:00
Sample Type	ICSB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	99.095	0.647	280783	1.47	100	99.1	80	120	
B	11	1	nogas	533.069	0.416	863049	1.23	100	533.1	80	120	
Al	27	1	nogas	86572.506	1.482	921414013	1.08	100	86572.5	80	120	ICSB Main CR1 Failed
Ti	47	1	nogas	1919.892	0.529	2585001	1.37	100	1919.9	80	120	ICSB Main CR1 Failed
Ni	60	1	nogas	96.083	2.745	363040	2.61	100	96.1	80	120	
Cu	63	1	nogas	99.254	2.661	859661	2.39	100	99.3	80	120	
Zn	66	1	nogas	99.110	2.834	258915	2.02	100	99.1	80	120	
Se	77	1	nogas	126.478	1.817	19457	2.83	100	126.5	80	120	
Se	82	1	nogas	105.954	1.070	18233	2.39	100	106.0	80	120	
Sr	88	1	nogas	103.147	1.559	2560202	2.27	100	103.1	80	120	
Mo	95	1	nogas	1865.823	0.809	9322271	1.08	100	1865.8	80	120	ICSB Main CR1 Failed
Ag	107	1	nogas	119.414	1.327	1341496	1.68	100	119.4	80	120	
Cd	111	1	nogas	100.104	0.758	248513	1.59	100	100.1	80	120	
Sn	118	1	nogas	100.236	0.519	757344	1.58	100	100.2	80	120	
Sb	121	1	nogas	108.214	2.578	1042232	2.01	100	108.2	80	120	
Ba	137	1	nogas	100.146	1.671	415204	1.50	100	100.1	80	120	
Tl	205	1	nogas	99.865	2.877	1981786	1.45	100	99.9	80	120	
Pb	208	1	nogas	100.276	3.446	2816445	2.37	100	100.3	80	120	
U	238	1	nogas	101.664	2.815	3268380	1.46	100	101.7	80	120	
Si	28	1	nogas	5015.025	2.572	3309530	1.16	100	5015.0	80	120	ICSB Main CR1 Failed
Na	23	2	He	108560.110	0.583	115713895	0.48	100	108560.1	80	120	
Mg	24	2	He	108029.410	0.838	73115294	0.36	100	108029.4	80	120	
Al	27	2	He	87711.073	0.715	46503326	1.03	100	87711.1	80	120	ICSB Main CR1 Failed
K	39	2	He	107434.900	0.407	106207262	1.00	100	107434.9	80	120	
Ca	43	2	He	105540.813	0.899	328373	1.71	100	105540.8	80	120	
Ca	44	2	He	103267.179	1.224	5358295	1.61	100	103267.2	80	120	
V	51	2	He	101.432	0.581	641119	1.33	100	101.4	80	120	
Cr	52	2	He	103.351	0.843	679379	0.92	100	103.4	80	120	
Mn	55	2	He	99.893	0.652	551918	0.35	100	99.9	80	120	
Fe	56	2	He	110424.992	0.998	625291697	0.60	100	110425.0	80	120	
Co	59	2	He	102.688	0.897	922895	0.90	100	102.7	80	120	
Ni	60	2	He	100.238	1.192	226245	1.42	100	100.2	80	120	
Cu	63	2	He	99.565	0.733	570498	0.44	100	99.6	80	120	
Zn	66	2	He	100.996	1.820	129402	1.99	100	101.0	80	120	
As	75	2	He	102.391	0.166	104315	0.93	100	102.4	80	120	
Sb	121	2	He	102.837	0.768	666691	1.41	100	102.8	80	120	
Se	78	2	He	106.454	0.090	11346	0.92	100	106.5	80	120	
Ti	47	2	He	2021.621	0.883	551535	1.73	100	2021.6	80	120	

QC ISTD Table

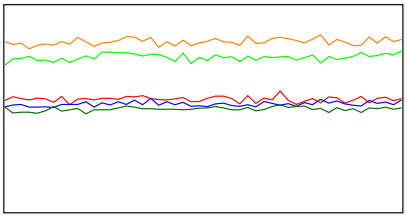
Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1945866	1.85	1905656	102.11	70	120	
In	115	1	nogas	2063605	1.28	2034779	101.42	70	120	
Li	6	1	nogas	574064	0.83	676732	84.83	70	120	
Bi	209	1	nogas	1689984	1.62	1711742	98.73	70	120	
Ge	72	2	He	768758	0.85	825316	93.15	70	120	

Tune Check Report

Operator Name	ALSHS NoUser
Acq/Data Batch	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq. Date-Time	1/26/2021 9:56:17 AM
Report Comment	---
Instrument Name	G3281A JP11080910

[nogas]

Sensitivity



Sampling Period [sec]	0.514
Integration Time [sec]	0.1

Mass	Range	Count	Resp [cps/ug/l]	Resp (Required) [cps/ug/l]	Resp (Flag)
9	10000	5465	54649.40		
24	20000	14998	149983.15		
59	50000	26120	261196.20		
115	50000	41272	412717.96		
208	50000	24916	249162.75		

Mass	Resp Ratio	Resp Ratio (Required)	Resp Ratio (Flag)
9		-	
24		-	
59		-	
115		-	
208		-	

Mass	RSD%	RSD% (Required)	RSD% (Flag)
9	2.346	5.000	
24	2.151	5.000	
59	2.084	5.000	
115	1.944	5.000	
208	1.979	5.000	

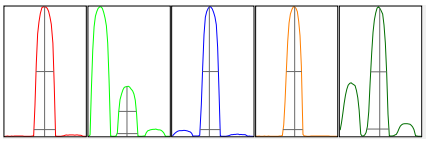
Mass	Background	Background (Required)	Background (Flag)
9	1.500		
24	0.300		
59	1.100		
115	1.700		
208	2.900		

Oxide/Doubly Charged Ratio

Oxide	156 / 140 0.708 %
Doubly Charged	70 / 140 1.020 %

Tune Check Report

Resolution/Axis



Integration Time [sec]	0.1
Acquisition Time [sec]	37.4
Y Axis	Linear

Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	5461.06	9.00	8.90 - 9.10	
24	14834.21	23.95	23.90 - 24.10	
59	26363.62	58.90	58.90 - 59.10	
115	41534.98	114.95	114.90 - 115.10	
208	24739.72	208.00	207.90 - 208.10	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.64	0.783		
24	0.64	0.757		
59	0.58	0.734		
115	0.56	0.719		
208	0.58	0.807		

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.60 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	---
RF Matching	1.70 V	Nebulizer Pump	0.10 rps	Plasma Gas	---
Sample Depth	8.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.0 V	Deflect	10.0 V
Extract 2	-200.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9990	QP Bias	-3.0 V
Mass Offset	127	Axis Offset	0.07		

Hardware Settings

Torch

Torch H	0.0 mm	Torch V	0.2 mm		

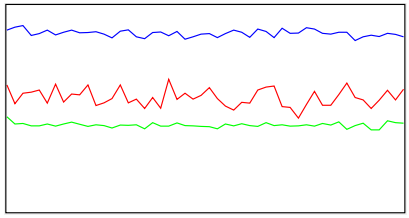
EM

Discriminator	4.5 mV	Analog HV	1565 V	Pulse HV	1217 V

[He]

Tune Check Report

Sensitivity



Sampling Period [sec]	0.306
Integration Time [sec]	0.1

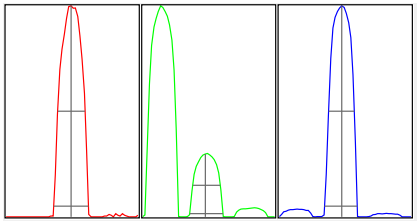
Mass	Range	Count	Resp [cps/ug/l]	Resp (Required) [cps/ug/l]	Resp (Flag)
9	500	277	2768.60		
24	5000	2099	20994.44		
59	20000	17306	173059.96		

Mass	Resp Ratio	Resp Ratio (Required)	Resp Ratio (Flag)
9		-	
24		-	
59		-	

Mass	RSD%	RSD% (Required)	RSD% (Flag)
9	7.460	5.000	Fail
24	2.693	5.000	
59	1.841	5.000	

Mass	Background	Background (Required)	Background (Flag)
9			
24			
59			

Resolution/Axis



Integration Time [sec]	0.1
Acquisition Time [sec]	22.24
Y Axis	Linear

Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	276.53	9.00	8.90 - 9.10	
24	2115.99	23.95	23.90 - 24.10	
59	17287.12	58.95	58.90 - 59.10	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.782		
24	0.62	0.742		
59	0.57	0.732		

Tune Parameters

Plasma Parameters

Tune Check Report

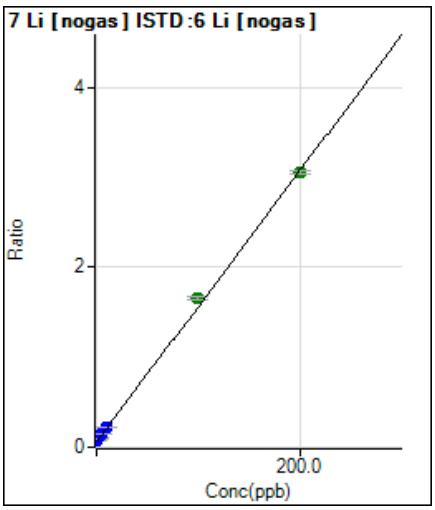
Plasma Mode	---	Nebulizer Gas	0.60 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	---
RF Matching	1.70 V	Nebulizer Pump	0.10 rps	Plasma Gas	---
Sample Depth	8.0 mm	S/C Temp	2 °C		
Lens Parameters					
Extract 1	0.0 V	Omega Lens	8.0 V	Deflect	2.0 V
Extract 2	-200.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-60 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.2 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	190 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9990	QP Bias	-13.0 V
Mass Offset	127	Axis Offset	0.07		
Hardware Settings					
Torch					
Torch H	0.0 mm	Torch V	0.2 mm		
EM					
Discriminator	4.5 mV	Analog HV	1565 V	Pulse HV	1217 V

Calibration for 161_ICV.d

Batch Folder: C:\Agilent\ICPMH\1\DATA\012721A.b\
Analysis File: 012721A.batch.bin
DA Date-Time: 1/27/2021 8:13:35 PM
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	152CALB.d	CAL BLK	1/27/2021 7:46:09 PM
2	153CALS.d	2/10/200	1/27/2021 7:48:10 PM
3	154CALS.d	5/25/500	1/27/2021 7:50:12 PM
4	155CALS.d	10/50/1000	1/27/2021 7:52:13 PM
5	156CALS.d	100/500/10K	1/27/2021 7:54:14 PM
6	159CALS.d	200/1000/20K	1/27/2021 8:01:35 PM
7			

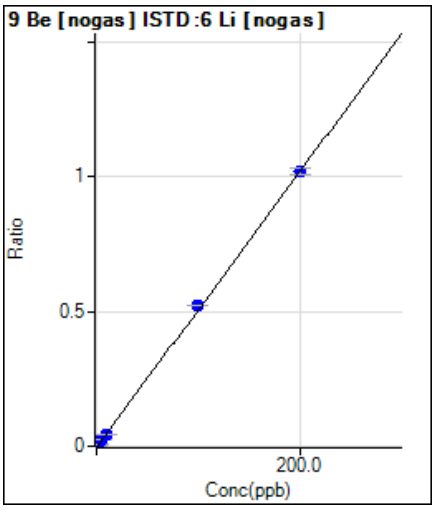
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	74422.12	0.0743	P	1.3	
2	☐	2.000	1.791	102080.03	0.1013	P	1.5	-10.4
3	☐	5.000	4.583	146499.75	0.1434	P	0.6	-8.3
4	☐	10.000	9.487	221285.78	0.2174	P	0.7	-5.1
5	☐	100.000	104.858	1467573.99	1.6560	A	1.5	4.9
6	☐	200.000	197.609	2681353.40	3.0551	A	1.2	-1.2
7	☐	1.000						

y = 0.0151 * x + 0.0743
R = 0.9996
DL = 0.1901 ppb
BEC = 4.925 ppb

Weight: <None>
Min Conc: <None>

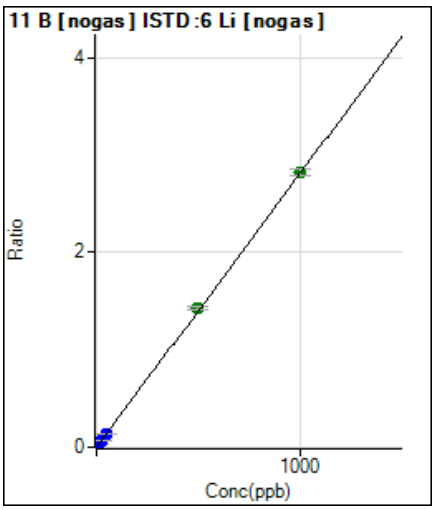


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	28.33	0.0000	P	36.8	
2	☐	2.000	1.765	9145.55	0.0091	P	1.0	-11.7
3	☐	5.000	4.356	22840.24	0.0224	P	1.2	-12.9
4	☐	10.000	8.852	46220.13	0.0454	P	2.5	-11.5
5	☐	100.000	102.140	464122.08	0.5237	P	0.3	2.1
6	☐	200.000	199.006	895145.97	1.0203	P	2.8	-0.5
7	☐	1.000						

y = 0.0051 * x + 2.8298E-005
R = 0.9999
DL = 0.006095 ppb
BEC = 0.005519 ppb

Weight: <None>
Min Conc: <None>

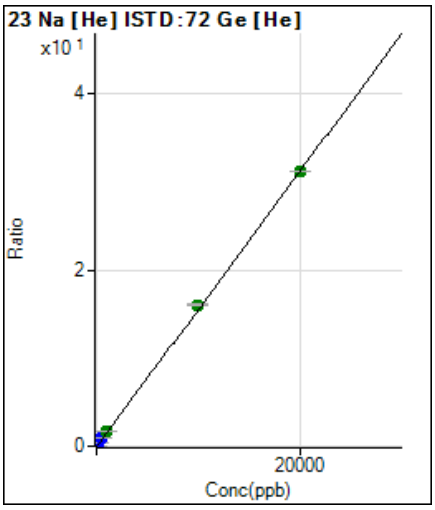
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13606.55	0.0136	P	2.3	
2	☐	10.000	8.939	39017.72	0.0387	P	2.4	-10.6
3	☐	25.000	22.015	77128.19	0.0755	P	0.9	-11.9
4	☐	50.000	45.850	145108.40	0.1426	P	2.3	-8.3
5	☐	500.000	501.756	1262893.44	1.4250	A	1.9	0.4
6	☐	1000.000	999.415	2479386.01	2.8250	A	2.2	-0.1
7	☐	5.000						

y = 0.0028 * x + 0.0136
R = 1.0000
DL = 0.3326 ppb
BEC = 4.829 ppb

Weight: <None>
Min Conc: <None>

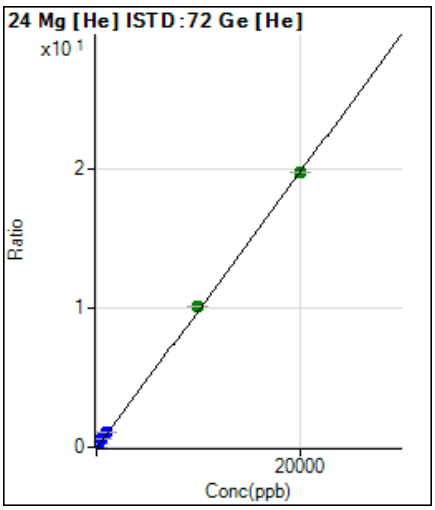


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	53789.12	0.0567	P	2.3	
2	☐	200.000	219.295	381417.98	0.4000	P	1.5	9.6
3	☐	500.000	537.953	866806.42	0.8988	P	1.0	7.6
4	☐	1000.000	1035.121	1613058.15	1.6771	A	2.8	3.5
5	☐	10000.00	10206.54	15057084.78	16.0341	A	0.8	2.1
6	☐	20000.00	19893.82	29273202.07	31.1986	A	0.6	-0.5
7	☐	100.000						

y = 0.0016 * x + 0.0567
R = 0.9999
DL = 2.46 ppb
BEC = 36.22 ppb

Weight: <None>
Min Conc: <None>

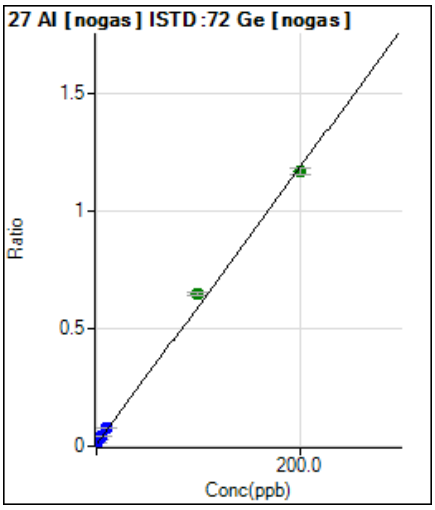
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	703.36	0.0007	P	8.4	
2	☐	200.000	222.296	210718.28	0.2210	P	1.4	11.1
3	☐	500.000	548.011	524302.92	0.5437	P	1.5	9.6
4	☐	1000.000	1097.269	1046369.18	1.0879	P	0.6	9.7
5	☐	10000.00	10208.99	9498612.77	10.1152	A	0.1	2.1
6	☐	20000.00	19889.21	18489156.39	19.7059	A	0.6	-0.6
7	☐	100.000						

y = 9.9074E-004 * x + 7.4107E-004
R = 0.9999
DL = 0.1889 ppb
BEC = 0.748 ppb

Weight: <None>
Min Conc: <None>

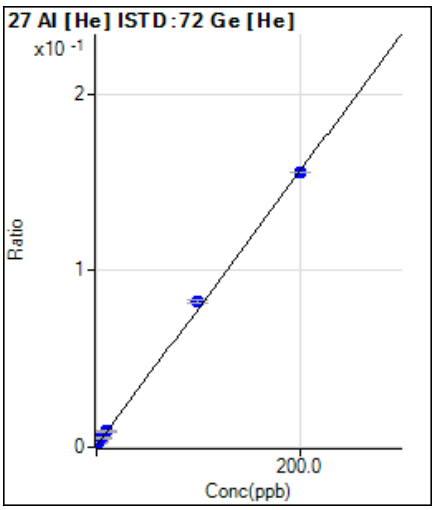


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	27536.84	0.0135	P	2.8	
2	☐	2.000	2.269	56674.53	0.0269	P	2.7	13.4
3	☐	5.000	5.422	96885.71	0.0455	P	1.0	8.4
4	☐	10.000	11.286	169009.93	0.0800	P	1.3	12.9
5	☐	100.000	107.670	1370476.96	0.6482	A	1.7	7.7
6	☐	200.000	196.088	2479044.91	1.1693	A	1.9	-2.0
7	☐	1.000						

y = 0.0059 * x + 0.0135
R = 0.9990
DL = 0.1899 ppb
BEC = 2.29 ppb

Weight: <None>
Min Conc: <None>

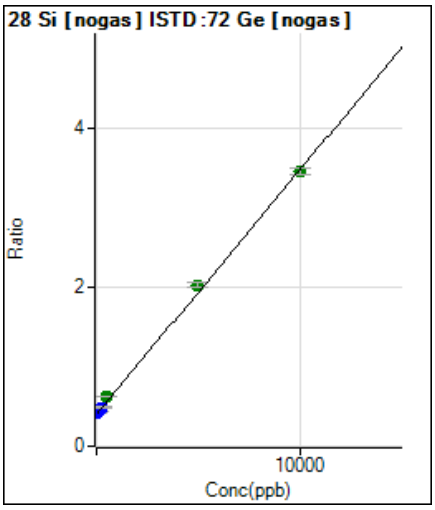
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1573.43	0.0017	P	13.3	
2	☐	2.000	2.074	3123.64	0.0033	P	8.2	3.7
3	☐	5.000	4.805	5207.47	0.0054	P	8.8	-3.9
4	☐	10.000	9.513	8722.15	0.0091	P	6.8	-4.9
5	☐	100.000	104.094	77701.66	0.0827	P	2.2	4.1
6	☐	200.000	197.981	146240.42	0.1559	P	0.5	-1.0
7	☐	1.000						

y = 7.7888E-004 * x + 0.0017
R = 0.9997
DL = 0.8499 ppb
BEC = 2.131 ppb

Weight: <None>
Min Conc: <None>

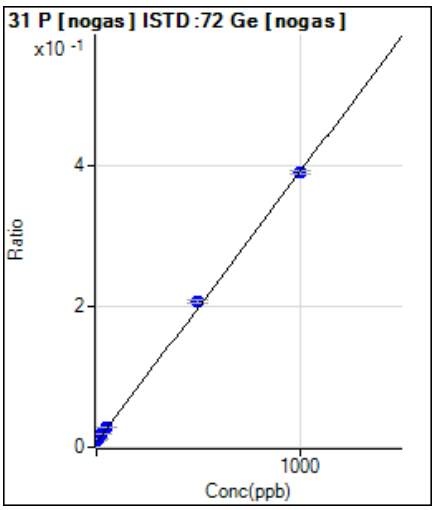


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	858770.64	0.4209	P	1.3	
2	☐	100.000	60.251	926939.52	0.4394	P	2.1	-39.7
3	☐	250.000	218.166	1040136.42	0.4880	P	1.0	-12.7
4	☐	500.000	668.671	1323749.10	0.6268	A	0.9	33.7
5	☐	5000.000	5232.164	4295998.27	2.0320	A	2.6	4.6
6	☐	10000.00	9876.678	7339108.02	3.4622	A	2.7	-1.2
7	☐	50.000						

y = 3.0793E-004 * x + 0.4209
R = 0.9995
DL = 54.33 ppb
BEC = 1367 ppb

Weight: <None>
Min Conc: <None>

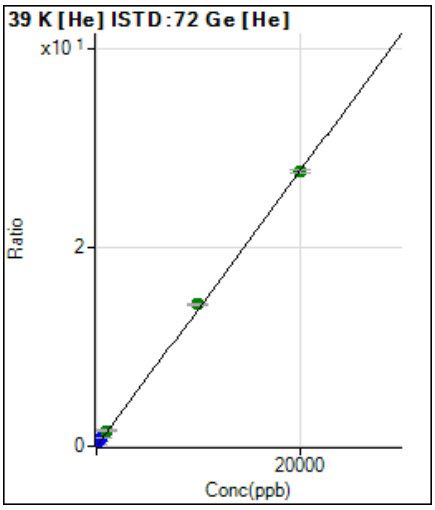
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	17878.64	0.0088	P	3.8	
2	☐	10.000	9.687	26335.26	0.0125	P	2.4	-3.1
3	☐	25.000	24.291	38549.40	0.0181	P	3.1	-2.8
4	☐	50.000	52.011	60693.75	0.0287	P	0.4	4.0
5	☐	500.000	514.280	436045.75	0.2062	P	1.9	2.9
6	☐	1000.000	992.781	826772.93	0.3900	P	1.7	-0.7
7	☐	5.000						

y = 3.8397E-004 * x + 0.0088
R = 0.9999
DL = 2.624 ppb
BEC = 22.82 ppb

Weight: <None>
Min Conc: <None>

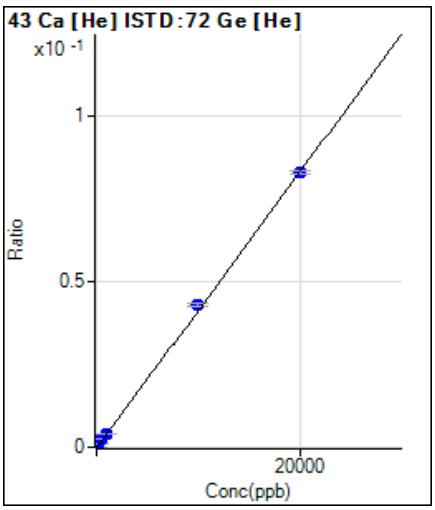


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	114234.71	0.1204	P	1.2	
2	☐	200.000	220.429	406227.69	0.4259	P	0.5	10.2
3	☐	500.000	536.066	832666.60	0.8634	P	1.6	7.2
4	☐	1000.000	1049.467	1514971.70	1.5751	A	1.4	4.9
5	☐	10000.00	10231.14	13429674.38	14.3015	A	0.9	2.3
6	☐	20000.00	19880.85	25969713.78	27.6768	A	1.1	-0.6
7	☐	100.000						

y = 0.0014 * x + 0.1204
R = 0.9999
DL = 3.137 ppb
BEC = 86.88 ppb

Weight: <None>
Min Conc: <None>

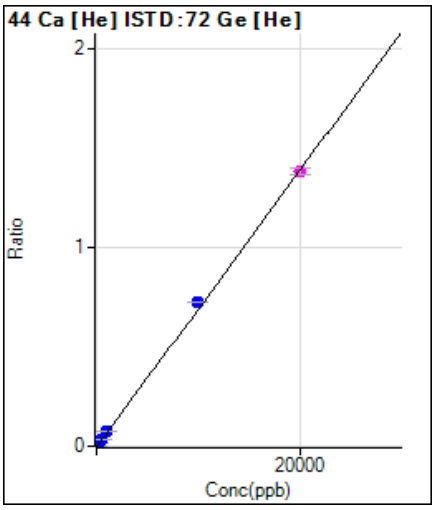
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	90.00	0.0001	P	29.0	
2	☐	200.000	203.598	900.04	0.0009	P	4.6	1.8
3	☐	500.000	525.354	2203.50	0.0023	P	1.4	5.1
4	☐	1000.000	959.295	3937.14	0.0041	P	5.3	-4.1
5	☐	10000.00	10272.52	40293.73	0.0429	P	2.3	2.7
6	☐	20000.00	19865.10	77787.45	0.0829	P	1.6	-0.7
7	☐	100.000						

y = 4.1684E-006 * x + 9.4818E-005
R = 0.9999
DL = 19.82 ppb
BEC = 22.75 ppb

Weight: <None>
Min Conc: <None>

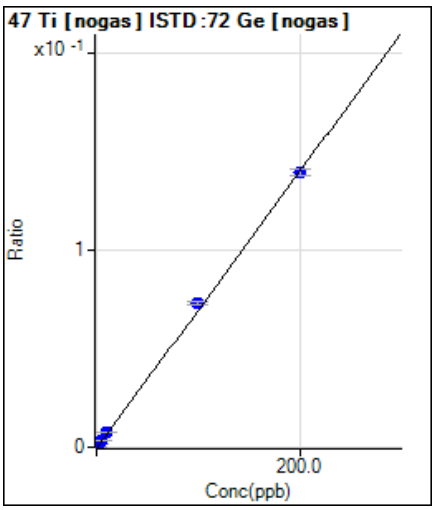


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1300.07	0.0014	P	18.8	
2	☐	200.000	210.413	15283.09	0.0160	P	0.3	5.2
3	☐	500.000	506.168	35317.09	0.0366	P	2.7	1.2
4	☐	1000.000	1019.950	69642.77	0.0724	P	2.3	2.0
5	☐	10000.00	10368.28	679345.09	0.7235	P	0.7	3.7
6	☐	20000.00	19814.60	1296277.48	1.3813	M	2.3	-0.9
7	☐	100.000						

y = 6.9644E-005 * x + 0.0014
R = 0.9998
DL = 11.1 ppb
BEC = 19.69 ppb

Weight: <None>
Min Conc: <None>

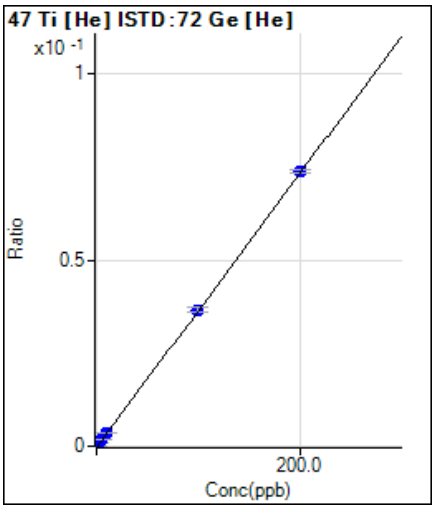
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	120.00	0.0001	P	20.9	
2	☐	2.000	1.994	3080.31	0.0015	P	9.2	-0.3
3	☐	5.000	4.954	7551.65	0.0035	P	7.8	-0.9
4	☐	10.000	10.430	15616.79	0.0074	P	4.1	4.3
5	☐	100.000	103.768	154398.74	0.0730	P	3.2	3.8
6	☐	200.000	198.096	295470.41	0.1394	P	2.9	-1.0
7	☐	1.000						

y = 7.0328E-004 * x + 5.8692E-005
R = 0.9997
DL = 0.05224 ppb
BEC = 0.08345 ppb

Weight: <None>
Min Conc: <None>

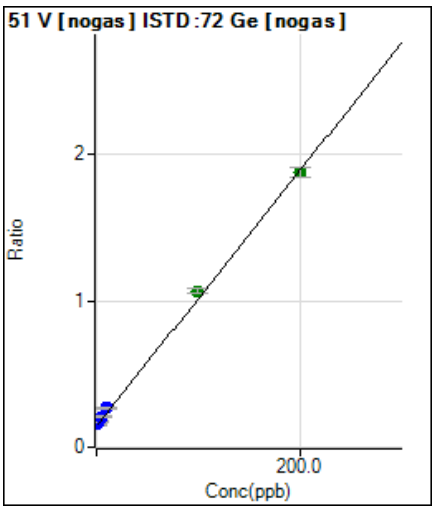


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10.00	0.0000	P	99.6	
2	☐	2.000	2.039	726.70	0.0008	P	9.5	2.0
3	☐	5.000	4.948	1770.11	0.0018	P	8.1	-1.0
4	☐	10.000	9.762	3473.71	0.0036	P	9.3	-2.4
5	☐	100.000	99.231	34378.72	0.0366	P	3.5	-0.8
6	☐	200.000	200.397	69358.66	0.0739	P	1.4	0.2
7	☐	1.000						

y = 3.6879E-004 * x + 1.0543E-005
R = 1.0000
DL = 0.08539 ppb
BEC = 0.02859 ppb

Weight: <None>
Min Conc: <None>

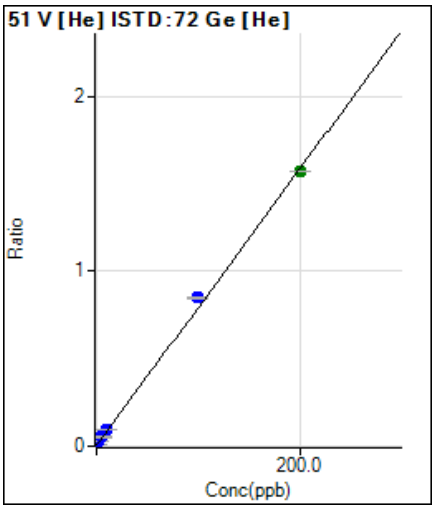
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	312007.74	0.1529	P	2.3	
2	☐	2.000	2.411	367007.26	0.1740	P	1.7	20.5
3	☐	5.000	6.433	445672.99	0.2091	P	0.8	28.7
4	☐	10.000	13.138	565280.47	0.2677	P	1.6	31.4
5	☐	100.000	104.665	2255945.33	1.0671	A	2.8	4.7
6	☐	200.000	197.471	3979710.77	1.8776	A	3.5	-1.3
7	☐	1.000						

y = 0.0087 * x + 0.1529
R = 0.9996
DL = 1.216 ppb
BEC = 17.51 ppb

Weight: <None>
Min Conc: <None>

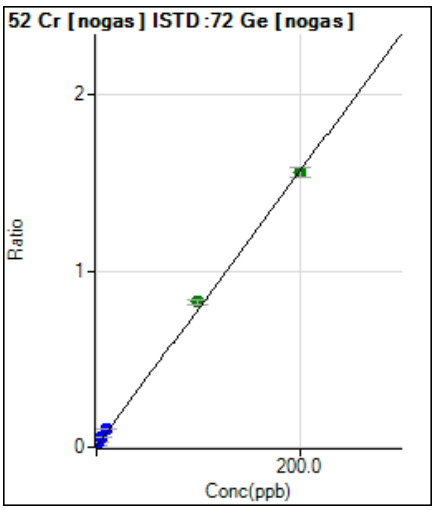


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10814.28	0.0114	P	0.9	
2	☐	2.000	2.102	26742.47	0.0280	P	0.5	5.1
3	☐	5.000	5.168	50451.25	0.0523	P	1.2	3.4
4	☐	10.000	10.465	90655.16	0.0942	P	0.8	4.7
5	☐	100.000	105.868	797710.53	0.8495	P	0.8	5.9
6	☐	200.000	197.038	1474297.65	1.5713	A	0.3	-1.5
7	☐	1.000						

y = 0.0079 * x + 0.0114
R = 0.9994
DL = 0.04048 ppb
BEC = 1.44 ppb

Weight: <None>
Min Conc: <None>

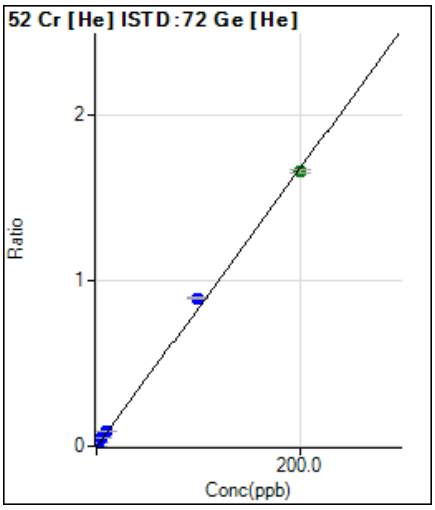
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	26973.11	0.0132	P	1.5	
2	☐	2.000	2.159	63468.16	0.0301	P	1.1	7.9
3	☐	5.000	5.507	119850.15	0.0562	P	0.9	10.1
4	☐	10.000	11.138	211649.96	0.1002	P	2.2	11.4
5	☐	100.000	103.827	1742526.80	0.8242	A	3.2	3.8
6	☐	200.000	198.015	3306617.56	1.5600	A	3.0	-1.0
7	☐	1.000						

y = 0.0078 * x + 0.0132
R = 0.9997
DL = 0.07504 ppb
BEC = 1.692 ppb

Weight: <None>
Min Conc: <None>

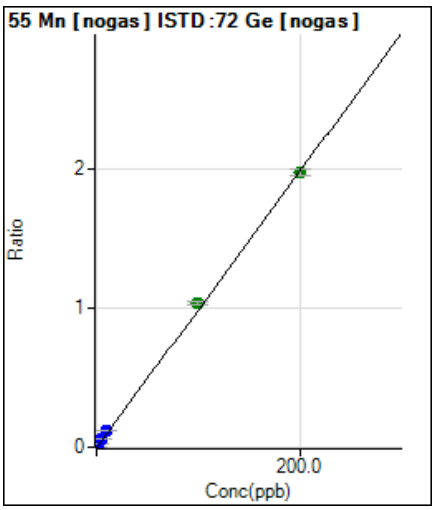


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3187.00	0.0034	P	4.0	
2	☐	2.000	2.154	20461.48	0.0215	P	4.3	7.7
3	☐	5.000	5.213	45492.57	0.0472	P	2.1	4.3
4	☐	10.000	10.394	87257.06	0.0907	P	0.7	3.9
5	☐	100.000	105.975	839547.23	0.8941	P	0.5	6.0
6	☐	200.000	196.986	1556480.19	1.6590	A	1.6	-1.5
7	☐	1.000						

y = 0.0084 * x + 0.0034
R = 0.9994
DL = 0.04762 ppb
BEC = 0.3996 ppb

Weight: <None>
Min Conc: <None>

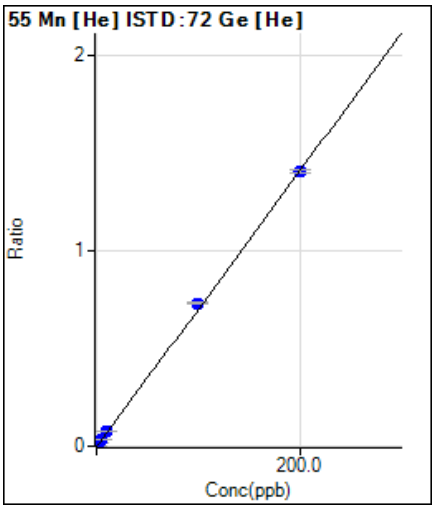
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	11230.25	0.0055	P	0.5	
2	☐	2.000	2.213	58157.92	0.0276	P	3.9	10.7
3	☐	5.000	5.305	124534.15	0.0584	P	1.0	6.1
4	☐	10.000	10.993	243199.63	0.1152	P	1.4	9.9
5	☐	100.000	103.668	2198079.60	1.0396	A	2.4	3.7
6	☐	200.000	198.107	4200703.79	1.9816	A	3.0	-0.9
7	☐	1.000						

y = 0.0100 * x + 0.0055
R = 0.9998
DL = 0.008082 ppb
BEC = 0.5517 ppb

Weight: <None>
Min Conc: <None>

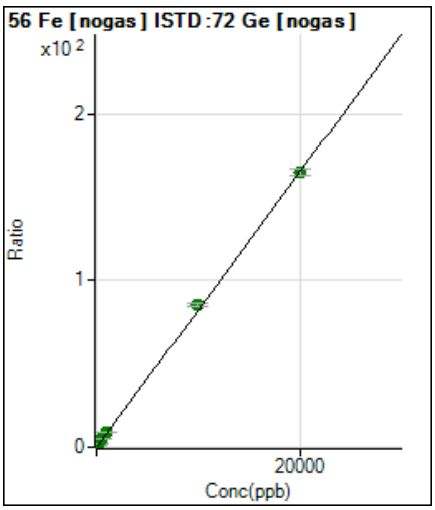


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1973.47	0.0021	P	7.3	
2	☐	2.000	2.046	15810.23	0.0166	P	2.3	2.3
3	☐	5.000	4.972	35985.10	0.0373	P	0.5	-0.6
4	☐	10.000	10.084	70734.76	0.0735	P	0.9	0.8
5	☐	100.000	102.952	687035.64	0.7316	P	1.0	3.0
6	☐	200.000	198.520	1321978.08	1.4089	P	1.1	-0.7
7	☐	1.000						

y = 0.0071 * x + 0.0021
R = 0.9998
DL = 0.0647 ppb
BEC = 0.2934 ppb

Weight: <None>
Min Conc: <None>

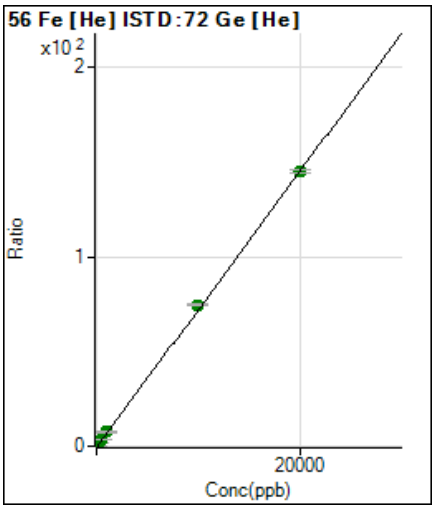
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1376823.68	0.6747	A	1.6	
2	☐	200.000	205.103	5008191.80	2.3735	A	0.3	2.6
3	☐	500.000	505.381	10360092.14	4.8607	A	0.7	1.1
4	☐	1000.000	1033.701	19507100.54	9.2366	A	1.5	3.4
5	☐	10000.00	10280.31	181446697.3	85.8241	A	2.6	2.8
6	☐	20000.00	19857.97	350140314.7	165.153	A	1.9	-0.7
7	☐	100.000						

y = 0.0083 * x + 0.6747
R = 0.9999
DL = 3.921 ppb
BEC = 81.46 ppb

Weight: <None>
Min Conc: <None>

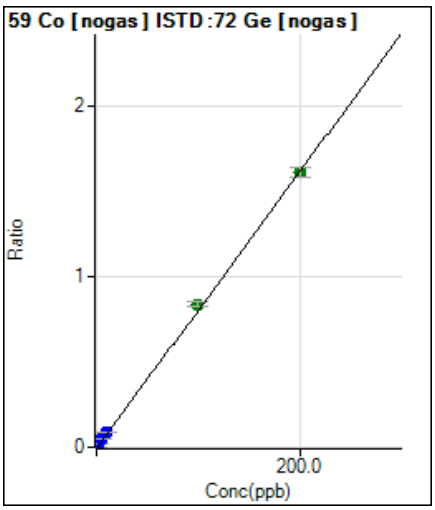


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	21833.10	0.0230	P	4.2	
2	☐	200.000	215.648	1523545.81	1.5977	A	1.7	7.8
3	☐	500.000	513.465	3638142.66	3.7725	A	1.2	2.7
4	☐	1000.000	1017.758	7170649.48	7.4550	A	0.9	1.8
5	☐	10000.00	10218.70	70091598.95	74.6428	A	0.6	2.2
6	☐	20000.00	19889.26	136295284.6	145.259	A	1.1	-0.6
7	☐	100.000						

y = 0.0073 * x + 0.0230
R = 0.9999
DL = 0.3935 ppb
BEC = 3.152 ppb

Weight: <None>
Min Conc: <None>

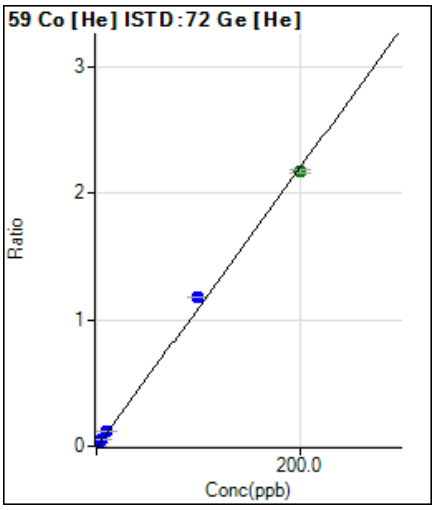
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	263.34	0.0001	P	47.6	
2	☐	2.000	2.260	39088.25	0.0185	P	2.7	13.0
3	☐	5.000	5.538	96369.92	0.0452	P	0.7	10.8
4	☐	10.000	11.170	192316.29	0.0911	P	1.5	11.7
5	☐	100.000	103.229	1776921.12	0.8405	A	2.5	3.2
6	☐	200.000	198.311	3422198.49	1.6145	A	3.0	-0.8
7	☐	1.000						

y = 0.0081 * x + 1.2874E-004
R = 0.9998
DL = 0.02259 ppb
BEC = 0.01581 ppb

Weight: <None>
Min Conc: <None>

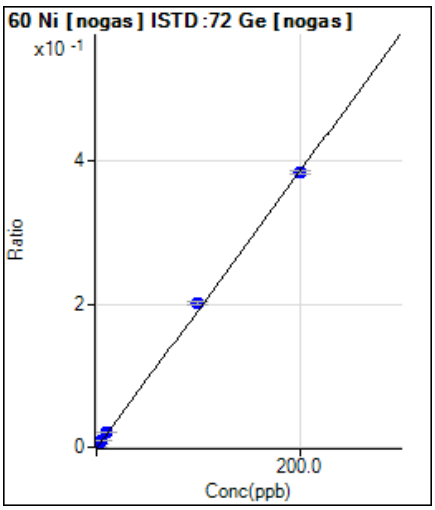


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	146.67	0.0002	P	16.1	
2	☐	2.000	2.100	22263.71	0.0233	P	1.1	5.0
3	☐	5.000	5.291	56513.05	0.0586	P	0.2	5.8
4	☐	10.000	10.593	112704.65	0.1172	P	0.2	5.9
5	☐	100.000	107.066	1110721.60	1.1828	P	0.0	7.1
6	☐	200.000	196.429	2036010.91	2.1700	A	0.9	-1.8
7	☐	1.000						

y = 0.0110 * x + 1.5466E-004
R = 0.9991
DL = 0.006757 ppb
BEC = 0.014 ppb

Weight: <None>
Min Conc: <None>

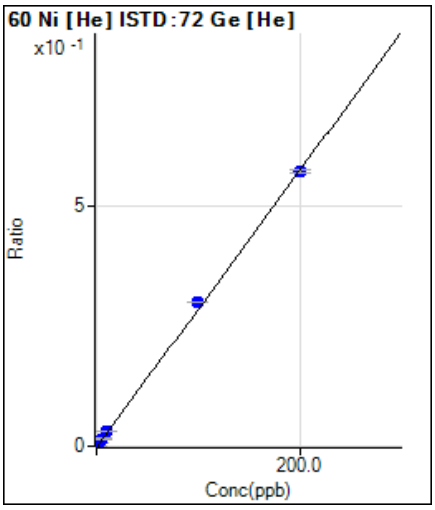
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	613.36	0.0003	P	9.4	
2	☐	2.000	2.113	9285.83	0.0044	P	4.9	5.6
3	☐	5.000	5.040	21482.83	0.0101	P	0.9	0.8
4	☐	10.000	10.512	43708.57	0.0207	P	0.6	5.1
5	☐	100.000	103.788	426312.22	0.2016	P	2.5	3.8
6	☐	200.000	198.078	815436.19	0.3846	P	0.9	-1.0
7	☐	1.000						

y = 0.0019 * x + 3.0034E-004
R = 0.9997
DL = 0.04345 ppb
BEC = 0.1548 ppb

Weight: <None>
Min Conc: <None>

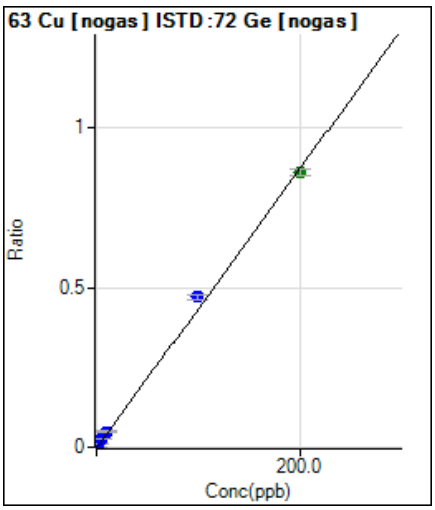


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	333.34	0.0004	P	23.4	
2	☐	2.000	2.088	6094.44	0.0064	P	6.7	4.4
3	☐	5.000	5.136	14669.38	0.0152	P	5.5	2.7
4	☐	10.000	10.379	29230.08	0.0304	P	3.1	3.8
5	☐	100.000	103.732	282231.26	0.3006	P	0.7	3.7
6	☐	200.000	198.111	538283.61	0.5737	P	0.8	-0.9
7	☐	1.000						

y = 0.0029 * x + 3.5098E-004
R = 0.9998
DL = 0.08531 ppb
BEC = 0.1213 ppb

Weight: <None>
Min Conc: <None>

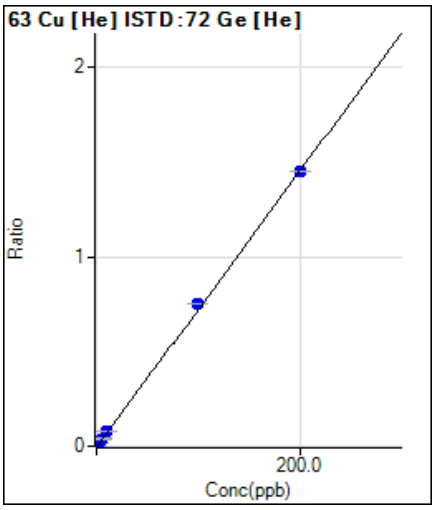
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1616.77	0.0008	P	19.5	
2	☐	2.000	2.195	21970.01	0.0104	P	1.9	9.8
3	☐	5.000	5.377	51913.18	0.0244	P	2.4	7.5
4	☐	10.000	11.008	103545.48	0.0490	P	2.2	10.1
5	☐	100.000	107.294	995644.52	0.4710	P	3.2	7.3
6	☐	200.000	196.291	1825403.10	0.8610	A	1.9	-1.9
7	☐	1.000						

y = 0.0044 * x + 7.9301E-004
R = 0.9991
DL = 0.1058 ppb
BEC = 0.181 ppb

Weight: <None>
Min Conc: <None>

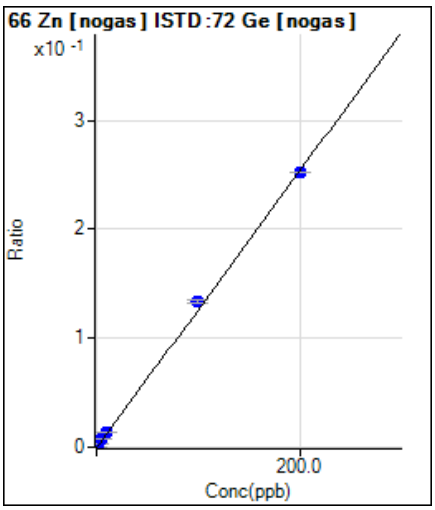


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	980.04	0.0010	P	14.7	
2	☐	2.000	2.061	15333.22	0.0161	P	1.7	3.1
3	☐	5.000	5.179	37455.24	0.0388	P	4.1	3.6
4	☐	10.000	10.297	73302.18	0.0762	P	0.6	3.0
5	☐	100.000	102.648	704698.35	0.7504	P	0.7	2.6
6	☐	200.000	198.656	1361792.22	1.4513	P	0.4	-0.7
7	☐	1.000						

y = 0.0073 * x + 0.0010
R = 0.9999
DL = 0.06249 ppb
BEC = 0.1414 ppb

Weight: <None>
Min Conc: <None>

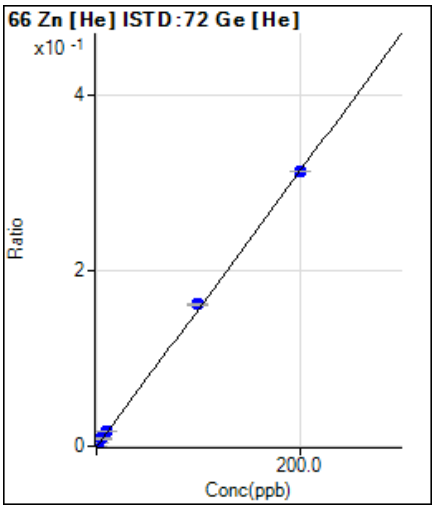
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	946.71	0.0005	P	15.1	
2	☐	2.000	2.005	6371.23	0.0030	P	1.8	0.3
3	☐	5.000	5.241	15216.50	0.0071	P	1.2	4.8
4	☐	10.000	10.664	29667.46	0.0140	P	1.7	6.6
5	☐	100.000	104.598	282661.43	0.1337	P	2.0	4.6
6	☐	200.000	197.662	534885.08	0.2522	P	0.2	-1.2
7	☐	1.000						

y = 0.0013 * x + 4.6452E-004
R = 0.9996
DL = 0.165 ppb
BEC = 0.3647 ppb

Weight: <None>
Min Conc: <None>

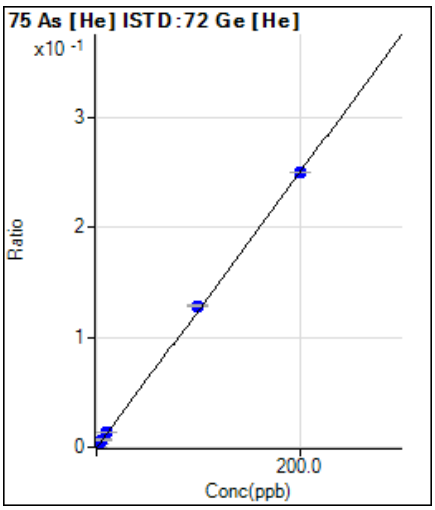


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	626.69	0.0007	P	5.9	
2	☐	2.000	1.940	3543.74	0.0037	P	6.1	-3.0
3	☐	5.000	5.050	8308.69	0.0086	P	2.9	1.0
4	☐	10.000	10.305	16250.78	0.0169	P	1.0	3.0
5	☐	100.000	102.344	152026.95	0.1619	P	1.1	2.3
6	☐	200.000	198.812	294490.35	0.3139	P	0.4	-0.6
7	☐	1.000						

y = 0.0016 * x + 6.6043E-004
R = 0.9999
DL = 0.07405 ppb
BEC = 0.4192 ppb

Weight: <None>
Min Conc: <None>

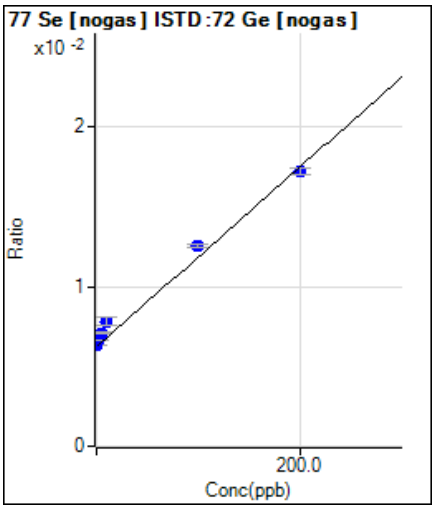
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	450.01	0.0005	P	8.6	
2	☐	2.000	1.944	2778.00	0.0029	P	3.3	-2.8
3	☐	5.000	5.020	6531.20	0.0068	P	1.7	0.4
4	☐	10.000	10.012	12537.66	0.0130	P	1.9	0.1
5	☐	100.000	102.188	120816.83	0.1287	P	1.5	2.2
6	☐	200.000	198.906	234577.28	0.2500	P	0.3	-0.5
7	☐	1.000						

y = 0.0013 * x + 4.7437E-004
R = 0.9999
DL = 0.09724 ppb
BEC = 0.3781 ppb

Weight: <None>
Min Conc: <None>

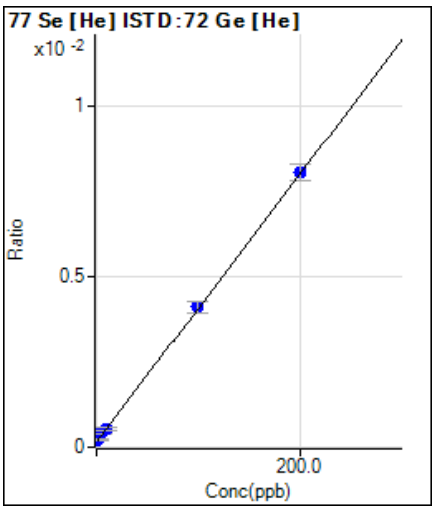


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	12894.73	0.0063	P	0.9	
2	☐	2.000	5.713	14012.27	0.0066	P	1.5	185.7
3	☐	5.000	13.693	15106.50	0.0071	P	2.0	173.9
4	☐	10.000	26.703	16510.99	0.0078	P	6.2	167.0
5	☐	100.000	110.211	26479.51	0.0125	P	1.4	10.2
6	☐	200.000	193.805	36503.51	0.0172	P	2.7	-3.1
7	☐	1.000						

y = 5.6252E-005 * x + 0.0063
R = 0.9961
DL = 2.883 ppb
BEC = 112.3 ppb

Weight: <None>
Min Conc: <None>

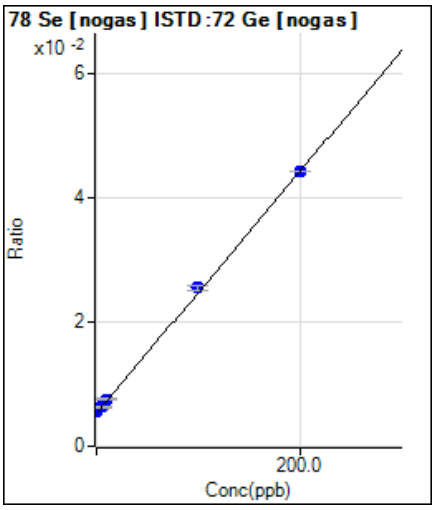
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	183.33	0.0002	P	2.8	
2	☐	2.000	0.875	216.67	0.0002	P	24.8	-56.2
3	☐	5.000	6.069	416.68	0.0004	P	20.3	21.4
4	☐	10.000	8.656	513.35	0.0005	P	11.7	-13.4
5	☐	100.000	99.791	3867.16	0.0041	P	8.1	-0.2
6	☐	200.000	200.156	7568.38	0.0081	P	6.2	0.1
7	☐	1.000						

y = 3.9321E-005 * x + 1.9324E-004
R = 0.9999
DL = 0.414 ppb
BEC = 4.914 ppb

Weight: <None>
Min Conc: <None>

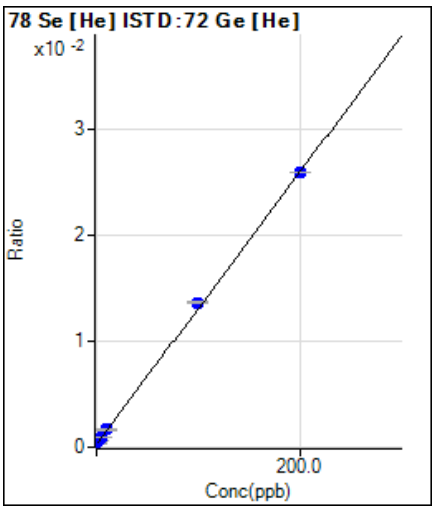


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	11316.99	0.0055	P	2.1	
2	☐	2.000	2.405	12691.28	0.0060	P	1.0	20.2
3	☐	5.000	4.349	13635.30	0.0064	P	4.0	-13.0
4	☐	10.000	10.266	15940.56	0.0075	P	4.0	2.7
5	☐	100.000	102.343	53943.39	0.0255	P	3.8	2.3
6	☐	200.000	198.827	94045.14	0.0443	P	0.5	-0.6
7	☐	1.000						

y = 1.9516E-004 * x + 0.0055
R = 0.9999
DL = 1.819 ppb
BEC = 28.42 ppb

Weight: <None>
Min Conc: <None>

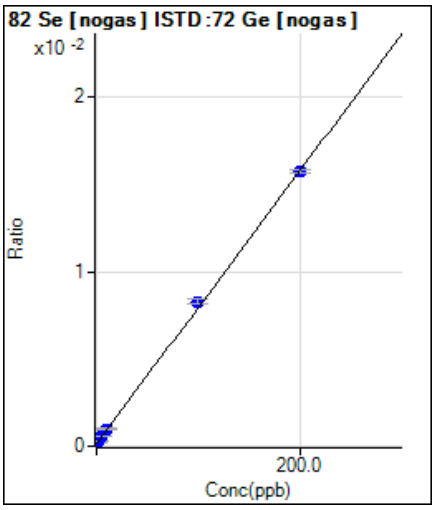
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	380.67	0.0004	P	9.5	
2	☐	2.000	1.830	606.68	0.0006	P	3.1	-8.5
3	☐	5.000	4.558	951.36	0.0010	P	2.4	-8.8
4	☐	10.000	9.908	1610.08	0.0017	P	5.5	-0.9
5	☐	100.000	102.785	12773.14	0.0136	P	1.3	2.8
6	☐	200.000	198.625	24312.83	0.0259	P	0.6	-0.7
7	☐	1.000						

y = 1.2844E-004 * x + 4.0111E-004
R = 0.9999
DL = 0.8936 ppb
BEC = 3.123 ppb

Weight: <None>
Min Conc: <None>

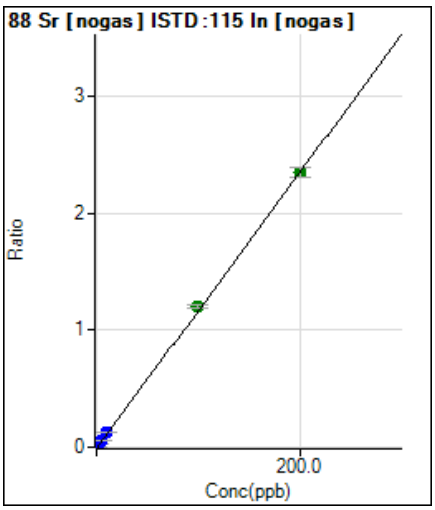


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	436.68	0.0002	P	22.4	
2	☐	2.000	1.238	656.69	0.0003	P	12.5	-38.1
3	☐	5.000	4.721	1243.40	0.0006	P	3.4	-5.6
4	☐	10.000	9.680	2050.16	0.0010	P	6.4	-3.2
5	☐	100.000	103.228	17528.72	0.0083	P	3.0	3.2
6	☐	200.000	198.417	33374.28	0.0157	P	1.0	-0.8
7	☐	1.000						

y = 7.8239E-005 * x + 2.1382E-004
R = 0.9998
DL = 1.839 ppb
BEC = 2.733 ppb

Weight: <None>
Min Conc: <None>

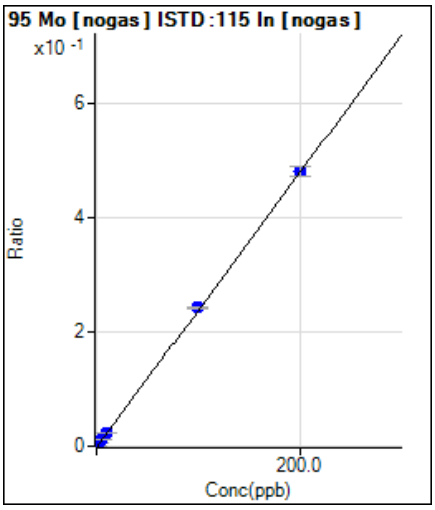
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	996.71	0.0005	P	10.7	
2	☐	2.000	2.125	52613.62	0.0256	P	2.0	6.2
3	☐	5.000	5.251	128863.36	0.0624	P	1.5	5.0
4	☐	10.000	10.626	258064.03	0.1259	P	0.2	6.3
5	☐	100.000	102.054	2425477.20	1.2045	A	2.0	2.1
6	☐	200.000	198.934	4674306.49	2.3474	A	4.0	-0.5
7	☐	1.000						

y = 0.0118 * x + 4.9314E-004
R = 0.9999
DL = 0.01343 ppb
BEC = 0.0418 ppb

Weight: <None>
Min Conc: <None>

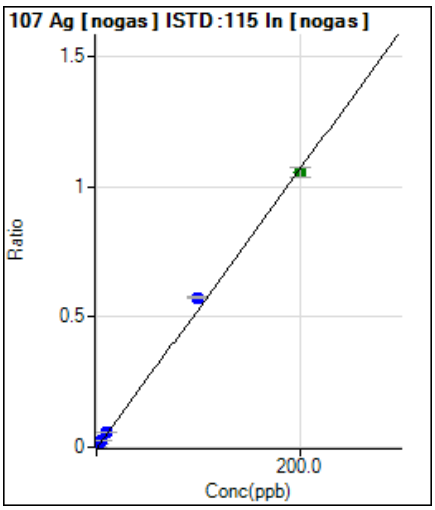


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	216.67	0.0001	P	43.8	
2	☐	2.000	1.887	9556.02	0.0046	P	1.6	-5.6
3	☐	5.000	4.802	24036.53	0.0116	P	3.7	-4.0
4	☐	10.000	9.793	48472.42	0.0236	P	1.5	-2.1
5	☐	100.000	100.483	486400.27	0.2416	P	2.3	0.5
6	☐	200.000	199.775	956345.14	0.4802	P	4.1	-0.1
7	☐	1.000						

y = 0.0024 * x + 1.0733E-004
R = 1.0000
DL = 0.05864 ppb
BEC = 0.04466 ppb

Weight: <None>
Min Conc: <None>

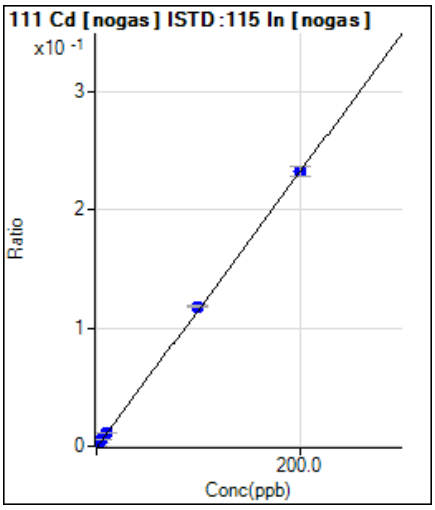
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	90.00	0.0000	P	37.9	
2	☐	2.000	2.072	23001.75	0.0112	P	1.9	3.6
3	☐	5.000	5.188	57603.48	0.0279	P	2.3	3.8
4	☐	10.000	10.641	117298.47	0.0572	P	1.1	6.4
5	☐	100.000	106.625	1153454.46	0.5728	P	1.1	6.6
6	☐	200.000	196.650	2104669.81	1.0565	A	3.4	-1.7
7	☐	1.000						

y = 0.0054 * x + 4.4401E-005
R = 0.9992
DL = 0.009392 ppb
BEC = 0.008265 ppb

Weight: <None>
Min Conc: <None>

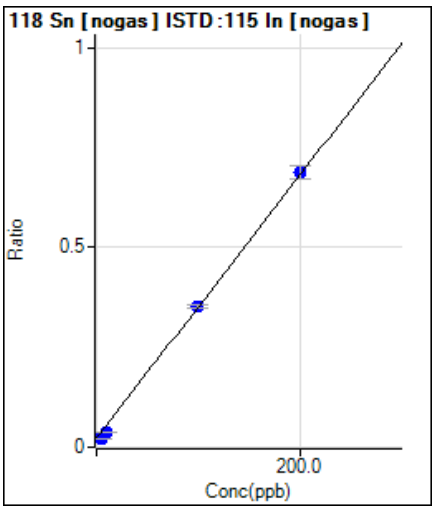


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10.00	0.0000	P	99.1	
2	☐	2.000	1.928	4637.35	0.0023	P	6.3	-3.6
3	☐	5.000	4.943	11910.83	0.0058	P	4.1	-1.1
4	☐	10.000	9.972	23846.40	0.0116	P	2.1	-0.3
5	☐	100.000	101.393	238003.04	0.1182	P	1.3	1.4
6	☐	200.000	199.307	462687.73	0.2323	P	4.1	-0.3
7	☐	1.000						

y = 0.0012 * x + 4.9052E-006
R = 1.0000
DL = 0.0125 ppb
BEC = 0.004208 ppb

Weight: <None>
Min Conc: <None>

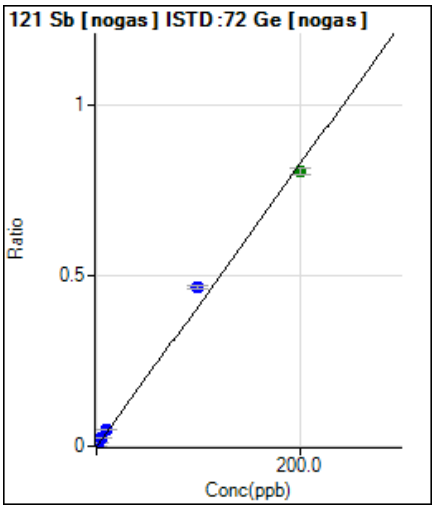
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	52615.45	0.0260	P	5.0	
2	☐	2.000	0.233	55166.32	0.0268	P	1.4	-88.3
3	☐	5.000	-1.730	41950.30	0.0203	P	1.4	-134.
4	☐	10.000	3.221	75143.56	0.0366	P	0.2	-67.8
5	☐	100.000	99.123	710207.96	0.3528	P	2.5	-0.9
6	☐	200.000	200.963	1370660.03	0.6884	P	4.8	0.5
7	☐	1.000						

y = 0.0033 * x + 0.0260
R = 0.9995
DL = 1.176 ppb
BEC = 7.897 ppb

Weight: <None>
Min Conc: <None>

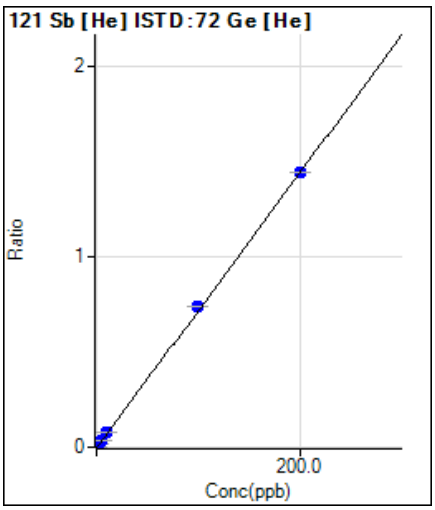


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3543.74	0.0017	P	6.0	
2	☐	2.000	2.224	23075.46	0.0109	P	3.8	11.2
3	☐	5.000	5.360	50980.81	0.0239	P	3.2	7.2
4	☐	10.000	11.142	101039.30	0.0479	P	3.6	11.4
5	☐	100.000	112.058	984199.88	0.4655	P	2.5	12.1
6	☐	200.000	193.903	1705288.57	0.8043	A	2.9	-3.0
7	☐	1.000						

y = 0.0041 * x + 0.0017
R = 0.9974
DL = 0.07506 ppb
BEC = 0.4196 ppb

Weight: <None>
Min Conc: <None>

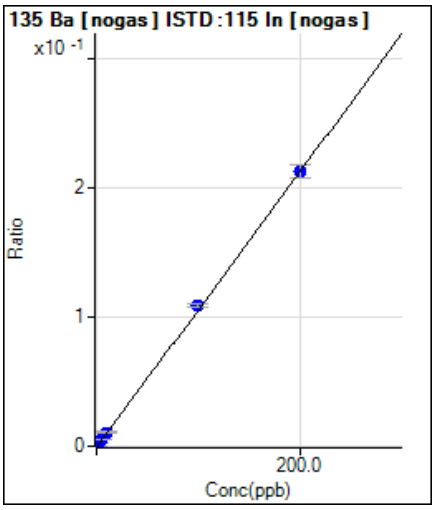
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2153.50	0.0023	P	8.3	
2	☐	2.000	1.995	15917.45	0.0167	P	2.2	-0.2
3	☐	5.000	4.734	35192.13	0.0365	P	1.0	-5.3
4	☐	10.000	9.961	71438.57	0.0743	P	0.7	-0.4
5	☐	100.000	101.663	692211.86	0.7372	P	0.5	1.7
6	☐	200.000	199.177	1353037.84	1.4421	P	0.4	-0.4
7	☐	1.000						

y = 0.0072 * x + 0.0023
R = 0.9999
DL = 0.07777 ppb
BEC = 0.3139 ppb

Weight: <None>
Min Conc: <None>

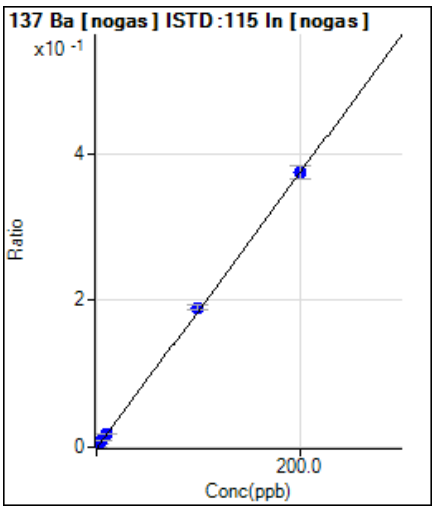


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	86.67	0.0000	P	29.4	
2	☐	2.000	2.028	4550.66	0.0022	P	4.3	1.4
3	☐	5.000	4.909	10916.93	0.0053	P	6.2	-1.8
4	☐	10.000	10.123	22274.62	0.0109	P	0.9	1.2
5	☐	100.000	101.622	218751.06	0.1087	P	2.6	1.6
6	☐	200.000	199.185	423873.52	0.2129	P	5.1	-0.4
7	☐	1.000						

y = 0.0011 * x + 4.2862E-005
R = 1.0000
DL = 0.03532 ppb
BEC = 0.04011 ppb

Weight: <None>
Min Conc: <None>

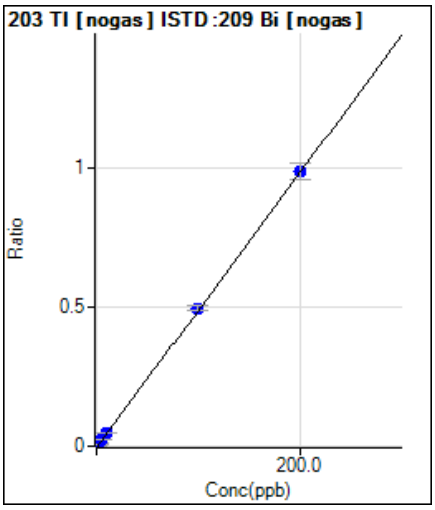
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	170.00	0.0001	P	37.2	
2	☐	2.000	1.995	7891.95	0.0038	P	2.5	-0.2
3	☐	5.000	4.854	19003.98	0.0092	P	1.3	-2.9
4	☐	10.000	10.054	38913.98	0.0190	P	1.8	0.5
5	☐	100.000	101.406	383869.18	0.1907	P	2.8	1.4
6	☐	200.000	199.298	745863.19	0.3746	P	5.0	-0.4
7	☐	1.000						

y = 0.0019 * x + 8.4118E-005
R = 1.0000
DL = 0.04997 ppb
BEC = 0.04476 ppb

Weight: <None>
Min Conc: <None>

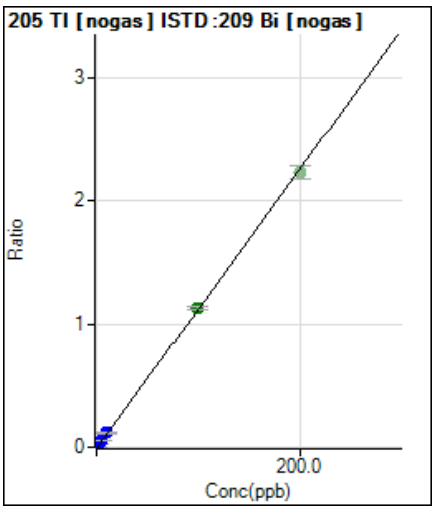


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	56.67	0.0000	P	37.1	
2	☐	2.000	1.864	14489.94	0.0092	P	8.9	-6.8
3	☐	5.000	4.734	36988.62	0.0234	P	2.1	-5.3
4	☐	10.000	9.670	75924.31	0.0478	P	4.7	-3.3
5	☐	100.000	100.254	765116.65	0.4956	P	4.1	0.3
6	☐	200.000	199.898	1469664.25	0.9882	P	6.2	-0.1
7	☐	1.000						

y = 0.0049 * x + 3.5362E-005
R = 1.0000
DL = 0.007952 ppb
BEC = 0.007154 ppb

Weight: <None>
Min Conc: <None>

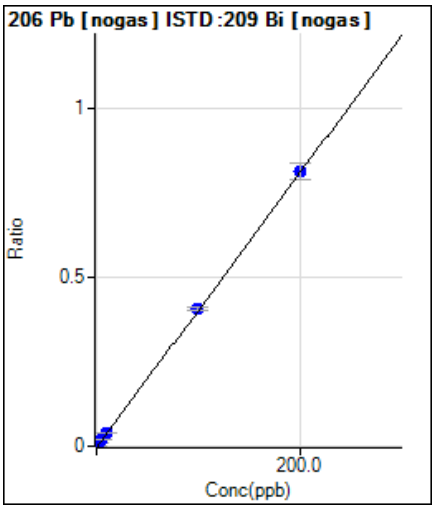
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	90.00	0.0001	P	10.5	
2	☐	2.000	2.007	35819.43	0.0229	P	6.9	0.4
3	☐	5.000	5.010	89921.55	0.0570	P	2.0	0.2
4	☐	10.000	10.085	181990.64	0.1147	P	4.4	0.9
5	☐	100.000	99.991	1754799.29	1.1363	A	2.2	0.0
6	☑	200.000		3325020.68	2.2340	A	4.3	
7	☐	1.000						

y = 0.0114 * x + 5.6109E-005
R = 1.0000
DL = 0.001552 ppb
BEC = 0.004938 ppb

Weight: <None>
Min Conc: <None>

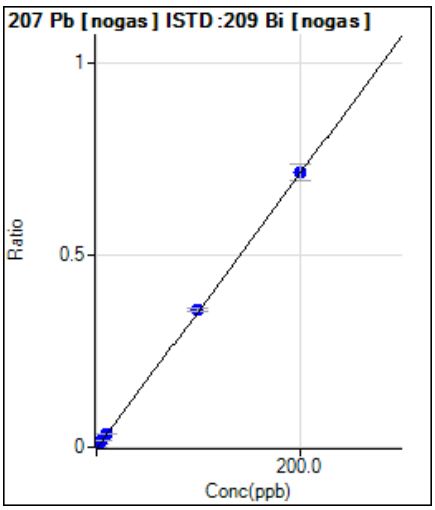


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	146.67	0.0001	P	24.0	
2	☐	2.000	1.948	12548.33	0.0080	P	6.6	-2.6
3	☐	5.000	4.873	31400.36	0.0199	P	3.4	-2.5
4	☐	10.000	9.645	62368.51	0.0393	P	5.4	-3.5
5	☐	100.000	99.943	627476.53	0.4064	P	3.3	-0.1
6	☐	200.000	200.050	1209838.52	0.8134	P	5.9	0.0
7	☐	1.000						

y = 0.0041 * x + 9.1471E-005
R = 1.0000
DL = 0.0162 ppb
BEC = 0.0225 ppb

Weight: <None>
Min Conc: <None>

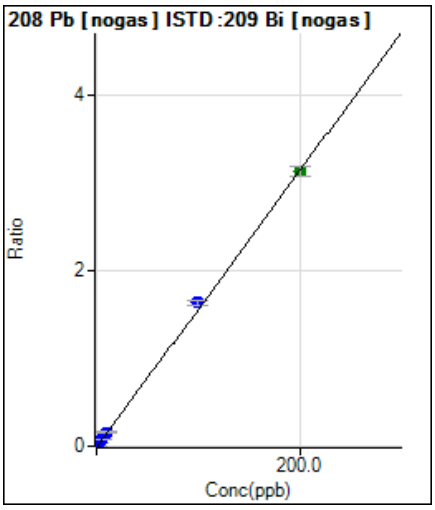
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	160.00	0.0001	P	15.8	
2	☐	2.000	1.944	11063.92	0.0071	P	2.8	-2.8
3	☐	5.000	4.850	27533.40	0.0174	P	1.4	-3.0
4	☐	10.000	9.693	55172.97	0.0348	P	5.3	-3.1
5	☐	100.000	100.146	553193.21	0.3583	P	3.0	0.1
6	☐	200.000	199.947	1063996.11	0.7152	P	5.7	0.0
7	☐	1.000						

y = 0.0036 * x + 9.9720E-005
R = 1.0000
DL = 0.01321 ppb
BEC = 0.02788 ppb

Weight: <None>
Min Conc: <None>

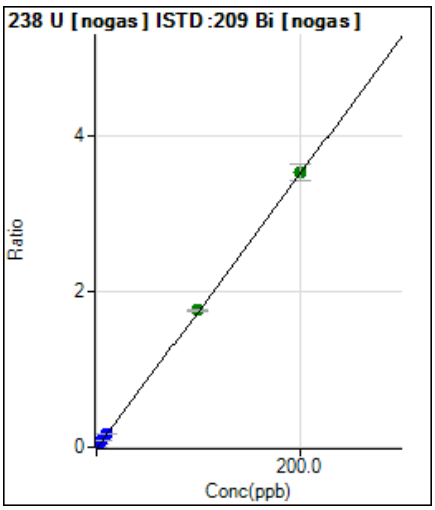


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	656.68	0.0004	P	18.4	
2	☐	2.000	2.006	50310.93	0.0321	P	5.1	0.3
3	☐	5.000	5.018	125756.32	0.0797	P	3.4	0.4
4	☐	10.000	10.019	251971.09	0.1587	P	4.4	0.2
5	☐	100.000	103.373	2523027.27	1.6341	P	3.1	3.4
6	☐	200.000	198.312	4664989.39	3.1344	A	4.1	-0.8
7	☐	1.000						

y = 0.0158 * x + 4.0955E-004
R = 0.9998
DL = 0.01429 ppb
BEC = 0.02592 ppb

Weight: <None>
Min Conc: <None>

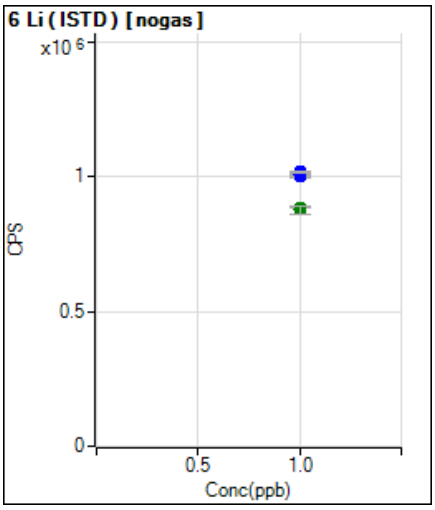
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	40.00	0.0000	P	66.5	
2	☐	2.000	2.028	56074.87	0.0358	P	4.1	1.4
3	☐	5.000	5.021	139651.09	0.0885	P	2.4	0.4
4	☐	10.000	9.996	279591.12	0.1762	P	4.7	0.0
5	☐	100.000	99.646	2711839.23	1.7560	A	1.7	-0.4
6	☐	200.000	200.176	5246701.07	3.5275	A	5.8	0.1
7	☐	1.000						

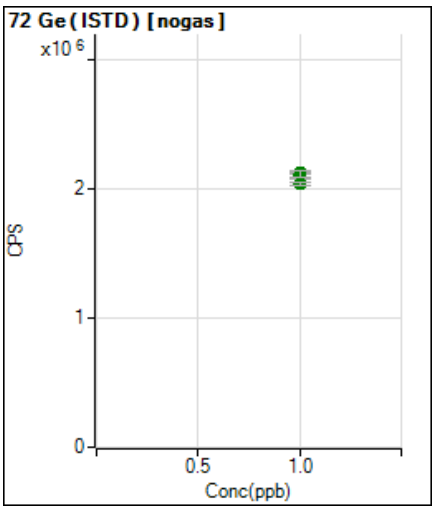
y = 0.0176 * x + 2.5000E-005
R = 1.0000
DL = 0.002831 ppb
BEC = 0.001419 ppb

Weight: <None>
Min Conc: <None>

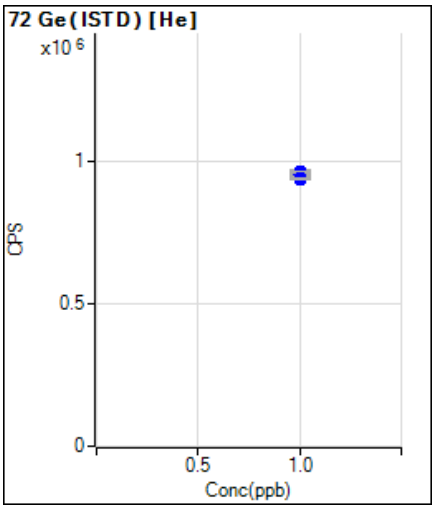


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1001806.70		P	1.1	
2	☐	1.000		1007533.53		P	1.1	
3	☐	1.000		1021400.86		P	0.1	
4	☐	1.000		1017887.11		P	0.5	
5	☐	1.000		886254.09		A	0.6	
6	☐	1.000		877807.72		A	3.1	
7	☐	1.000						

Calibration for 161_ICV.d

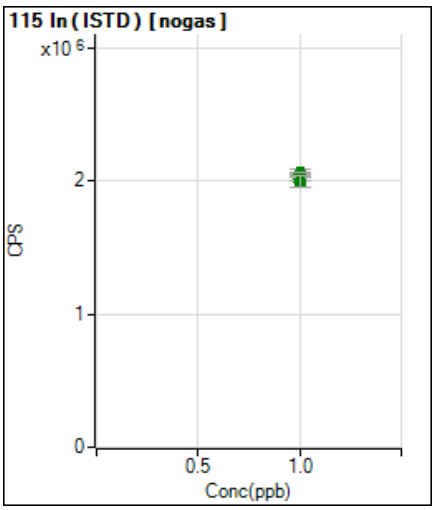


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2040722.47		A	1.4	
2	☐	1.000		2110069.39		A	2.3	
3	☐	1.000		2131489.24		A	1.5	
4	☐	1.000		2112229.40		A	1.4	
5	☐	1.000		2114907.57		A	2.1	
6	☐	1.000		2120747.94		A	2.6	
7	☐	1.000						

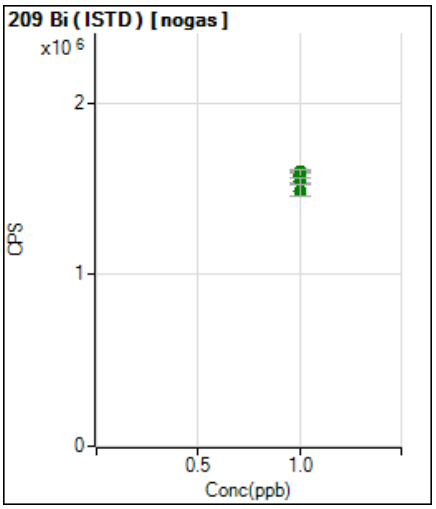


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		948710.97		P	0.8	
2	☐	1.000		953683.76		P	1.4	
3	☐	1.000		964444.36		P	0.9	
4	☐	1.000		961876.76		P	0.3	
5	☐	1.000		939037.57		P	0.8	
6	☐	1.000		938284.62		P	0.9	
7	☐	1.000						

Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2022428.09		A	1.6	
2	☐	1.000		2058568.21		A	0.6	
3	☐	1.000		2064212.04		A	2.0	
4	☐	1.000		2050562.80		A	1.7	
5	☐	1.000		2013721.43		A	1.2	
6	☐	1.000		1993498.75		A	4.2	
7	☐	1.000						



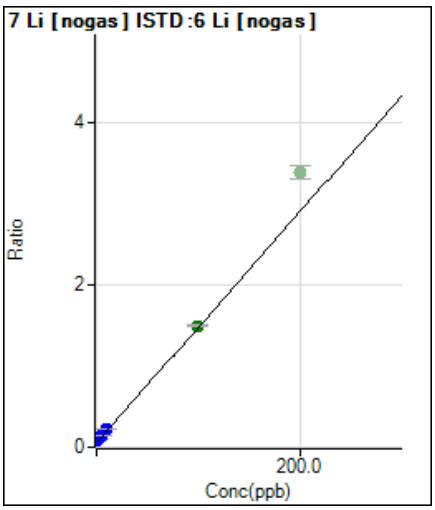
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1603336.85		A	0.7	
2	☐	1.000		1569482.63		A	4.4	
3	☐	1.000		1578311.64		A	1.5	
4	☐	1.000		1588734.98		A	3.2	
5	☐	1.000		1544759.87		A	2.3	
6	☐	1.000		1490097.84		A	4.7	
7	☐	1.000						

Calibration for 019_ICV.d

Batch Folder:	C:\Agilent\ICPMH\1\DATA\012721A.b\
Analysis File:	012721A.batch.bin
DA Date-Time:	1/27/2021 8:13:35 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	

Level	Standard Data File	Sample Name	Acq. Date-Time
1	012CALB.d	CAL BLK	1/27/2021 11:43:19 AM
2	013CALS.d	2/10/200	1/27/2021 11:45:22 AM
3	014CALS.d	5/25/500	1/27/2021 11:47:25 AM
4	015CALS.d	10/50/1000	1/27/2021 11:49:26 AM
5	016CALS.d	100/500/10K	1/27/2021 11:51:27 AM
6	017CALS.d	200/1000/20K	1/27/2021 11:53:26 AM
7			

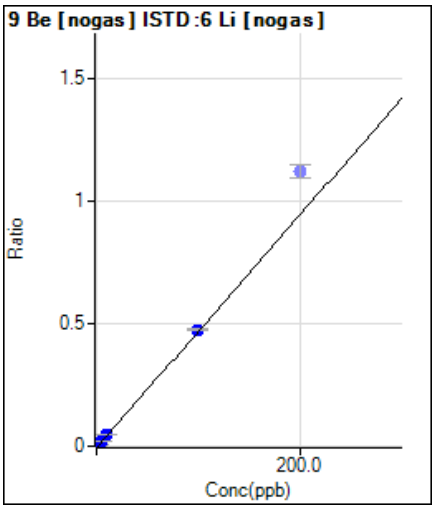
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	72197.10	0.0732	P	0.5	
2	☐	2.000	2.047	100248.86	0.1023	P	1.4	2.4
3	☐	5.000	4.997	139888.66	0.1444	P	0.8	-0.1
4	☐	10.000	9.966	209543.66	0.2152	P	0.4	-0.3
5	☐	100.000	100.003	1378067.95	1.4979	A	1.6	0.0
6	☑	200.000		2776798.40	3.3900	A	5.3	
7	☐	1.000						

y = 0.0142 * x + 0.0732
R = 1.0000
DL = 0.08462 ppb
BEC = 5.136 ppb

Weight: <None>
Min Conc: <None>

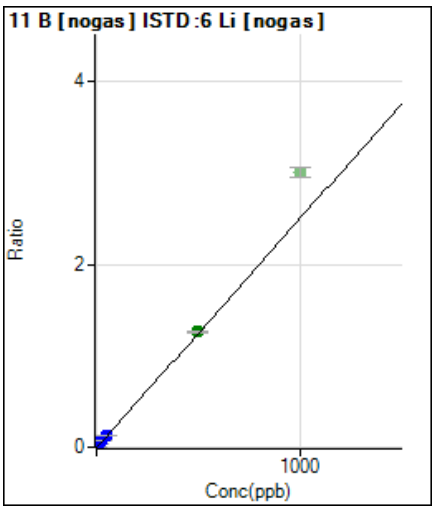


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	15.00	0.0000	P	33.6	
2	☐	2.000	1.898	8848.75	0.0090	P	4.0	-5.1
3	☐	5.000	4.688	21590.47	0.0223	P	2.6	-6.2
4	☐	10.000	9.377	43395.30	0.0446	P	1.0	-6.2
5	☐	100.000	100.080	437433.90	0.4754	P	0.6	0.1
6	☑	200.000		919168.61	1.1222	P	5.3	
7	☐	1.000						

y = 0.0048 * x + 1.5210E-005
R = 1.0000
DL = 0.003223 ppb
BEC = 0.003202 ppb

Weight: <None>
Min Conc: <None>

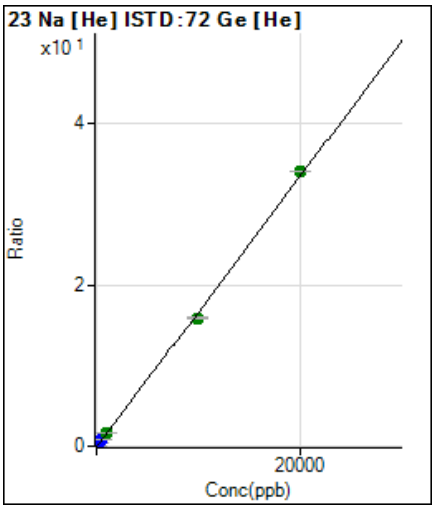
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	8713.69	0.0088	P	1.6	
2	☐	10.000	9.697	32460.69	0.0331	P	2.2	-3.0
3	☐	25.000	24.403	67836.92	0.0700	P	1.1	-2.4
4	☐	50.000	49.649	129795.72	0.1333	P	1.0	-0.7
5	☐	500.000	500.071	1161322.06	1.2622	A	1.4	0.0
6	☑	1000.000		2462966.58	3.0049	A	3.5	
7	☐	5.000						

y = 0.0025 * x + 0.0088
R = 1.0000
DL = 0.171 ppb
BEC = 3.524 ppb

Weight: <None>
Min Conc: <None>

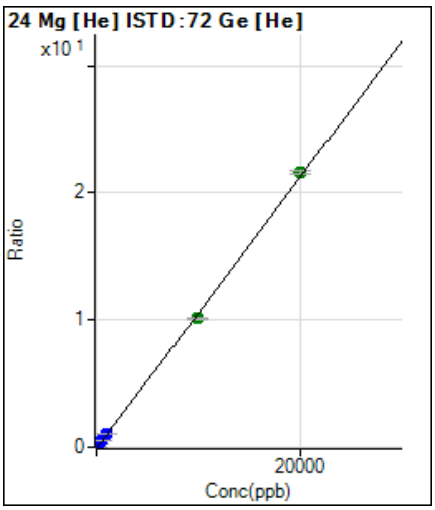


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	36208.02	0.0393	P	0.5	
2	☐	200.000	206.672	357447.89	0.3864	P	0.1	3.3
3	☐	500.000	503.455	813452.28	0.8847	P	0.3	0.7
4	☐	1000.000	946.408	1494015.60	1.6285	A	1.8	-5.4
5	☐	10000.00	9453.519	14321801.04	15.9137	A	0.6	-5.5
6	☐	20000.00	20275.76	29641845.39	34.0864	A	0.6	1.4
7	☐	100.000						

y = 0.0017 * x + 0.0393
R = 0.9995
DL = 0.3855 ppb
BEC = 23.43 ppb

Weight: <None>
Min Conc: <None>

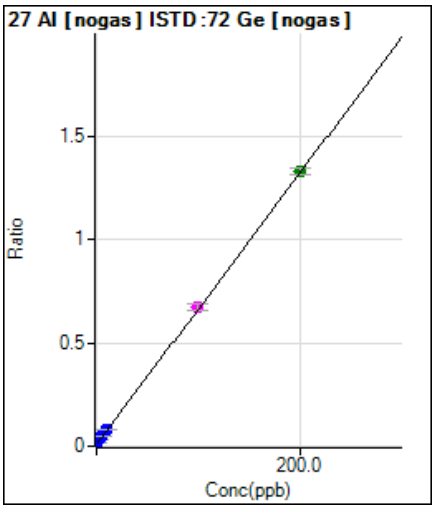
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	780.03	0.0008	P	28.3	
2	☐	200.000	207.252	205304.99	0.2219	P	1.0	3.6
3	☐	500.000	505.417	496486.63	0.5400	P	0.3	1.1
4	☐	1000.000	1002.550	981927.04	1.0703	P	1.0	0.3
5	☐	10000.00	9483.513	9105219.65	10.1173	A	1.0	-5.2
6	☐	20000.00	20257.90	18792272.22	21.6107	A	1.1	1.3
7	☐	100.000						

y = 0.0011 * x + 8.4849E-004
R = 0.9995
DL = 0.6757 ppb
BEC = 0.7954 ppb

Weight: <None>
Min Conc: <None>

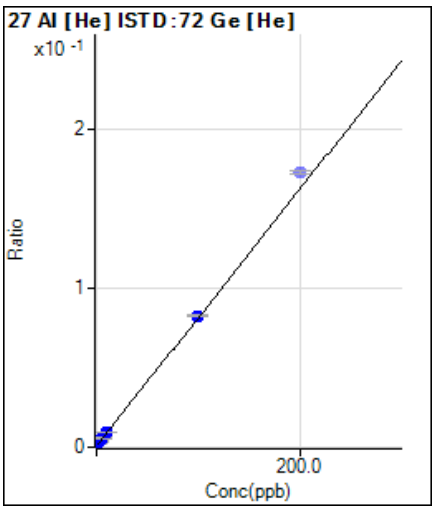


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	30034.05	0.0151	P	2.4	
2	☐	2.000	2.112	57858.23	0.0290	P	0.3	5.6
3	☐	5.000	4.880	92808.59	0.0472	P	2.7	-2.4
4	☐	10.000	10.015	159432.32	0.0810	P	3.6	0.2
5	☐	100.000	99.702	1293781.41	0.6710	M	4.9	-0.3
6	☐	200.000	200.150	2497788.71	1.3318	A	2.2	0.1
7	☐	1.000						

y = 0.0066 * x + 0.0151
R = 1.0000
DL = 0.1618 ppb
BEC = 2.294 ppb

Weight: <None>
Min Conc: <None>

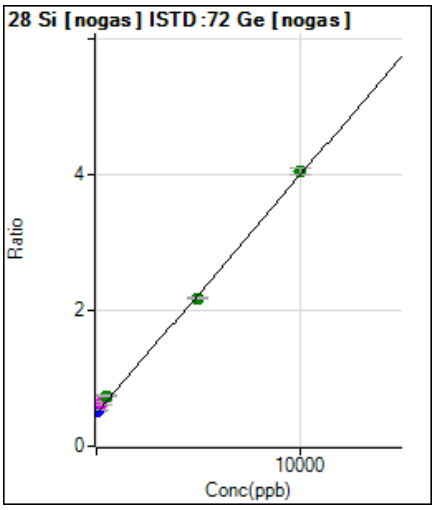
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1593.43	0.0017	P	17.2	
2	☐	2.000	2.272	3300.36	0.0036	P	8.9	13.6
3	☐	5.000	4.762	5130.78	0.0056	P	9.1	-4.8
4	☐	10.000	9.826	8872.20	0.0097	P	0.7	-1.7
5	☐	100.000	100.024	74278.08	0.0825	P	1.3	0.0
6	☑	200.000		150322.70	0.1729	P	1.7	
7	☐	1.000						

y = 8.0783E-004 * x + 0.0017
R = 1.0000
DL = 1.105 ppb
BEC = 2.145 ppb

Weight: <None>
Min Conc: <None>

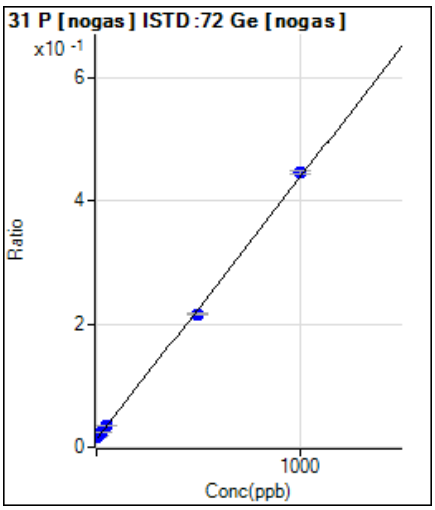


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1007422.77	0.5063	P	1.7	
2	☐	100.000	75.639	1063745.79	0.5328	P	0.1	-24.4
3	☐	250.000	353.682	1238483.78	0.6303	M	7.9	41.5
4	☐	500.000	666.369	1456866.02	0.7398	A	1.6	33.3
5	☐	5000.000	4763.017	4196428.38	2.1756	A	0.8	-4.7
6	☐	10000.00	10107.82	7593113.01	4.0488	A	2.4	1.1
7	☐	50.000						

y = 3.5047E-004 * x + 0.5063
R = 0.9994
DL = 75.49 ppb
BEC = 1445 ppb

Weight: <None>
Min Conc: <None>

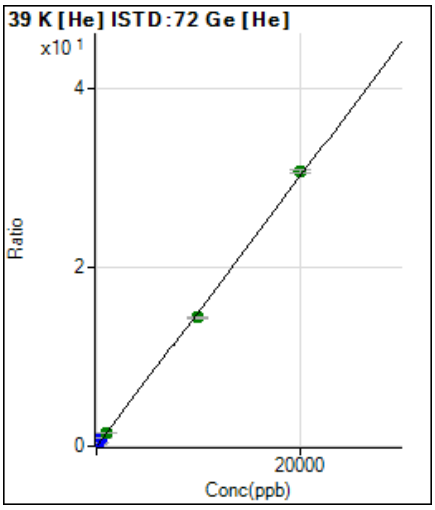
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	30084.25	0.0151	P	1.1	
2	☐	10.000	8.910	37757.90	0.0189	P	0.4	-10.9
3	☐	25.000	23.095	49056.87	0.0250	P	4.2	-7.6
4	☐	50.000	46.283	68583.77	0.0348	P	2.9	-7.4
5	☐	500.000	472.702	417548.63	0.2165	P	2.0	-5.5
6	☐	1000.000	1013.893	838422.77	0.4470	P	1.8	1.4
7	☐	5.000						

y = 4.2599E-004 * x + 0.0151
R = 0.9995
DL = 1.135 ppb
BEC = 35.49 ppb

Weight: <None>
Min Conc: <None>

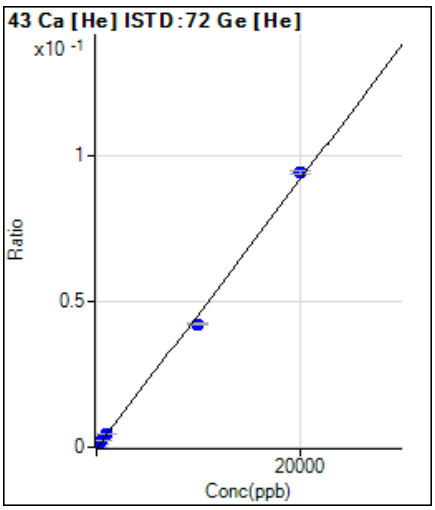


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	116642.27	0.1267	P	1.2	
2	☐	200.000	203.724	401656.46	0.4342	P	0.9	1.9
3	☐	500.000	495.710	804317.51	0.8748	P	0.0	-0.9
4	☐	1000.000	953.360	1436210.14	1.5654	A	0.6	-4.7
5	☐	10000.00	9442.464	12938077.73	14.3763	A	1.1	-5.6
6	☐	20000.00	20281.17	26724427.93	30.7330	A	1.1	1.4
7	☐	100.000						

y = 0.0015 * x + 0.1267
R = 0.9995
DL = 2.991 ppb
BEC = 83.98 ppb

Weight: <None>
Min Conc: <None>

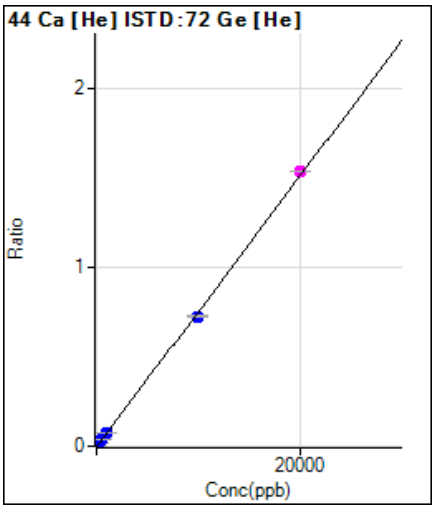
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	73.33	0.0001	P	28.6	
2	☐	200.000	217.460	1003.38	0.0011	P	9.5	8.7
3	☐	500.000	452.035	1993.48	0.0022	P	11.0	-9.6
4	☐	1000.000	918.742	3967.15	0.0043	P	1.3	-8.1
5	☐	10000.00	9133.229	38042.25	0.0423	P	0.7	-8.7
6	☐	20000.00	20438.47	82172.75	0.0945	P	1.3	2.2
7	☐	100.000						

y = 4.6195E-006 * x + 7.9737E-005
R = 0.9987
DL = 14.82 ppb
BEC = 17.26 ppb

Weight: <None>
Min Conc: <None>

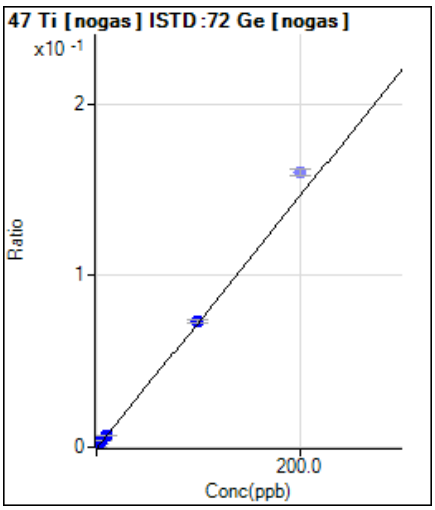


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2926.95	0.0032	P	9.8	
2	☐	200.000	186.520	15990.37	0.0173	P	2.3	-6.7
3	☐	500.000	457.425	34729.18	0.0378	P	1.0	-8.5
4	☐	1000.000	924.507	67056.39	0.0731	P	1.7	-7.5
5	☐	10000.00	9528.748	651353.43	0.7238	P	1.4	-4.7
6	☐	20000.00	20240.60	1333905.92	1.5338	M	0.6	1.2
7	☐	100.000						

y = 7.5622E-005 * x + 0.0032
R = 0.9996
DL = 12.32 ppb
BEC = 42.07 ppb

Weight: <None>
Min Conc: <None>

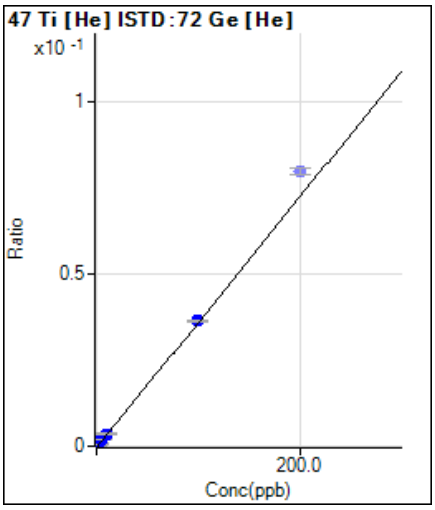
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	173.34	0.0001	P	32.5	
2	☐	2.000	2.074	3220.34	0.0016	P	2.2	3.7
3	☐	5.000	4.911	7278.19	0.0037	P	1.2	-1.8
4	☐	10.000	9.359	13731.94	0.0070	P	1.2	-6.4
5	☐	100.000	100.067	142147.18	0.0737	P	2.5	0.1
6	☑	200.000		300523.42	0.1602	P	2.1	
7	☐	1.000						

y = 7.3564E-004 * x + 8.7268E-005
R = 1.0000
DL = 0.1156 ppb
BEC = 0.1186 ppb

Weight: <None>
Min Conc: <None>

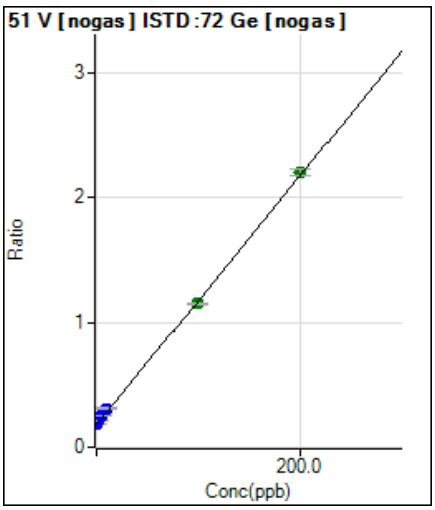


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6.67	0.0000	P	86.6	
2	☐	2.000	2.038	693.36	0.0007	P	18.1	1.9
3	☐	5.000	5.196	1746.78	0.0019	P	3.6	3.9
4	☐	10.000	9.867	3303.69	0.0036	P	5.7	-1.3
5	☐	100.000	100.003	32785.76	0.0364	P	0.9	0.0
6	☑	200.000		69388.76	0.0798	P	1.9	
7	☐	1.000						

y = 3.6422E-004 * x + 7.2665E-006
R = 1.0000
DL = 0.05184 ppb
BEC = 0.01995 ppb

Weight: <None>
Min Conc: <None>

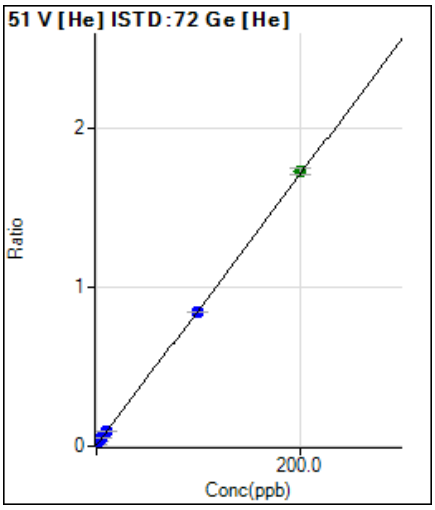
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	379777.91	0.1908	P	0.4	
2	☐	2.000	2.275	426266.52	0.2135	P	0.8	13.8
3	☐	5.000	6.336	499560.92	0.2540	P	1.6	26.7
4	☐	10.000	12.076	612637.58	0.3111	P	2.3	20.8
5	☐	100.000	96.214	2216690.90	1.1493	A	1.5	-3.8
6	☐	200.000	201.753	4127195.67	2.2006	A	2.3	0.9
7	☐	1.000						

y = 0.0100 * x + 0.1908
R = 0.9997
DL = 0.2214 ppb
BEC = 19.16 ppb

Weight: <None>
Min Conc: <None>

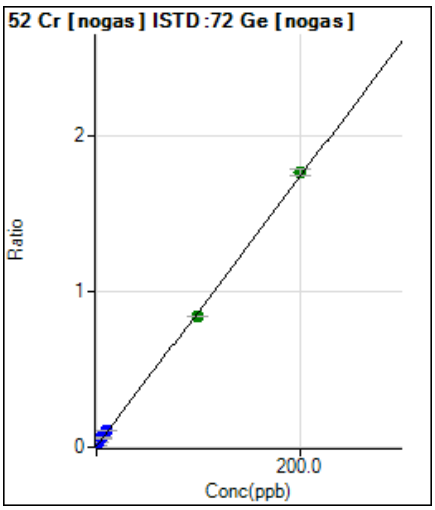


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13136.90	0.0143	P	1.9	
2	☐	2.000	2.000	28959.12	0.0313	P	1.5	0.0
3	☐	5.000	4.825	50895.73	0.0554	P	0.8	-3.5
4	☐	10.000	9.602	88096.42	0.0960	P	0.7	-4.0
5	☐	100.000	97.376	758967.04	0.8433	P	0.7	-2.6
6	☐	200.000	201.336	1502993.27	1.7285	A	2.1	0.7
7	☐	1.000						

y = 0.0085 * x + 0.0143
R = 0.9999
DL = 0.09565 ppb
BEC = 1.677 ppb

Weight: <None>
Min Conc: <None>

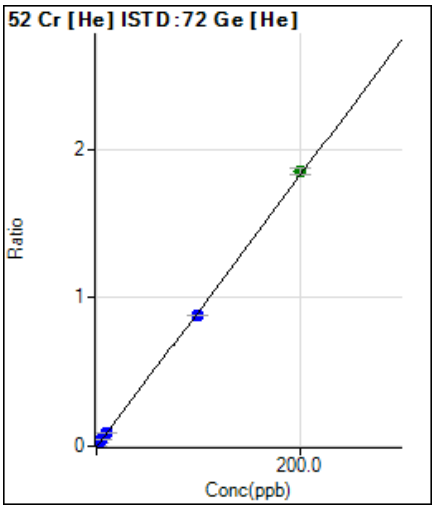
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	28912.81	0.0145	P	1.0	
2	☐	2.000	1.971	63073.47	0.0316	P	1.2	-1.5
3	☐	5.000	5.149	116224.03	0.0591	P	3.7	3.0
4	☐	10.000	10.189	202348.63	0.1028	P	2.4	1.9
5	☐	100.000	95.690	1626339.19	0.8431	A	0.5	-4.3
6	☐	200.000	202.142	3310065.79	1.7649	A	2.0	1.1
7	☐	1.000						

y = 0.0087 * x + 0.0145
R = 0.9997
DL = 0.04846 ppb
BEC = 1.678 ppb

Weight: <None>
Min Conc: <None>

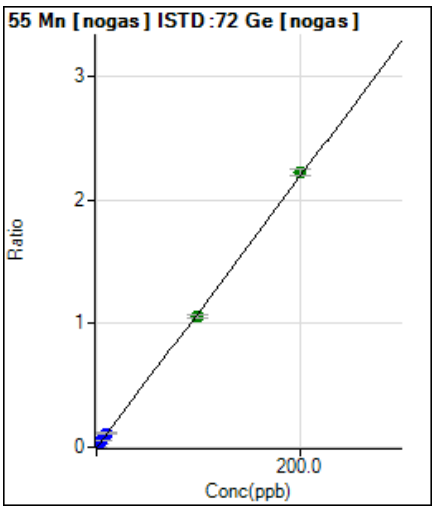


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2870.27	0.0031	P	8.9	
2	☐	2.000	1.929	19213.56	0.0208	P	2.3	-3.6
3	☐	5.000	4.665	42114.77	0.0458	P	2.4	-6.7
4	☐	10.000	9.432	82057.48	0.0894	P	0.1	-5.7
5	☐	100.000	95.993	793414.18	0.8816	P	1.0	-4.0
6	☐	200.000	202.041	1610455.44	1.8521	A	2.0	1.0
7	☐	1.000						

y = 0.0092 * x + 0.0031
R = 0.9997
DL = 0.09145 ppb
BEC = 0.3406 ppb

Weight: <None>
Min Conc: <None>

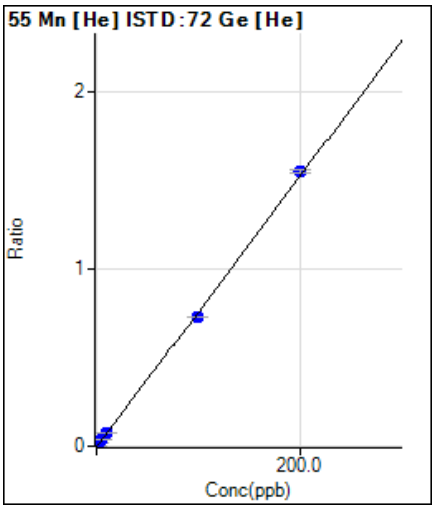
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10096.23	0.0051	P	2.6	
2	☐	2.000	1.957	53082.64	0.0266	P	0.5	-2.1
3	☐	5.000	4.931	116607.71	0.0593	P	1.1	-1.4
4	☐	10.000	9.879	223833.70	0.1137	P	2.1	-1.2
5	☐	100.000	95.901	2043079.09	1.0593	A	1.4	-4.1
6	☐	200.000	202.057	4175213.69	2.2262	A	2.0	1.0
7	☐	1.000						

y = 0.0110 * x + 0.0051
R = 0.9997
DL = 0.03595 ppb
BEC = 0.4614 ppb

Weight: <None>
Min Conc: <None>

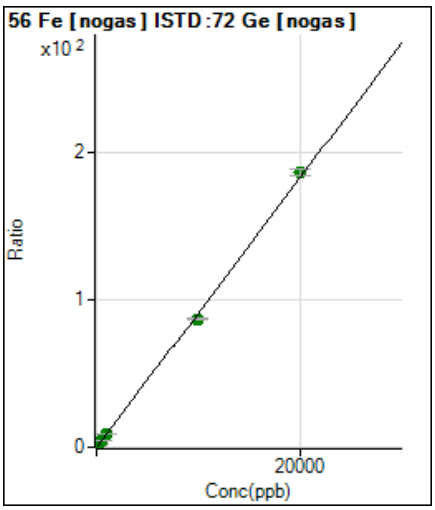


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1433.42	0.0016	P	11.0	
2	☐	2.000	1.957	15269.80	0.0165	P	3.0	-2.1
3	☐	5.000	4.644	34048.28	0.0370	P	2.6	-7.1
4	☐	10.000	9.306	66636.38	0.0726	P	0.9	-6.9
5	☐	100.000	94.916	653837.82	0.7265	P	0.5	-5.1
6	☐	200.000	202.586	1346769.77	1.5489	P	1.8	1.3
7	☐	1.000						

y = 0.0076 * x + 0.0016
R = 0.9996
DL = 0.06712 ppb
BEC = 0.2039 ppb

Weight: <None>
Min Conc: <None>

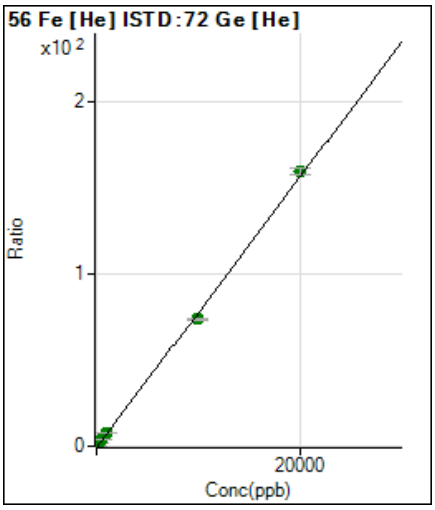
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1309853.71	0.6583	M	2.1	
2	☐	200.000	186.234	4715213.68	2.3619	A	0.7	-6.9
3	☐	500.000	466.063	9678202.15	4.9216	A	2.7	-6.8
4	☐	1000.000	930.555	18059279.31	9.1706	A	1.1	-6.9
5	☐	10000.00	9401.821	167150007.5	86.6614	A	1.6	-6.0
6	☐	20000.00	20303.54	349557861.4	186.384	A	2.0	1.5
7	☐	100.000						

y = 0.0091 * x + 0.6583
R = 0.9994
DL = 4.536 ppb
BEC = 71.97 ppb

Weight: <None>
Min Conc: <None>

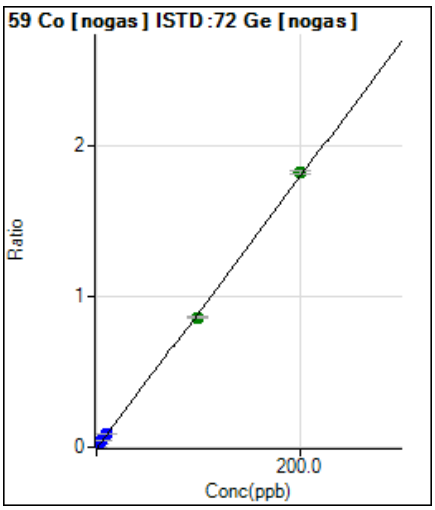


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	21579.49	0.0234	P	1.1	
2	☐	200.000	197.920	1462473.10	1.5810	A	3.5	-1.0
3	☐	500.000	471.763	3435043.91	3.7362	A	0.8	-5.6
4	☐	1000.000	929.689	6734244.90	7.3400	A	1.5	-7.0
5	☐	10000.00	9366.729	66361135.68	73.7382	A	1.3	-6.3
6	☐	20000.00	20320.87	139072807.9	159.945	A	1.9	1.6
7	☐	100.000						

y = 0.0079 * x + 0.0234
R = 0.9993
DL = 0.09584 ppb
BEC = 2.979 ppb

Weight: <None>
Min Conc: <None>

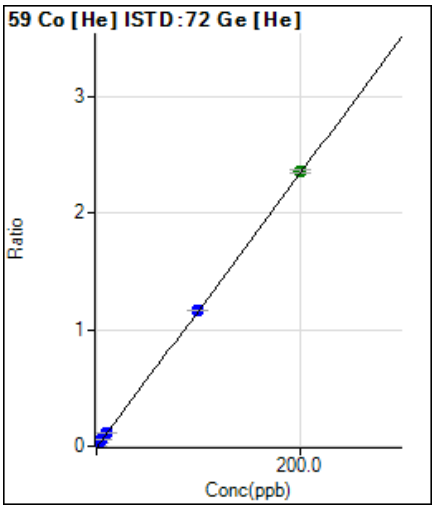
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	333.34	0.0002	P	19.5	
2	☐	2.000	2.063	37571.72	0.0188	P	1.1	3.1
3	☐	5.000	4.981	88916.65	0.0452	P	1.8	-0.4
4	☐	10.000	10.073	179670.87	0.0912	P	2.1	0.7
5	☐	100.000	95.451	1665086.64	0.8633	A	1.5	-4.5
6	☐	200.000	202.271	3430742.55	1.8292	A	1.7	1.1
7	☐	1.000						

y = 0.0090 * x + 1.6732E-004
R = 0.9996
DL = 0.01085 ppb
BEC = 0.0185 ppb

Weight: <None>
Min Conc: <None>

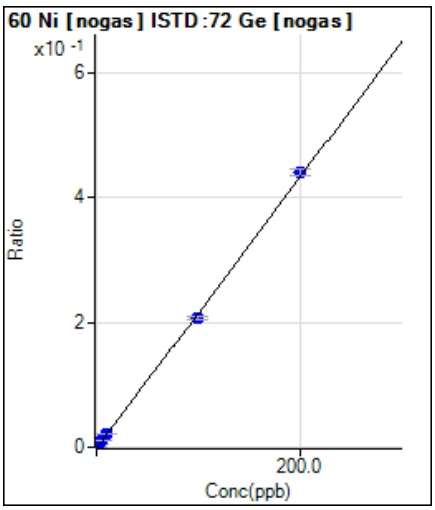


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	136.67	0.0001	P	9.3	
2	☐	2.000	1.983	21719.66	0.0235	P	2.9	-0.8
3	☐	5.000	5.006	54269.99	0.0590	P	0.7	0.1
4	☐	10.000	9.807	105971.85	0.1155	P	1.2	-1.9
5	☐	100.000	98.768	1045642.54	1.1619	P	0.2	-1.2
6	☐	200.000	200.626	2052140.86	2.3599	A	1.0	0.3
7	☐	1.000						

y = 0.0118 * x + 1.4857E-004
R = 1.0000
DL = 0.003539 ppb
BEC = 0.01263 ppb

Weight: <None>
Min Conc: <None>

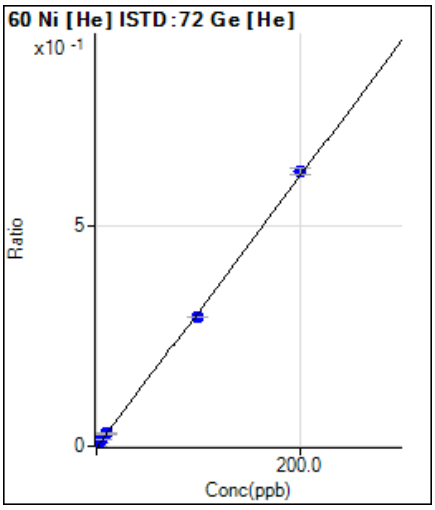
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	433.34	0.0002	P	10.6	
2	☐	2.000	1.829	8378.70	0.0042	P	0.4	-8.6
3	☐	5.000	4.755	20788.62	0.0106	P	1.8	-4.9
4	☐	10.000	9.508	41172.92	0.0209	P	1.8	-4.9
5	☐	100.000	94.872	398603.69	0.2067	P	2.4	-5.1
6	☐	200.000	202.596	827277.85	0.4411	P	2.1	1.3
7	☐	1.000						

y = 0.0022 * x + 2.1764E-004
R = 0.9995
DL = 0.0317 ppb
BEC = 0.1 ppb

Weight: <None>
Min Conc: <None>

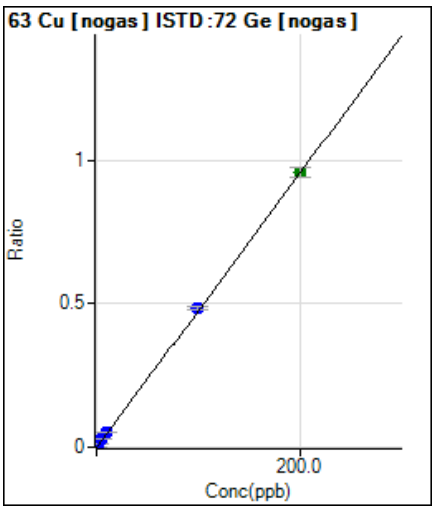


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	256.67	0.0003	P	12.9	
2	☐	2.000	1.865	5590.93	0.0060	P	3.3	-6.7
3	☐	5.000	4.679	13555.19	0.0147	P	4.1	-6.4
4	☐	10.000	9.076	25991.92	0.0283	P	2.6	-9.2
5	☐	100.000	95.214	265091.82	0.2946	P	0.4	-4.8
6	☐	200.000	202.449	544305.49	0.6260	P	2.0	1.2
7	☐	1.000						

y = 0.0031 * x + 2.7900E-004
R = 0.9996
DL = 0.035 ppb
BEC = 0.09027 ppb

Weight: <None>
Min Conc: <None>

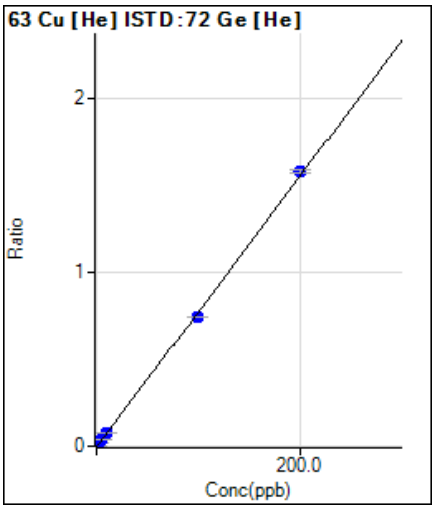
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5030.76	0.0025	P	3.4	
2	☐	2.000	1.992	24116.14	0.0121	P	0.9	-0.4
3	☐	5.000	5.006	52183.88	0.0265	P	2.4	0.1
4	☐	10.000	9.879	98257.43	0.0499	P	2.4	-1.2
5	☐	100.000	101.037	939341.11	0.4871	P	2.6	1.0
6	☐	200.000	199.488	1798803.99	0.9592	A	3.2	-0.3
7	☐	1.000						

y = 0.0048 * x + 0.0025
R = 1.0000
DL = 0.05433 ppb
BEC = 0.5271 ppb

Weight: <None>
Min Conc: <None>

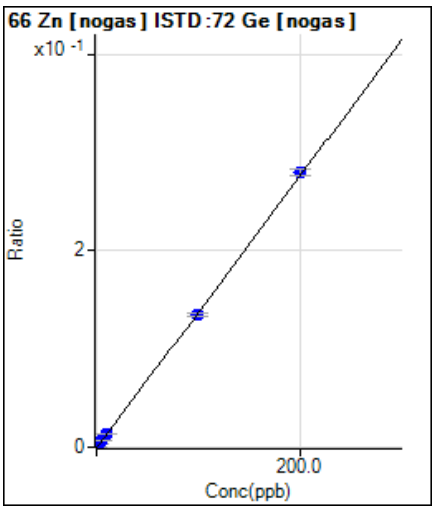


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2676.92	0.0029	P	9.3	
2	☐	2.000	1.990	17001.36	0.0184	P	5.1	-0.5
3	☐	5.000	4.720	36416.38	0.0396	P	0.3	-5.6
4	☐	10.000	9.395	69688.24	0.0760	P	1.4	-6.0
5	☐	100.000	94.951	667039.89	0.7412	P	1.0	-5.0
6	☐	200.000	202.562	1372046.02	1.5779	P	1.4	1.3
7	☐	1.000						

y = 0.0078 * x + 0.0029
R = 0.9996
DL = 0.1041 ppb
BEC = 0.3742 ppb

Weight: <None>
Min Conc: <None>

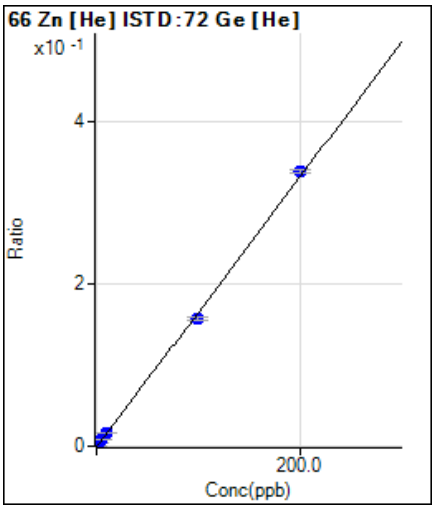
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	716.69	0.0004	P	5.6	
2	☐	2.000	1.841	5814.35	0.0029	P	3.4	-7.9
3	☐	5.000	4.696	13491.79	0.0069	P	7.7	-6.1
4	☐	10.000	9.454	26512.76	0.0135	P	3.1	-5.5
5	☐	100.000	96.768	259385.99	0.1345	P	2.5	-3.2
6	☐	200.000	201.653	524905.23	0.2799	P	2.1	0.8
7	☐	1.000						

y = 0.0014 * x + 3.6032E-004
R = 0.9998
DL = 0.04371 ppb
BEC = 0.2599 ppb

Weight: <None>
Min Conc: <None>

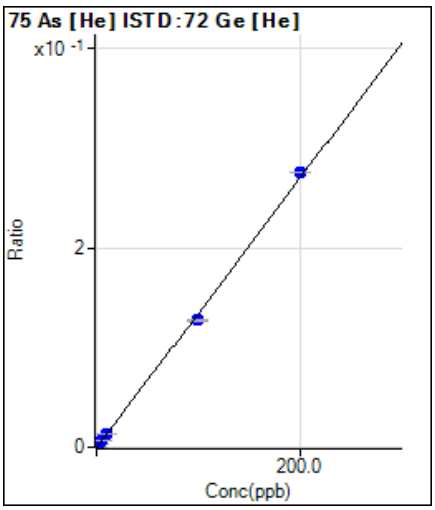


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	313.34	0.0003	P	7.1	
2	☐	2.000	2.066	3500.38	0.0038	P	2.1	3.3
3	☐	5.000	4.777	7631.70	0.0083	P	8.4	-4.5
4	☐	10.000	9.386	14666.05	0.0160	P	5.0	-6.1
5	☐	100.000	93.979	141247.84	0.1570	P	1.5	-6.0
6	☐	200.000	203.046	294519.81	0.3387	P	1.2	1.5
7	☐	1.000						

y = 0.0017 * x + 3.4042E-004
R = 0.9994
DL = 0.04344 ppb
BEC = 0.2043 ppb

Weight: <None>
Min Conc: <None>

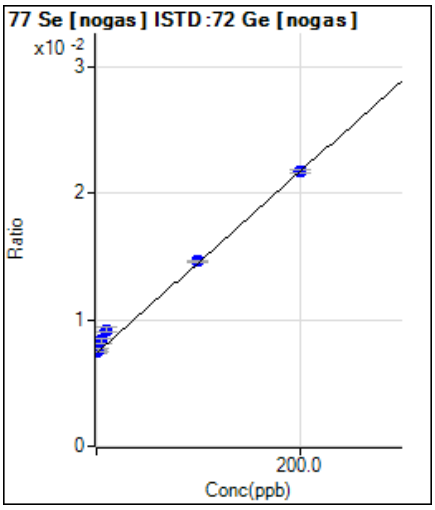
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	524.46	0.0006	P	4.6	
2	☐	2.000	1.886	2886.91	0.0031	P	1.6	-5.7
3	☐	5.000	4.531	6158.85	0.0067	P	3.3	-9.4
4	☐	10.000	9.204	11947.28	0.0130	P	2.8	-8.0
5	☐	100.000	93.492	114335.47	0.1270	P	1.2	-6.5
6	☐	200.000	203.307	239669.60	0.2756	P	0.5	1.7
7	☐	1.000						

y = 0.0014 * x + 5.6998E-004
R = 0.9993
DL = 0.05818 ppb
BEC = 0.4213 ppb

Weight: <None>
Min Conc: <None>

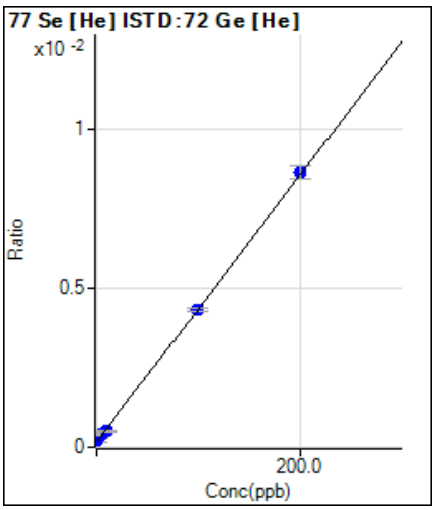


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	14849.57	0.0075	P	2.0	
2	☐	2.000	2.380	15236.56	0.0076	P	3.3	19.0
3	☐	5.000	12.225	16397.64	0.0083	P	3.7	144.5
4	☐	10.000	24.511	18145.90	0.0092	P	4.3	145.1
5	☐	100.000	100.045	28225.43	0.0146	P	0.5	0.0
6	☐	200.000	199.067	40759.28	0.0217	P	1.0	-0.5
7	☐	1.000						

y = 7.1677E-005 * x + 0.0075
R = 0.9976
DL = 6.215 ppb
BEC = 104.1 ppb

Weight: <None>
Min Conc: <None>

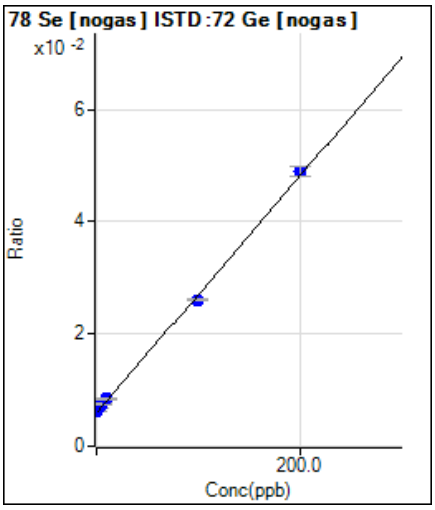
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	190.01	0.0002	P	42.8	
2	☐	2.000	2.711	296.68	0.0003	P	20.6	35.6
3	☐	5.000	4.487	363.34	0.0004	P	14.0	-10.3
4	☐	10.000	7.013	460.01	0.0005	P	10.9	-29.9
5	☐	100.000	98.251	3900.48	0.0043	P	2.6	-1.7
6	☐	200.000	201.030	7521.69	0.0087	P	4.6	0.5
7	☐	1.000						

y = 4.2006E-005 * x + 2.0685E-004
R = 0.9998
DL = 6.328 ppb
BEC = 4.924 ppb

Weight: <None>
Min Conc: <None>

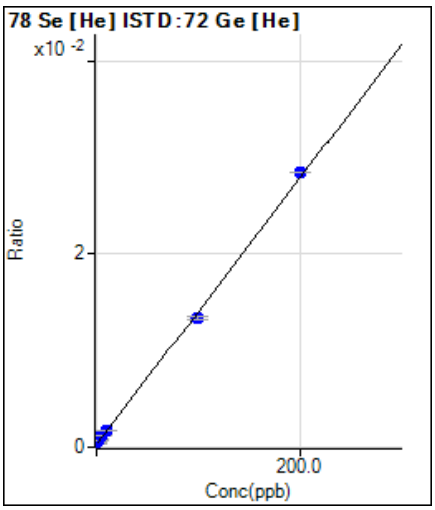


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	12347.68	0.0062	P	1.4	
2	☐	2.000	2.338	13371.76	0.0067	P	1.1	16.9
3	☐	5.000	6.048	14712.85	0.0075	P	2.0	21.0
4	☐	10.000	10.573	16607.80	0.0084	P	3.6	5.7
5	☐	100.000	94.365	50376.87	0.0261	P	2.0	-5.6
6	☐	200.000	202.759	91887.56	0.0490	P	3.0	1.4
7	☐	1.000						

y = 2.1106E-004 * x + 0.0062
R = 0.9994
DL = 1.233 ppb
BEC = 29.4 ppb

Weight: <None>
Min Conc: <None>

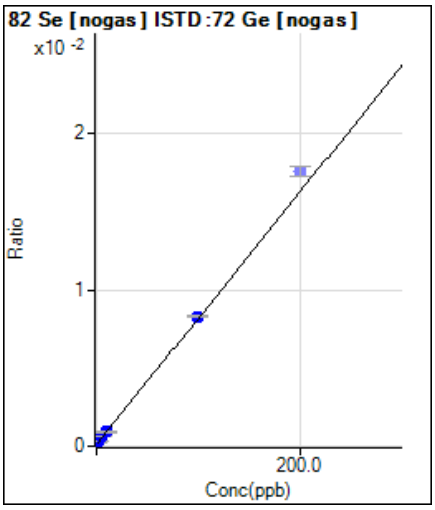
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	400.01	0.0004	P	2.9	
2	☐	2.000	2.323	698.68	0.0008	P	9.6	16.1
3	☐	5.000	5.192	1058.70	0.0012	P	3.7	3.8
4	☐	10.000	9.251	1570.74	0.0017	P	5.7	-7.5
5	☐	100.000	93.649	12027.99	0.0134	P	1.7	-6.4
6	☐	200.000	203.205	24776.80	0.0285	P	0.5	1.6
7	☐	1.000						

y = 1.3807E-004 * x + 4.3461E-004
R = 0.9993
DL = 0.2694 ppb
BEC = 3.148 ppb

Weight: <None>
Min Conc: <None>

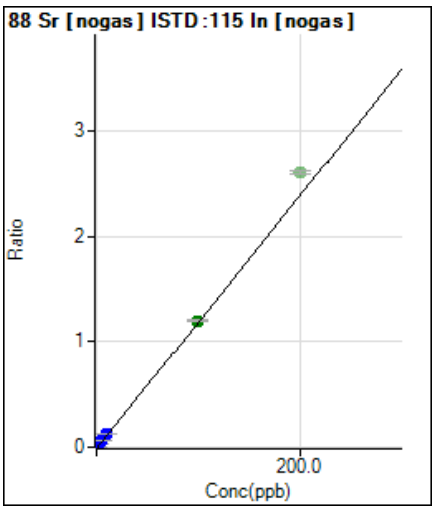


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	416.68	0.0002	P	20.8	
2	☐	2.000	1.438	650.02	0.0003	P	15.5	-28.1
3	☐	5.000	5.250	1246.74	0.0006	P	6.6	5.0
4	☐	10.000	9.068	1856.79	0.0009	P	11.2	-9.3
5	☐	100.000	100.092	15997.25	0.0083	P	1.4	0.1
6	☑	200.000		32977.08	0.0176	P	3.4	
7	☐	1.000						

y = 8.0752E-005 * x + 2.0955E-004
R = 0.9999
DL = 1.621 ppb
BEC = 2.595 ppb

Weight: <None>
Min Conc: <None>

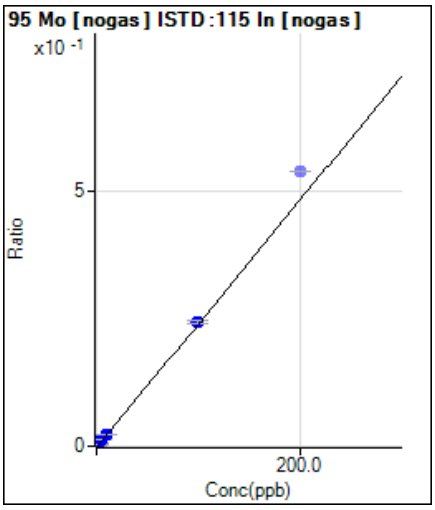
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	983.38	0.0005	P	9.6	
2	☐	2.000	2.126	48822.86	0.0260	P	0.6	6.3
3	☐	5.000	5.281	120067.33	0.0638	P	0.9	5.6
4	☐	10.000	10.502	234769.23	0.1264	P	4.4	5.0
5	☐	100.000	99.933	2206252.73	1.1978	A	2.0	-0.1
6	☑	200.000		4589134.62	2.6042	A	1.0	
7	☐	1.000						

y = 0.0120 * x + 5.2616E-004
R = 1.0000
DL = 0.01269 ppb
BEC = 0.04392 ppb

Weight: <None>
Min Conc: <None>

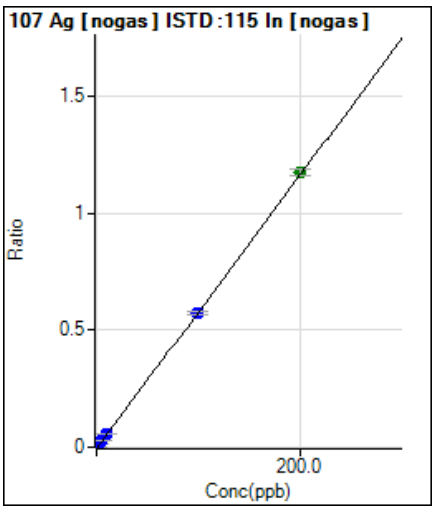


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	163.33	0.0001	P	26.3	
2	☐	2.000	1.983	9192.51	0.0049	P	5.3	-0.9
3	☐	5.000	4.746	21830.17	0.0116	P	3.0	-5.1
4	☐	10.000	9.707	43940.73	0.0236	P	1.8	-2.9
5	☐	100.000	100.042	447150.49	0.2428	P	3.1	0.0
6	☑	200.000		949616.31	0.5388	P	0.3	
7	☐	1.000						

y = 0.0024 * x + 8.7594E-005
R = 1.0000
DL = 0.02852 ppb
BEC = 0.0361 ppb

Weight: <None>
Min Conc: <None>

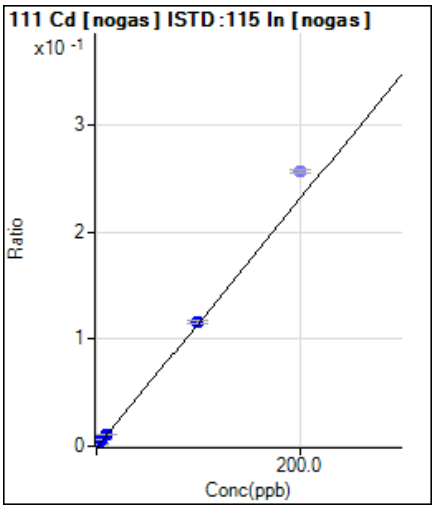
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	36.67	0.0000	P	42.2	
2	☐	2.000	1.925	21126.16	0.0113	P	1.0	-3.8
3	☐	5.000	4.830	53095.99	0.0282	P	0.6	-3.4
4	☐	10.000	9.693	105176.57	0.0566	P	2.9	-3.1
5	☐	100.000	97.913	1052549.59	0.5715	P	2.5	-2.1
6	☐	200.000	201.064	2067795.23	1.1735	A	1.8	0.5
7	☐	1.000						

y = 0.0058 * x + 1.9671E-005
R = 0.9999
DL = 0.004263 ppb
BEC = 0.00337 ppb

Weight: <None>
Min Conc: <None>

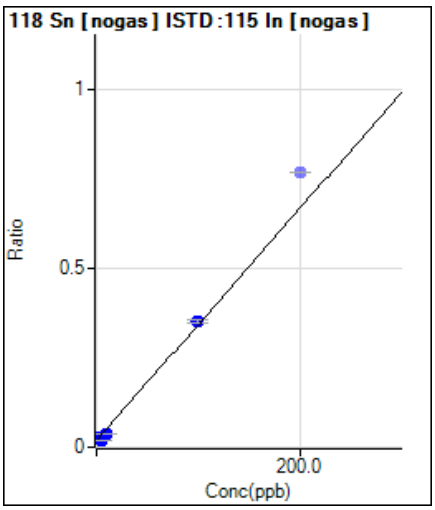


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	0.00	0.0000	P		
2	☐	2.000	1.988	4333.92	0.0023	P	4.9	-0.6
3	☐	5.000	4.895	10696.76	0.0057	P	2.3	-2.1
4	☐	10.000	9.722	20996.08	0.0113	P	2.2	-2.8
5	☐	100.000	100.033	213907.43	0.1162	P	2.8	0.0
6	☑	200.000		452106.67	0.2565	P	1.0	
7	☐	1.000						

y = 0.0012 * x + 0.0000E+000
R = 1.0000
DL = 0 ppb
BEC = 0 ppb

Weight: <None>
Min Conc: <None>

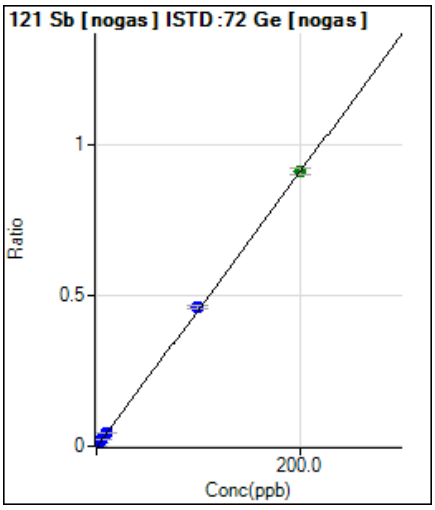
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	43751.36	0.0234	P	0.5	
2	☐	2.000	1.198	51211.63	0.0273	P	1.9	-40.1
3	☐	5.000	-0.998	37974.54	0.0202	P	1.1	-120.
4	☐	10.000	4.100	68112.04	0.0367	P	5.7	-59.0
5	☐	100.000	100.906	644311.19	0.3498	P	2.5	0.9
6	☑	200.000		1351306.33	0.7668	P	0.1	
7	☐	1.000						

y = 0.0032 * x + 0.0234
R = 0.9979
DL = 0.1135 ppb
BEC = 7.235 ppb

Weight: <None>
Min Conc: <None>

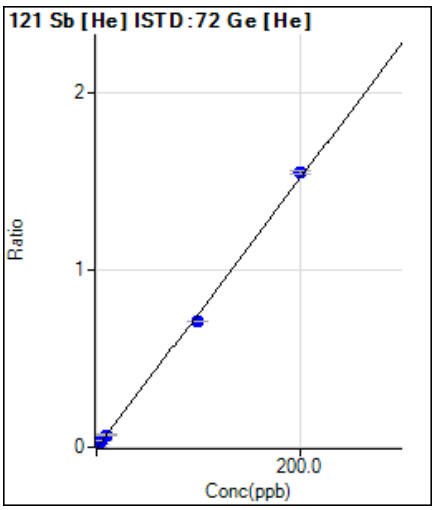


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1180.06	0.0006	P	7.6	
2	☐	2.000	1.940	18923.78	0.0095	P	2.6	-3.0
3	☐	5.000	4.751	43972.00	0.0224	P	1.5	-5.0
4	☐	10.000	9.534	87155.29	0.0443	P	2.9	-4.7
5	☐	100.000	101.267	895738.95	0.4645	P	2.6	1.3
6	☐	200.000	199.397	1714056.12	0.9140	A	2.8	-0.3
7	☐	1.000						

y = 0.0046 * x + 5.9269E-004
R = 1.0000
DL = 0.02937 ppb
BEC = 0.1294 ppb

Weight: <None>
Min Conc: <None>

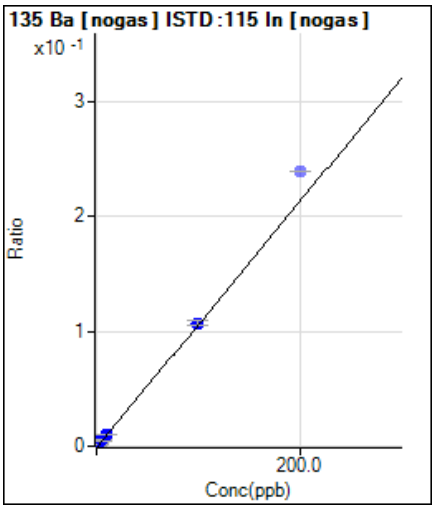
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	923.38	0.0010	P	10.2	
2	☐	2.000	1.803	13608.80	0.0147	P	1.9	-9.9
3	☐	5.000	4.374	31498.60	0.0343	P	1.7	-12.5
4	☐	10.000	9.037	63959.62	0.0697	P	0.8	-9.6
5	☐	100.000	93.084	637887.72	0.7088	P	1.2	-6.9
6	☐	200.000	203.524	1346606.34	1.5485	P	0.8	1.8
7	☐	1.000						

y = 0.0076 * x + 0.0010
R = 0.9992
DL = 0.04035 ppb
BEC = 0.1319 ppb

Weight: <None>
Min Conc: <None>

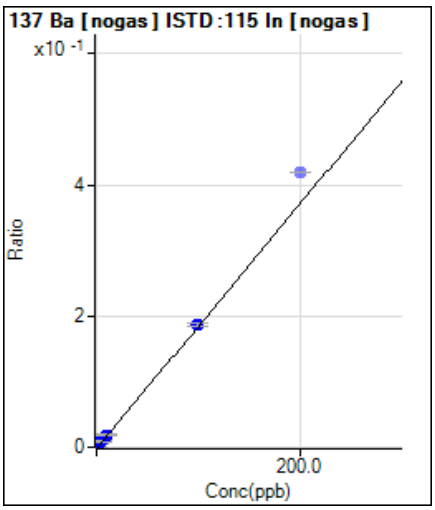


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	76.67	0.0000	P	21.4	
2	☐	2.000	1.923	3947.17	0.0021	P	6.8	-3.9
3	☐	5.000	4.694	9559.45	0.0051	P	2.6	-6.1
4	☐	10.000	9.477	18973.93	0.0102	P	4.3	-5.2
5	☐	100.000	100.069	197851.95	0.1074	P	3.2	0.1
6	☑	200.000		422123.61	0.2395	P	0.4	
7	☐	1.000						

y = 0.0011 * x + 4.1104E-005
R = 1.0000
DL = 0.02458 ppb
BEC = 0.0383 ppb

Weight: <None>
Min Conc: <None>

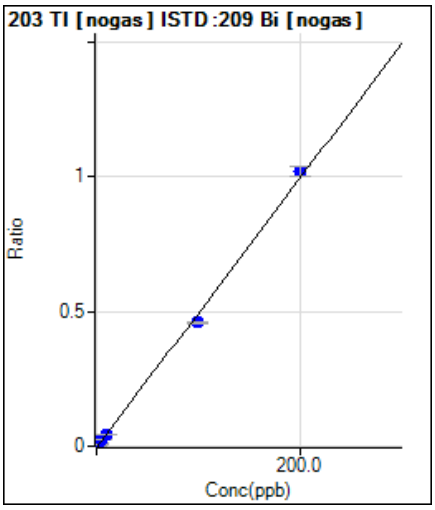
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	120.00	0.0001	P	15.7	
2	☐	2.000	2.043	7278.32	0.0039	P	2.3	2.1
3	☐	5.000	4.730	16738.36	0.0089	P	2.0	-5.4
4	☐	10.000	9.959	34648.46	0.0187	P	5.8	-0.4
5	☐	100.000	100.017	343941.77	0.1868	P	2.9	0.0
6	☑	200.000		739029.63	0.4193	P	0.2	
7	☐	1.000						

y = 0.0019 * x + 6.4286E-005
R = 1.0000
DL = 0.0162 ppb
BEC = 0.03444 ppb

Weight: <None>
Min Conc: <None>

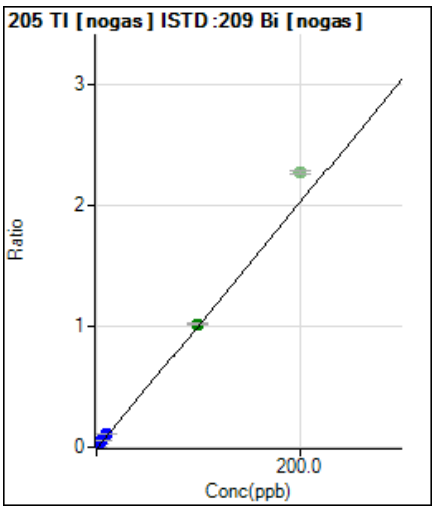


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	20.00	0.0000	P	48.2	
2	☐	2.000	1.841	13439.01	0.0092	P	5.1	-7.9
3	☐	5.000	4.440	32268.67	0.0222	P	3.4	-11.2
4	☐	10.000	8.804	65108.52	0.0440	P	3.6	-12.0
5	☐	100.000	91.951	665205.04	0.4596	P	1.3	-8.0
6	☐	200.000	204.100	1447584.04	1.0202	P	3.5	2.1
7	☐	1.000						

y = 0.0050 * x + 1.3960E-005
R = 0.9989
DL = 0.004039 ppb
BEC = 0.002793 ppb

Weight: <None>
Min Conc: <None>

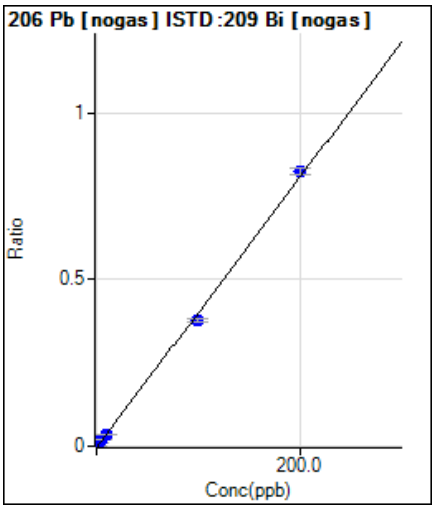
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	110.00	0.0001	P	35.4	
2	☐	2.000	2.109	31480.44	0.0216	P	1.2	5.4
3	☐	5.000	5.117	75948.40	0.0523	P	0.4	2.3
4	☐	10.000	10.328	155927.02	0.1054	P	3.4	3.3
5	☐	100.000	99.959	1475642.95	1.0195	A	2.0	0.0
6	☑	200.000		3233689.01	2.2788	A	1.8	
7	☐	1.000						

y = 0.0102 * x + 7.5661E-005
R = 1.0000
DL = 0.007873 ppb
BEC = 0.007419 ppb

Weight: <None>
Min Conc: <None>

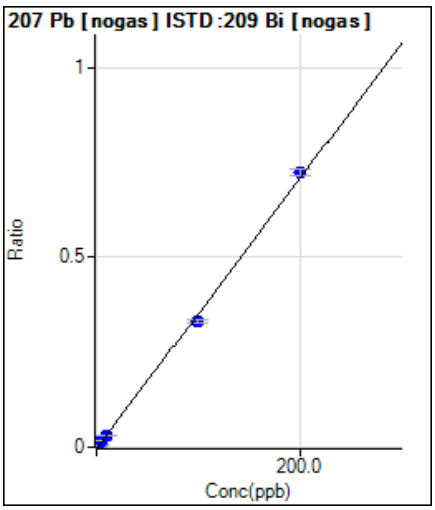


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	150.00	0.0001	P	43.8	
2	☐	2.000	1.920	11510.90	0.0079	P	4.4	-4.0
3	☐	5.000	4.576	27116.16	0.0187	P	2.5	-8.5
4	☐	10.000	8.861	53323.48	0.0360	P	0.8	-11.4
5	☐	100.000	93.603	549459.99	0.3797	P	2.7	-6.4
6	☐	200.000	203.267	1169705.09	0.8243	P	1.9	1.6
7	☐	1.000						

y = 0.0041 * x + 1.0600E-004
R = 0.9993
DL = 0.03436 ppb
BEC = 0.02614 ppb

Weight: <None>
Min Conc: <None>

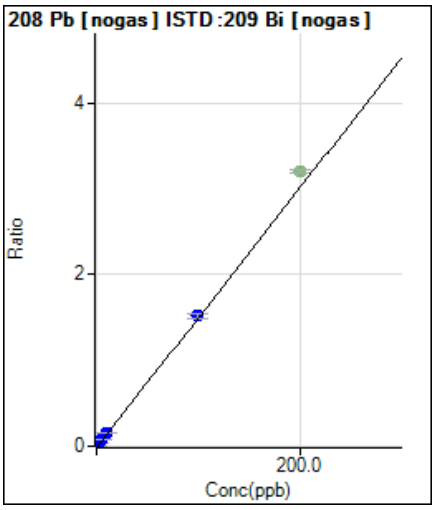
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	123.33	0.0001	P	37.0	
2	☐	2.000	1.810	9526.29	0.0065	P	3.6	-9.5
3	☐	5.000	4.547	23670.72	0.0163	P	2.8	-9.1
4	☐	10.000	8.892	47000.78	0.0318	P	1.7	-11.1
5	☐	100.000	93.320	481330.39	0.3326	P	2.9	-6.7
6	☐	200.000	203.409	1028496.00	0.7248	P	2.0	1.7
7	☐	1.000						

y = 0.0036 * x + 8.5507E-005
R = 0.9992
DL = 0.02665 ppb
BEC = 0.024 ppb

Weight: <None>
Min Conc: <None>

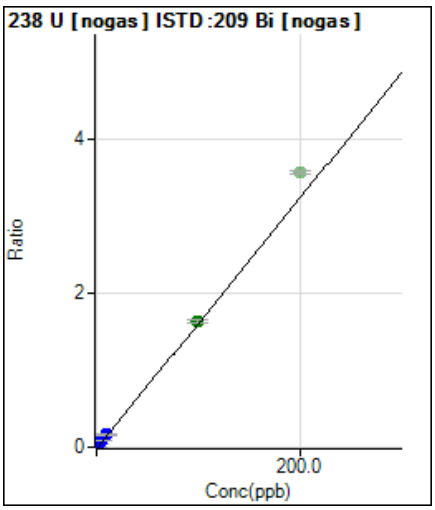


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	523.34	0.0004	P	21.8	
2	☐	2.000	2.008	44851.70	0.0308	P	2.9	0.4
3	☐	5.000	4.876	107799.27	0.0742	P	0.8	-2.5
4	☐	10.000	9.670	217093.79	0.1467	P	1.8	-3.3
5	☐	100.000	100.039	2191975.80	1.5146	P	2.9	0.0
6	☑	200.000		4543431.00	3.2018	A	1.6	
7	☐	1.000						

y = 0.0151 * x + 3.6563E-004
R = 1.0000
DL = 0.01583 ppb
BEC = 0.02416 ppb

Weight: <None>
Min Conc: <None>

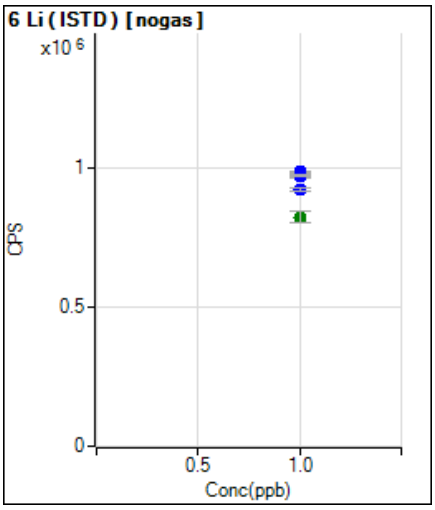
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	33.33	0.0000	P	23.9	
2	☐	2.000	2.065	48941.49	0.0336	P	0.6	3.2
3	☐	5.000	5.081	119966.64	0.0825	P	0.9	1.6
4	☐	10.000	10.051	241464.30	0.1633	P	4.1	0.5
5	☐	100.000	99.990	2350230.07	1.6239	A	2.3	0.0
6	☑	200.000		5055018.88	3.5623	A	1.5	
7	☐	1.000						

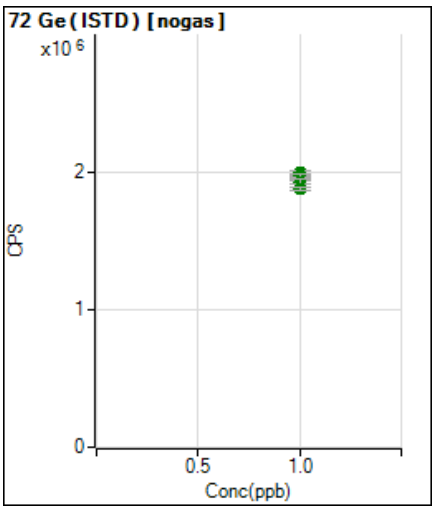
y = 0.0162 * x + 2.3473E-005
R = 1.0000
DL = 0.001037 ppb
BEC = 0.001445 ppb

Weight: <None>
Min Conc: <None>

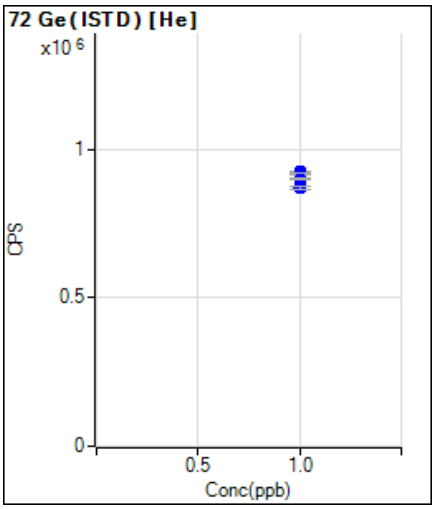


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		986666.30		P	0.3	
2	☐	1.000		979613.24		P	0.1	
3	☐	1.000		969054.57		P	1.8	
4	☐	1.000		973915.99		P	0.6	
5	☐	1.000		920100.69		P	0.9	
6	☐	1.000		820573.33		A	5.1	
7	☐	1.000						

Calibration for 019_ICV.d

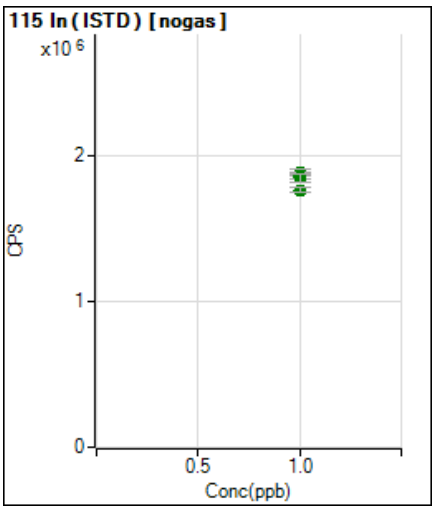


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1990043.88		A	1.4	
2	☐	1.000		1996438.56		A	0.8	
3	☐	1.000		1967762.11		A	3.7	
4	☐	1.000		1969434.97		A	1.5	
5	☐	1.000		1928985.44		A	1.4	
6	☐	1.000		1875824.40		A	1.5	
7	☐	1.000						

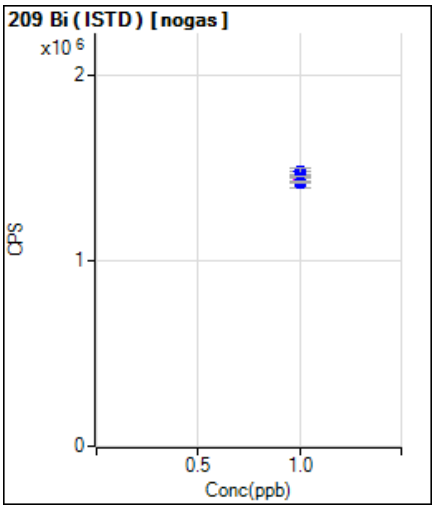


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		920366.50		P	0.9	
2	☐	1.000		925111.65		P	0.5	
3	☐	1.000		919418.95		P	0.4	
4	☐	1.000		917460.30		P	0.7	
5	☐	1.000		899967.30		P	0.2	
6	☐	1.000		869646.45		P	1.3	
7	☐	1.000						

Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1869410.32		A	1.6	
2	☐	1.000		1877619.83		A	2.5	
3	☐	1.000		1881906.87		A	1.9	
4	☐	1.000		1859495.83		A	2.8	
5	☐	1.000		1842574.82		A	2.9	
6	☐	1.000		1762345.33		A	1.6	
7	☐	1.000						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1433678.31		M	6.0	
2	☐	1.000		1458487.53		M	1.1	
3	☐	1.000		1453272.17		P	1.2	
4	☐	1.000		1479880.55		P	2.2	
5	☐	1.000		1447410.97		P	0.8	
6	☐	1.000		1419076.80		P	0.6	
7	☐	1.000						

Calibration Blank Report

Sample Table

Sample Name	CAL BLK
Data File Name	012CALB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:43:19-06:00
Sample Type	CalBlk
Level	1
Dilution	1
Comment	

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	15	222.22
B	11	1	nogas	8714	0.02
Al	27	1	nogas	30034	0.01
P	31	1	nogas	30084	0.01
Ti	47	1	nogas	173	18.33
Ni	60	1	nogas	433	2.63
Cu	63	1	nogas	5031	0.08
Zn	66	1	nogas	717	0.59
Se	77	1	nogas	14850	0.02
Se	82	1	nogas	417	4.90
Sr	88	1	nogas	983	0.96
Mo	95	1	nogas	163	15.15
Ag	107	1	nogas	37	113.62
Sn	118	1	nogas	43751	0.00
Sb	121	1	nogas	1180	0.73
Ba	137	1	nogas	120	12.03
Tl	205	1	nogas	110	36.02
Pb	208	1	nogas	523	4.26
Li	7	1	nogas	72197	0.00
Si	28	1	nogas	1007423	0.00
Na	23	2	He	36208	0.00
Mg	24	2	He	780	3.57
Al	27	2	He	1593	1.03
K	39	2	He	116642	0.00
Ca	43	2	He	73	38.71
Ca	44	2	He	2927	0.32
V	51	2	He	13137	0.01
Cr	52	2	He	2870	0.34
Mn	55	2	He	1433	0.79
Fe	56	2	He	21579	0.01
Co	59	2	He	137	6.18
Ni	60	2	He	257	4.88
Cu	63	2	He	2677	0.32
Zn	66	2	He	313	2.35
As	75	2	He	524	0.71
Sb	121	2	He	923	1.14
Se	78	2	He	400	0.78

Calibration Blank Report

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Ge	72	1	nogas	1990044	1.37
In	115	1	nogas	1869410	1.61

Calibration Blank Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Li	6	1	nogas	986666	0.28
Bi	209	1	nogas	1433678	5.97
Ge	72	2	He	920366	0.86

Calibration Standard Report

Sample Table

Sample Name	2/10/200
Data File Name	013CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:45:22-06:00
Sample Type	CalStd
Level	2
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	8849	0.04
B	11	1	nogas	32461	0.01
Al	27	1	nogas	57858	0.00
P	31	1	nogas	37758	0.00
Ti	47	1	nogas	3220	0.09
Ni	60	1	nogas	8379	0.01
Cu	63	1	nogas	24116	0.01
Zn	66	1	nogas	5814	0.05
Se	77	1	nogas	15237	0.02
Se	82	1	nogas	650	2.37
Sr	88	1	nogas	48823	0.01
Mo	95	1	nogas	9193	0.05
Ag	107	1	nogas	21126	0.01
Cd	111	1	nogas	4334	0.14
Sn	118	1	nogas	51212	0.00
Sb	121	1	nogas	18924	0.01
Ba	137	1	nogas	7278	0.03
Tl	205	1	nogas	31480	0.00
Pb	208	1	nogas	44852	0.01
Si	28	1	nogas	1063746	0.00
Na	23	2	He	357448	0.00
Mg	24	2	He	205305	0.00
Al	27	2	He	3300	0.26
K	39	2	He	401656	0.00
Ca	43	2	He	1003	0.99
Ca	44	2	He	15990	0.01
V	51	2	He	28959	0.00
Cr	52	2	He	19214	0.01
Mn	55	2	He	15270	0.02
Fe	56	2	He	1462473	0.00
Co	59	2	He	21720	0.01
Ni	60	2	He	5591	0.06
Cu	63	2	He	17001	0.03
Zn	66	2	He	3500	0.06
As	75	2	He	2887	0.05
Sb	121	2	He	13609	0.01
Se	78	2	He	699	1.35

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1996439	0.83	1990044	100.32	70	120	
In	115	1	nogas	1877620	2.52	1869410	100.44	70	120	
Li	6	1	nogas	979613	0.13	986666	99.29	70	120	
Bi	209	1	nogas	1458488	1.10	1433678	101.73	70	120	
Ge	72	2	He	925112	0.52	920366	100.52	70	120	

Calibration Standard Report

Sample Table

Sample Name	5/25/500
Data File Name	014CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:47:25-06:00
Sample Type	CalStd
Level	3
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	21590	0.01
B	11	1	nogas	67837	0.00
Al	27	1	nogas	92809	0.00
P	31	1	nogas	49057	0.00
Ti	47	1	nogas	7278	0.04
Ni	60	1	nogas	20789	0.02
Cu	63	1	nogas	52184	0.00
Zn	66	1	nogas	13492	0.03
Se	77	1	nogas	16398	0.02
Se	82	1	nogas	1247	0.63
Sr	88	1	nogas	120067	0.00
Mo	95	1	nogas	21830	0.01
Ag	107	1	nogas	53096	0.00
Cd	111	1	nogas	10697	0.03
Sn	118	1	nogas	37975	0.01
Sb	121	1	nogas	43972	0.01
Ba	137	1	nogas	16738	0.02
Tl	205	1	nogas	75948	0.00
Pb	208	1	nogas	107799	0.00
Si	28	1	nogas	1238484	0.00
Na	23	2	He	813452	0.00
Mg	24	2	He	496487	0.00
Al	27	2	He	5131	0.18
K	39	2	He	804318	0.00
Ca	43	2	He	1993	0.56
Ca	44	2	He	34729	0.00
V	51	2	He	50896	0.00
Cr	52	2	He	42115	0.01
Mn	55	2	He	34048	0.01
Fe	56	2	He	3435044	0.00
Co	59	2	He	54270	0.00
Ni	60	2	He	13555	0.03
Cu	63	2	He	36416	0.00
Zn	66	2	He	7632	0.11
As	75	2	He	6159	0.05
Sb	121	2	He	31499	0.00
Se	78	2	He	1059	0.37

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1967762	3.71	1990044	98.88	70	120	
In	115	1	nogas	1881907	1.88	1869410	100.67	70	120	
Li	6	1	nogas	969055	1.78	986666	98.22	70	120	
Bi	209	1	nogas	1453272	1.22	1433678	101.37	70	120	
Ge	72	2	He	919419	0.39	920366	99.90	70	120	

Calibration Standard Report

Sample Table

Sample Name	10/50/1000
Data File Name	015CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:49:26-06:00
Sample Type	CalStd
Level	4
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	43395	0.00
B	11	1	nogas	129796	0.00
Al	27	1	nogas	159432	0.00
P	31	1	nogas	68584	0.00
Ti	47	1	nogas	13732	0.02
Ni	60	1	nogas	41173	0.00
Cu	63	1	nogas	98257	0.00
Zn	66	1	nogas	26513	0.01
Se	77	1	nogas	18146	0.02
Se	82	1	nogas	1857	0.68
Sr	88	1	nogas	234769	0.00
Mo	95	1	nogas	43941	0.00
Ag	107	1	nogas	105177	0.00
Cd	111	1	nogas	20996	0.02
Sn	118	1	nogas	68112	0.00
Sb	121	1	nogas	87155	0.00
Ba	137	1	nogas	34648	0.01
Tl	205	1	nogas	155927	0.00
Pb	208	1	nogas	217094	0.00
Si	28	1	nogas	1456866	0.00
Na	23	2	He	1494016	0.00
Mg	24	2	He	981927	0.00
Al	27	2	He	8872	0.00
K	39	2	He	1436210	0.00
Ca	43	2	He	3967	0.05
Ca	44	2	He	67056	0.00
V	51	2	He	88096	0.00
Cr	52	2	He	82057	0.00
Mn	55	2	He	66636	0.00
Fe	56	2	He	6734245	0.00
Co	59	2	He	105972	0.00
Ni	60	2	He	25992	0.01
Cu	63	2	He	69688	0.00
Zn	66	2	He	14666	0.04
As	75	2	He	11947	0.03
Sb	121	2	He	63960	0.00
Se	78	2	He	1571	0.38

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1969435	1.46	1990044	98.96	70	120	
In	115	1	nogas	1859496	2.83	1869410	99.47	70	120	
Li	6	1	nogas	973916	0.64	986666	98.71	70	120	
Bi	209	1	nogas	1479881	2.23	1433678	103.22	70	120	
Ge	72	2	He	917460	0.67	920366	99.68	70	120	

Calibration Standard Report

Sample Table

Sample Name	100/500/10K
Data File Name	016CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:51:27-06:00
Sample Type	CalStd
Level	5
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	437434	0.00
B	11	1	nogas	1161322	0.00
Al	27	1	nogas	1293781	0.00
P	31	1	nogas	417549	0.00
Ti	47	1	nogas	142147	0.00
Ni	60	1	nogas	398604	0.00
Cu	63	1	nogas	939341	0.00
Zn	66	1	nogas	259386	0.00
Se	77	1	nogas	28225	0.01
Se	82	1	nogas	15997	0.02
Sr	88	1	nogas	2206253	0.00
Mo	95	1	nogas	447150	0.00
Ag	107	1	nogas	1052550	0.00
Cd	111	1	nogas	213907	0.00
Sn	118	1	nogas	644311	0.00
Sb	121	1	nogas	895739	0.00
Ba	137	1	nogas	343942	0.00
Tl	205	1	nogas	1475643	0.00
Pb	208	1	nogas	2191976	0.00
Si	28	1	nogas	4196428	0.00
Na	23	2	He	14321801	0.00
Mg	24	2	He	9105220	0.00
Al	27	2	He	74278	0.00
K	39	2	He	12938078	0.00
Ca	43	2	He	38042	0.00
Ca	44	2	He	651353	0.00
V	51	2	He	758967	0.00
Cr	52	2	He	793414	0.00
Mn	55	2	He	653838	0.00
Fe	56	2	He	66361136	0.00
Co	59	2	He	1045643	0.00
Ni	60	2	He	265092	0.00
Cu	63	2	He	667040	0.00
Zn	66	2	He	141248	0.00
As	75	2	He	114335	0.00
Sb	121	2	He	637888	0.00
Se	78	2	He	12028	0.01

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1928985	1.42	1990044	96.93	70	120	
In	115	1	nogas	1842575	2.91	1869410	98.56	70	120	
Li	6	1	nogas	920101	0.91	986666	93.25	70	120	
Bi	209	1	nogas	1447411	0.77	1433678	100.96	70	120	
Ge	72	2	He	899967	0.18	920366	97.78	70	120	

Calibration Standard Report

Sample Table

Sample Name	200/1000/20K
Data File Name	017CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:53:26-06:00
Sample Type	CalStd
Level	6
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	919169	0.00
B	11	1	nogas	2462967	0.00
Al	27	1	nogas	2497789	0.00
P	31	1	nogas	838423	0.00
Ti	47	1	nogas	300523	0.00
Ni	60	1	nogas	827278	0.00
Cu	63	1	nogas	1798804	0.00
Zn	66	1	nogas	524905	0.00
Se	77	1	nogas	40759	0.00
Se	82	1	nogas	32977	0.01
Sr	88	1	nogas	4589135	0.00
Mo	95	1	nogas	949616	0.00
Ag	107	1	nogas	2067795	0.00
Cd	111	1	nogas	452107	0.00
Sn	118	1	nogas	1351306	0.00
Sb	121	1	nogas	1714056	0.00
Ba	137	1	nogas	739030	0.00
Tl	205	1	nogas	3233689	0.00
Pb	208	1	nogas	4543431	0.00
Si	28	1	nogas	7593113	0.00
Na	23	2	He	29641845	0.00
Mg	24	2	He	18792272	0.00
Al	27	2	He	150323	0.00
K	39	2	He	26724428	0.00
Ca	43	2	He	82173	0.00
Ca	44	2	He	1333906	0.00
V	51	2	He	1502993	0.00
Cr	52	2	He	1610455	0.00
Mn	55	2	He	1346770	0.00
Fe	56	2	He	139072808	0.00
Co	59	2	He	2052141	0.00
Ni	60	2	He	544305	0.00
Cu	63	2	He	1372046	0.00
Zn	66	2	He	294520	0.00
As	75	2	He	239670	0.00
Sb	121	2	He	1346606	0.00
Se	78	2	He	24777	0.00

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1875824	1.46	1990044	94.26	70	120	
In	115	1	nogas	1762345	1.63	1869410	94.27	70	120	
Li	6	1	nogas	820573	5.08	986666	83.17	70	120	
Bi	209	1	nogas	1419077	0.60	1433678	98.98	70	120	
Ge	72	2	He	869646	1.31	920366	94.49	70	120	

Initial Calibration Verification (ICV) Report

Sample Table

Sample Name	ICV
Data File Name	019_ICV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:57:21-06:00
Sample Type	ICV
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	88.213	0.441	415549	1.01	100	88.2	90	110	ICV Main CR1 Failed
B	11	1	nogas	460.746	0.766	1164201	1.36	500	92.1	90	110	
Al	27	1	nogas	95.081	1.188	1244888	1.51	100	95.1	90	110	
P	31	1	nogas	457.566	1.080	408142	0.84	500	91.5	90	110	
Ti	47	1	nogas	88.088	1.510	134983	1.23	100	88.1	90	110	ICV Main CR1 Failed
Ni	60	1	nogas	90.305	1.003	382315	1.42	100	90.3	90	110	
Cu	63	1	nogas	95.725	1.232	896962	1.21	100	95.7	90	110	
Zn	66	1	nogas	91.300	1.475	246615	0.90	100	91.3	90	110	
Se	77	1	nogas	49.910	4.119	21453	2.61	100	49.9	90	110	ICV Main CR1 Failed
Se	82	1	nogas	92.342	4.463	15774	4.07	100	92.3	90	110	
Sr	88	1	nogas	90.074	1.196	2134687	2.05	100	90.1	90	110	
Mo	95	1	nogas	85.557	3.352	417667	1.29	100	85.6	90	110	ICV Main CR1 Failed
Ag	107	1	nogas	92.752	3.197	1000834	1.29	100	92.8	90	110	
Cd	111	1	nogas	89.180	2.408	207449	0.43	100	89.2	90	110	ICV Main CR1 Failed
Sn	118	1	nogas	86.032	3.911	618963	2.49	100	86.0	90	110	ICV Main CR1 Failed
Sb	121	1	nogas	96.516	2.179	860288	2.28	100	96.5	90	110	
Ba	137	1	nogas	86.665	3.063	328578	1.51	100	86.7	90	110	ICV Main CR1 Failed
Tl	205	1	nogas	93.408	4.449	1523563	3.46	100	93.4	90	110	
Pb	208	1	nogas	91.398	2.983	2116863	2.07	100	91.4	90	110	
U	238	1	nogas	88.638	0.969	2268509	1.61	100	88.6	90	110	ICV Main CR1 Failed
Li	7	1	nogas	92.845	2.715	1359312	1.90	100	92.8	90	110	
Si	28	1	nogas	5371.103	2.226	4641779	1.79	5000	107.4	90	110	
Ba	135	1	nogas	87.363	3.349	189415	1.26	100	87.4	90	110	ICV Main CR1 Failed
Tl	203	1	nogas	90.282	2.240	660056	1.20	100	90.3	90	110	
Na	23	2	He	9615.402	0.603	14548670	0.33	10000	96.2	90	110	
Mg	24	2	He	9574.153	1.244	9180840	0.87	10000	95.7	90	110	
Al	27	2	He	88.952	1.107	69206	1.43	100	89.0	90	110	ICV Main CR1 Failed
K	39	2	He	9607.897	1.421	13146609	1.09	10000	96.1	90	110	
Ca	43	2	He	9478.965	3.036	39429	2.62	10000	94.8	90	110	
Ca	44	2	He	9613.585	0.868	656329	0.46	10000	96.1	90	110	
V	51	2	He	93.122	0.813	725497	0.68	100	93.1	90	110	
Cr	52	2	He	93.573	0.950	772558	1.10	100	93.6	90	110	
Mn	55	2	He	91.257	0.124	627930	0.52	100	91.3	90	110	
Fe	56	2	He	9483.233	0.498	67105264	0.28	10000	94.8	90	110	
Co	59	2	He	96.692	0.774	1022420	0.65	100	96.7	90	110	
Ni	60	2	He	92.163	1.395	256292	1.19	100	92.2	90	110	
Cu	63	2	He	92.069	0.321	646097	0.55	100	92.1	90	110	
Zn	66	2	He	92.691	0.796	139149	0.73	100	92.7	90	110	
As	75	2	He	93.020	0.829	113625	0.68	100	93.0	90	110	
Sb	121	2	He	91.458	0.475	626001	0.53	100	91.5	90	110	
Se	78	2	He	92.713	1.354	11897	1.37	100	92.7	90	110	
Ti	47	2	He	93.315	1.185	32883	0.98	100	93.3	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1943321	1.27	1990044	97.65	70	120	
In	115	1	nogas	1849525	2.20	1869410	98.94	70	120	
Li	6	1	nogas	866405	0.68	986666	87.81	70	120	
Bi	209	1	nogas	1462883	1.04	1433678	102.04	70	120	
Ge	72	2	He	898882	0.42	920366	97.67	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV2
Data File Name	020LCV2.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:59:19-06:00
Sample Type	LLCCV2
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	1.722	1.698	8670	2.30	2	86.1	70	120	
B	11	1	nogas	32.140	7.961	94214	6.62	10	321.4	70	120	NewName Main CR1 Failed
Al	27	1	nogas	2.086	2.061	55277	0.81	2	104.3	70	120	
P	31	1	nogas	6.238	26.368	34098	3.33	10	62.4	70	120	NewName Main CR1 Failed
Ti	47	1	nogas	1.972	1.178	3147	1.57	2	98.6	70	120	
Ni	60	1	nogas	1.892	2.307	8319	3.01	2	94.6	70	120	
Cu	63	1	nogas	1.887	1.834	22214	1.03	2	94.4	70	120	
Zn	66	1	nogas	1.891	2.804	5721	3.16	2	94.5	70	120	
Se	77	1	nogas	-30.518	-10.775	10116	4.06	2	-1525.9	70	120	NewName Main CR1 Failed
Se	82	1	nogas	2.665	5.380	840	3.15	2	133.2	70	120	NewName Main CR1 Failed
Sr	88	1	nogas	1.953	1.023	47817	1.43	2	97.6	70	120	
Mo	95	1	nogas	2.181	3.084	10940	2.74	2	109.0	70	120	
Ag	107	1	nogas	1.919	2.253	21006	2.03	2	96.0	70	120	
Cd	111	1	nogas	1.781	7.725	4194	7.04	2	89.1	70	120	
Sn	118	1	nogas	1.207	8.930	51997	1.26	2	60.3	70	120	NewName Main CR1 Failed
Sb	121	1	nogas	2.043	1.481	19094	0.66	2	102.2	70	120	
Ba	137	1	nogas	1.795	2.085	7012	2.49	2	89.8	70	120	
Tl	205	1	nogas	2.144	7.948	34186	4.72	2	107.2	70	120	
Pb	208	1	nogas	1.964	2.172	44898	1.28	2	98.2	70	120	
Pb	206	1	nogas	1.925	3.062	11287	0.82	2	96.2	70	120	
Pb	207	1	nogas	1.947	4.022	10023	4.16	2	97.3	70	120	
U	238	1	nogas	2.014	3.910	50293	0.57	2	100.7	70	120	
Li	7	1	nogas	1.838	3.119	95023	0.88	2	91.9	70	120	
Ba	135	1	nogas	1.861	3.000	4161	2.50	2	93.0	70	120	
Tl	203	1	nogas	2.071	5.652	14784	3.42	2	103.5	70	120	
Na	23	2	He	206.215	0.047	339027	0.32	200	103.1	70	120	
Mg	24	2	He	207.852	0.803	195683	1.05	200	103.9	70	120	
Al	27	2	He	1.941	5.352	2967	2.53	2	97.0	70	120	
K	39	2	He	205.061	2.069	383481	1.18	200	102.5	70	120	
Ca	43	2	He	183.025	4.629	813	3.95	200	91.5	70	120	
Ca	44	2	He	192.777	1.082	15613	0.73	200	96.4	70	120	
V	51	2	He	1.193	2.916	21482	1.03	2	59.7	70	120	NewName Main CR1 Failed
Cr	52	2	He	1.953	7.040	18453	6.09	2	97.6	70	120	
Mn	55	2	He	2.021	4.455	14940	4.22	2	101.0	70	120	
Fe	56	2	He	197.246	1.056	1385332	0.76	200	98.6	70	120	
Co	59	2	He	2.022	3.843	21042	3.66	2	101.1	70	120	
Ni	60	2	He	1.921	3.738	5464	3.28	2	96.0	70	120	
Cu	63	2	He	1.816	6.557	14970	5.24	2	90.8	70	120	
Zn	66	2	He	1.882	3.797	3057	3.18	2	94.1	70	120	
As	75	2	He	2.002	2.933	2882	2.14	2	100.1	70	120	
Se	77	2	He	2.206	13.286	263	4.38	2	110.3	70	120	
Sb	121	2	He	1.997	2.937	14233	2.53	2	99.9	70	120	
Se	78	2	He	2.213	5.872	651	2.16	2	110.6	70	120	
Ti	47	2	He	2.361	11.689	820	11.76	2	118.0	70	120	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1918754	1.20	1990044	96.42	70	120	
In	115	1	nogas	1872261	0.81	1869410	100.15	70	120	
Li	6	1	nogas	924449	0.69	986666	93.69	70	120	
Bi	209	1	nogas	1427847	3.38	1433678	99.59	70	120	
Ge	72	2	He	879180	0.29	920366	95.52	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV5
Data File Name	021LCV5.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:01:22-06:00
Sample Type	LLCCV5
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	4.142	2.584	20980	3.19	5	82.8	70	130	
B	11	1	nogas	32.733	1.209	96506	1.59	25	130.9	70	130	NewName Main CR1 Failed
Al	27	1	nogas	4.790	3.190	89178	0.74	5	95.8	70	130	
P	31	1	nogas	19.570	10.159	44874	2.33	25	78.3	70	130	
Ti	47	1	nogas	4.462	2.564	6895	3.70	5	89.2	70	130	
Ni	60	1	nogas	4.621	1.041	19661	0.51	5	92.4	70	130	
Cu	63	1	nogas	4.765	1.366	48574	2.37	5	95.3	70	130	
Zn	66	1	nogas	4.594	2.945	12878	3.35	5	91.9	70	130	
Se	77	1	nogas	-25.361	-9.753	10797	1.73	5	-507.2	70	130	NewName Main CR1 Failed
Se	82	1	nogas	4.623	15.938	1160	11.95	5	92.5	70	130	
Sr	88	1	nogas	4.851	4.219	116158	2.47	5	97.0	70	130	
Mo	95	1	nogas	4.424	3.467	21817	2.02	5	88.5	70	130	
Ag	107	1	nogas	4.696	3.459	50853	1.89	5	93.9	70	130	
Cd	111	1	nogas	4.553	3.489	10630	5.27	5	91.1	70	130	
Sn	118	1	nogas	-0.880	-20.037	37494	1.89	5	-17.6	70	130	NewName Main CR1 Failed
Sb	121	1	nogas	5.001	0.886	44974	0.89	5	100.0	70	130	
Ba	137	1	nogas	4.376	1.486	16755	0.30	5	87.5	70	130	
Tl	205	1	nogas	4.697	2.138	77318	0.93	5	93.9	70	130	
Pb	208	1	nogas	4.633	2.379	108638	1.51	5	92.7	70	130	
U	238	1	nogas	4.686	3.025	120870	2.91	5	93.7	70	130	
Li	7	1	nogas	4.438	1.409	134679	0.49	5	88.8	70	130	
Si	28	1	nogas	163.307	10.366	1078469	0.39	25	653.2	70	130	NewName Main CR1 Failed
Na	23	2	He	505.499	1.120	778157	0.71	500	101.1	70	130	
Mg	24	2	He	505.627	0.826	473312	0.77	500	101.1	70	130	
Al	27	2	He	4.330	8.900	4727	5.76	5	86.6	70	130	
K	39	2	He	501.156	1.110	773648	0.51	500	100.2	70	130	
Ca	43	2	He	448.747	12.025	1887	12.02	500	89.7	70	130	
Ca	44	2	He	460.314	1.147	33286	1.34	500	92.1	70	130	
V	51	2	He	4.175	1.053	43652	1.12	5	83.5	70	130	
Cr	52	2	He	4.705	0.926	40461	1.13	5	94.1	70	130	
Mn	55	2	He	4.578	2.112	32001	1.70	5	91.6	70	130	
Fe	56	2	He	472.618	1.689	3279170	1.20	500	94.5	70	130	
Co	59	2	He	4.895	2.724	50572	2.62	5	97.9	70	130	
Ni	60	2	He	4.740	3.726	13078	3.48	5	94.8	70	130	
Cu	63	2	He	4.648	0.290	34215	0.32	5	93.0	70	130	
Zn	66	2	He	4.761	6.345	7248	5.61	5	95.2	70	130	
As	75	2	He	4.759	1.909	6140	1.44	5	95.2	70	130	
Sb	121	2	He	4.599	1.768	31519	1.29	5	92.0	70	130	
Se	78	2	He	5.191	4.400	1009	2.59	5	103.8	70	130	
Ti	47	2	He	5.040	7.549	1737	7.04	5	100.8	70	130	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1913927	1.45	1990044	96.18	70	120	
In	115	1	nogas	1854756	1.76	1869410	99.22	70	120	
Li	6	1	nogas	930938	0.68	986666	94.35	70	120	
Bi	209	1	nogas	1474165	1.36	1433678	102.82	70	120	
Ge	72	2	He	876155	0.47	920366	95.20	70	120	

Initial Calibration Blank (ICB) Report

Sample Table

Sample Name	ICB
Data File Name	022_ICB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:12:38-06:00
Sample Type	ICB
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.004	63.3	30	33.3	1	
B	11	1	nogas	8.382	4.7	26819	3.5	10	
Al	27	1	nogas	-0.525	-9.7	21613	3.3	5	
P	31	1	nogas	-4.827	-11.1	24256	1.3	10	
Ti	47	1	nogas	-0.024	-44.6	127	12.1	2.5	
Ni	60	1	nogas	0.039	29.3	563	8.4	2.5	
Cu	63	1	nogas	-0.178	-8.1	3107	4.6	1	
Zn	66	1	nogas	-0.036	-102.7	577	16.8	2.5	
Se	77	1	nogas	-20.973	-11.0	11064	2.5	2.5	
Se	82	1	nogas	-0.351	-76.5	333	12.5	1	
Sr	88	1	nogas	-0.006	-6.0	823	2.5	2.5	
Mo	95	1	nogas	0.111	9.1	647	8.8	2.5	
Ag	107	1	nogas	0.231	12.6	2477	11.2	2.5	
Cd	111	1	nogas	0.002	173.2	3	173.2	1	
Sn	118	1	nogas	-6.073	-0.5	6798	1.6	5	
Sb	121	1	nogas	0.053	26.9	1550	8.2	2.5	
Ba	137	1	nogas	0.009	95.7	147	19.7	2.5	
Tl	205	1	nogas	0.052	49.5	903	50.5	1	
Pb	208	1	nogas	0.017	43.2	930	30.0	2.5	
U	238	1	nogas	0.012	4.8	350	11.4	2.5	
Si	28	1	nogas	-26.214	-23.7	923281	0.9	5	
Na	23	2	He	1.033	14.9	35587	1.3	100	
Mg	24	2	He	0.117	47.1	843	7.1	100	
Al	27	2	He	-0.253	-90.0	1317	13.5	5	
K	39	2	He	-0.181	-975.3	109551	1.1	100	
Ca	43	2	He	-6.433	-22.6	43	13.3	100	
Ca	44	2	He	-15.915	-6.6	1713	4.4	100	
V	51	2	He	-0.402	-7.8	9399	2.0	2.5	
Cr	52	2	He	0.065	10.5	3214	2.8	2.5	
Mn	55	2	He	-0.018	-32.3	1230	2.2	2.5	
Fe	56	2	He	2.736	5.1	38968	2.3	100	
Co	59	2	He	0.006	41.2	193	13.0	2.5	
Ni	60	2	He	0.011	195.3	270	19.6	2.5	
Cu	63	2	He	-0.132	-6.9	1630	3.1	1	
Zn	66	2	He	0.011	470.6	310	22.6	2.5	
As	75	2	He	0.012	71.2	508	1.4	2.5	
Sb	121	2	He	0.026	16.4	1040	3.8	2.5	
Se	78	2	He	0.043	784.5	381	9.3	1	
Ti	47	2	He	0.021	80.1	13	43.3	2.5	

Initial Calibration Blank (ICB) Report

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1857232	0.45	1990044	93.33	70	120	
In	115	1	nogas	1809581	1.92	1869410	96.80	70	120	
Li	6	1	nogas	898757	1.27	986666	91.09	70	120	
Bi	209	1	nogas	1458776	11.22	1433678	101.75	70	120	
Ge	72	2	He	866401	1.15	920366	94.14	70	120	

Interference Check Solution A (ICS-A) Report

Sample Table

Sample Name	ICSA
Data File Name	023ICSA.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:14:43-06:00
Sample Type	ICSA
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.000	-550.7	12	65.5	0	ICSA Main CR1 Failed
B	11	1	nogas	7.158	2.9	22805	2.1	0	ICSA Main CR1 Failed
Al	27	1	nogas	88647.154	2.0	1043509931	1.2	0	
P	31	1	nogas	82717.810	1.6	63076854	0.9	0	
Ti	47	1	nogas	1718.753	1.4	2422314	0.5	0	
Ni	60	1	nogas	0.617	1.1	2794	1.8	0	ICSA Main CR1 Failed
Cu	63	1	nogas	0.819	6.3	11550	3.6	0	ICSA Main CR1 Failed
Zn	66	1	nogas	1.364	8.7	4027	6.4	0	ICSA Main CR1 Failed
Se	77	1	nogas	12.739	32.1	14983	3.2	0	
Se	82	1	nogas	0.166	289.9	400	17.5	0	ICSA Main CR1 Failed
Sr	88	1	nogas	0.939	1.4	21089	1.4	0	ICSA Main CR1 Failed
Mo	95	1	nogas	1805.389	1.2	7359076	0.6	0	
Ag	107	1	nogas	0.017	76.7	203	64.2	0	ICSA Main CR1 Failed
Cd	111	1	nogas	1.275	4.3	2487	3.0	0	ICSA Main CR1 Failed
Sn	118	1	nogas	-6.529	-0.5	3837	5.1	0	ICSA Main CR1 Failed
Sb	121	1	nogas	0.040	37.9	1390	8.1	0	ICSA Main CR1 Failed
Ba	137	1	nogas	0.068	35.8	320	22.5	0	ICSA Main CR1 Failed
Tl	205	1	nogas	0.003	88.3	133	24.1	0	ICSA Main CR1 Failed
Pb	208	1	nogas	0.031	28.1	1120	14.7	0	ICSA Main CR1 Failed
Si	28	1	nogas	110.764	28.6	975362	1.2	0	
Na	23	2	He	97614.237	0.8	134694848	0.9	0	
Mg	24	2	He	96124.672	1.3	84237954	0.8	0	
Al	27	2	He	89738.407	1.3	59555192	0.6	0	
K	39	2	He	95920.062	0.8	119023198	0.6	0	
Ca	43	2	He	92740.148	0.6	352020	0.2	0	
Ca	44	2	He	91068.375	0.9	5660395	1.0	0	
V	51	2	He	-0.457	-4.7	8533	1.7	0	ICSA Main CR1 Failed
Cr	52	2	He	0.945	2.3	9663	1.1	0	ICSA Main CR1 Failed
Mn	55	2	He	0.173	8.6	2364	3.9	0	ICSA Main CR1 Failed
Fe	56	2	He	95107.163	1.5	614907858	1.2	0	
Co	59	2	He	0.193	5.1	1990	4.9	0	ICSA Main CR1 Failed
Ni	60	2	He	0.199	11.8	733	8.3	0	ICSA Main CR1 Failed
Cu	63	2	He	0.129	9.2	3217	2.4	0	ICSA Main CR1 Failed
Zn	66	2	He	0.650	6.5	1170	4.8	0	ICSA Main CR1 Failed
As	75	2	He	0.184	21.7	673	6.8	0	ICSA Main CR1 Failed
Sb	121	2	He	-0.004	-287.5	800	8.7	0	ICSA Main CR1 Failed
Se	78	2	He	0.096	209.9	368	6.5	0	ICSA Main CR1 Failed
Ti	47	2	He	1896.996	0.5	610846	0.4	0	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1789445	0.89	1990044	89.92	70	120	
In	115	1	nogas	1680263	1.34	1869410	89.88	70	120	
Li	6	1	nogas	851858	1.35	986666	86.34	70	120	
Bi	209	1	nogas	1307217	1.94	1433678	91.18	70	120	
Ge	72	2	He	821550	0.64	920366	89.26	70	120	

Interference Check Solution AB (ICS-AB) Report

Sample Table

Sample Name	ICSAB
Data File Name	024ICSB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:16:42-06:00
Sample Type	ICSB
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	100.775	0.145	405699	0.94	100	100.8	80	120	
B	11	1	nogas	514.052	0.607	1099302	0.46	100	514.1	80	120	
Al	27	1	nogas	86397.319	2.129	1052542224	0.47	100	86397.3	80	120	ICSB Main CR1 Failed
Ti	47	1	nogas	1755.391	1.939	2560453	1.23	100	1755.4	80	120	ICSB Main CR1 Failed
Ni	60	1	nogas	88.004	0.530	355141	2.22	100	88.0	80	120	
Cu	63	1	nogas	92.995	0.808	830713	2.11	100	93.0	80	120	
Zn	66	1	nogas	92.255	0.878	237525	1.99	100	92.3	80	120	
Se	77	1	nogas	107.904	3.785	28139	1.13	100	107.9	80	120	
Se	82	1	nogas	87.844	2.157	14319	0.70	100	87.8	80	120	
Sr	88	1	nogas	95.437	1.364	2116193	1.40	100	95.4	80	120	
Mo	95	1	nogas	1849.685	2.273	7764069	0.48	100	1849.7	80	120	ICSB Main CR1 Failed
Ag	107	1	nogas	90.635	1.127	915459	1.61	100	90.6	80	120	
Cd	111	1	nogas	97.803	1.229	196499	0.61	100	97.8	80	120	
Sn	118	1	nogas	100.038	1.730	600525	1.91	100	100.0	80	120	
Sb	121	1	nogas	97.494	0.804	828290	2.09	100	97.5	80	120	
Ba	137	1	nogas	100.018	1.187	323217	2.45	100	100.0	80	120	
Tl	205	1	nogas	106.303	3.332	1465287	2.59	100	106.3	80	120	
Pb	208	1	nogas	94.835	2.869	2029559	2.19	100	94.8	80	120	
U	238	1	nogas	96.044	0.995	2271024	0.39	100	96.0	80	120	
Si	28	1	nogas	4743.566	2.383	4016311	1.21	100	4743.6	80	120	ICSB Main CR1 Failed
Na	23	2	He	102576.406	0.265	144779228	0.36	100	102576.4	80	120	ICSB Main CR1 Failed
Mg	24	2	He	102478.411	0.803	91864675	0.76	100	102478.4	80	120	ICSB Main CR1 Failed
Al	27	2	He	85818.813	0.473	58259721	0.38	100	85818.8	80	120	ICSB Main CR1 Failed
K	39	2	He	101506.739	1.363	128833271	1.38	100	101506.7	80	120	ICSB Main CR1 Failed
Ca	43	2	He	98630.404	0.533	382945	0.47	100	98630.4	80	120	ICSB Main CR1 Failed
Ca	44	2	He	96723.137	0.920	6149220	0.78	100	96723.1	80	120	ICSB Main CR1 Failed
V	51	2	He	97.678	0.387	710850	0.33	100	97.7	80	120	
Cr	52	2	He	94.507	0.520	729426	0.42	100	94.5	80	120	
Mn	55	2	He	93.422	0.874	600926	0.79	100	93.4	80	120	
Fe	56	2	He	101019.275	0.935	668096897	0.93	100	101019.3	80	120	ICSB Main CR1 Failed
Co	59	2	He	97.201	0.646	960878	0.73	100	97.2	80	120	
Ni	60	2	He	91.474	0.493	237814	0.36	100	91.5	80	120	
Cu	63	2	He	90.795	1.371	595691	1.25	100	90.8	80	120	
Zn	66	2	He	94.021	1.057	131950	0.94	100	94.0	80	120	
As	75	2	He	95.137	0.347	108632	0.31	100	95.1	80	120	
Sb	121	2	He	93.032	0.390	595298	0.46	100	93.0	80	120	
Se	78	2	He	95.008	1.373	11389	1.45	100	95.0	80	120	
Ti	47	2	He	1936.277	1.592	637759	1.45	100	1936.3	80	120	ICSB Main CR1 Failed

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1852390	2.52	1990044	93.08	70	120	
In	115	1	nogas	1730586	1.81	1869410	92.57	70	120	
Li	6	1	nogas	847452	1.04	986666	85.89	70	120	
Bi	209	1	nogas	1351673	0.81	1433678	94.28	70	120	
Ge	72	2	He	840343	0.15	920366	91.31	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01SD
Data File Name	028SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:24:43-06:00
Sample Type	Sample
Dilution	500
Comment	DISS B161680 Mn
ISTD Ref FileName	012CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.001	0.670	224.06	20	0.01	2000	
B	11	1	nogas	6.141	3070.642	8.54	22413	0.03	2000	
Al	27	1	nogas	3.299	1649.601	6.89	71066	0.00	2000	
Ti	47	1	nogas	0.038	19.018	65.83	227	0.02	2000	
Ni	60	1	nogas	0.170	85.176	4.59	1137	0.01	2000	
Cu	63	1	nogas	-0.271	-135.272	-3.21	2377	-0.01	2000	
Zn	66	1	nogas	0.675	337.310	17.21	2500	0.03	2000	
Se	77	1	nogas	-46.725	-23362.664	-3.46	7942	-0.59	2000	
Se	82	1	nogas	-0.130	-64.913	-93.04	383	-0.03	2000	
Sr	88	1	nogas	1.857	928.677	2.89	46340	0.00	2000	
Mo	95	1	nogas	0.507	253.363	5.17	2510	0.02	2000	
Ag	107	1	nogas	0.002	1.005	38.43	60	0.00	2000	
Cd	111	1	nogas	0.014	6.844	58.85	30	0.05	2000	
Sn	118	1	nogas	-6.907	-3453.296	-0.30	2027	-0.34	2000	
Sb	121	1	nogas	-0.065	-32.279	-18.48	573	-0.01	2000	
Ba	137	1	nogas	1.191	595.453	5.89	4357	0.03	2000	
Tl	205	1	nogas	0.005	2.453	17.70	183	0.00	2000	
Pb	208	1	nogas	0.004	2.021	25.62	627	0.00	2000	
U	238	1	nogas	0.002	0.888	54.28	80	0.00	2000	
Si	28	1	nogas	724.698	362348.972	5.80	1468692	0.05	2000	
Na	23	2	He	164.922	82461.217	1.14	280255	0.06	200000	
Mg	24	2	He	52.601	26300.566	1.35	50474	0.10	200000	
Al	27	2	He	4.820	2409.901	10.30	4987	0.10	2000	
K	39	2	He	8.425	4212.692	2.38	123573	0.01	200000	
Ca	43	2	He	237.642	118821.157	5.80	1043	22.78	200000	
Ca	44	2	He	252.766	126382.918	2.44	19757	1.28	200000	
V	51	2	He	-0.857	-428.633	-1.19	6181	-0.01	2000	
Cr	52	2	He	-0.030	-14.889	-82.57	2520	0.00	2000	
Mn	55	2	He	18.098	9049.214	0.81	123870	0.01	2000	
Fe	56	2	He	29.912	14956.198	1.74	229383	0.01	200000	
Co	59	2	He	0.004	2.151	75.54	177	0.00	2000	
Ni	60	2	He	0.188	94.195	9.13	763	0.02	2000	
Cu	63	2	He	-0.123	-61.646	-44.30	1727	-0.01	2000	
Zn	66	2	He	0.716	358.157	11.85	1360	0.05	2000	
As	75	2	He	-0.188	-93.888	-12.97	280	-0.07	2000	
Sb	121	2	He	-0.069	-34.328	-26.48	427	-0.02	2000	
Se	78	2	He	-0.004	-1.982	-4668.55	385	0.00	2000	
Ti	47	2	He	0.269	134.718	21.42	100	0.27	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1931818	1.42	1990044	97.07	70	120	
In	115	1	nogas	1906589	2.57	1869410	101.99	70	120	
Li	6	1	nogas	925466	0.64	986666	93.80	70	120	

Sample Report

Bi	209	1	nogas	1458135	3.34	1433678	101.71	70	120	
Ge	72	2	He	886154	0.94	920366	96.28	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01PDS
Data File Name	029SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:26:47-06:00
Sample Type	Sample
Dilution	100
Comment	DISS B161680 Mn
ISTD Ref FileName	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	101.817	10181.714	0.89	440046	0.02	2000	
B	11	1	nogas	6.881	688.117	6.39	23720	0.03	2000	
Al	27	1	nogas	99.769	9976.866	5.15	1278917	0.01	2000	
Ti	47	1	nogas	94.297	9429.690	0.36	141636	0.07	2000	
Ni	60	1	nogas	97.519	9751.898	0.35	404660	0.02	2000	
Cu	63	1	nogas	103.826	10382.640	0.30	953251	0.01	2000	
Zn	66	1	nogas	99.444	9944.358	0.68	263257	0.04	2000	
Se	77	1	nogas	28.992	2899.151	18.64	18173	0.16	2000	
Se	82	1	nogas	98.237	9823.721	1.08	16424	0.60	2000	
Sr	88	1	nogas	8.760	876.036	2.50	203987	0.00	2000	
Mo	95	1	nogas	105.101	10510.062	2.17	461556	0.02	2000	
Ag	107	1	nogas	100.274	10027.353	1.58	1059183	0.01	2000	
Cd	111	1	nogas	105.177	10517.693	1.02	221041	0.05	2000	
Sn	118	1	nogas	-6.898	-689.771	-0.46	1973	-0.35	2000	
Sb	121	1	nogas	99.366	9936.575	0.29	868163	0.01	2000	
Ba	137	1	nogas	109.909	10990.904	2.81	371320	0.03	2000	
Tl	205	1	nogas	103.980	10398.035	2.15	1564983	0.01	2000	
Pb	208	1	nogas	96.960	9696.034	0.34	2265861	0.00	2000	
U	238	1	nogas	0.003	0.318	50.38	117	0.00	2000	
Si	28	1	nogas	2325.529	232552.913	0.96	2516876	0.09	2000	>LDR
Na	23	2	He	10490.207	1049020.713	1.20	15758819	0.07	200000	
Mg	24	2	He	10084.064	1008406.421	1.14	9602947	0.11	200000	
Al	27	2	He	102.061	10206.141	1.04	75142	0.14	2000	
K	39	2	He	9840.903	984090.322	1.74	13369304	0.07	200000	
Ca	43	2	He	10374.526	1037452.611	1.25	42853	24.21	200000	
Ca	44	2	He	10822.863	1082286.339	1.30	733388	1.48	200000	
V	51	2	He	100.199	10019.869	0.62	774244	0.01	2000	
Cr	52	2	He	99.077	9907.697	1.51	812117	0.01	2000	
Mn	55	2	He	175.670	17567.001	0.54	1199087	0.01	2000	
Fe	56	2	He	9766.478	976647.773	2.21	68623972	0.01	200000	
Co	59	2	He	102.698	10269.813	1.16	1078354	0.01	2000	
Ni	60	2	He	97.936	9793.580	0.43	270449	0.04	2000	
Cu	63	2	He	97.859	9785.860	0.91	681782	0.01	2000	
Zn	66	2	He	98.448	9844.785	1.46	146741	0.07	2000	
As	75	2	He	95.709	9570.929	0.39	116087	0.08	2000	
Sb	121	2	He	92.325	9232.456	0.73	627540	0.01	2000	
Se	78	2	He	98.089	9808.938	1.31	12477	0.79	2000	
Ti	47	2	He	97.647	9764.733	0.06	34172	0.29	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1904846	0.76	1990044	95.72	70	120	
In	115	1	nogas	1810223	2.79	1869410	96.83	70	120	
Li	6	1	nogas	909850	1.32	986666	92.21	70	120	

Sample Report

Bi	209	1	nogas	1475809	1.40	1433678	102.94	70	120	
Ge	72	2	He	892665	0.80	920366	96.99	70	120	

Sample Report

Sample Table

Sample Name	HS21010463-01
Data File Name	035SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:38:49-06:00
Sample Type	Sample
Dilution	50
Comment	DISS B161680 Mn
ISTD Ref FileName	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.001	0.061	325.16	20	0.01	2000	
B	11	1	nogas	5.979	298.933	2.58	22680	0.03	2000	
Al	27	1	nogas	1.768	88.410	15.57	53763	0.00	2000	
Ti	47	1	nogas	-0.022	-1.121	-123.52	140	-0.02	2000	
Ni	60	1	nogas	-0.028	-1.378	-89.84	317	-0.01	2000	
Cu	63	1	nogas	-0.352	-17.578	-3.75	1693	-0.02	2000	
Zn	66	1	nogas	0.137	6.842	8.73	1107	0.01	2000	
Se	77	1	nogas	-56.012	-2800.587	-4.75	6931	-0.81	2000	
Se	82	1	nogas	-0.164	-8.196	-104.13	393	-0.04	2000	
Sr	88	1	nogas	15.308	765.378	0.54	382271	0.00	2000	
Mo	95	1	nogas	0.138	6.916	25.38	823	0.02	2000	
Ag	107	1	nogas	0.000	-0.007	-999.58	37	0.00	2000	
Cd	111	1	nogas	0.004	0.220	173.21	10	0.04	2000	
Sn	118	1	nogas	-6.969	-348.435	-0.54	1673	-0.42	2000	
Sb	121	1	nogas	0.024	1.219	52.32	1417	0.00	2000	
Ba	137	1	nogas	12.952	647.604	3.21	47138	0.03	2000	
Tl	205	1	nogas	0.000	-0.017	-764.55	103	0.00	2000	
Pb	208	1	nogas	-0.009	-0.437	-22.65	327	0.00	2000	
U	238	1	nogas	0.010	0.480	31.41	273	0.00	2000	
Si	28	1	nogas	2927.579	146378.932	1.18	3083159	0.09	2000	>LDR
Na	23	2	He	792.694	39634.678	1.14	1258954	0.06	200000	
Mg	24	2	He	389.514	19475.692	1.01	382493	0.10	200000	
Al	27	2	He	1.827	91.363	23.22	2947	0.06	2000	
K	39	2	He	61.529	3076.460	1.11	201735	0.03	200000	
Ca	43	2	He	1969.076	98453.783	3.66	8432	23.35	200000	
Ca	44	2	He	1989.211	99460.569	0.61	141127	1.41	200000	
V	51	2	He	-1.071	-53.559	-0.93	4735	-0.02	2000	
Cr	52	2	He	-0.049	-2.428	-44.56	2457	0.00	2000	
Mn	55	2	He	75.838	3791.905	1.18	533555	0.01	2000	
Fe	56	2	He	79.569	3978.463	0.65	596829	0.01	200000	
Co	59	2	He	0.006	0.309	10.18	203	0.00	2000	
Ni	60	2	He	-0.034	-1.691	-46.75	160	-0.02	2000	
Cu	63	2	He	-0.241	-12.039	-1.56	953	-0.03	2000	
Zn	66	2	He	0.209	10.472	19.07	633	0.03	2000	
As	75	2	He	-0.173	-8.639	-5.73	309	-0.06	2000	
Sb	121	2	He	0.005	0.251	185.76	957	0.00	2000	
Se	78	2	He	-0.252	-12.600	-48.73	367	-0.07	2000	
Ti	47	2	He	0.037	1.850	1.49	20	0.19	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2012001	0.72	1990044	101.10	70	120	
In	115	1	nogas	1944423	0.58	1869410	104.01	70	120	
Li	6	1	nogas	952340	0.42	986666	96.52	70	120	

Sample Report

Bi	209	1	nogas	1435636	4.19	1433678	100.14	70	120	
Ge	72	2	He	918713	1.00	920366	99.82	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	037_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:42:49-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.021	46.0	112	39.1	1	
B	11	1	nogas	19.389	12.4	56304	9.9	10	CCB Main CR1 Failed
Al	27	1	nogas	0.002	5909.5	30365	3.8	5	
P	31	1	nogas	-8.660	-7.8	22984	1.7	10	
Ti	47	1	nogas	0.035	79.3	230	17.4	2.5	
Ni	60	1	nogas	0.013	243.6	493	26.5	2.5	
Cu	63	1	nogas	-0.291	-10.7	2274	13.9	2	
Zn	66	1	nogas	0.003	749.3	733	8.0	2.5	
Se	77	1	nogas	-28.842	-13.1	10853	6.3	2.5	
Se	82	1	nogas	0.049	109.2	430	2.3	2	
Sr	88	1	nogas	0.015	129.9	1407	33.2	2.5	
Mo	95	1	nogas	0.503	12.7	2564	10.4	2.5	
Ag	107	1	nogas	0.019	72.4	250	60.0	2.5	
Cd	111	1	nogas	0.019	34.6	43	35.3	1	
Sn	118	1	nogas	-5.973	-1.8	8002	6.9	5	
Sb	121	1	nogas	0.323	2.5	4164	1.4	2.5	
Ba	137	1	nogas	0.018	48.2	193	15.8	2.5	
Tl	205	1	nogas	0.433	45.8	6512	47.9	1	
Pb	208	1	nogas	0.034	26.8	1297	18.8	2.5	
U	238	1	nogas	0.037	47.9	977	48.7	2.5	
Si	28	1	nogas	-141.473	-19.6	918578	1.1	5	
Na	23	2	He	1.142	80.9	37163	3.4	100	
Mg	24	2	He	1.806	5.5	2500	3.7	100	
Al	27	2	He	0.204	188.6	1710	16.7	5	
K	39	2	He	0.201	1400.3	114439	3.2	100	
Ca	43	2	He	-4.467	-275.4	53	96.2	100	
Ca	44	2	He	-15.784	-10.5	1790	5.9	100	
V	51	2	He	-0.705	-2.5	7455	2.2	2.5	
Cr	52	2	He	-0.035	-64.0	2517	7.8	2.5	
Mn	55	2	He	0.042	22.6	1693	3.6	2.5	
Fe	56	2	He	2.339	2.4	37705	0.6	100	
Co	59	2	He	0.013	25.0	273	12.8	2.5	
Ni	60	2	He	0.003	902.7	260	30.0	2.5	
Cu	63	2	He	-0.198	-10.1	1237	11.0	2	
Zn	66	2	He	-0.015	-206.3	283	16.7	2.5	
As	75	2	He	-0.028	-145.8	479	10.9	2.5	
Sb	121	2	He	0.225	17.3	2447	11.2	2.5	
Se	78	2	He	0.605	54.8	467	8.7	2	
Ti	47	2	He	0.142	22.8	57	20.4	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2011601	1.53	1990044	101.08	70	120	
In	115	1	nogas	1962613	1.63	1869410	104.99	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	980879	0.71	986666	99.41	70	120	
Bi	209	1	nogas	1438104	2.85	1433678	100.31	70	120	
Ge	72	2	He	900851	0.41	920366	97.88	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	038_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:44:51-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	98.835	0.162	433731	0.93	100	98.8	90	110	
B	11	1	nogas	525.677	0.611	1225255	0.81	500	105.1	90	110	
Al	27	1	nogas	96.397	2.241	1316802	2.59	100	96.4	90	110	
P	31	1	nogas	461.491	2.198	429338	1.94	500	92.3	90	110	
Ti	47	1	nogas	90.578	1.150	144860	1.69	100	90.6	90	110	
Ni	60	1	nogas	91.924	2.478	406076	1.53	100	91.9	90	110	
Cu	63	1	nogas	96.458	2.301	943178	1.98	100	96.5	90	110	
Zn	66	1	nogas	93.146	3.575	262573	3.54	100	93.1	90	110	
Se	77	1	nogas	52.664	12.231	22778	2.68	100	52.7	90	110	CCV Main CR1-2 Failed
Se	82	1	nogas	90.247	5.241	16094	4.05	100	90.2	90	110	
Sr	88	1	nogas	90.668	1.704	2245761	2.73	100	90.7	90	110	
Mo	95	1	nogas	95.487	3.125	447824	2.52	100	95.5	90	110	
Ag	107	1	nogas	94.894	3.091	1070328	2.62	100	94.9	90	110	
Cd	111	1	nogas	97.333	3.118	218388	2.51	100	97.3	90	110	
Sn	118	1	nogas	97.357	2.260	653869	1.65	100	97.4	90	110	
Sb	121	1	nogas	98.011	2.338	911672	2.19	100	98.0	90	110	
Ba	137	1	nogas	96.993	1.855	350013	1.82	100	97.0	90	110	
Tl	205	1	nogas	109.127	4.706	1552362	2.66	100	109.1	90	110	
Pb	208	1	nogas	101.001	5.174	2230062	2.18	100	101.0	90	110	
U	238	1	nogas	99.071	4.409	2417115	1.73	100	99.1	90	110	
Li	7	1	nogas	105.657	0.838	1458227	1.89	100	105.7	90	110	
Si	28	1	nogas	5376.149	2.557	4847819	1.96	5000	107.5	90	110	
Ba	135	1	nogas	88.694	2.853	201005	2.02	100	88.7	90	110	CCV Main CR1-2 Failed
Tl	203	1	nogas	100.923	6.042	703267	3.02	100	100.9	90	110	
Na	23	2	He	9667.901	0.993	14885951	0.98	10000	96.7	90	110	
Mg	24	2	He	9694.644	1.644	9460502	1.60	10000	96.9	90	110	
Al	27	2	He	93.394	2.771	70597	2.65	100	93.4	90	110	
K	39	2	He	9566.682	1.329	13321809	1.26	10000	95.7	90	110	
Ca	43	2	He	9235.345	0.587	39098	0.61	10000	92.4	90	110	
Ca	44	2	He	9582.219	0.294	665744	0.27	10000	95.8	90	110	
V	51	2	He	93.985	0.228	745014	0.25	100	94.0	90	110	
Cr	52	2	He	94.376	0.182	792898	0.22	100	94.4	90	110	
Mn	55	2	He	91.670	0.604	641882	0.54	100	91.7	90	110	
Fe	56	2	He	9507.109	0.472	68460881	0.52	10000	95.1	90	110	
Co	59	2	He	97.658	0.479	1050846	0.49	100	97.7	90	110	
Ni	60	2	He	94.395	1.133	267125	1.13	100	94.4	90	110	
Cu	63	2	He	94.370	1.241	673847	1.18	100	94.4	90	110	
Zn	66	2	He	93.528	1.600	142877	1.54	100	93.5	90	110	
As	75	2	He	93.553	0.808	116288	0.74	100	93.6	90	110	
Sb	121	2	He	92.025	0.770	640981	0.71	100	92.0	90	110	
Se	78	2	He	91.137	0.611	11908	0.55	100	91.1	90	110	
Ti	47	2	He	92.088	2.869	33023	2.84	100	92.1	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2028181	1.68	1990044	101.92	70	120	
In	115	1	nogas	1932727	1.50	1869410	103.39	70	120	
Li	6	1	nogas	923790	1.09	986666	93.63	70	120	
Bi	209	1	nogas	1395819	3.05	1433678	97.36	70	120	
Ge	72	2	He	914726	0.06	920366	99.39	70	120	

Sample Report

Sample Table

Sample Name	HS21010463-03
Data File Name	040SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:49:01-06:00
Sample Type	Sample
Dilution	50
Comment	DISS B161680 Mn
ISTD Ref FileName	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.004	0.189	119.87	32	0.01	2000	
B	11	1	nogas	12.585	629.253	6.41	38699	0.03	2000	
Al	27	1	nogas	2.069	103.448	6.35	57898	0.00	2000	
Ti	47	1	nogas	0.013	0.651	205.30	197	0.01	2000	
Ni	60	1	nogas	0.054	2.709	46.60	677	0.01	2000	
Cu	63	1	nogas	-0.339	-16.963	-2.81	1817	-0.02	2000	
Zn	66	1	nogas	-0.017	-0.839	-21.40	680	0.00	2000	
Se	77	1	nogas	-60.663	-3033.152	-4.37	6281	-0.97	2000	
Se	82	1	nogas	-0.020	-0.979	-1583.50	420	0.00	2000	
Sr	88	1	nogas	18.971	948.566	2.20	474706	0.00	2000	
Mo	95	1	nogas	0.181	9.065	17.32	1030	0.02	2000	
Ag	107	1	nogas	0.002	0.096	50.02	60	0.00	2000	
Cd	111	1	nogas	0.006	0.295	44.46	13	0.04	2000	
Sn	118	1	nogas	-6.905	-345.234	-0.39	2084	-0.33	2000	
Sb	121	1	nogas	-0.016	-0.807	-2.18	1047	0.00	2000	
Ba	137	1	nogas	13.178	658.886	0.79	48084	0.03	2000	
Tl	205	1	nogas	0.020	1.003	23.45	417	0.00	2000	
Pb	208	1	nogas	-0.004	-0.182	-43.93	457	0.00	2000	
U	238	1	nogas	0.008	0.386	42.70	233	0.00	2000	
Si	28	1	nogas	3412.014	170600.686	2.88	3433715	0.10	2000	>LDR
Na	23	2	He	1249.600	62480.016	1.50	1968606	0.06	200000	
Mg	24	2	He	496.533	24826.666	0.49	488582	0.10	200000	
Al	27	2	He	2.420	121.008	12.90	3397	0.07	2000	
K	39	2	He	72.294	3614.705	0.67	217198	0.03	200000	
Ca	43	2	He	2476.279	123813.952	2.84	10610	23.34	200000	
Ca	44	2	He	2570.880	128543.992	1.46	181968	1.41	200000	
V	51	2	He	-1.154	-57.714	-0.56	4095	-0.03	2000	
Cr	52	2	He	-0.079	-3.965	-36.92	2204	0.00	2000	
Mn	55	2	He	118.398	5919.880	0.54	834254	0.01	2000	
Fe	56	2	He	158.336	7916.790	0.58	1169162	0.01	200000	
Co	59	2	He	0.145	7.274	13.14	1713	0.01	2000	
Ni	60	2	He	0.067	3.332	41.95	447	0.01	2000	
Cu	63	2	He	-0.220	-11.003	-11.46	1103	-0.02	2000	
Zn	66	2	He	0.100	4.984	40.61	467	0.02	2000	
As	75	2	He	-0.117	-5.855	-29.01	379	-0.03	2000	
Sb	121	2	He	-0.023	-1.149	-78.77	763	0.00	2000	
Se	78	2	He	-0.284	-14.187	-108.50	364	-0.08	2000	
Ti	47	2	He	0.009	0.453	527.47	10	0.09	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2017777	1.81	1990044	101.39	70	120	
In	115	1	nogas	1949836	1.88	1869410	104.30	70	120	
Li	6	1	nogas	958842	1.13	986666	97.18	70	120	

Sample Report

Bi	209	1	nogas	1481346	4.44	1433678	103.32	70	120	
Ge	72	2	He	920969	0.68	920366	100.07	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	049_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T13:07:09-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	99.409	0.800	435759	1.33	100	99.4	90	110	
B	11	1	nogas	526.948	2.411	1226909	2.90	500	105.4	90	110	
Al	27	1	nogas	98.066	3.456	1317761	1.98	100	98.1	90	110	
P	31	1	nogas	465.030	3.429	425555	1.78	500	93.0	90	110	
Ti	47	1	nogas	89.648	3.156	141098	1.75	100	89.6	90	110	CCV Main CR1-2 Failed
Ni	60	1	nogas	92.364	2.892	401622	1.48	100	92.4	90	110	
Cu	63	1	nogas	96.968	3.002	933188	1.58	100	97.0	90	110	
Zn	66	1	nogas	94.113	3.541	261086	2.16	100	94.1	90	110	
Se	77	1	nogas	52.704	13.705	22427	3.21	100	52.7	90	110	CCV Main CR1-2 Failed
Se	82	1	nogas	92.543	3.327	16238	2.14	100	92.5	90	110	
Sr	88	1	nogas	91.866	1.487	2227974	2.00	100	91.9	90	110	
Mo	95	1	nogas	94.768	0.413	435290	1.14	100	94.8	90	110	
Ag	107	1	nogas	95.269	0.707	1052421	1.70	100	95.3	90	110	
Cd	111	1	nogas	97.367	1.496	213985	2.63	100	97.4	90	110	
Sn	118	1	nogas	97.208	0.800	639488	1.91	100	97.2	90	110	
Sb	121	1	nogas	97.950	3.424	896680	2.04	100	97.9	90	110	
Ba	137	1	nogas	97.427	0.874	344316	1.96	100	97.4	90	110	
Tl	205	1	nogas	105.268	5.336	1532451	2.02	100	105.3	90	110	
Pb	208	1	nogas	96.823	5.253	2188347	1.94	100	96.8	90	110	
U	238	1	nogas	95.763	5.933	2390362	1.12	100	95.8	90	110	
Li	7	1	nogas	103.743	0.961	1431256	0.68	100	103.7	90	110	
Si	28	1	nogas	5437.600	2.069	4814798	0.30	5000	108.8	90	110	
Ba	135	1	nogas	89.007	1.367	197583	2.52	100	89.0	90	110	CCV Main CR1-2 Failed
Tl	203	1	nogas	96.374	4.777	687682	2.07	100	96.4	90	110	
Na	23	2	He	9709.618	1.086	15214826	0.87	10000	97.1	90	110	
Mg	24	2	He	9613.954	0.575	9548054	0.42	10000	96.1	90	110	
Al	27	2	He	92.949	0.944	71514	0.80	100	92.9	90	110	
K	39	2	He	9559.285	0.378	13547604	0.31	10000	95.6	90	110	
Ca	43	2	He	9460.247	0.514	40758	0.69	10000	94.6	90	110	
Ca	44	2	He	9537.643	0.686	674398	0.24	10000	95.4	90	110	
V	51	2	He	92.882	0.910	749455	0.37	100	92.9	90	110	
Cr	52	2	He	93.011	0.229	795324	0.47	100	93.0	90	110	
Mn	55	2	He	91.033	1.348	648715	0.97	100	91.0	90	110	
Fe	56	2	He	9442.628	1.268	69199501	0.76	10000	94.4	90	110	
Co	59	2	He	95.909	0.185	1050334	0.60	100	95.9	90	110	
Ni	60	2	He	93.245	1.496	268566	2.00	100	93.2	90	110	
Cu	63	2	He	92.542	0.183	672577	0.67	100	92.5	90	110	
Zn	66	2	He	92.938	0.341	144500	0.85	100	92.9	90	110	
As	75	2	He	92.799	1.271	117396	0.74	100	92.8	90	110	
Sb	121	2	He	90.842	1.281	643983	1.52	100	90.8	90	110	
Se	78	2	He	93.145	0.731	12377	0.22	100	93.1	90	110	
Ti	47	2	He	92.442	1.079	33737	1.02	100	92.4	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1996488	1.43	1990044	100.32	70	120	
In	115	1	nogas	1892551	1.17	1869410	101.24	70	120	
Li	6	1	nogas	922718	0.53	986666	93.52	70	120	
Bi	209	1	nogas	1429670	5.14	1433678	99.72	70	120	
Ge	72	2	He	930948	0.52	920366	101.15	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	050_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T13:09:07-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.024	47.4	125	41.6	1	
B	11	1	nogas	20.253	12.8	58507	10.4	10	CCB Main CR1 Failed
Al	27	1	nogas	-0.259	-59.3	27159	9.1	5	
P	31	1	nogas	-9.988	-10.6	22023	4.5	10	
Ti	47	1	nogas	0.044	83.0	247	23.1	2.5	
Ni	60	1	nogas	0.044	58.7	633	16.2	2.5	
Cu	63	1	nogas	-0.259	-3.8	2604	3.1	2	
Zn	66	1	nogas	-0.022	-266.8	670	26.2	2.5	
Se	77	1	nogas	-36.923	-7.0	9766	5.9	2.5	
Se	82	1	nogas	0.283	132.5	473	12.2	2	
Sr	88	1	nogas	0.029	38.8	1737	14.7	2.5	
Mo	95	1	nogas	0.549	16.7	2764	14.4	2.5	
Ag	107	1	nogas	0.022	19.5	283	16.3	2.5	
Cd	111	1	nogas	0.038	57.7	87	58.1	1	
Sn	118	1	nogas	-6.045	-0.3	7495	0.7	5	
Sb	121	1	nogas	0.085	24.8	1990	7.9	2.5	
Ba	137	1	nogas	0.036	47.9	257	25.4	2.5	
Tl	205	1	nogas	0.297	45.5	4494	46.3	1	
Pb	208	1	nogas	0.036	32.9	1347	21.6	2.5	
U	238	1	nogas	0.050	37.1	1300	38.1	2.5	
Si	28	1	nogas	-136.944	-18.3	929090	1.4	5	
Na	23	2	He	26.052	2.0	75666	1.0	100	
Mg	24	2	He	2.231	6.5	2940	4.8	100	
Al	27	2	He	-0.079	-327.4	1520	12.5	5	
K	39	2	He	4.141	18.0	121107	0.8	100	
Ca	43	2	He	-2.207	-164.5	63	24.1	100	
Ca	44	2	He	-15.055	-9.5	1860	5.3	100	
V	51	2	He	-0.876	-2.1	6209	2.3	2.5	
Cr	52	2	He	-0.026	-31.0	2624	2.5	2.5	
Mn	55	2	He	0.088	46.4	2027	14.0	2.5	
Fe	56	2	He	2.987	10.5	42756	5.2	100	
Co	59	2	He	0.015	51.9	300	28.5	2.5	
Ni	60	2	He	-0.004	-376.4	243	16.6	2.5	
Cu	63	2	He	-0.195	-2.9	1267	3.2	2	
Zn	66	2	He	0.029	153.9	353	18.8	2.5	
As	75	2	He	0.004	961.7	524	9.9	2.5	
Sb	121	2	He	0.047	12.9	1237	3.4	2.5	
Se	78	2	He	0.065	750.8	404	15.3	2	
Ti	47	2	He	0.084	19.2	37	15.7	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2027618	2.14	1990044	101.89	70	120	
In	115	1	nogas	1948121	1.14	1869410	104.21	70	120	

Continuing Calibration Blank (CCB) Report

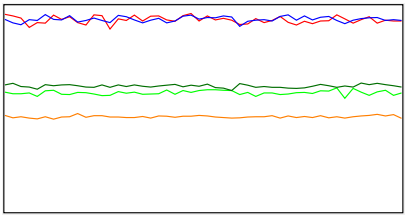
Li	6	1	nogas	982135	0.54	986666	99.54	70	120	
Bi	209	1	nogas	1439332	2.01	1433678	100.39	70	120	
Ge	72	2	He	910693	0.03	920366	98.95	70	120	

Tune Check Report

Operator Name	ALSHS NoUser
Acq/Data Batch	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq. Date-Time	1/27/2021 10:13:43 AM
Report Comment	---
Instrument Name	G3281A JP11080910

[nogas]

Sensitivity



Sampling Period [sec]	0.514
Integration Time [sec]	0.1

Mass	Range	Count	Resp [cps/ug/l]	Resp (Required) [cps/ug/l]	Resp (Flag)
9	5000	4657	46571.08		
24	20000	11550	115495.23		
59	20000	18684	186840.83		
115	50000	23044	230435.52		
208	20000	12199	121987.77		

Mass	Resp Ratio	Resp Ratio (Required)	Resp Ratio (Flag)
9		-	
24		-	
59		-	
115		-	
208		-	

Mass	RSD%	RSD% (Required)	RSD% (Flag)
9	1.850	5.000	
24	1.810	5.000	
59	1.373	5.000	
115	1.218	5.000	
208	1.261	5.000	

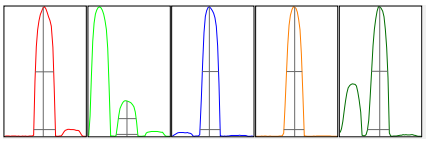
Mass	Background	Background (Required)	Background (Flag)
9	3.200		
24	1.900		
59	2.300		
115	1.700		
208	5.000		

Oxide/Doubly Charged Ratio

Oxide	156 / 140 0.519 %
Doubly Charged	70 / 140 1.322 %

Tune Check Report

Resolution/Axis



Integration Time [sec]	0.1
Acquisition Time [sec]	37.4
Y Axis	Linear

Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	4715.86	8.95	8.90 - 9.10	
24	11454.96	23.95	23.90 - 24.10	
59	19032.31	58.90	58.90 - 59.10	
115	23223.27	114.95	114.90 - 115.10	
208	12167.65	208.00	207.90 - 208.10	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.67	0.788		
24	0.64	0.787		
59	0.60	0.737		
115	0.56	0.736		
208	0.59	0.794		

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.45 L/min	Dilution Gas	0.50 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	---
RF Matching	1.70 V	Nebulizer Pump	0.10 rps	Plasma Gas	---
Sample Depth	8.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.0 V	Deflect	10.0 V
Extract 2	-200.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9990	QP Bias	-3.0 V
Mass Offset	127	Axis Offset	0.07		

Hardware Settings

Torch

Torch H	0.0 mm	Torch V	0.2 mm		

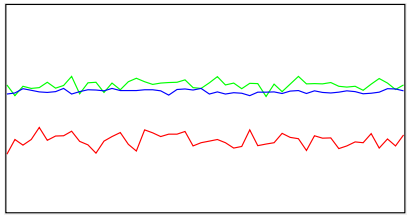
EM

Discriminator	4.5 mV	Analog HV	1565 V	Pulse HV	1217 V

[He]

Tune Check Report

Sensitivity



Sampling Period [sec]	0.306
Integration Time [sec]	0.1

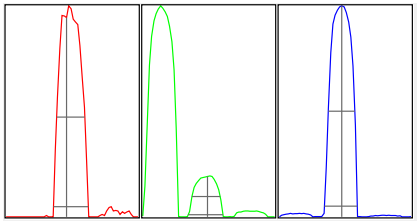
Mass	Range	Count	Resp [cps/ug/l]	Resp (Required) [cps/ug/l]	Resp (Flag)
9	500	173	1729.48		
24	2000	1229	12289.52		
59	20000	11659	116587.66		

Mass	Resp Ratio	Resp Ratio (Required)	Resp Ratio (Flag)
9		-	
24		-	
59		-	

Mass	RSD%	RSD% (Required)	RSD% (Flag)
9	8.966	5.000	Fail
24	3.528	5.000	
59	1.525	5.000	

Mass	Background	Background (Required)	Background (Flag)
9			
24			
59			

Resolution/Axis



Integration Time [sec]	0.1
Acquisition Time [sec]	22.24
Y Axis	Linear

Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	172.01	8.90	8.90 - 9.10	
24	1242.95	24.00	23.90 - 24.10	
59	11712.80	58.95	58.90 - 59.10	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.784		
24	0.63	0.776		
59	0.59	0.736		

Tune Parameters

Plasma Parameters

Tune Check Report

Plasma Mode	---	Nebulizer Gas	0.45 L/min	Dilution Gas	0.50 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	---
RF Matching	1.70 V	Nebulizer Pump	0.10 rps	Plasma Gas	---
Sample Depth	8.0 mm	S/C Temp	2 °C		
Lens Parameters					
Extract 1	0.0 V	Omega Lens	8.0 V	Deflect	2.0 V
Extract 2	-200.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-60 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	190 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9990	QP Bias	-13.0 V
Mass Offset	127	Axis Offset	0.07		
Hardware Settings					
Torch					
Torch H	0.0 mm	Torch V	0.2 mm		
EM					
Discriminator	4.5 mV	Analog HV	1565 V	Pulse HV	1217 V

HS21010463 Wet Chem Raw Data (9056_anions_W)

ALS WO# HS21010463

Sequence: 011321
Last Update Operator: alshs.nouser

CD	Name	Comment	Type	Position	Dilution	Level	Instrument Method	Processing Method	me	Status
	STD1		Calibration	BE1	1.00	1	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD2		Calibration	BE2	1.00	2	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD3		Calibration	BE3	1.00	3	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD4		Calibration	BE4	1.00	4	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD5		Calibration	BE5	1.00	5	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD6		Calibration	BE6	1.00	6	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	ICV		Unknown	BE7	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	ICB		Unknown	BE8	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCV		Unknown	R1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCB		Unknown	B1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010463-01		Unknown	RA1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010463-02		Unknown	RA2	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010463-03		Unknown	RA3	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010463-04		Unknown	RA4	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCV1		Unknown	R3	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCB		Unknown	B7	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010463-02MS		Unknown	RC1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010463-02MSD		Unknown	RC2	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCV		Unknown	R1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCB		Unknown	B1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	MBLK-011321		Unknown	B2	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	LCS-011321		Unknown	R2	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCV1		Unknown	R3	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCB		Unknown	B7	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished

Sequence: 011321
Last Update Operator: alshs.nouser

Inject Time
12/22/2020 10:09:24 AM -06:00
12/22/2020 10:27:30 AM -06:00
12/22/2020 10:45:39 AM -06:00
12/22/2020 11:03:45 AM -06:00
12/22/2020 11:21:56 AM -06:00
12/22/2020 11:40:02 AM -06:00
12/22/2020 11:58:12 AM -06:00
12/22/2020 12:37:40 PM -06:00
1/13/2021 4:35:26 PM -06:00
1/13/2021 4:56:02 PM -06:00
1/13/2021 5:14:13 PM -06:00
1/13/2021 5:32:26 PM -06:00
1/13/2021 5:50:34 PM -06:00
1/13/2021 6:08:41 PM -06:00
1/13/2021 8:15:33 PM -06:00
1/13/2021 8:51:45 PM -06:00
1/13/2021 10:58:33 PM -06:00
1/13/2021 11:16:40 PM -06:00
1/14/2021 12:11:03 AM -06:00
1/14/2021 12:29:10 AM -06:00
1/14/2021 1:05:28 AM -06:00
1/14/2021 1:23:34 AM -06:00
1/14/2021 3:48:37 AM -06:00
1/14/2021 4:24:54 AM -06:00

Sequence: 011521
Injection #6: STD6

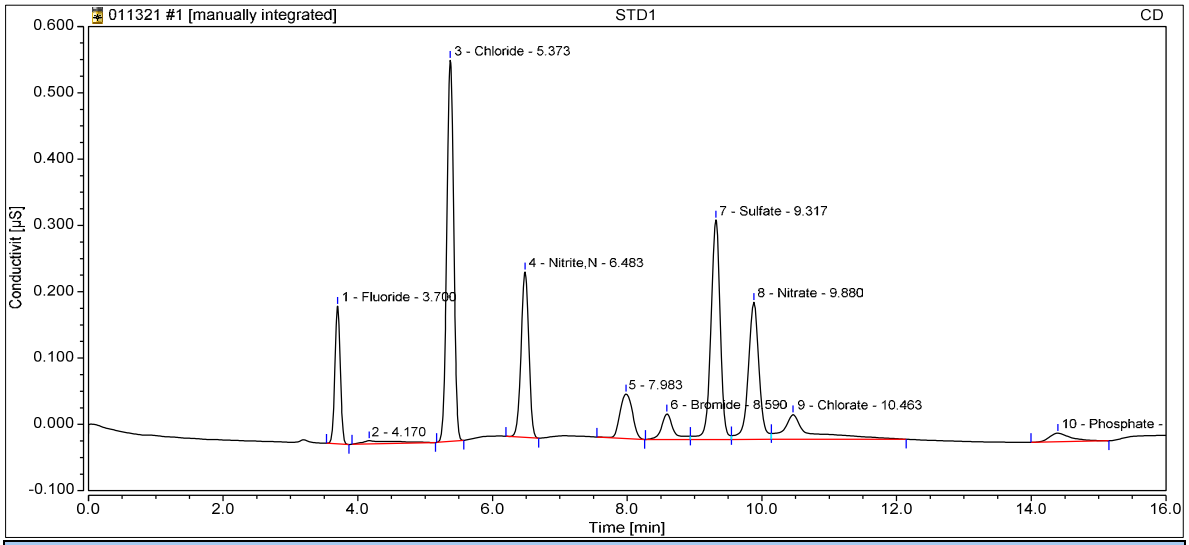
Calibration

Peak No.	Peak Name	Cal.Type	Eval.Type	Number of Points	Rel.Std.Dev. %	Coeff.of Determination	C0 (Offset)	C1 (Slope)	C2 (Curve)
1	*Fluoride*	*Lin, WithOffset, 1/*	*Area*	*6*	*14.8670*	*0.99909*	*-0.0168*	*0.3120*	*0.0000*
2	Chloride	Lin, WithOffset, 1/	Area	6	4.0466	0.99993	-0.0413	0.2139	0.0000
3	Nitrite,N	Lin, WithOffset, 1/	Area	6	32.6008	0.99398	0.0072	0.4304	0.0000
5	Bromide	Lin, WithOffset, 1/	Area	6	18.1106	0.99842	-0.0017	0.0815	0.0000
6	Sulfate	Lin, WithOffset, 1/	Area	6	6.2085	0.99983	-0.0300	0.1561	0.0000
7	Nitrate	Lin, WithOffset, 1/	Area	6	5.0172	0.99988	-0.0160	0.5372	0.0000
8	Chlorate	Lin, WithOffset, 1/	Area	6	20.3296	0.99642	0.0117	0.0933	0.0000
11	Phosphate	Lin, WithOffset, 1/	Area	6	59.1323	0.99061	-0.0237	0.1864	0.0000
Maximum					**59.1323**	0.99993			
Minimum					4.0466	**0.99061**			

1 STD1

Sample Name:	**STD1**	*Injection Volume:*	**5.00**
Vial Number:	**BE1**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 10:09**	*Sample Weight:*	**1.0000**

Run Time:



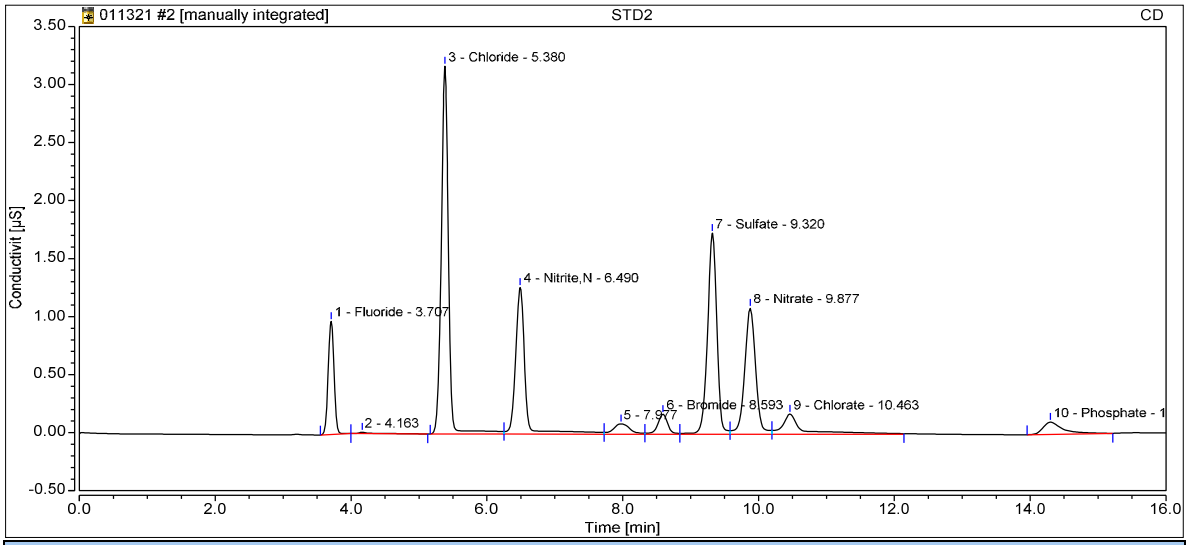
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.70	Fluoride	BMB*	0.019	0.1152	0.1152	1.0000
3	5.37	Chloride	BMB	0.068	0.5111	0.5111	1.0000
4	6.48	Nitrite,N	BMB	0.033	0.0600	0.0600	1.0000
6	8.59	Bromide	BM	0.008	0.1157	0.1157	1.0000
7	9.32	Sulfate	M	0.053	0.5325	0.5325	1.0000
8	9.88	Nitrate	M	0.038	0.1011	0.1011	1.0000
9	10.46	Chlorate	MB	0.017	0.0550	0.0550	1.0000
10	14.39	Phosphate	BMB	0.005	0.1539	0.1539	1.0000
Total:			**0.000**	**0.241**		**1.64**	

2 STD2

Sample Name:	**STD2**	*Injection Volume:*	**5.00**
Vial Number:	**BE2**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 10:27**	*Sample Weight:*	**1.0000**

Run Time:



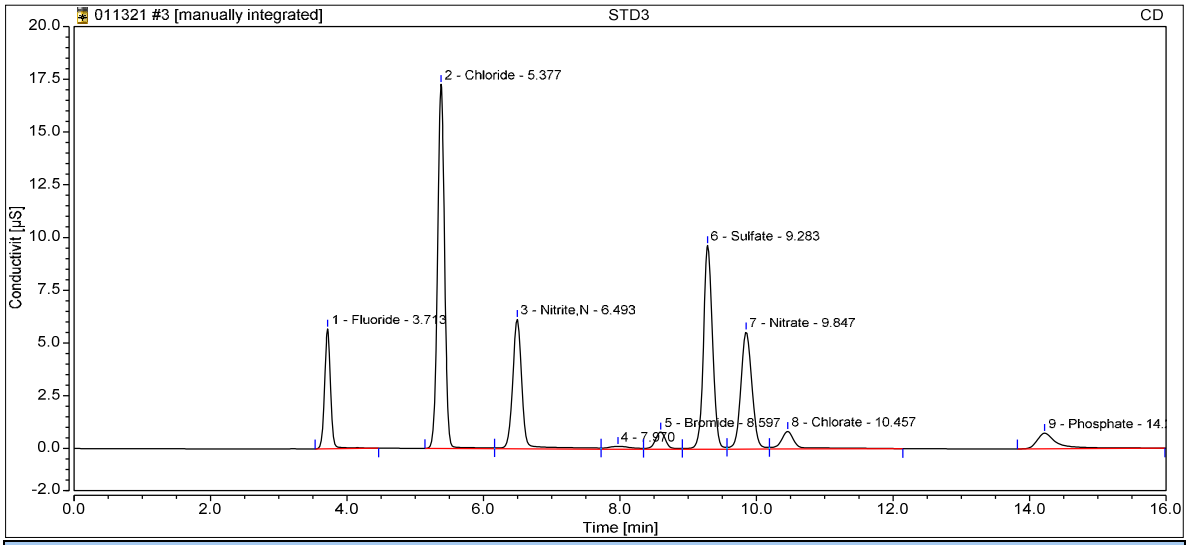
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMb*	0.097	0.3640	0.3640	1.0000
3	5.38	Chloride	BM *	0.390	2.0158	2.0158	1.0000
4	6.49	Nitrite,N	M *	0.207	0.4633	0.4633	1.0000
6	8.59	Bromide	M *	0.030	0.3908	0.3908	1.0000
7	9.32	Sulfate	M *	0.275	1.9562	1.9562	1.0000
8	9.88	Nitrate	M *	0.204	0.4096	0.4096	1.0000
9	10.46	Chlorate	M *	0.062	0.5391	0.5391	1.0000
10	14.30	Phosphate	BMB	0.036	0.3192	0.3192	1.0000
Total:			**0.000**	**1.300**		**6.46**	

3 STD3

Sample Name:	**STD3**	*Injection Volume:*	**5.00**
Vial Number:	**BE3**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 10:45**	*Sample Weight:*	**1.0000**

Run Time:



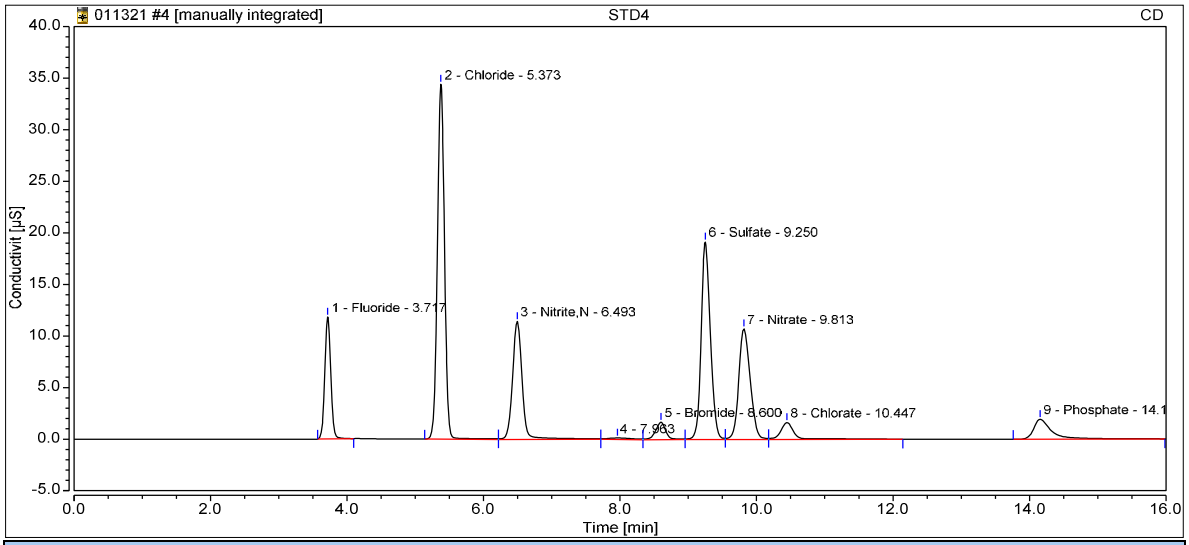
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMB*	0.569	1.8774	1.8774	1.0000
2	5.38	Chloride	BM *	2.060	9.8259	9.8259	1.0000
3	6.49	Nitrite,N	M *	0.999	2.3042	2.3042	1.0000
5	8.60	Bromide	M *	0.149	1.8520	1.8520	1.0000
6	9.28	Sulfate	M *	1.491	9.7446	9.7446	1.0000
7	9.85	Nitrate	M *	1.041	1.9683	1.9683	1.0000
8	10.46	Chlorate	MB*	0.212	2.1462	2.1462	1.0000
9	14.22	Phosphate	BMB	0.260	1.5229	1.5229	1.0000
Total:			**0.000**	**6.782**		**31.24**	

4 STD4

Sample Name:	**STD4**	*Injection Volume:*	**5.00**
Vial Number:	**BE4**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 11:03**	*Sample Weight:*	**1.0000**

Run Time:



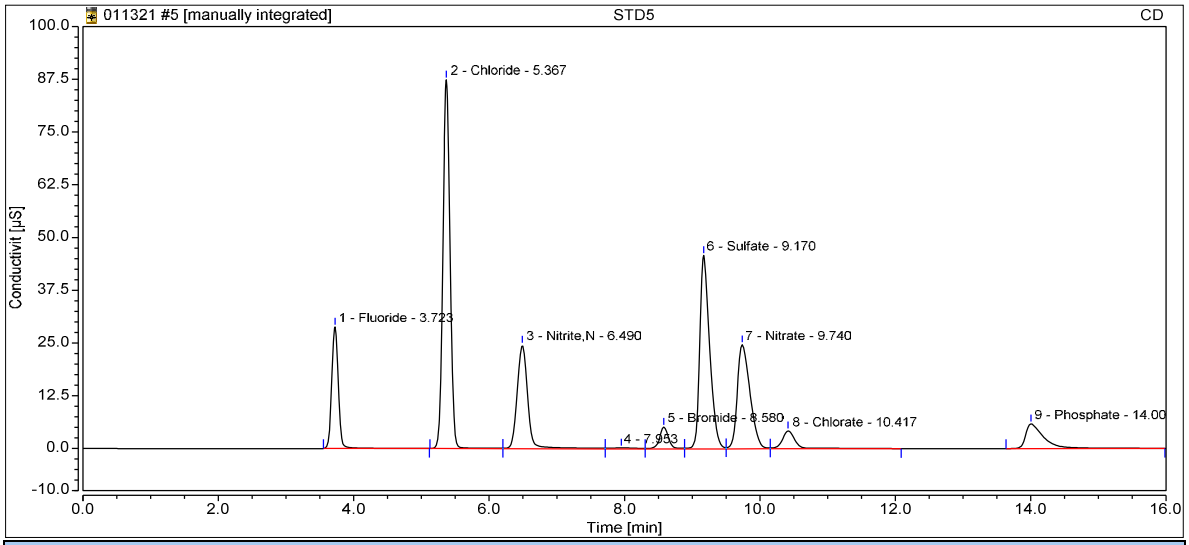
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	1.190	3.8683	3.8683	1.0000
2	5.37	Chloride	BM *	4.159	19.6370	19.6370	1.0000
3	6.49	Nitrite,N	M *	1.911	4.4234	4.4234	1.0000
5	8.60	Bromide	M *	0.297	3.6601	3.6601	1.0000
6	9.25	Sulfate	M *	3.009	19.4699	19.4699	1.0000
7	9.81	Nitrate	M *	2.080	3.9010	3.9010	1.0000
8	10.45	Chlorate	MB*	0.395	4.1143	4.1143	1.0000
9	14.16	Phosphate	BMB	0.611	3.4036	3.4036	1.0000
Total:			**0.000**	**13.651**		**62.48**	

5 STD5

Sample Name:	**STD5**	*Injection Volume:*	**5.00**
Vial Number:	**BE5**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 11:21**	*Sample Weight:*	**1.0000**

Run Time:



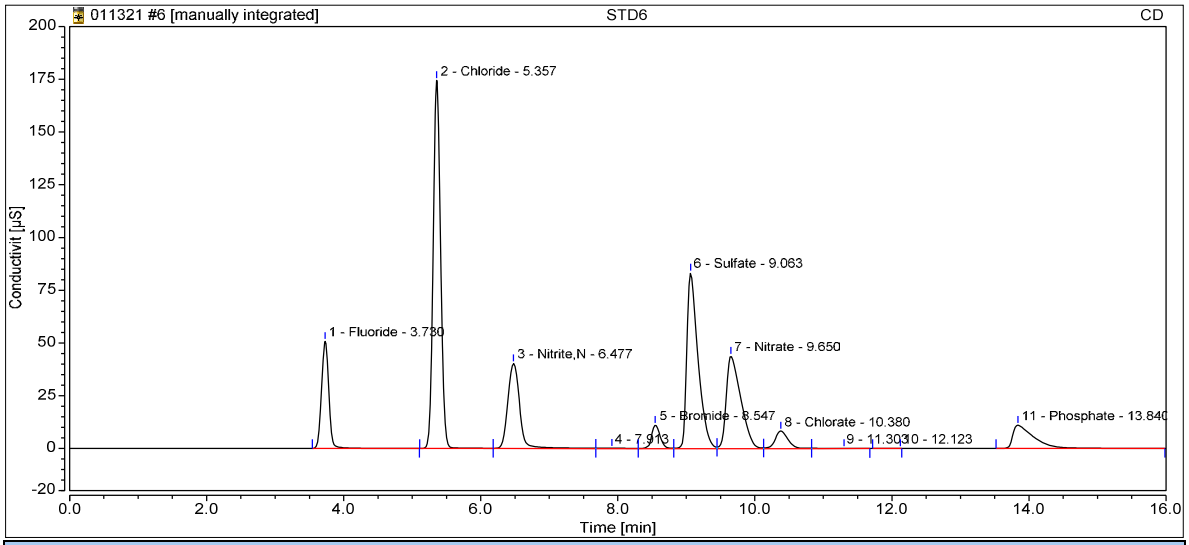
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	3.216	10.3590	10.3590	1.0000
2	5.37	Chloride	BM *	10.661	50.0390	50.0390	1.0000
3	6.49	Nitrite,N	M *	4.495	10.4277	10.4277	1.0000
5	8.58	Bromide	M *	0.814	10.0122	10.0122	1.0000
6	9.17	Sulfate	M *	7.787	50.0866	50.0866	1.0000
7	9.74	Nitrate	M *	5.356	9.9989	9.9989	1.0000
8	10.42	Chlorate	MB*	0.978	10.3629	10.3629	1.0000
9	14.01	Phosphate	BMB	1.822	9.9044	9.9044	1.0000
Total:			**0.000**	**35.129**		**161.19**	

6 STD6

Sample Name:	**STD6**	*Injection Volume:*	**5.00**
Vial Number:	**BE6**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 11:40**	*Sample Weight:*	**1.0000**

Run Time:



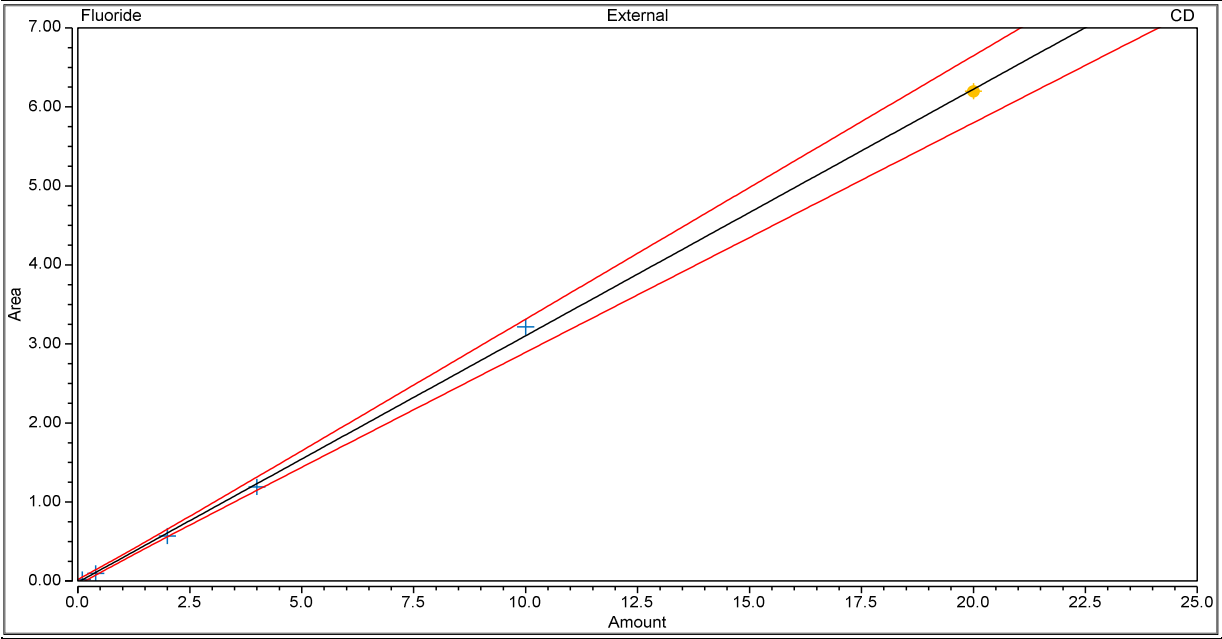
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.73	Fluoride	BMB	6.198	19.9160	19.9160	1.0000
2	5.36	Chloride	BMb*	21.448	100.4712	100.4712	1.0000
3	6.48	Nitrite,N	bM *	8.107	18.8214	18.8214	1.0000
5	8.55	Bromide	M *	1.666	20.4692	20.4692	1.0000
6	9.06	Sulfate	M *	15.688	100.7100	100.7100	1.0000
7	9.65	Nitrate	M *	10.794	20.1211	20.1211	1.0000
8	10.38	Chlorate	M *	1.810	19.2825	19.2825	1.0000
11	13.84	Phosphate	BMB	3.927	21.1960	21.1960	1.0000
Total:			**0.000**	**69.637**		**320.99**	

Calibration

Calibration Details	Fluoride		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	-0.0168
Evaluation Type	Area	*Slope (C1)*	0.3120
Number of Calibration Points	6	*Curve (C2)*	0.0000
Number of disabled Calibration Points	0	*R-Square*	0.9991

Calibration Plot **Fluoride**



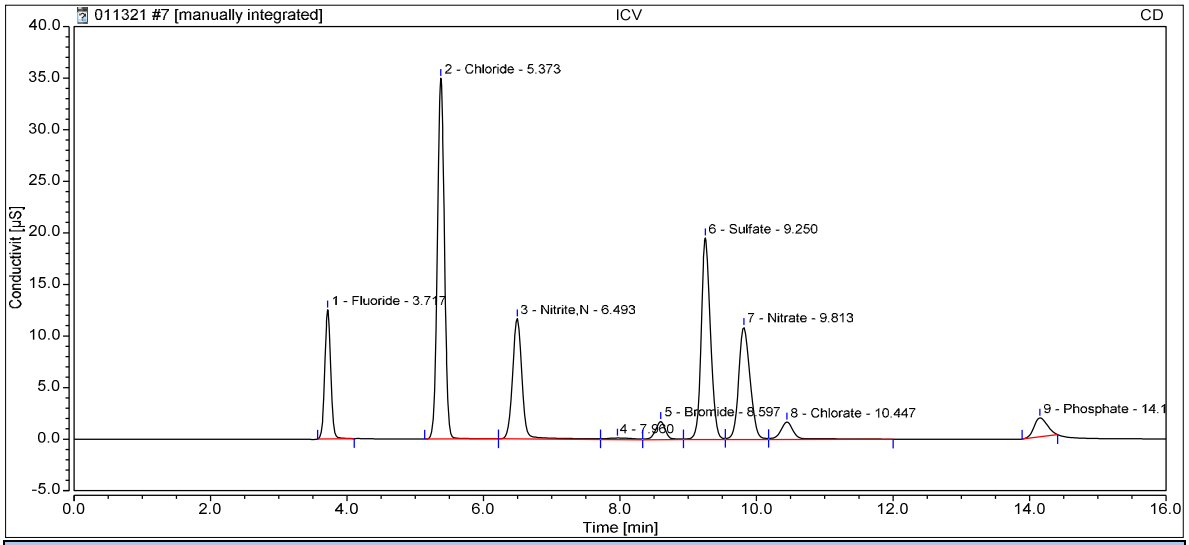
Calibration Results **Fluoride**

No.	Injection Name	Calibration Level	X Value CD Fluoride	Y Value CD Fluoride	Y Value CD Fluoride	Area µS*min CD Fluoride	Height µS CD Fluoride
1	STD1	1	0.1000	0.0192	0.0192	0.019	0.208
2	STD2	2	0.4000	0.0968	0.0968	0.097	0.973
3	STD3	3	2.0000	0.5690	0.5690	0.569	5.675
4	STD4	4	4.0000	1.1903	1.1903	1.190	11.819
5	STD5	5	10.0000	3.2156	3.2156	3.216	28.778
6	STD6	6	20.0000	6.1978	6.1978	6.198	50.799

7 ICV

Sample Name:	**ICV**	*Injection Volume:*	**5.00**
Vial Number:	**BE7**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 11:58**	*Sample Weight:*	**1.0000**

Run Time:



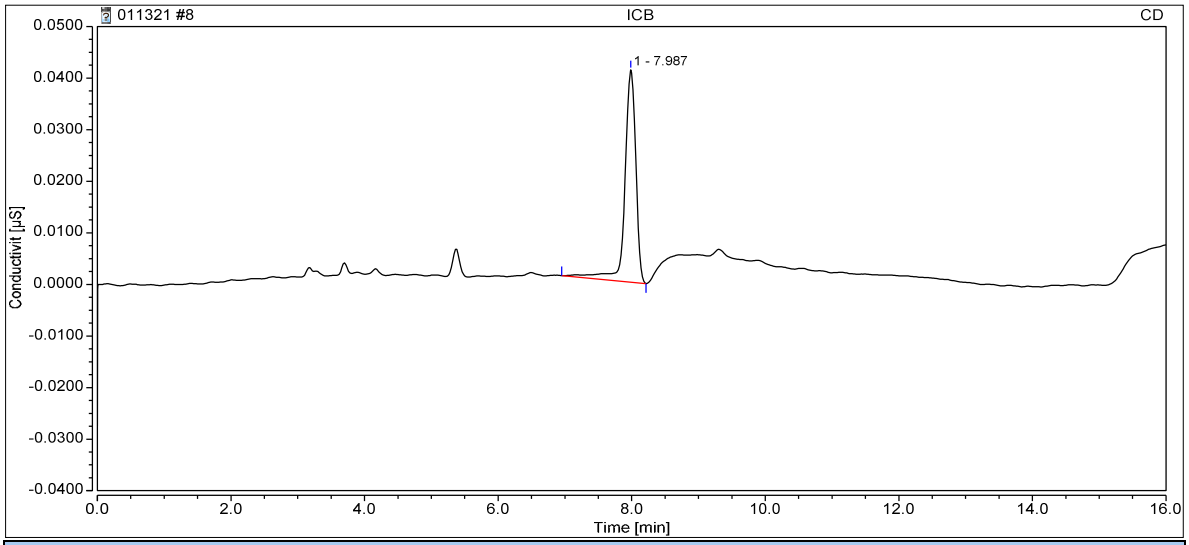
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	1.254	4.0740	4.0740	1.0000
2	5.37	Chloride	BMb*	4.186	19.7660	19.7660	1.0000
3	6.49	Nitrite,N	bM *	1.900	4.3980	4.3980	1.0000
5	8.60	Bromide	M *	0.307	3.7932	3.7932	1.0000
6	9.25	Sulfate	M *	3.081	19.9367	19.9367	1.0000
7	9.81	Nitrate	M *	2.103	3.9449	3.9449	1.0000
8	10.45	Chlorate	MB*	0.394	4.0992	4.0992	1.0000
9	14.15	Phosphate	BMB	0.411	2.3300	2.3300	1.0000
Total:			**0.000**	**13.637**		**62.34**	

8 ICB

Sample Name:	**ICB**	*Injection Volume:*	**5.00**
Vial Number:	**BE8**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 12:37**	*Sample Weight:*	**1.0000**

Run Time:



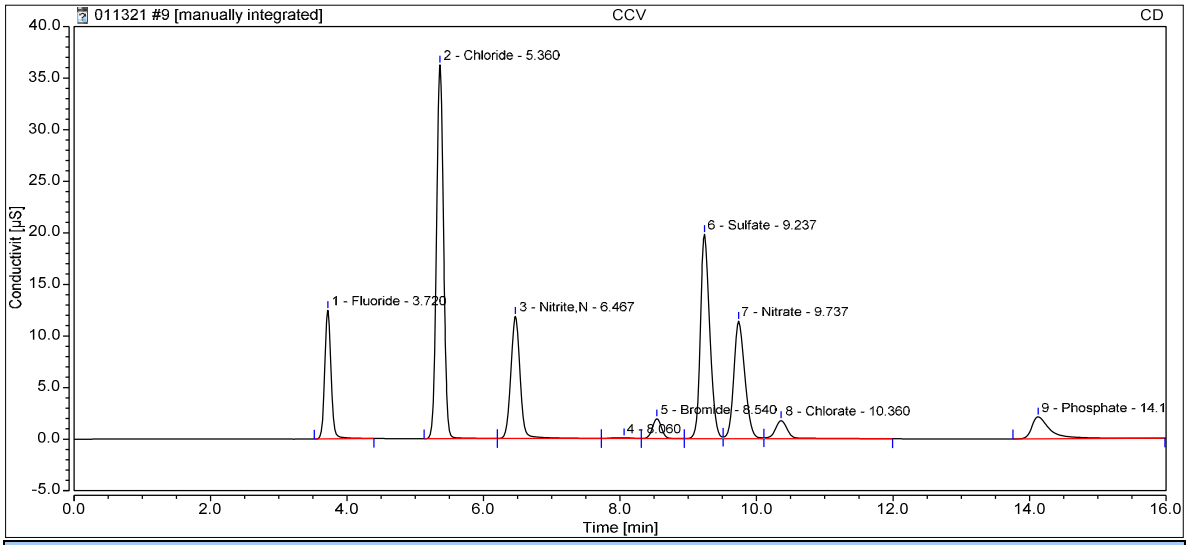
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.000**		**0.00**	

9 CCV

Sample Name:	**CCV**	*Injection Volume:*	**5.00**
Vial Number:	**R1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 16:35**	*Sample Weight:*	**1.0000**

Run Time:



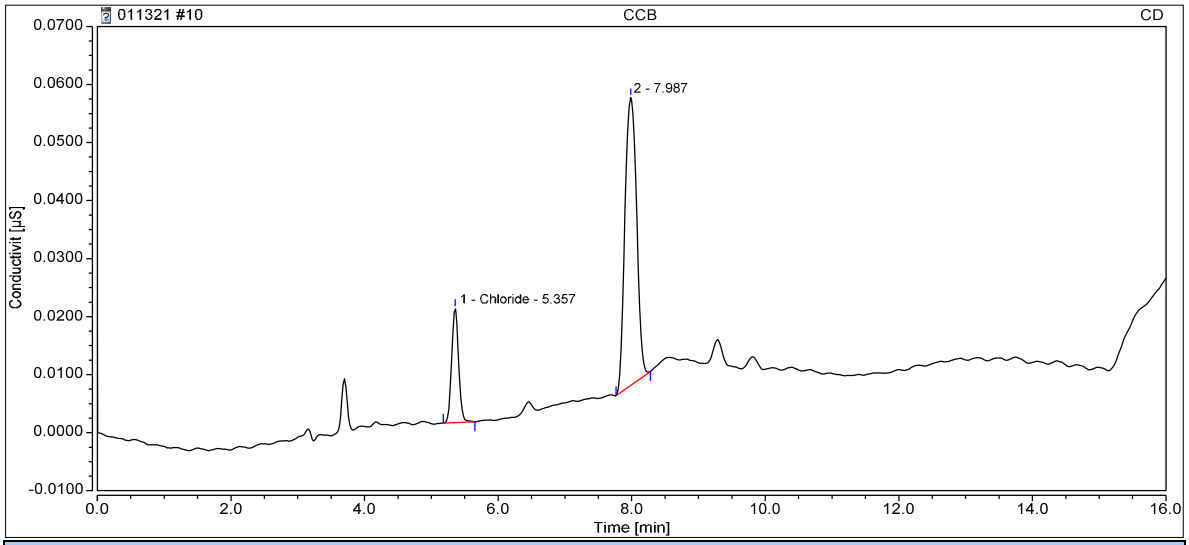
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB*	1.336	4.3351	4.3351	1.0000
2	5.36	Chloride	BMB	4.313	20.3572	20.3572	1.0000
3	6.47	Nitrite,N	BMB	1.888	4.3701	4.3701	1.0000
5	8.54	Bromide	BM	0.297	3.6621	3.6621	1.0000
6	9.24	Sulfate	M	3.155	20.4069	20.4069	1.0000
7	9.74	Nitrate	M	2.148	4.0289	4.0289	1.0000
8	10.36	Chlorate	MB	0.387	4.0237	4.0237	1.0000
9	14.13	Phosphate	BMB	0.677	3.7587	3.7587	1.0000
Total:			**0.000**	**14.200**		**64.94**	

10 CCB

Sample Name:	**CCB**	*Injection Volume:*	**5.00**
Vial Number:	**B1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 16:56**	*Sample Weight:*	**1.0000**

Run Time:



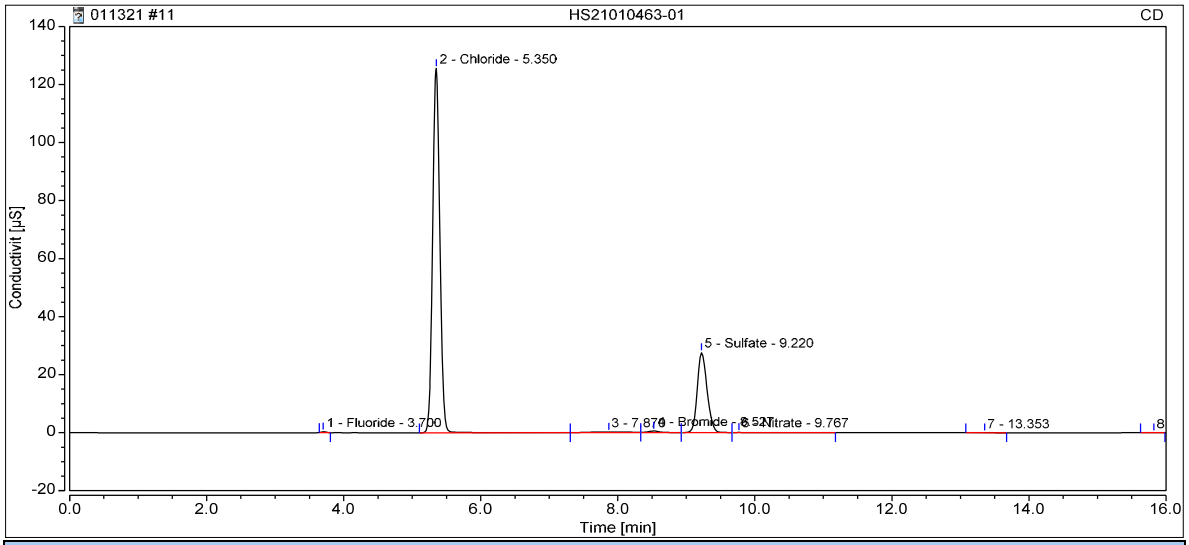
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
1	5.36	Chloride	BMB	0.002	0.2044	0.2044	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.002**		**0.20**	

11 HS21010463-01

Sample Name:	**HS21010463-01**	*Injection Volume:*	**5.00**
Vial Number:	**RA1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 17:14**	*Sample Weight:*	**1.0000**

Run Time:



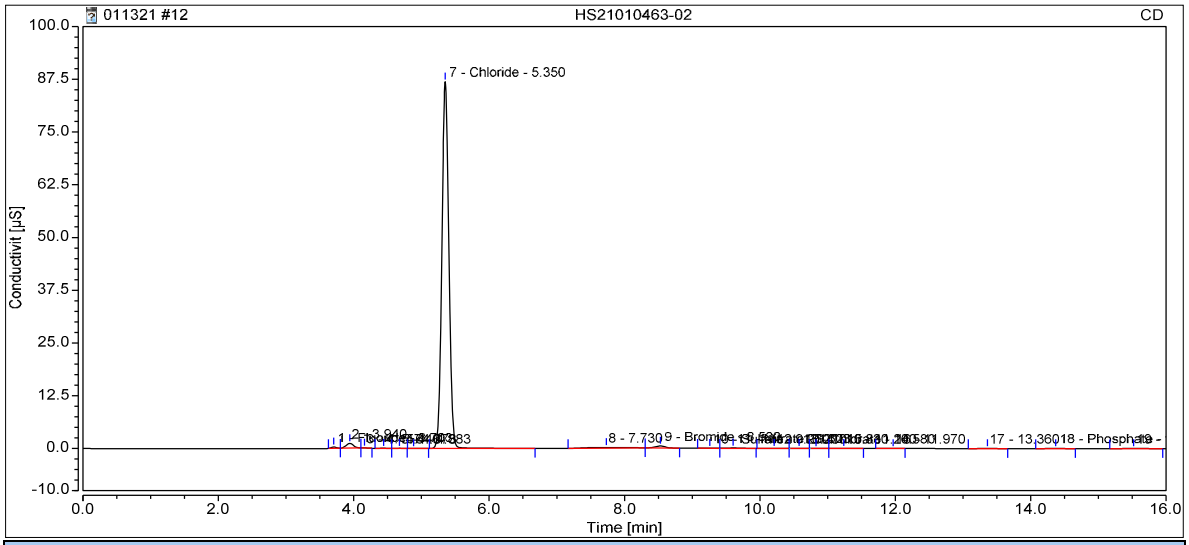
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.70	Fluoride	BMB	0.021	0.1222	0.1222	1.0000
2	5.35	Chloride	BMB	15.139	70.9755	70.9755	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
4	8.53	Bromide	M	0.133	1.6543	1.6543	1.0000
5	9.22	Sulfate	M	4.607	29.7143	29.7143	1.0000
6	9.77	Nitrate	MB	0.039	0.1025	0.1025	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**19.940**		**102.57**	

12 HS21010463-02

Sample Name:	**HS21010463-02**	*Injection Volume:*	**5.00**
Vial Number:	**RA2**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 17:32**	*Sample Weight:*	**1.0000**

Run Time:



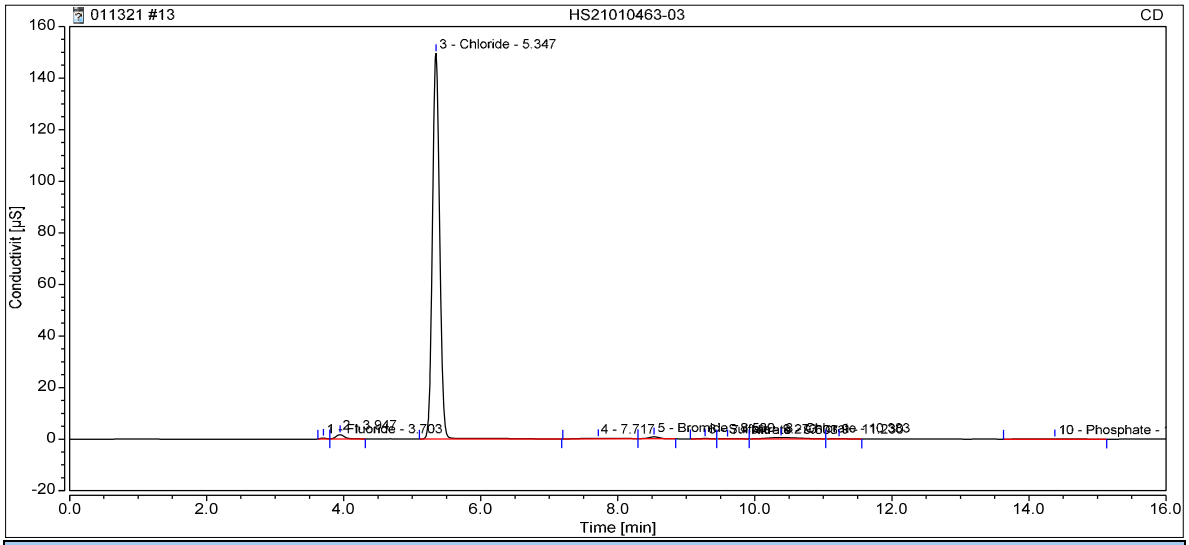
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.70	Fluoride	BMB	0.028	0.1421	0.1421	1.0000
7	5.35	Chloride	BMB	10.431	48.9646	48.9646	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
9	8.53	Bromide	BMB	0.077	0.9676	0.9676	1.0000
10	9.26	Sulfate	BM	0.003	0.2135	0.2135	1.0000
11	9.60	Nitrate	MB	0.019	0.0648	0.0648	1.0000
13	10.58	Chlorate	M	0.007	n.a.	n.a.	1.0000
18	14.37	Phosphate	BMB	0.005	0.1559	0.1559	1.0000
Total:			**0.000**	**10.570**		**50.51**	

13 HS21010463-03

Sample Name:	**HS21010463-03**	*Injection Volume:*	**5.00**
Vial Number:	**RA3**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 17:50**	*Sample Weight:*	**1.0000**

Run Time:



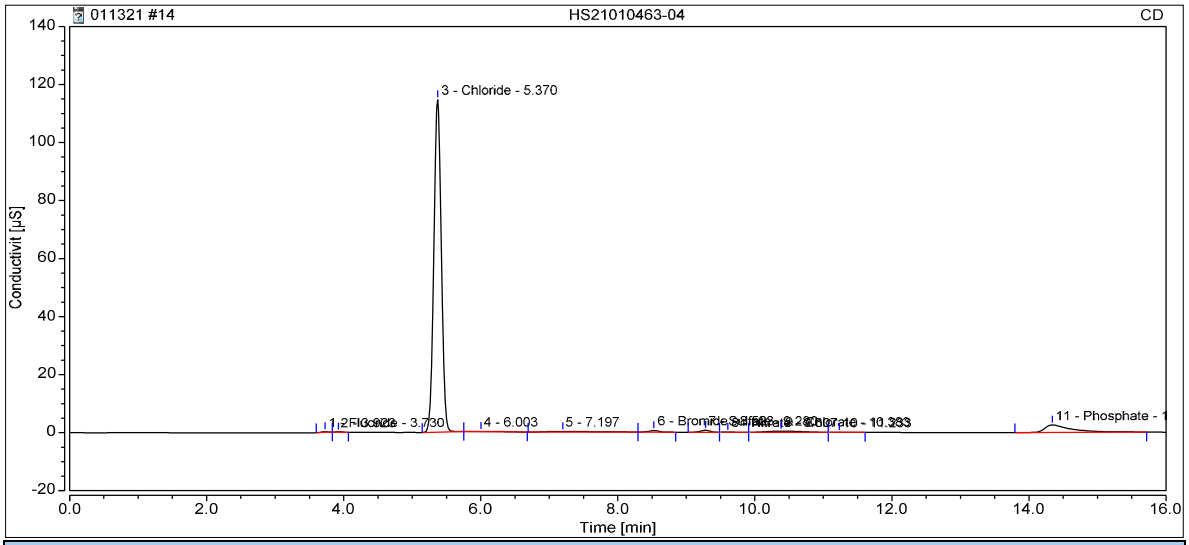
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.70	Fluoride	BMB	0.029	0.1451	0.1451	1.0000
3	5.35	Chloride	BMB	18.254	85.5383	85.5383	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
5	8.53	Bromide	BMB	0.127	1.5783	1.5783	1.0000
6	9.27	Sulfate	BM	0.027	0.3685	0.3685	1.0000
7	9.60	Nitrate	M	0.025	0.0761	0.0761	1.0000
8	10.38	Chlorate	M	0.312	3.2181	3.2181	1.0000
10	14.38	Phosphate	BMB	0.055	0.4205	0.4205	1.0000
Total:			**0.000**	**18.828**		**91.34**	

14 HS21010463-04

Sample Name:	**HS21010463-04**	*Injection Volume:*	**5.00**
Vial Number:	**RA4**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 18:08**	*Sample Weight:*	**1.0000**

Run Time:



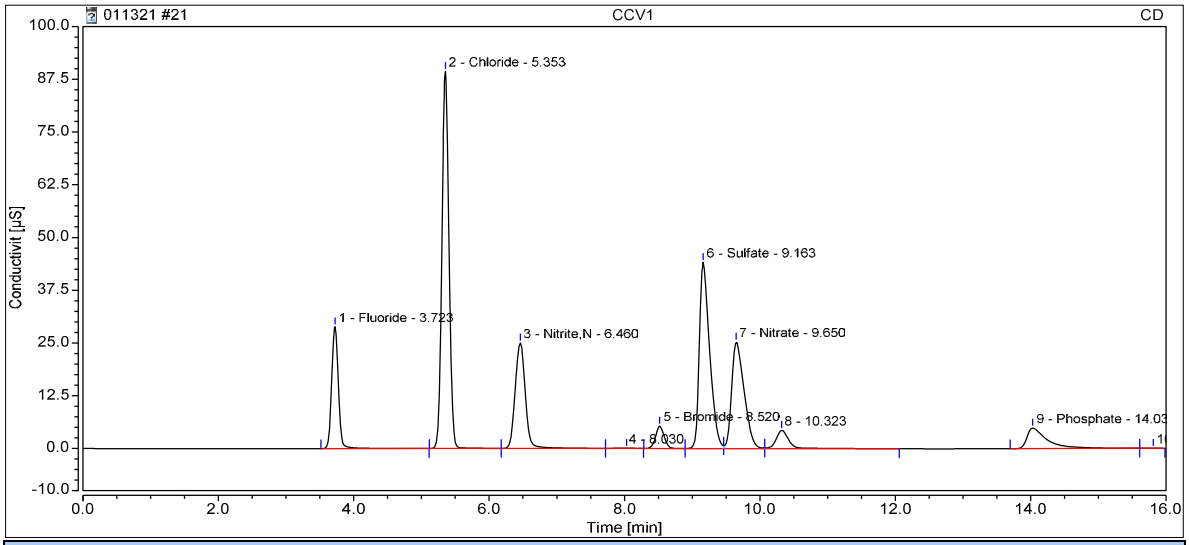
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.73	Fluoride	BMB	0.025	0.1344	0.1344	1.0000
3	5.37	Chloride	BMB	14.225	66.7019	66.7019	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
6	8.52	Bromide	BMB	0.088	1.0982	1.0982	1.0000
7	9.28	Sulfate	BM	0.113	0.9169	0.9169	1.0000
8	9.61	Nitrate	M	0.016	0.0593	0.0593	1.0000
9	10.38	Chlorate	M	0.254	2.5992	2.5992	1.0000
11	14.34	Phosphate	BMB	1.157	6.3346	6.3346	1.0000
Total:			**0.000**	**15.878**		**77.84**	

21 CCV1

Sample Name:	**CCV1**	*Injection Volume:*	**5.00**
Vial Number:	**R3**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 20:15**	*Sample Weight:*	**1.0000**

Run Time:



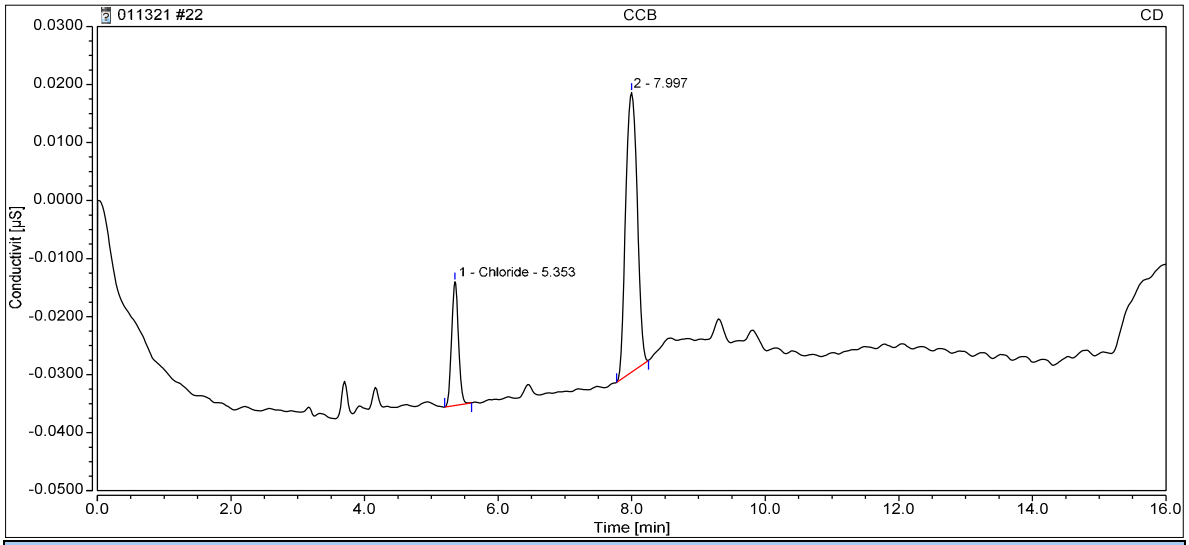
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	3.302	10.6350	10.6350	1.0000
2	5.35	Chloride	BMB	10.770	50.5469	50.5469	1.0000
3	6.46	Nitrite,N	BMB	4.341	10.0706	10.0706	1.0000
5	8.52	Bromide	BM	0.791	9.7321	9.7321	1.0000
6	9.16	Sulfate	M	7.786	50.0841	50.0841	1.0000
7	9.65	Nitrate	M	5.389	10.0603	10.0603	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
9	14.03	Phosphate	BMB	1.709	9.2980	9.2980	1.0000
Total:			**0.000**	**34.089**		**150.43**	

22 CCB

Sample Name:	**CCB**	*Injection Volume:*	**5.00**
Vial Number:	**B7**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 20:51**	*Sample Weight:*	**1.0000**

Run Time:



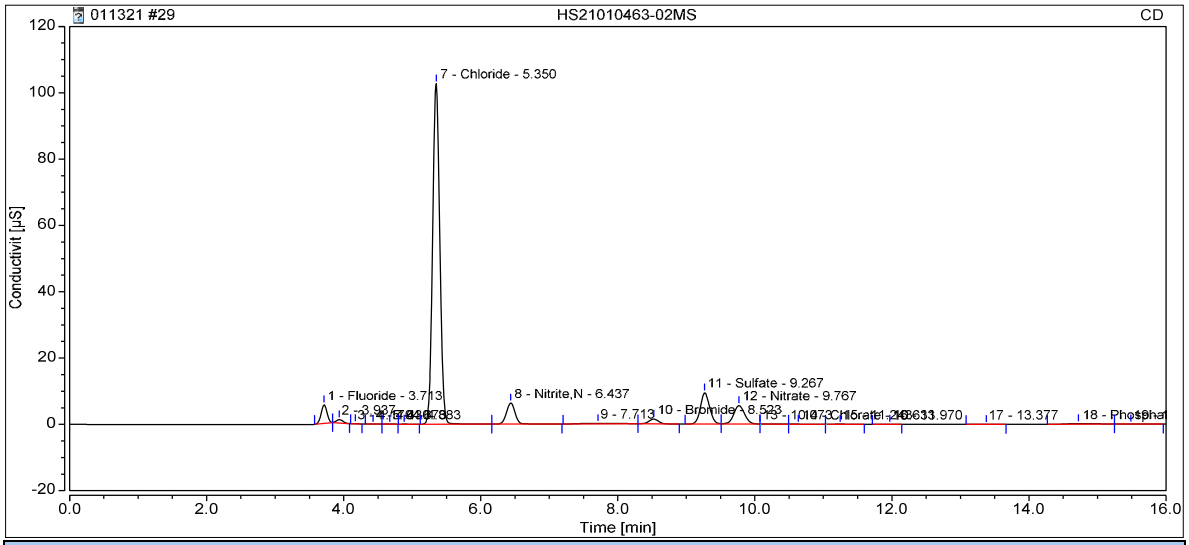
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
1	5.35	Chloride	BMB	0.003	0.2051	0.2051	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.003**		**0.21**	

29 HS21010463-02MS

Sample Name:	**HS21010463-02MS**	*Injection Volume:*	**5.00**
Vial Number:	**RC1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 22:58**	*Sample Weight:*	**1.0000**

Run Time:



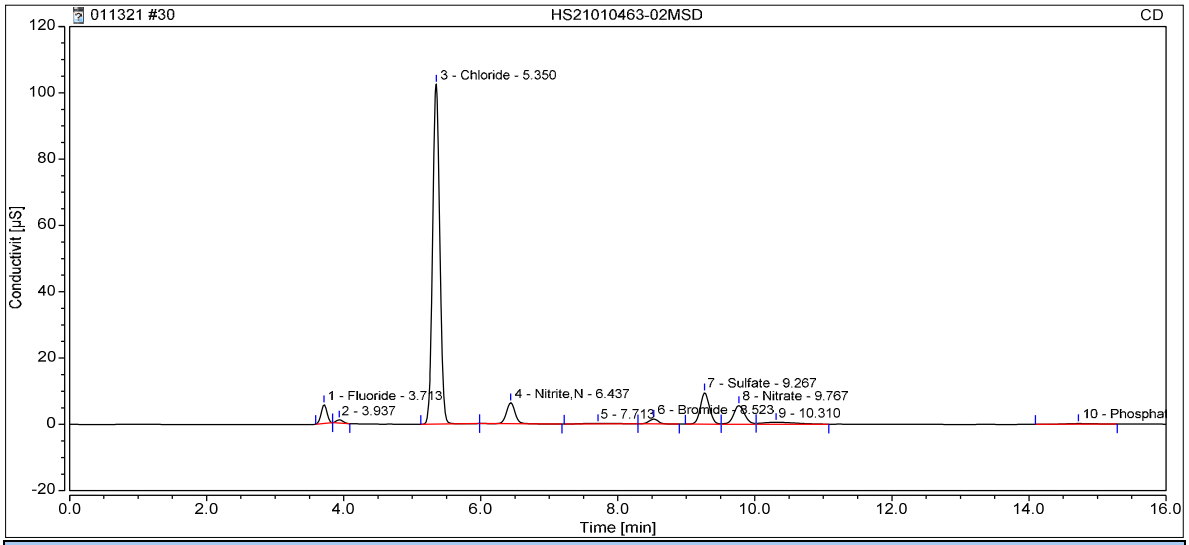
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMB	0.550	1.8178	1.8178	1.0000
7	5.35	Chloride	BMB	12.293	57.6686	57.6686	1.0000
8	6.44	Nitrite,N	BMB	0.924	2.1294	2.1294	1.0000
10	8.52	Bromide	BMB	0.227	2.8056	2.8056	1.0000
11	9.27	Sulfate	BM	1.484	9.7026	9.7026	1.0000
12	9.77	Nitrate	M	1.031	1.9493	1.9493	1.0000
14	10.63	Chlorate	M	0.005	n.a.	n.a.	1.0000
18	14.72	Phosphate	BMB	0.070	0.5047	0.5047	1.0000
Total:			**0.000**	**16.585**		**76.58**	

30 HS21010463-02MSD

Sample Name:	**HS21010463-02MSD**	*Injection Volume:*	**5.00**
Vial Number:	**RC2**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/13/2021 23:16**	*Sample Weight:*	**1.0000**

Run Time:



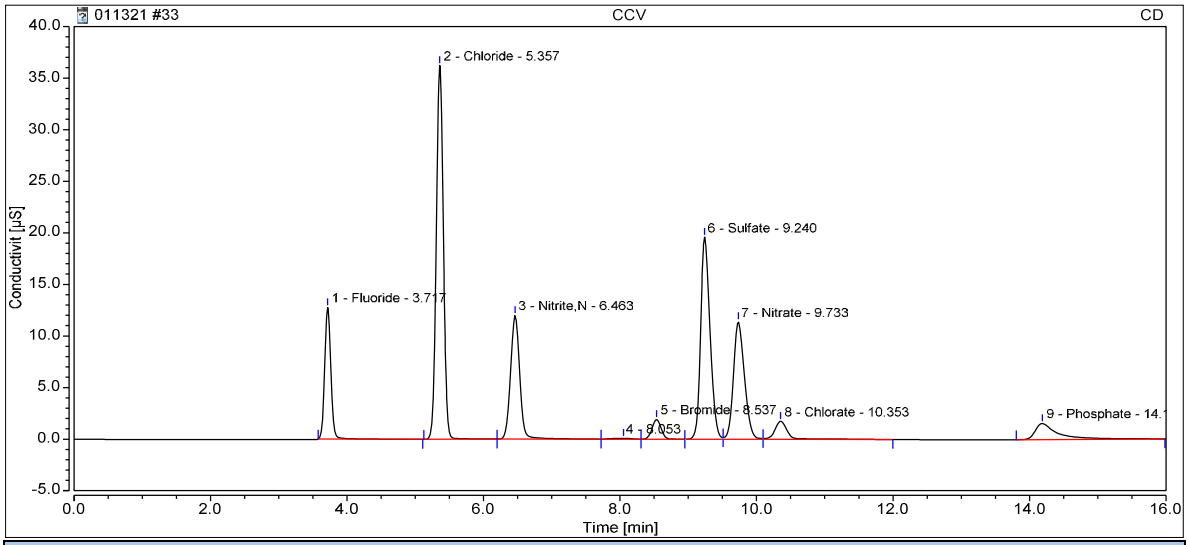
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMB	0.558	1.8416	1.8416	1.0000
3	5.35	Chloride	BMB	12.246	57.4471	57.4471	1.0000
4	6.44	Nitrite,N	BMB	0.931	2.1462	2.1462	1.0000
6	8.52	Bromide	BMB	0.228	2.8207	2.8207	1.0000
7	9.27	Sulfate	BM	1.481	9.6812	9.6812	1.0000
8	9.77	Nitrate	M	1.037	1.9606	1.9606	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
10	14.72	Phosphate	BMB	0.081	0.5608	0.5608	1.0000
Total:			**0.000**	**16.562**		**76.46**	

33 CCV

Sample Name:	**CCV**	*Injection Volume:*	**5.00**
Vial Number:	**R1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/14/2021 00:11**	*Sample Weight:*	**1.0000**

Run Time:



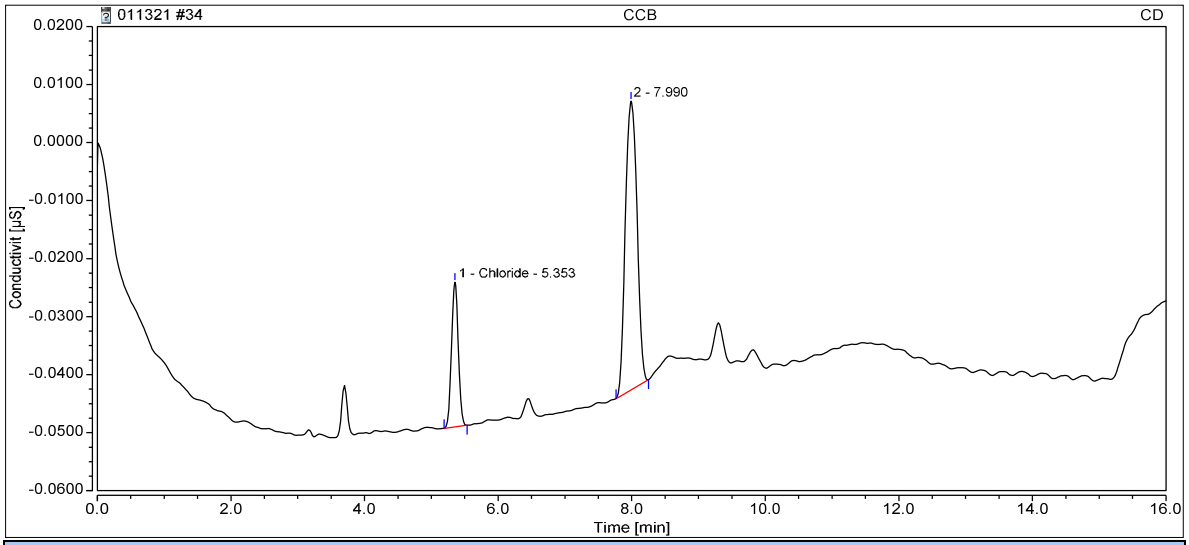
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	1.334	4.3281	4.3281	1.0000
2	5.36	Chloride	BMB	4.316	20.3740	20.3740	1.0000
3	6.46	Nitrite,N	BMB	1.897	4.3912	4.3912	1.0000
5	8.54	Bromide	M	0.295	3.6433	3.6433	1.0000
6	9.24	Sulfate	M	3.129	20.2434	20.2434	1.0000
7	9.73	Nitrate	M	2.143	4.0189	4.0189	1.0000
8	10.35	Chlorate	MB	0.397	4.1270	4.1270	1.0000
9	14.19	Phosphate	BMB	0.617	3.4373	3.4373	1.0000
Total:			**0.000**	**14.128**		**64.56**	

34 CCB

Sample Name:	**CCB**	*Injection Volume:*	**5.00**
Vial Number:	**B1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/14/2021 00:29**	*Sample Weight:*	**1.0000**

Run Time:



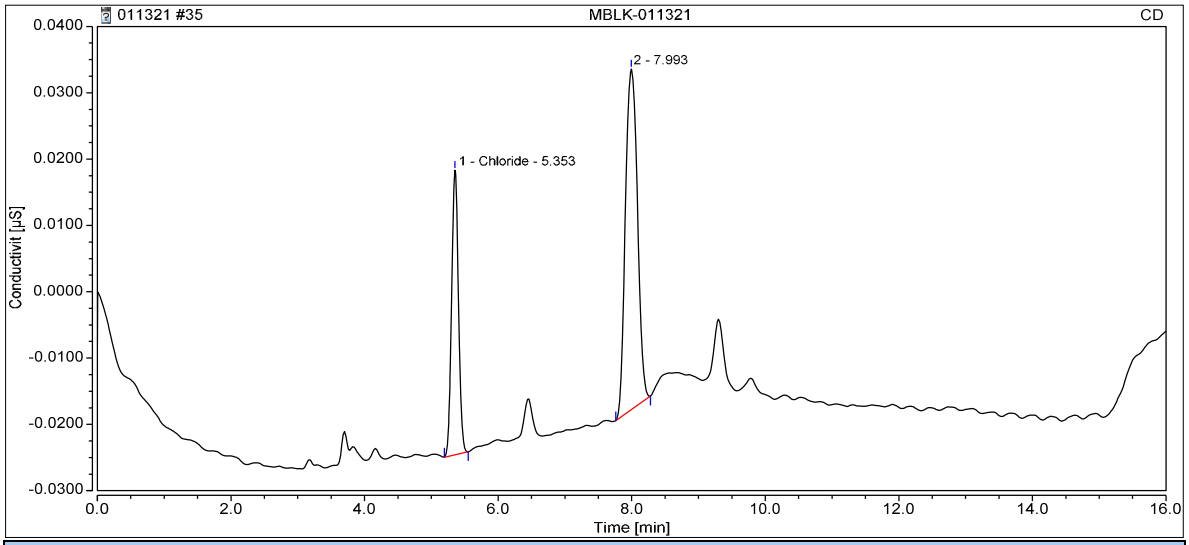
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
1	5.35	Chloride	BMB	0.003	0.2069	0.2069	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.003**		**0.21**	

35 MBLK-011321

Sample Name:	**MBLK-011321**	*Injection Volume:*	**5.00**
Vial Number:	**B2**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/14/2021 01:05**	*Sample Weight:*	**1.0000**

Run Time:



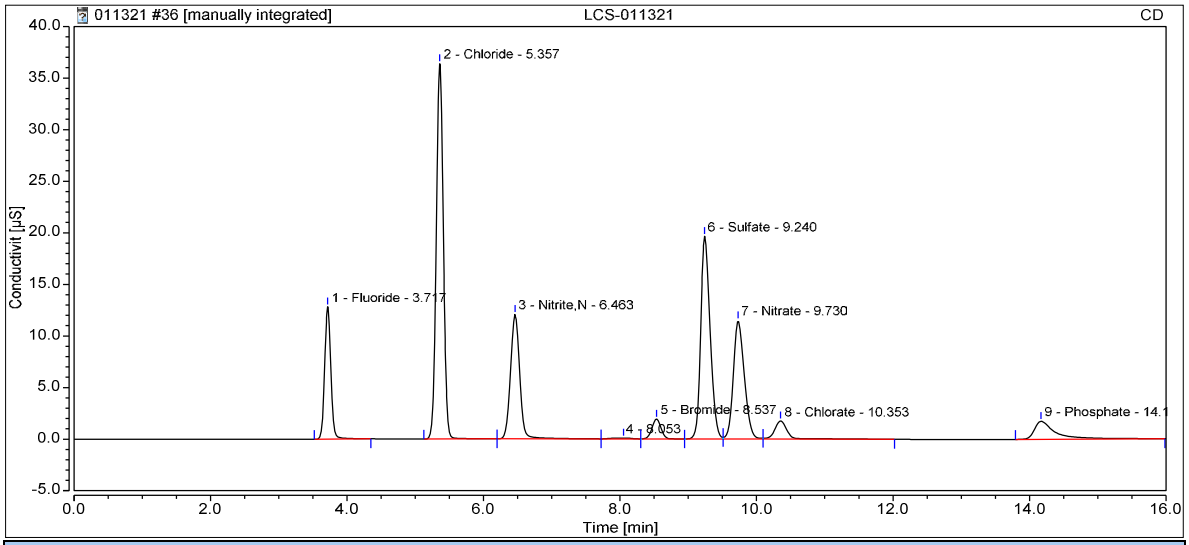
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
1	5.35	Chloride	BMB	0.005	0.2169	0.2169	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.005**		**0.22**	

36 LCS-011321

Sample Name:	**LCS-011321**	*Injection Volume:*	**5.00**
Vial Number:	**R2**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/14/2021 01:23**	*Sample Weight:*	**1.0000**

Run Time:



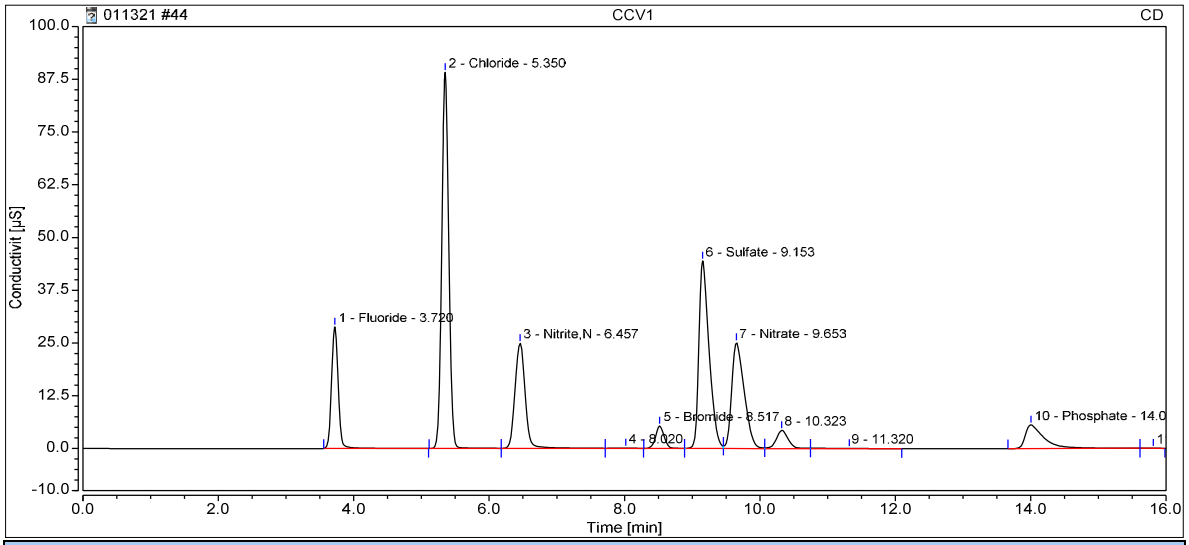
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB*	1.350	4.3786	4.3786	1.0000
2	5.36	Chloride	BMB	4.325	20.4162	20.4162	1.0000
3	6.46	Nitrite,N	BMB	1.910	4.4208	4.4208	1.0000
5	8.54	Bromide	M	0.298	3.6729	3.6729	1.0000
6	9.24	Sulfate	M	3.143	20.3340	20.3340	1.0000
7	9.73	Nitrate	M	2.153	4.0382	4.0382	1.0000
8	10.35	Chlorate	MB	0.389	4.0503	4.0503	1.0000
9	14.17	Phosphate	BMB	0.639	3.5548	3.5548	1.0000
Total:			**0.000**	**14.207**		**64.87**	

44 CCV1

Sample Name:	**CCV1**	*Injection Volume:*	**5.00**
Vial Number:	**R3**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/14/2021 03:48**	*Sample Weight:*	**1.0000**

Run Time:



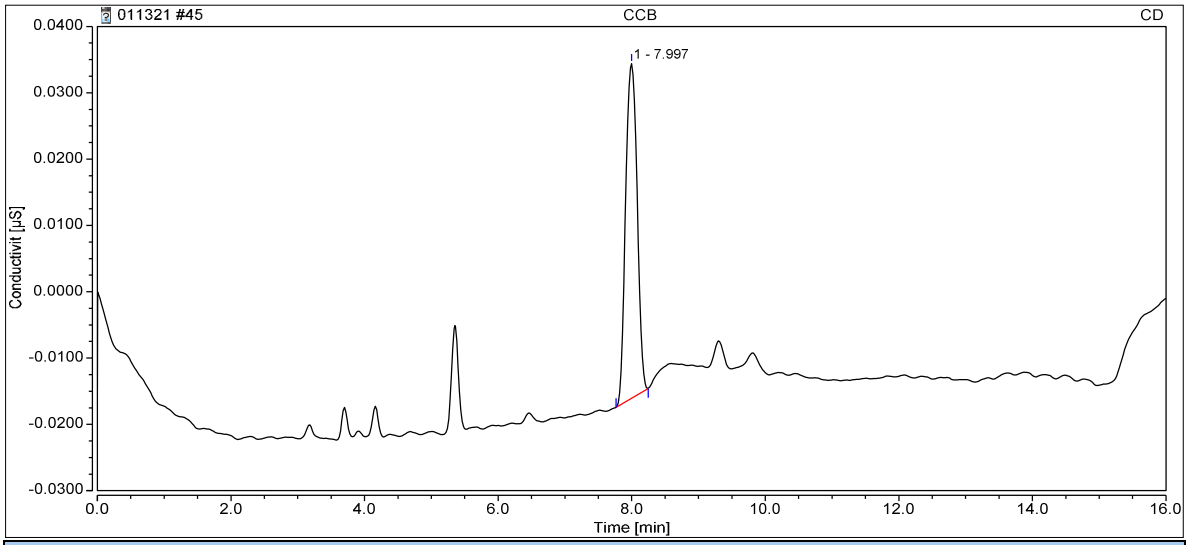
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	3.254	10.4808	10.4808	1.0000
2	5.35	Chloride	BMB	10.723	50.3261	50.3261	1.0000
3	6.46	Nitrite,N	BMB	4.329	10.0412	10.0412	1.0000
5	8.52	Bromide	BM	0.785	9.6550	9.6550	1.0000
6	9.15	Sulfate	M	7.763	49.9363	49.9363	1.0000
7	9.65	Nitrate	M	5.365	10.0156	10.0156	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
10	14.00	Phosphate	BMB	1.807	9.8247	9.8247	1.0000
Total:			**0.000**	**34.025**		**150.28**	

45 CCB

Sample Name:	**CCB**	*Injection Volume:*	**5.00**
Vial Number:	**B7**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/14/2021 04:24**	*Sample Weight:*	**1.0000**

Run Time:



Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.000**		**0.00**	

HS21010463 Wet Chem Raw Data (ALK_W 2320B)

ALS WO# HS21010463

Report Date: 01/14/2021 : 3:44

PC-TitratION PLUS
Calibration Report

Calibration Record # 2321

Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	01/14/2021
Channel	1	Time	3:44 PM
Probe Type	pH	Temperature	295.37 K 22.22 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit

Calibration Results

Slope	-58.287	CorrCoeff	0.9999
Intercept	5.653	Equation: Y = (-58.287) X + (5.653)	

Calibration Validity True Operator

	Result	Minimum	Maximum
Slope	-58.287	-65.00	-53.00
Intercept	5.653	-100.00	100.00
Correlation Coefficient	0.9999	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	Standard	Reading
	4.00	181.88
	7.00	2.92
	10.00	-167.84

#376365 (A)

#376366 (B)

Page: 1 of 1
PC-TitratION PLUS by Man-Tech Associates, Inc.

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Report Date: 1/14/2021 : 11:29 PM

PC-TitratION PLUS
Water Analysis Report

Run Number 3994 **Order Number** 20210114-2

SampleID	RunDate	RunTime	Temp	cond (uS)	pH	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	mLs @ 8.3	mLs @ 4.5	mLs @ 4.2
ICV-PH	1/14/2021	4:11 PM	23.06	-1.00	6.03	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
TAP WATER	1/14/2021	4:18 PM	23.01	-1.00	7.88	.00	331.04	331.04	.00	.00	.00	3.15	3.15
WBLKW1-210114	1/14/2021	4:23 PM	23.23	-1.00	5.76	.00	.46	.46	.00	.00	.00	.02	.02
LCS1-210114	1/14/2021	4:32 PM	23.25	-1.00	10.94	521.90	1,016.65	.00	989.51	27.14	4.97	9.68	9.68
LCSD1-210114	1/14/2021	4:40 PM	23.39	-1.00	10.93	520.25	1,013.69	.00	986.89	26.80	4.95	9.65	9.65
HS21010545-02	1/14/2021	4:47 PM	23.17	-1.00	8.06	.00	124.18	124.18	.00	.00	.00	1.18	1.18
HS21010545-02DUP	1/14/2021	4:53 PM	22.98	-1.00	8.07	.00	121.20	121.20	.00	.00	.00	1.15	1.15
HS21010545-03	1/14/2021	4:59 PM	22.93	-1.00	7.93	.00	119.74	119.74	.00	.00	.00	1.14	1.14
HS21010549-01	1/14/2021	5:06 PM	22.48	-1.00	7.92	.00	315.41	315.41	.00	.00	.00	3.00	3.00
HS21010381-01	1/14/2021	5:13 PM	22.51	-1.00	9.50	140.80	328.64	47.03	281.60	.00	1.34	3.13	3.13
HS21010381-03	1/14/2021	5:20 PM	22.90	-1.00	8.00	.00	192.73	192.73	.00	.00	.00	1.84	1.84
CCV-PH	1/14/2021	5:23 PM	23.11	-1.00	7.06	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/14/2021	5:31 PM	22.95	-1.00	10.90	517.69	1,016.48	.00	997.57	18.91	4.93	9.68	9.68
DI RINSE	1/14/2021	5:36 PM	23.12	-1.00	5.84	.00	.32	.32	.00	.00	.00	.02	.02
HS21010416-01	1/14/2021	5:41 PM	23.09	-1.00	5.53	.00	-.30	-.30	.00	.00	.00	.02	.02
HS21010386-01	1/14/2021	5:48 PM	23.07	-1.00	7.38	.00	408.82	408.82	.00	.00	.00	3.89	3.89
HS21010386-02	1/14/2021	5:55 PM	23.14	-1.00	7.95	.00	373.25	373.25	.00	.00	.00	3.55	3.55
HS21010386-03	1/14/2021	6:02 PM	23.17	-1.00	7.34	.00	679.98	679.98	.00	.00	.00	6.48	6.48
HS21010386-04	1/14/2021	6:09 PM	23.20	-1.00	7.88	.00	362.24	362.24	.00	.00	.00	3.45	3.45
HS21010386-05	1/14/2021	6:16 PM	23.27	-1.00	7.94	.00	320.49	320.49	.00	.00	.00	3.05	3.05
HS21010386-06	1/14/2021	6:23 PM	23.36	-1.00	7.48	.00	599.60	599.60	.00	.00	.00	5.71	5.71
HS21010386-07	1/14/2021	6:29 PM	22.95	-1.00	6.63	.00	2.95	2.95	.00	.00	.00	.05	.05
HS21010386-09	1/14/2021	6:36 PM	22.46	-1.00	7.49	.00	467.25	467.25	.00	.00	.00	4.45	4.45
CCV-PH	1/14/2021	6:39 PM	22.37	-1.00	7.07	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/14/2021	6:47 PM	22.28	-1.00	10.88	517.19	1,015.24	.00	996.11	19.13	4.93	9.67	9.67
DI RINSE	1/14/2021	6:52 PM	22.64	-1.00	5.74	.00	.32	.32	.00	.00	.00	.02	.02
HS21010443-01	1/14/2021	6:58 PM	22.67	-1.00	7.26	.00	282.98	282.98	.00	.00	.00	2.70	2.70

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Run Number 3994 **Order Number** 20210114-2

SampleID	RunDate	RunTime	Temp	cond (uS)	pH	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	mLs @ 8.3	mLs @ 4.5	mLs @ 4.2
HS21010443-02	1/14/2021	7:05 PM	22.72	-1.00	7.39	.00	304.78	304.78	.00	.00	.00	2.90	2.90
HS21010443-03	1/14/2021	7:11 PM	22.93	-1.00	7.31	.00	322.42	322.42	.00	.00	.00	3.07	3.07
HS21010442-01	1/14/2021	7:18 PM	22.89	-1.00	8.27	.00	198.96	198.96	.00	.00	.00	1.89	1.89
HS21010442-02	1/14/2021	7:25 PM	22.90	-1.00	7.50	.00	504.43	504.43	.00	.00	.00	4.80	4.80
HS21010442-03	1/14/2021	7:33 PM	22.90	-1.00	7.75	.00	596.06	596.06	.00	.00	.00	5.68	5.68
LCS2-210114	1/14/2021	7:41 PM	22.81	-1.00	10.89	513.63	1,016.71	.00	1,006.15	10.55	4.89	9.68	9.68
LCSD2-210114	1/14/2021	7:51 PM	22.77	-1.00	10.88	514.65	1,018.25	.00	1,007.21	11.05	4.90	9.70	9.70
CCV-PH	1/14/2021	7:53 PM	22.86	-1.00	7.08	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/14/2021	8:02 PM	22.67	-1.00	10.86	511.45	1,015.81	.00	1,008.74	7.08	4.87	9.67	9.67
DI RINSE	1/14/2021	8:07 PM	22.92	-1.00	5.84	.00	.23	.23	.00	.00	.00	.02	.02
WBLKW2-210114	1/14/2021	8:12 PM	22.89	-1.00	5.49	.00	-.02	-.02	.00	.00	.00	.02	.02
HS21010386-10	1/14/2021	8:18 PM	22.80	-1.00	7.95	.00	421.69	421.69	.00	.00	.00	4.02	4.02
HS21010386-10DUP	1/14/2021	8:25 PM	22.83	-1.00	7.96	.00	423.31	423.31	.00	.00	.00	4.03	4.03
HS21010442-04	1/14/2021	8:33 PM	22.81	-1.00	7.59	.00	638.54	638.54	.00	.00	.00	6.08	6.08
HS21010442-05	1/14/2021	8:40 PM	22.77	-1.00	7.76	.00	709.98	709.98	.00	.00	.00	6.76	6.76
HS21010442-06	1/14/2021	8:47 PM	22.67	-1.00	7.45	.00	45.51	45.51	.00	.00	.00	.43	.43
HS21010442-07	1/14/2021	8:54 PM	22.66	-1.00	7.68	.00	564.87	564.87	.00	.00	.00	5.38	5.38
HS21010442-08	1/14/2021	9:01 PM	22.67	-1.00	7.72	.00	572.18	572.18	.00	.00	.00	5.45	5.45
HS21010442-10	1/14/2021	9:08 PM	22.89	-1.00	7.64	.00	480.74	480.74	.00	.00	.00	4.58	4.58
CCV-PH	1/14/2021	9:11 PM	22.78	-1.00	7.08	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/14/2021	9:19 PM	22.54	-1.00	10.81	507.82	1,018.70	3.06	1,015.64	.00	4.84	9.70	9.70
DI RINSE	1/14/2021	9:25 PM	22.66	-1.00	5.71	.00	.26	.26	.00	.00	.00	.02	.02
HS21010442-11	1/14/2021	9:31 PM	22.55	-1.00	7.67	.00	477.12	477.12	.00	.00	.00	4.54	4.54
HS21010442-12	1/14/2021	9:38 PM	22.57	-1.00	7.90	.00	345.26	345.26	.00	.00	.00	3.29	3.29
HS21010442-13	1/14/2021	9:44 PM	22.61	-1.00	6.72	.00	2.76	2.76	.00	.00	.00	.04	.04
HS21010391-01	1/14/2021	9:51 PM	22.55	-1.00	7.71	.00	632.00	632.00	.00	.00	.00	6.02	6.02
HS21010391-02	1/14/2021	9:59 PM	22.63	-1.00	7.73	.00	629.60	629.60	.00	.00	.00	6.00	6.00
HS21010391-03	1/14/2021	10:06 PM	22.72	-1.00	7.87	.00	391.60	391.60	.00	.00	.00	3.73	3.73
HS21010391-04	1/14/2021	10:13 PM	22.63	-1.00	7.95	.00	323.83	323.83	.00	.00	.00	3.08	3.08
HS21010391-05	1/14/2021	10:20 PM	22.58	-1.00	7.89	.00	428.17	428.17	.00	.00	.00	4.08	4.08

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GENERAL RESULTS REPORT.SRW

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Run Number 3994 **Order Number** 20210114-2

SampleID	RunDate	RunTime	Temp	cond (uS)	pH	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	mLs @ 8.3	mLs @ 4.5	mLs @ 4.2
CCV-PH	1/14/2021	10:23 PM	22.45	-1.00	7.07	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/14/2021	10:32 PM	22.31	-1.00	10.80	506.27	1,017.04	4.50	1,012.54	.00	4.82	9.69	9.69
DI RINSE	1/14/2021	10:37 PM	22.49	-1.00	5.70	.00	.45	.45	.00	.00	.00	.02	.02
HS21010463-01	1/14/2021	10:44 PM	22.40	-1.00	7.88	.00	339.02	339.02	.00	.00	.00	3.23	3.23
HS21010463-02	1/14/2021	10:51 PM	22.43	-1.00	7.78	.00	574.67	574.67	.00	.00	.00	5.47	5.47
HS21010463-03	1/14/2021	10:58 PM	22.57	-1.00	7.80	.00	546.44	546.44	.00	.00	.00	5.20	5.20
HS21010463-04	1/14/2021	11:11 PM	22.57	-1.00	7.85	.00	2,103.36	2,103.36	.00	.00	.00	20.03	20.03
CCV-PH	1/14/2021	11:14 PM	22.57	-1.00	7.07	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/14/2021	11:22 PM	22.37	-1.00	10.77	500.41	1,018.47	17.66	1,000.81	.00	4.77	9.70	9.70
DI RINSE	1/14/2021	11:27 PM	22.48	-1.00	5.73	.00	.51	.51	.00	.00	.00	.02	.02

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GENERAL RESULTS REPORT.SRW
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Batch ID Exception Report

Batch ID: R376365
QC Group: 0

Sample ID	Seq No	Sample Type	Test Code	Analyzed Date	Dilution Factor
	Analyte Type	**Analyte**		**Qualifier**	
HS21010545-02	5919634	SAMP	ALK_W 2320B	14 Jan 2021 4:47 PM	1
	A	**Alkalinity, Total (As CaCO3)**		*	

15 Jan 2021

Batch ID Exception Report

Batch ID: R376366
QC Group: 0

Sample ID	Seq No	Sample Type	Test Code	Analyzed Date	Dilution Factor
	Analyte Type	Analyte	Qualifier		
SAMP	0	SAMP		15 Jan 2021 6:47 AM	1

X No exceptions found

15 Jan 2021

Page 1 of 1

HS21010463 Wet Chem Raw Data (P-ORTHO)

ALS WO# HS21010463

Standard Table Report

02/20/2021 02:00:26 PM

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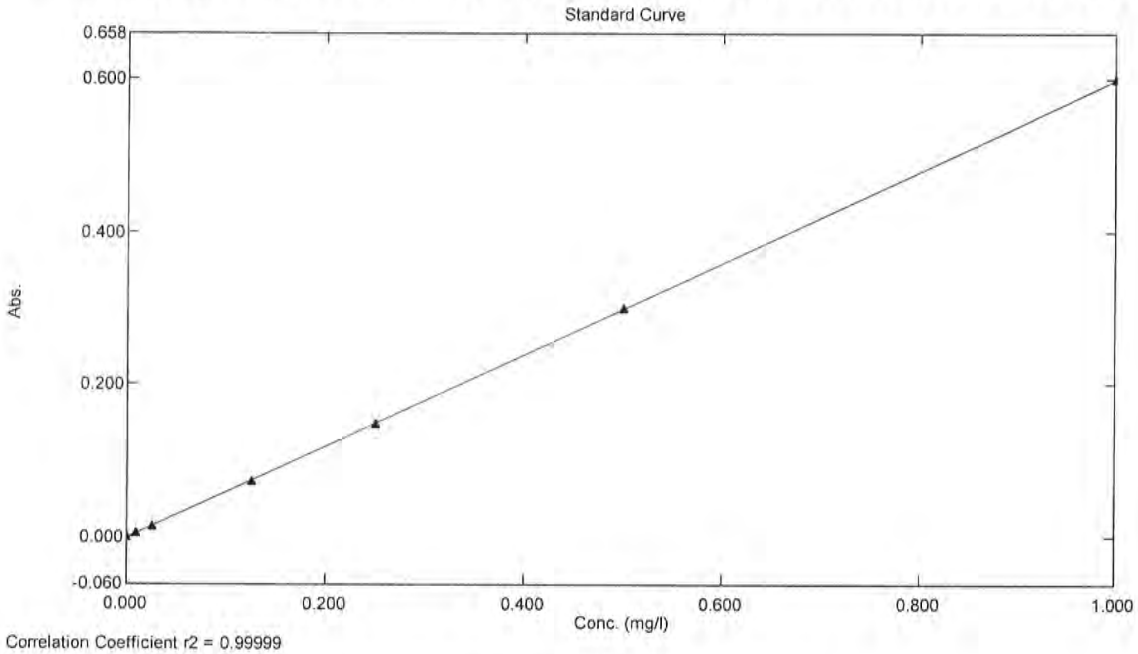

Correlation Coefficient r2 = 0.99999

Standard Table

	Sample ID	Type	Ex	Conc	WL880.0	Wgt.Facto	Comments
1	STD1	Standard		0.000	0.000	1.000	
2	STD2	Standard		0.010	0.007	1.000	
3	STD3	Standard		0.025	0.015	1.000	
4	STD4	Standard		0.125	0.074	1.000	
5	STD5	Standard		0.250	0.148	1.000	
6	STD6	Standard		0.500	0.300	1.000	
7	STD7	Standard		1.000	0.599	1.000	
8							

Page 1 / 1

Sample Table Report

02/20/2021 02:00:31 PM

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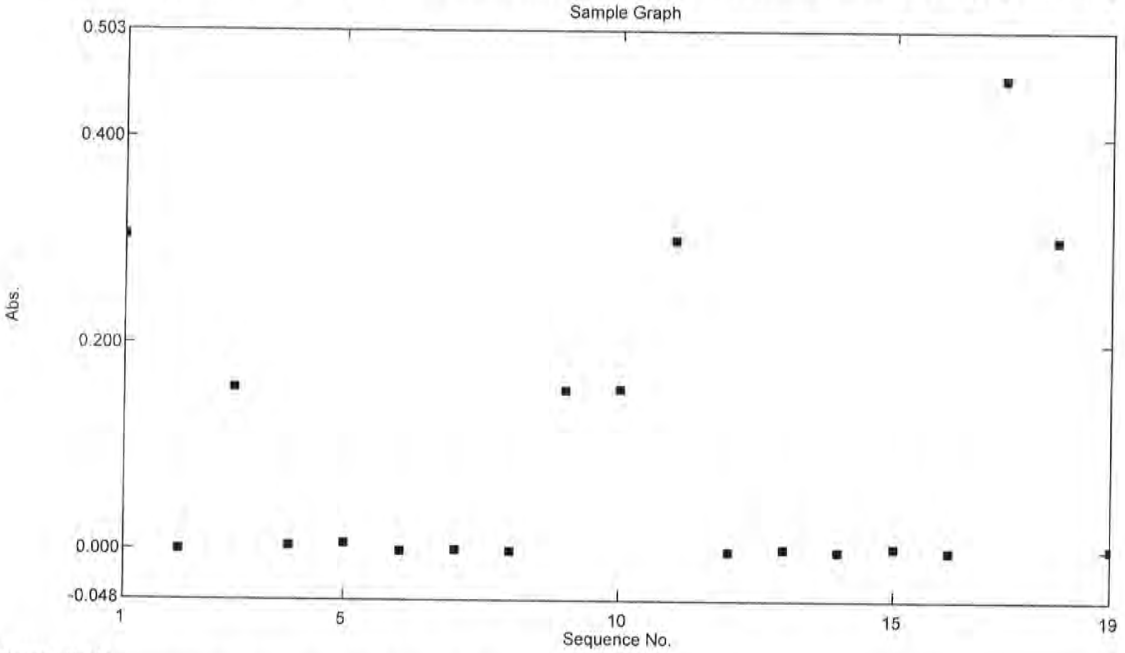


Sample Table

	Sample ID	Type	Ex	Conc	WL880.0	Comments
1	CCV	Unknown		0.510	0.305	315014209 WC-14
2	MBLK	Unknown		-0.000	-0.000	
3	LCS	Unknown		0.264	0.158	315014208 WC-14
4	HS21010391.01	Unknown		0.007	0.004	
5	HS21010391.02	Unknown		0.009	0.005	
6	HS21010391.03	Unknown		-0.002	-0.001	
7	HS21010391.04	Unknown		-0.001	-0.001	
8	HS21010391.05	Unknown		-0.002	-0.001	
9	HS21010391.05MS	Unknown		0.258	0.154	
10	HS21010391.05MS	Unknown		0.261	0.156	
11	CCV2	Unknown		0.502	0.300	C-315014902 UV-11
12	CCB2	Unknown		-0.004	-0.002	
13	CCB	Unknown		0.001	0.001	
14	HS21010463.01	Unknown		-0.002	-0.001	04:00PM
15	HS21010463.02	Unknown		0.004	0.002	04:01PM
16	HS21010463.03	Unknown		-0.003	-0.002	04:01PM
17	HS21010463.04	Unknown		0.765	0.457	DF:5X,04:02PM
18	CCV4	Unknown		0.503	0.301	
19	CCB4	Unknown		0.002	0.001	

HS21010463 ALS Cincinnati DOD Level III Data

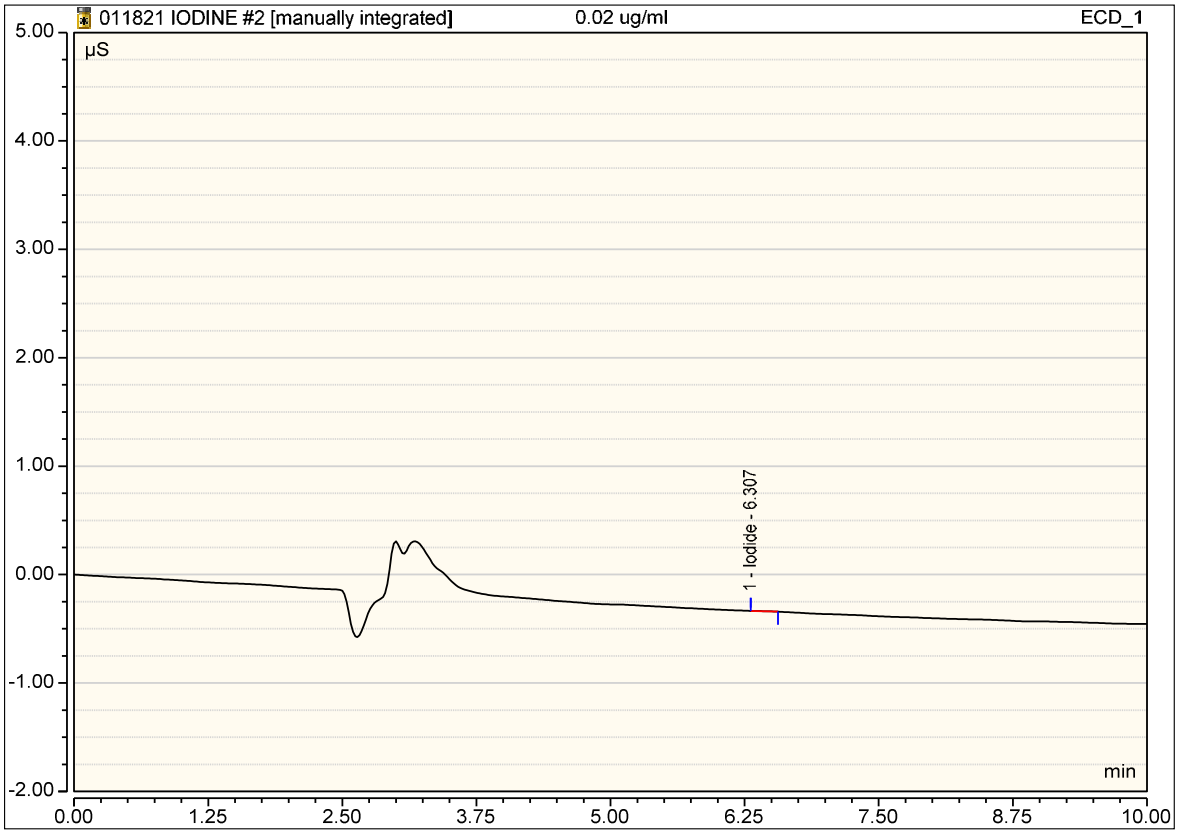
ALS WO# HS21010463

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**0.02 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 15:37**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.31	Iodide	BMB*	0.000	0.000	0.0261
		TOTAL:		0.00	0.00	0.03



Anion/Integration

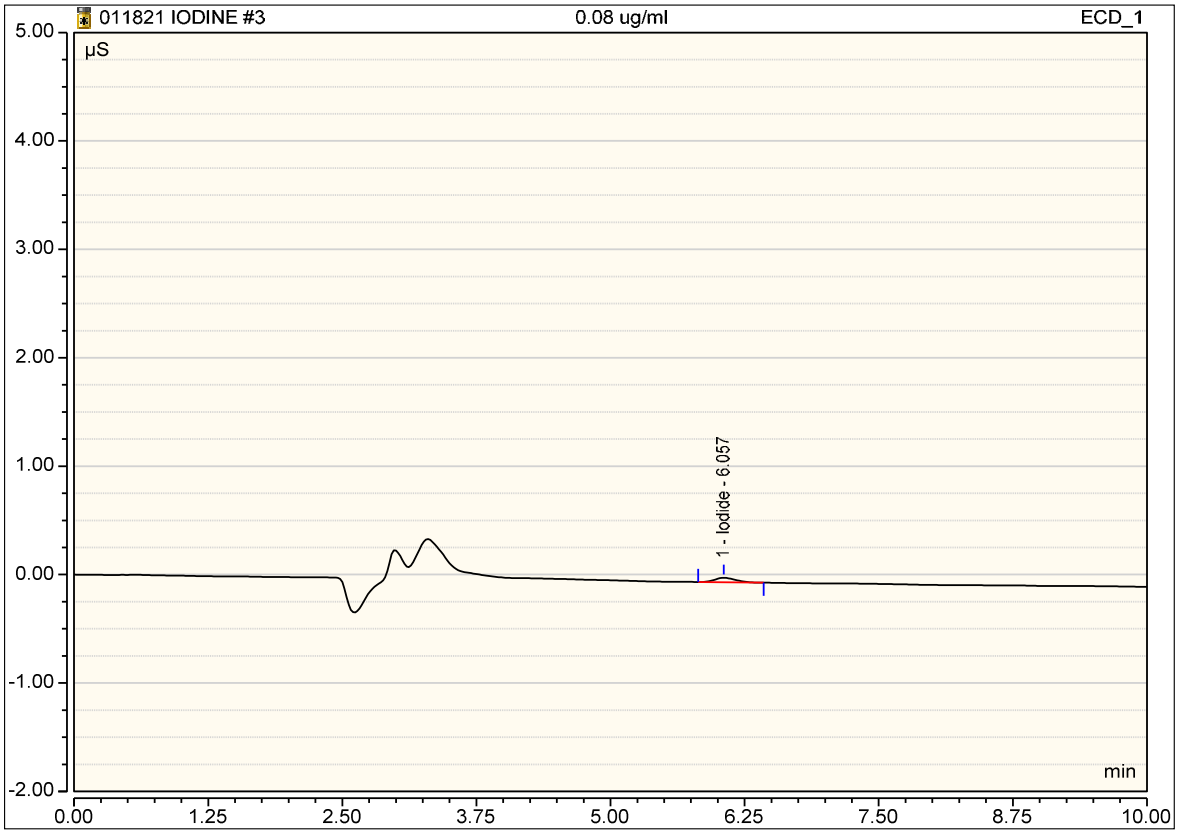
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**0.08 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 15:49**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.06	Iodide	BMB	0.009	0.041	0.0925
		TOTAL:		0.01	0.04	0.09



Anion/Integration

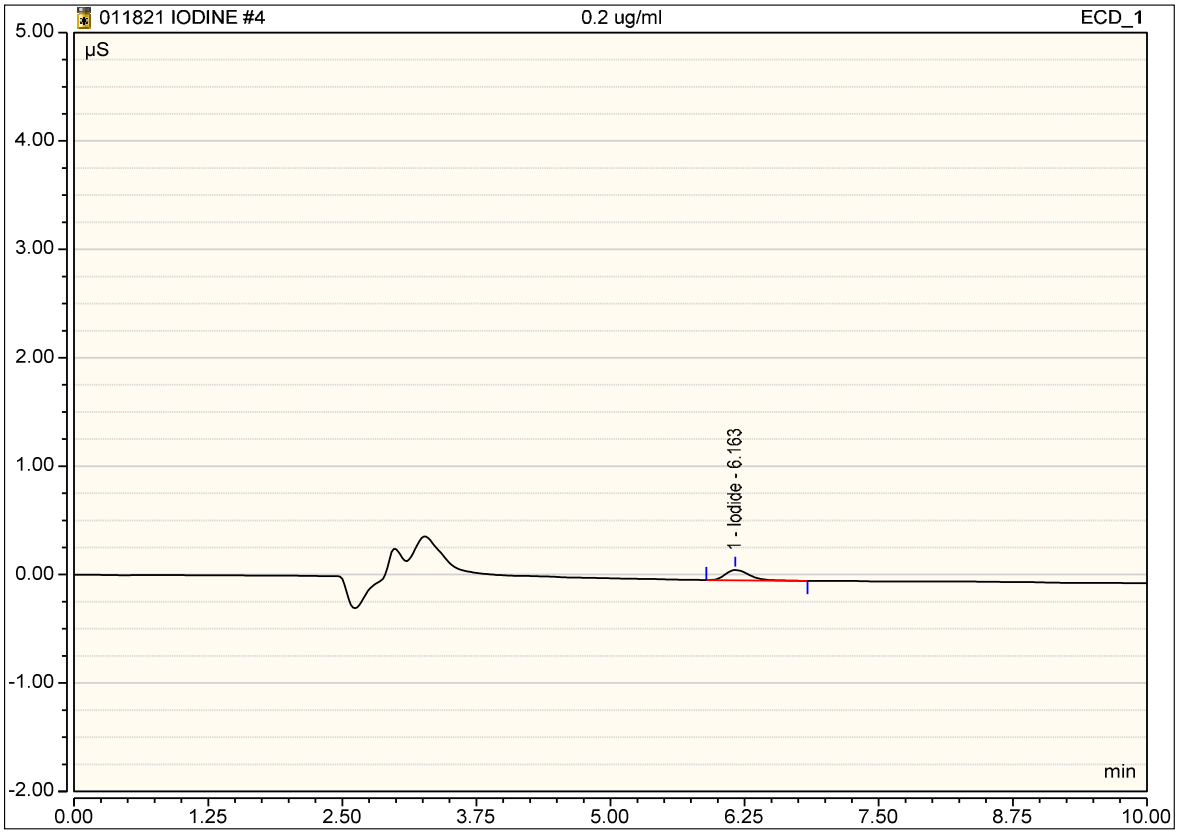
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**0.2 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:02**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.16	Iodide	BMB	0.025	0.095	0.2078
		TOTAL:		0.02	0.09	0.21



Anion/Integration

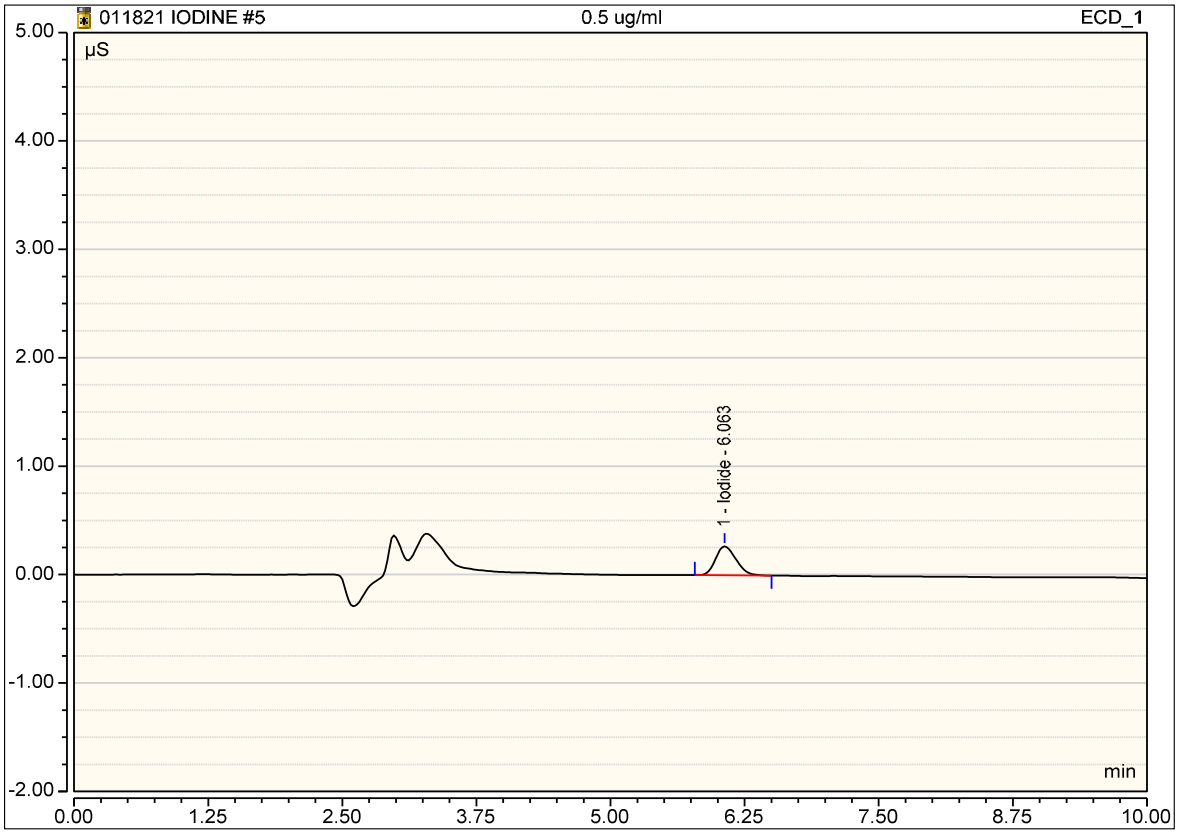
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**0.5 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:14**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.06	Iodide	BMB	0.059	0.268	0.4629
		TOTAL:		0.06	0.27	0.46



Anion/Integration

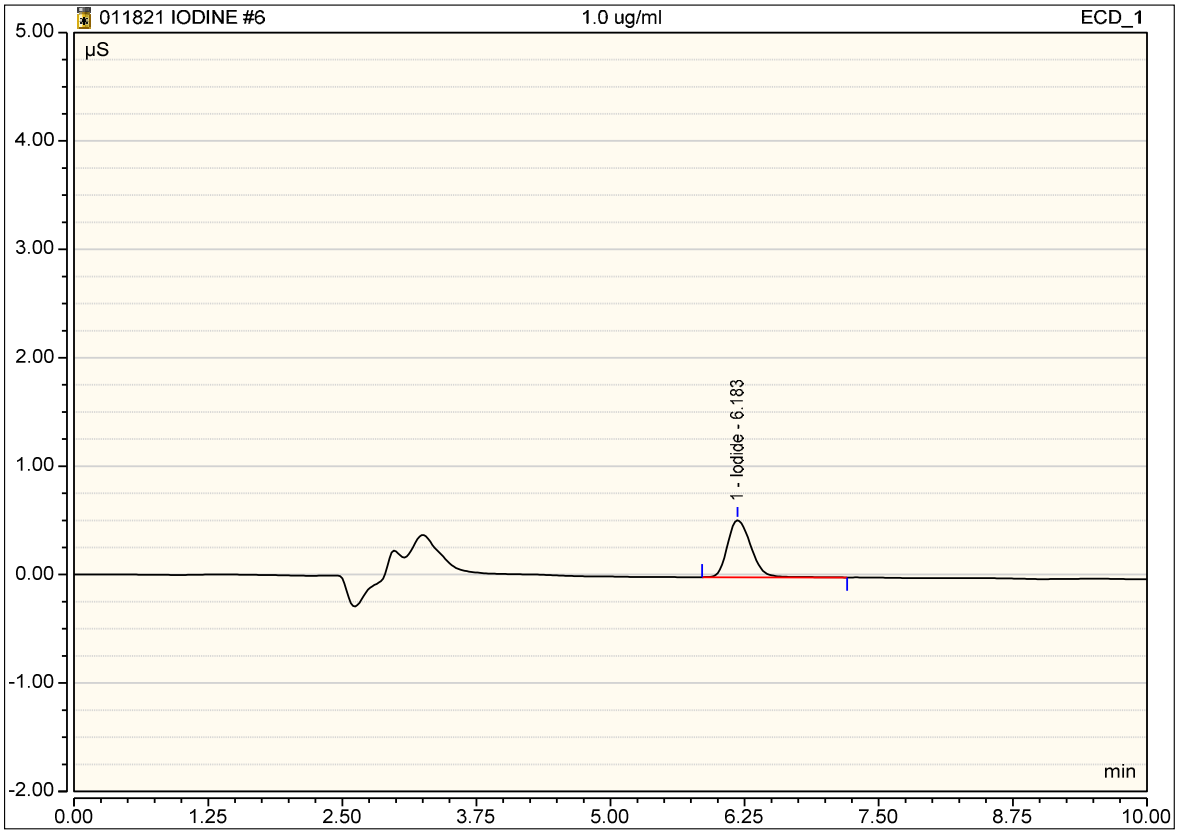
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**1.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:26**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.18	Iodide	BMB	0.132	0.525	1.0054
		TOTAL:		0.13	0.53	1.01



Anion/Integration

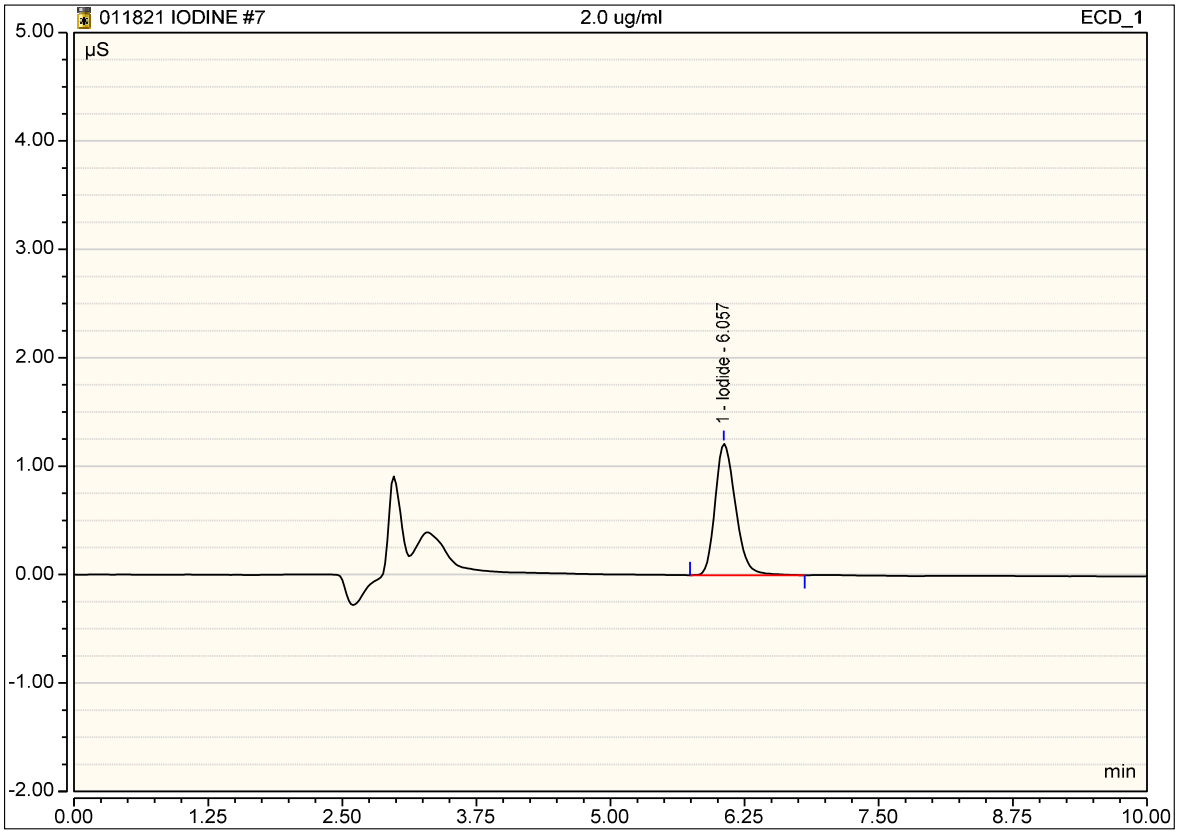
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**2.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:39**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.06	Iodide	BMB	0.267	1.212	2.0052
		TOTAL:		0.27	1.21	2.01



Anion/Integration

Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

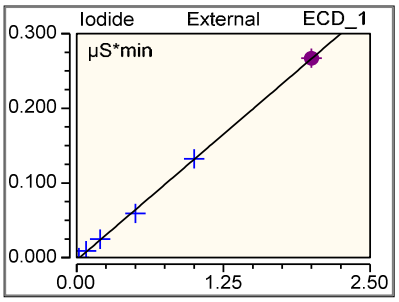
Calibration Batch Report

Sequence:	**011821 IODINE**	*Injection Volume:*	**100.00**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:39**	*Run Time:*	**10**

Calibration Summary

Peak Name	Eval.Type	Cal.Type	Points	Offset (C0)	Slope (C1)	Curve (C2)	Coeff.Det. %
Iodide	Area	in, WithOffse	6.000	-0.003	0.135	0.000	99.9417
		AVERAGE:		-0.0033	0.1349	0.0000	99.9417

Injection Name	Ret.Time min ECD_1	Area µS*min ECD_1	Height µS ECD_1	Amount ECD_1
	Iodide	Iodide	Iodide	Iodide
0.02 ug/ml	6.307	0.0002	0.000	0.026
0.08 ug/ml	6.057	0.0091	0.041	0.093
0.2 ug/ml	6.163	0.0247	0.095	0.208
0.5 ug/ml	6.063	0.0591	0.268	0.463
1.0 ug/ml	6.183	0.1323	0.525	1.005
2.0 ug/ml	6.057	0.2671	1.212	2.005
Average	6.138			
Rel. Std. Dev.	1.628 %			



Anion/Calibration

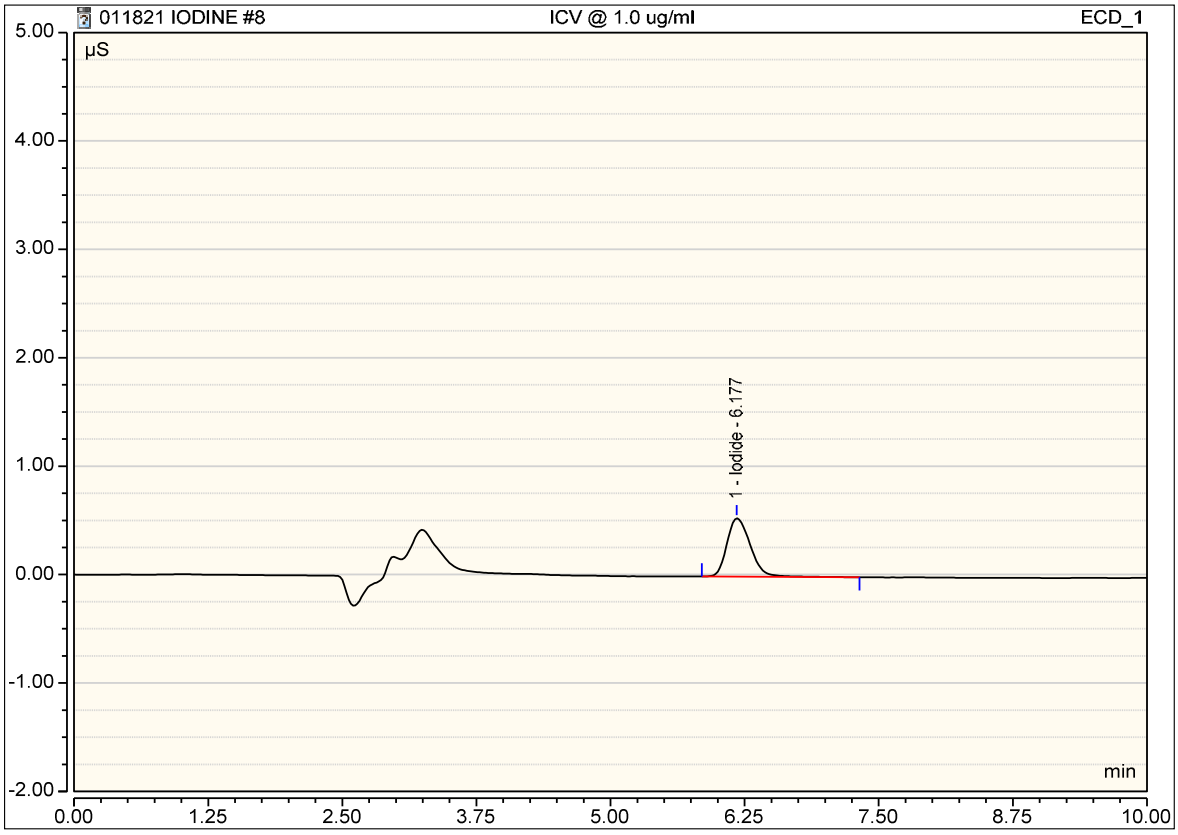
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**ICV @ 1.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:51**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.18	Iodide	BMB	0.136	0.537	1.0327
		TOTAL:		0.14	0.54	1.03



Anion/Integration

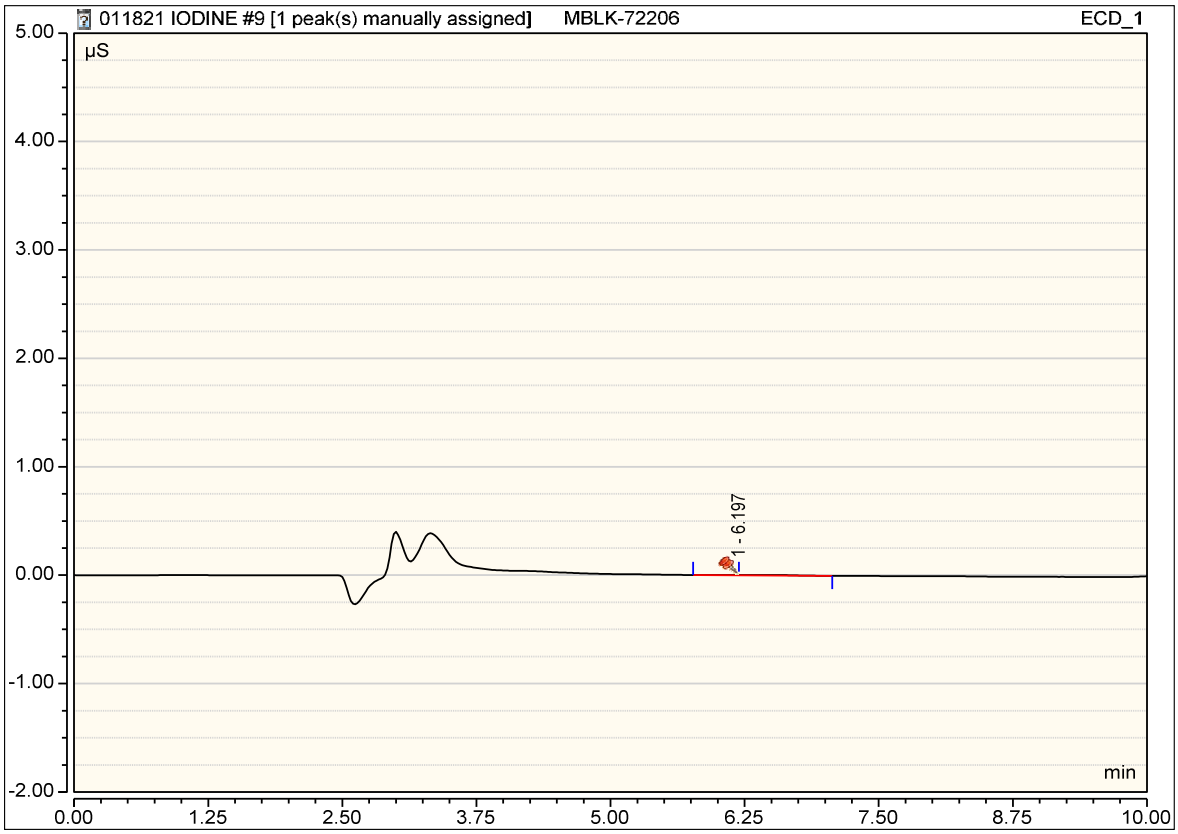
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**MBLK-72206**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 17:03**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
TOTAL:				0.00	0.00	0.00



Anion/Integration

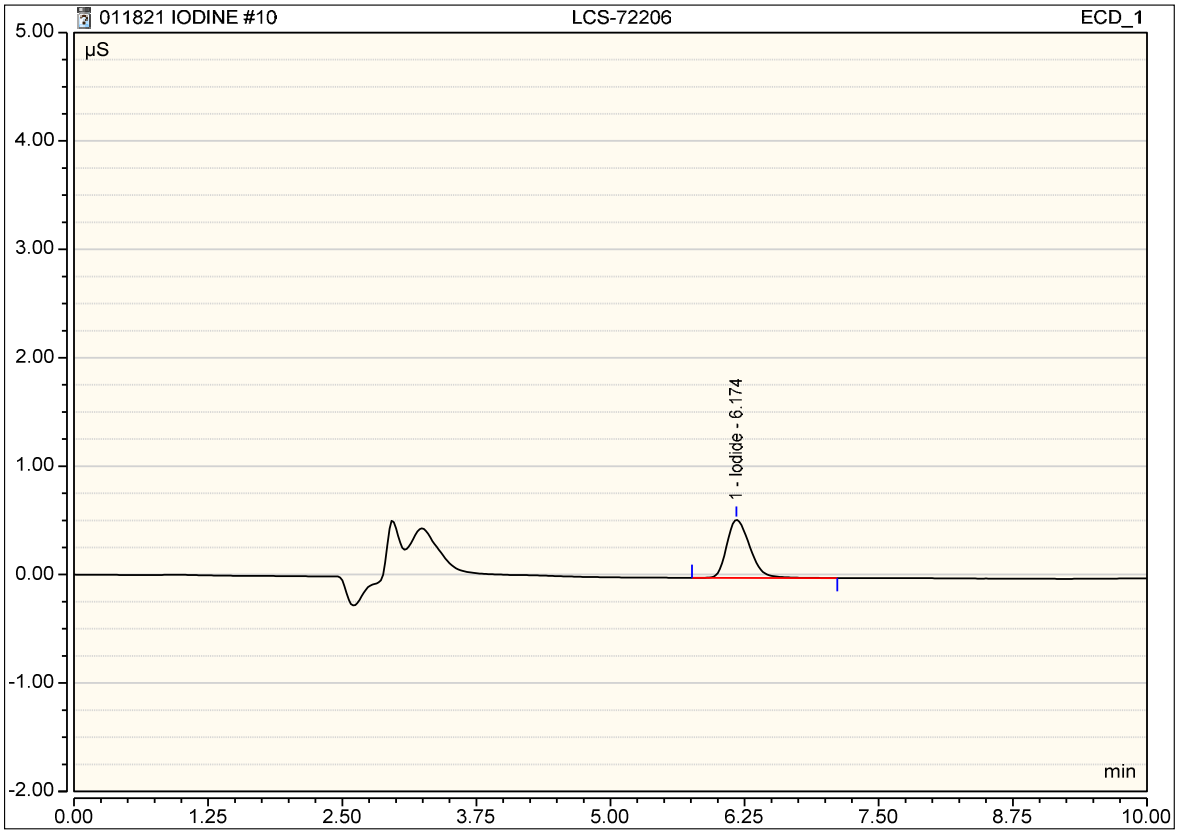
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**LCS-72206**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 17:16**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.17	Iodide	BMB	0.133	0.536	1.0106
		TOTAL:		0.13	0.54	1.01



Anion/Integration

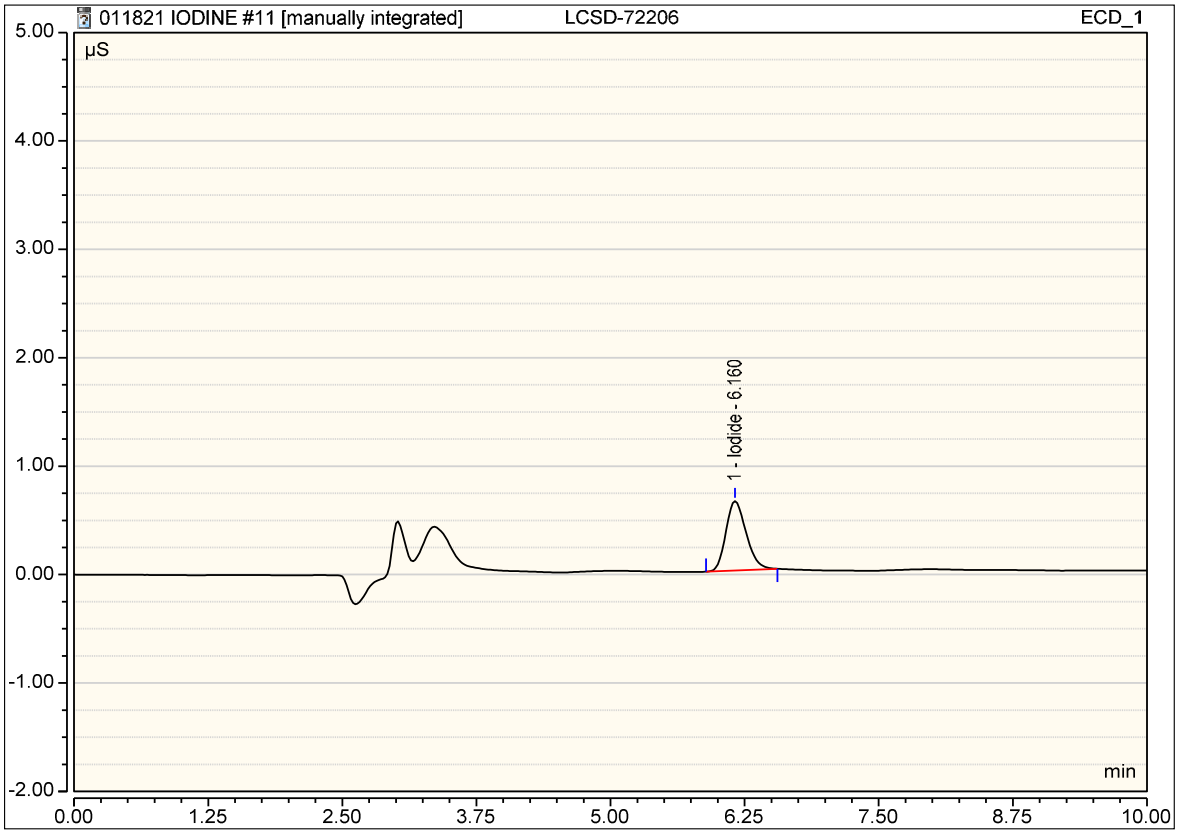
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**LCSD-72206**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 17:28**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.16	Iodide	BMB*	0.140	0.640	1.0649
		TOTAL:		0.14	0.64	1.06



Anion/Integration

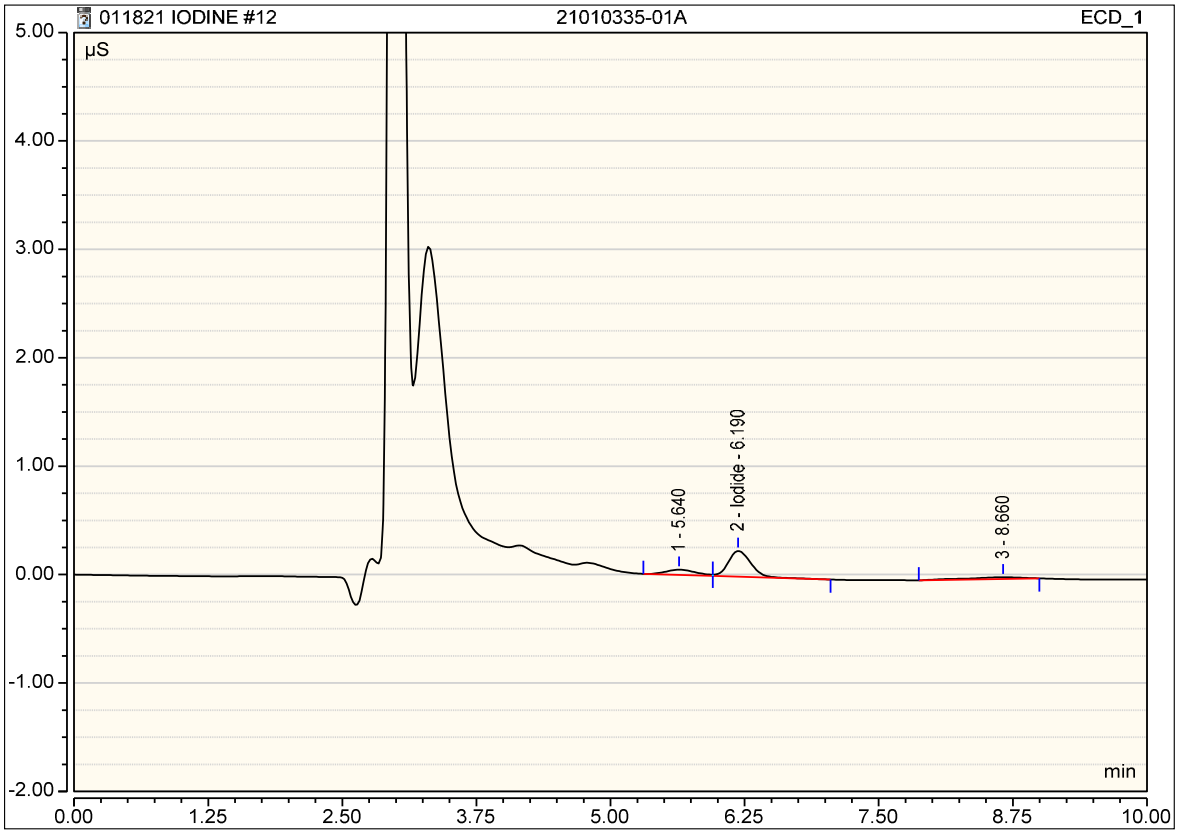
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010335-01A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 17:40**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
2	6.19	Iodide	MB	0.059	0.238	0.4594
		TOTAL:		0.06	0.24	0.46



Anion/Integration

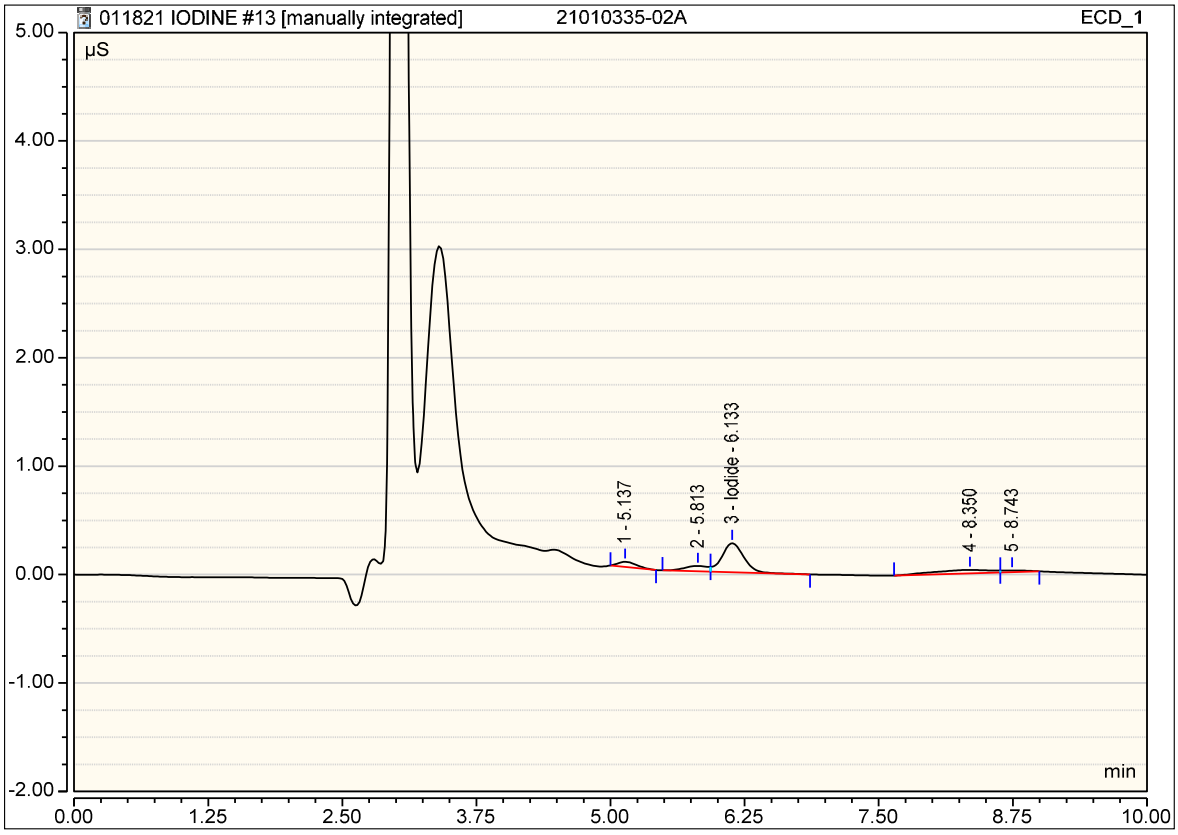
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010335-02A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 17:53**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.13	Iodide	MB*	0.063	0.269	0.4947
		TOTAL:		0.06	0.27	0.49



Anion/Integration

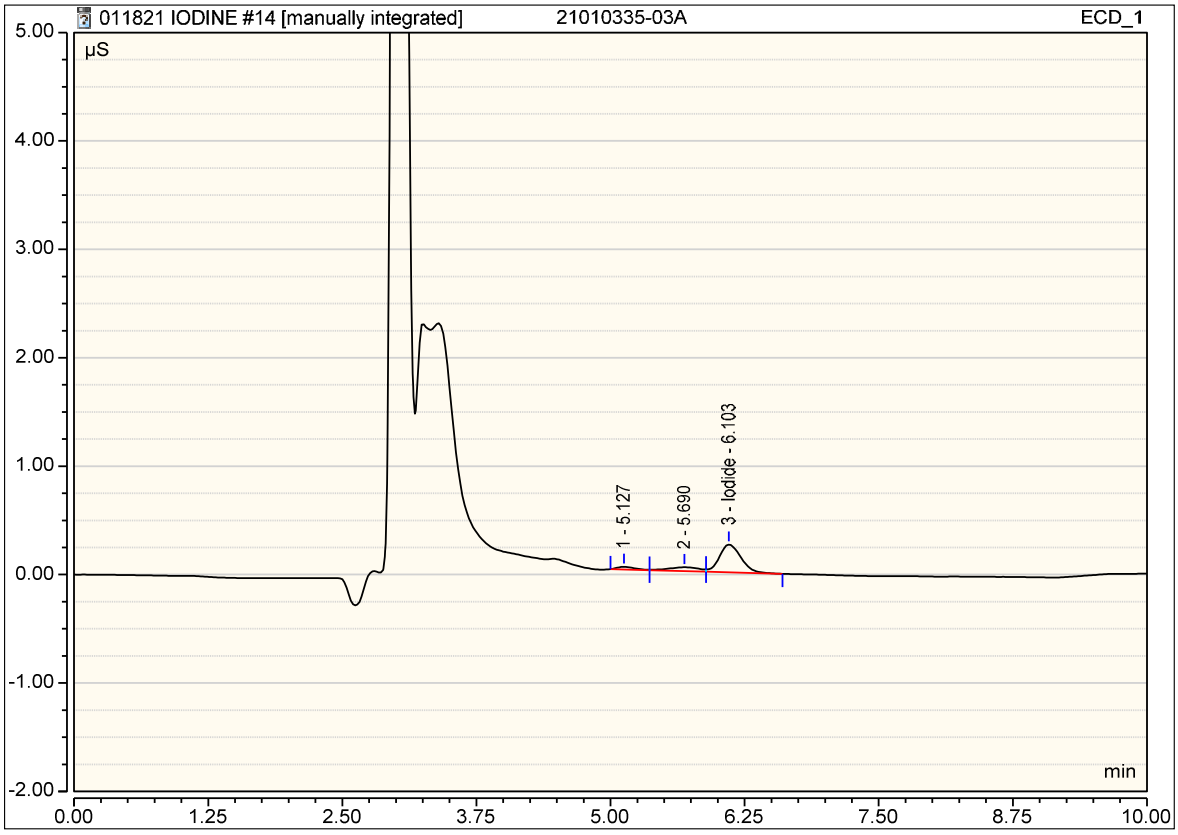
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010335-03A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 18:05**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.10	Iodide	MB*	0.060	0.256	0.4693
		TOTAL:		0.06	0.26	0.47



Anion/Integration

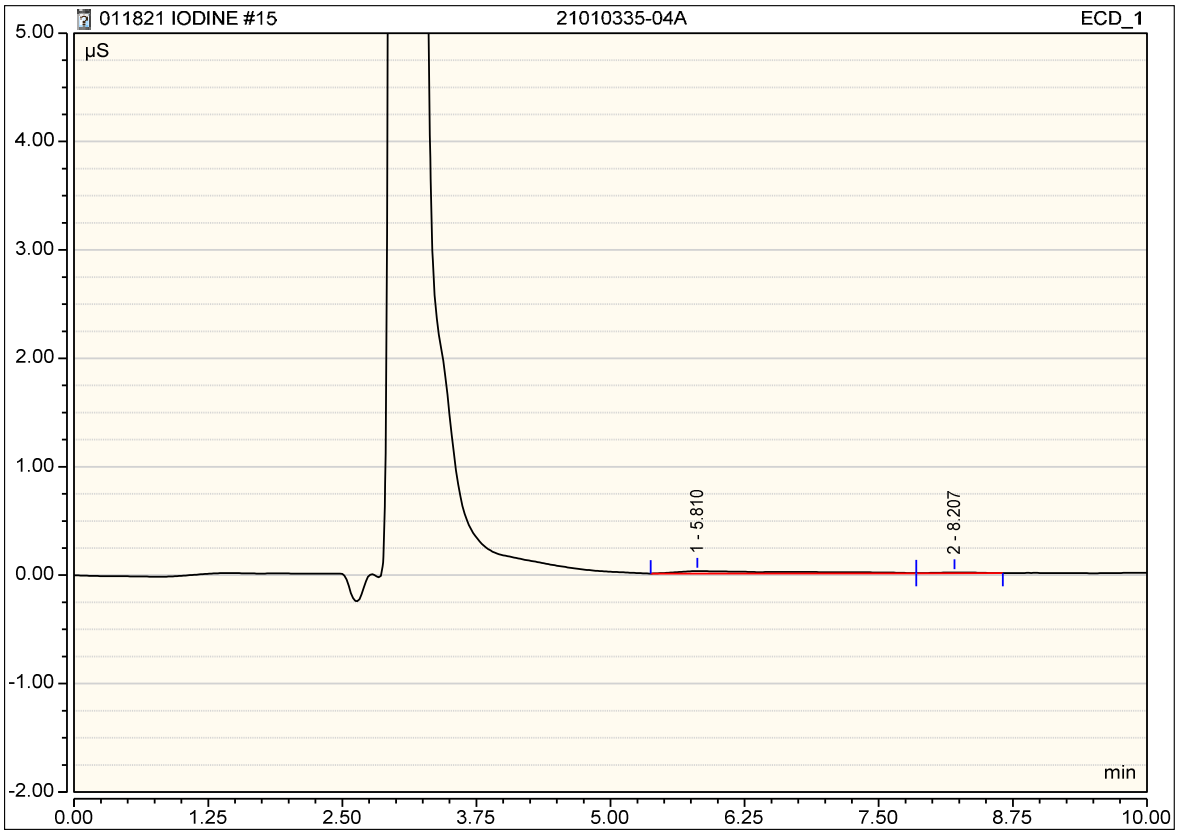
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010335-04A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 18:17**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
		TOTAL:		0.00	0.00	0.00



Anion/Integration

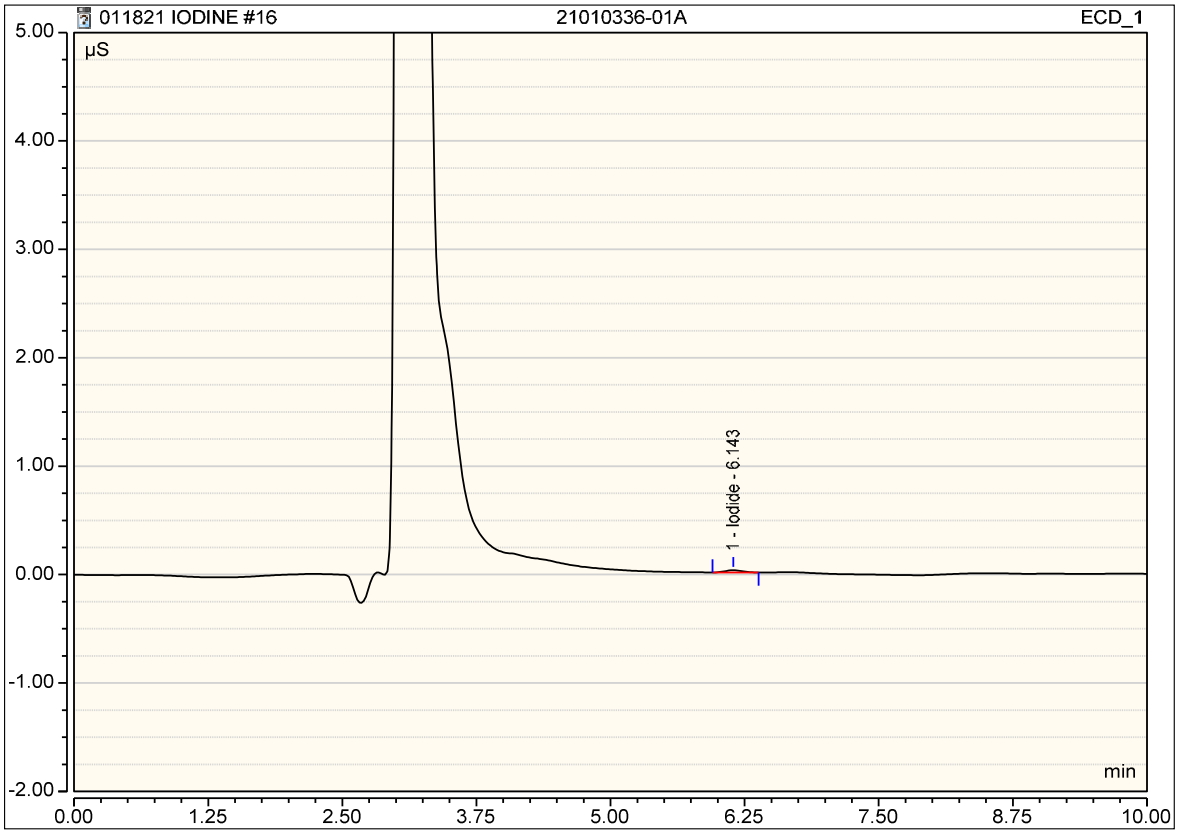
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010336-01A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 18:30**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.14	Iodide	BMB	0.004	0.020	0.0535
		TOTAL:		0.00	0.02	0.05



Anion/Integration

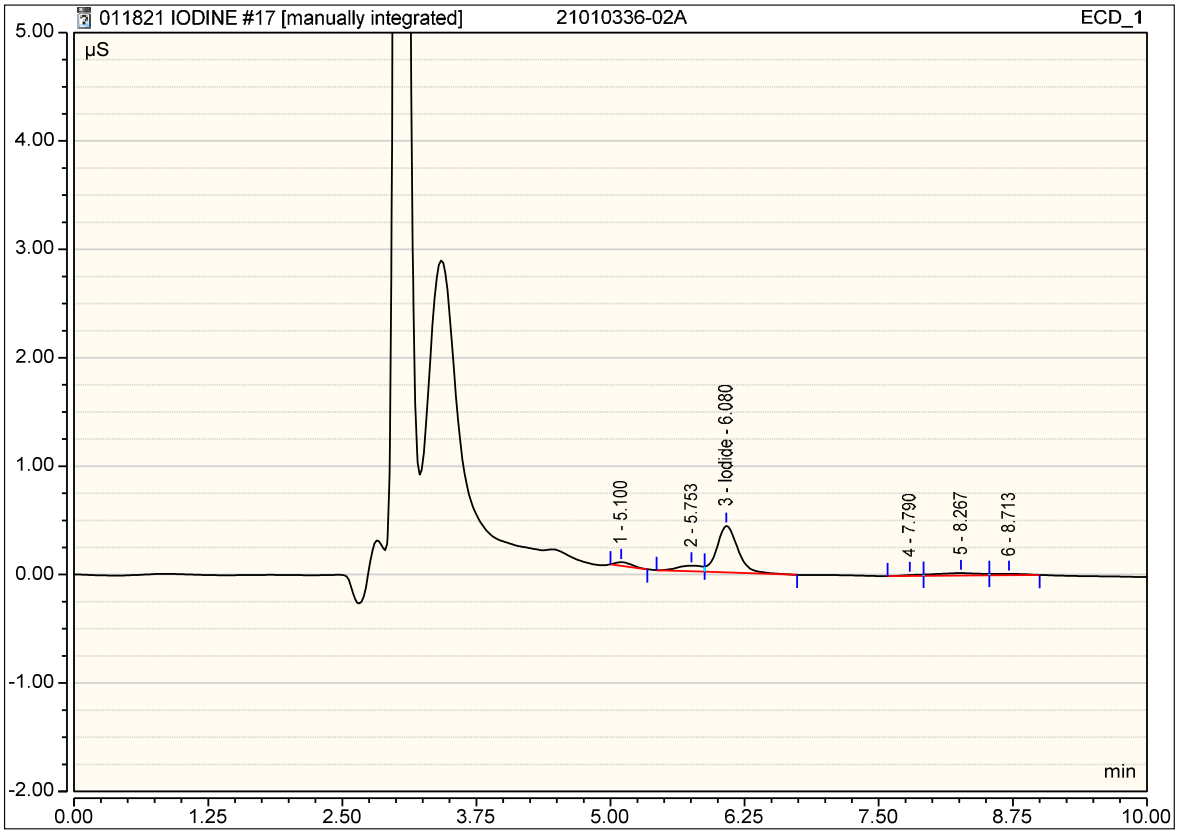
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010336-02A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 18:42**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.08	Iodide	MB*	0.097	0.430	0.7449
		TOTAL:		0.10	0.43	0.74



Anion/Integration

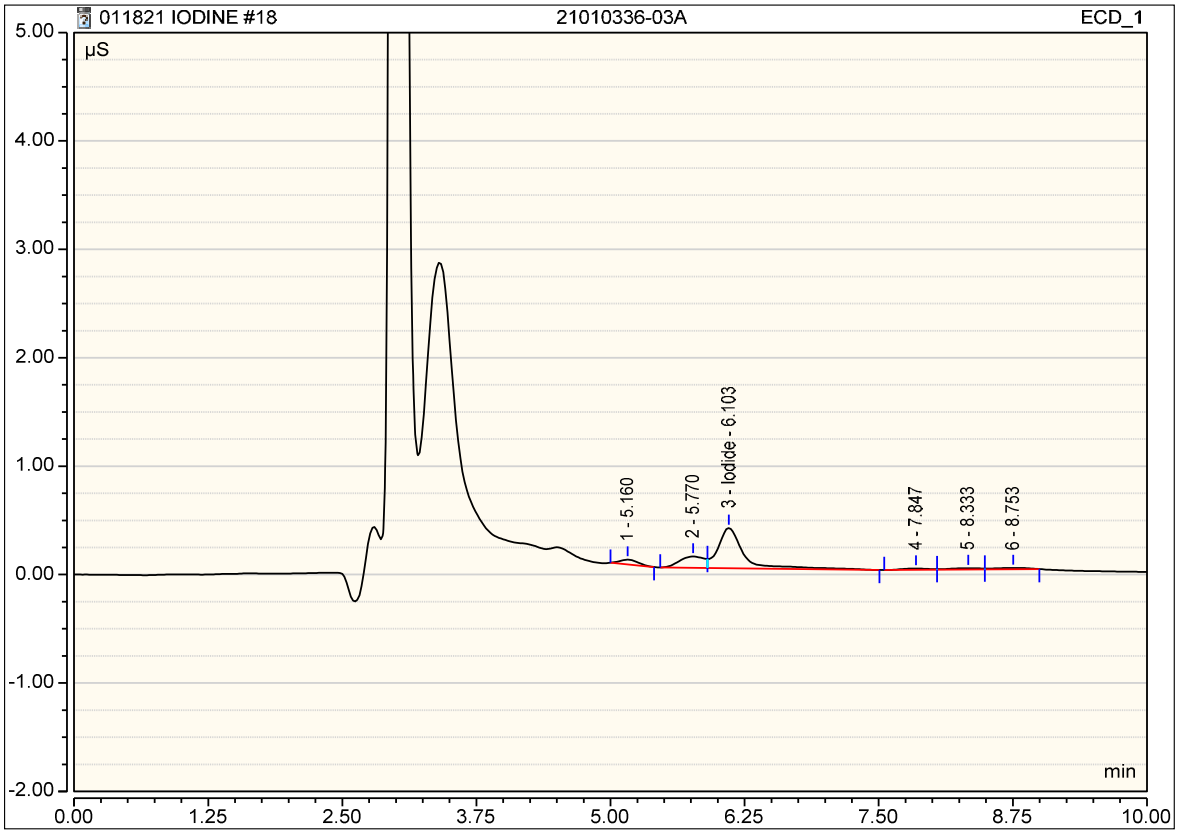
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010336-03A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 18:54**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.10	Iodide	MB	0.103	0.372	0.7870
		TOTAL:		0.10	0.37	0.79



Anion/Integration

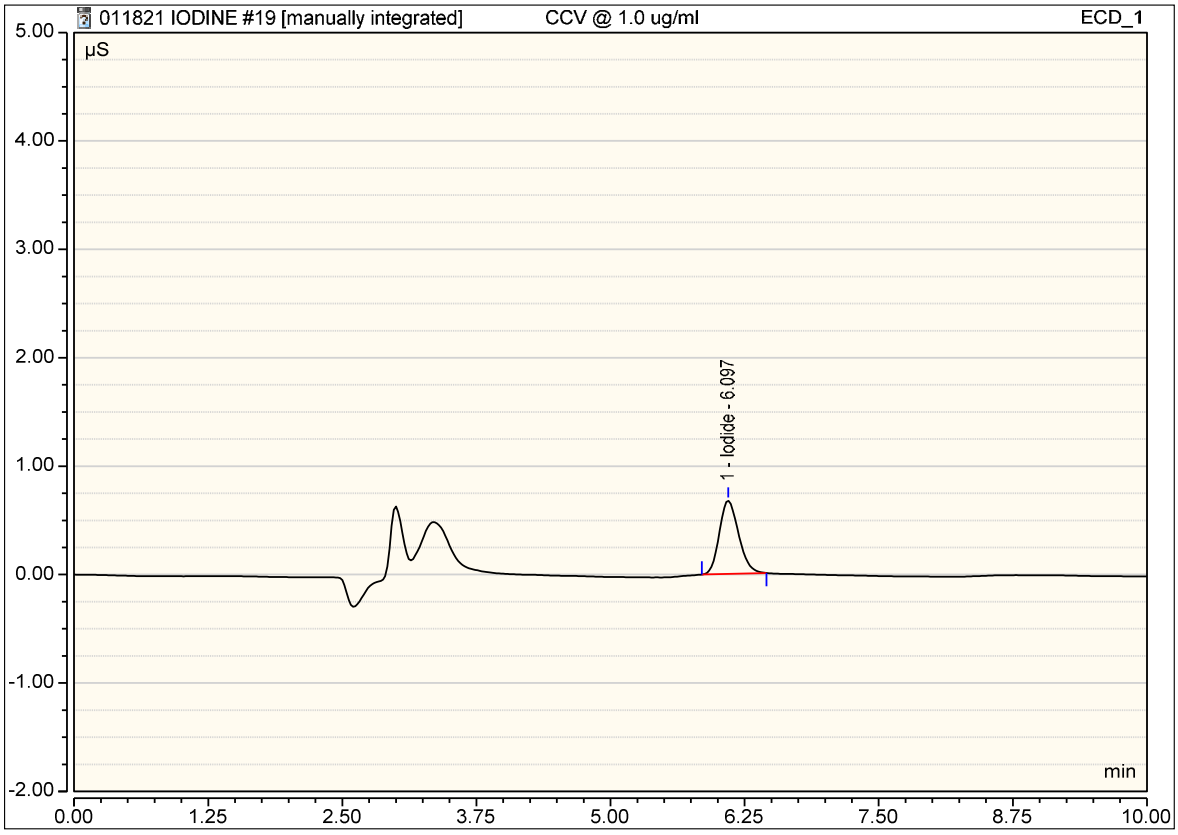
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCV @ 1.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 19:07**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.10	Iodide	BMB*	0.141	0.676	1.0689
		TOTAL:		0.14	0.68	1.07



Anion/Integration

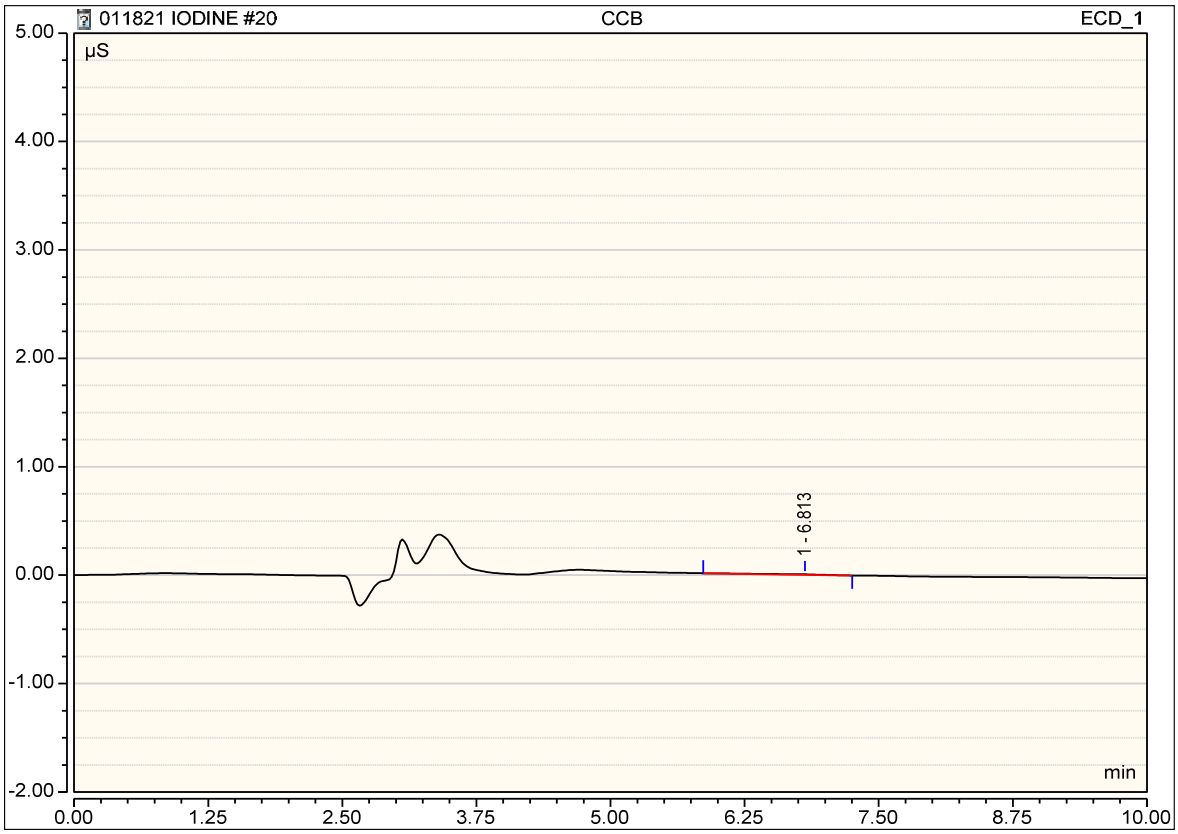
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCB**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 19:19**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
TOTAL:				0.00	0.00	0.00



Anion/Integration

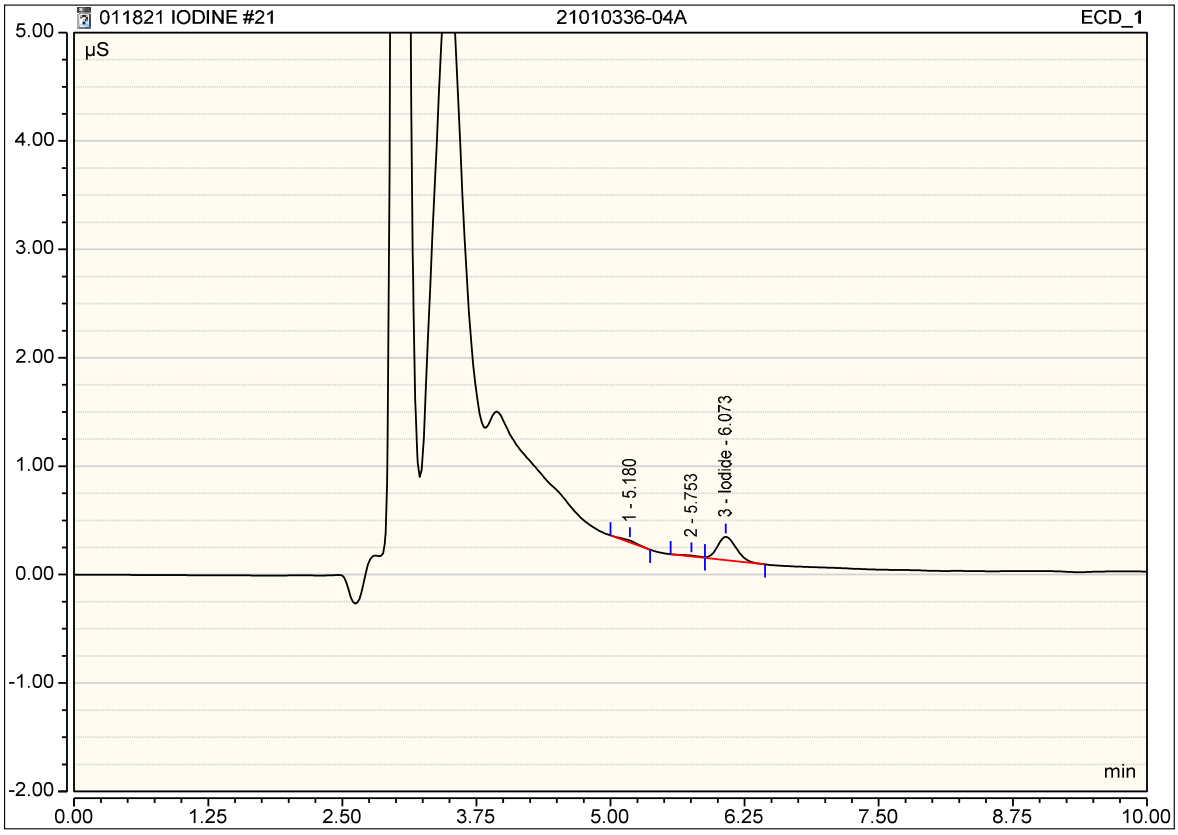
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010336-04A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 19:32**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.07	Iodide	MB	0.044	0.216	0.3497
		TOTAL:		0.04	0.22	0.35



Anion/Integration

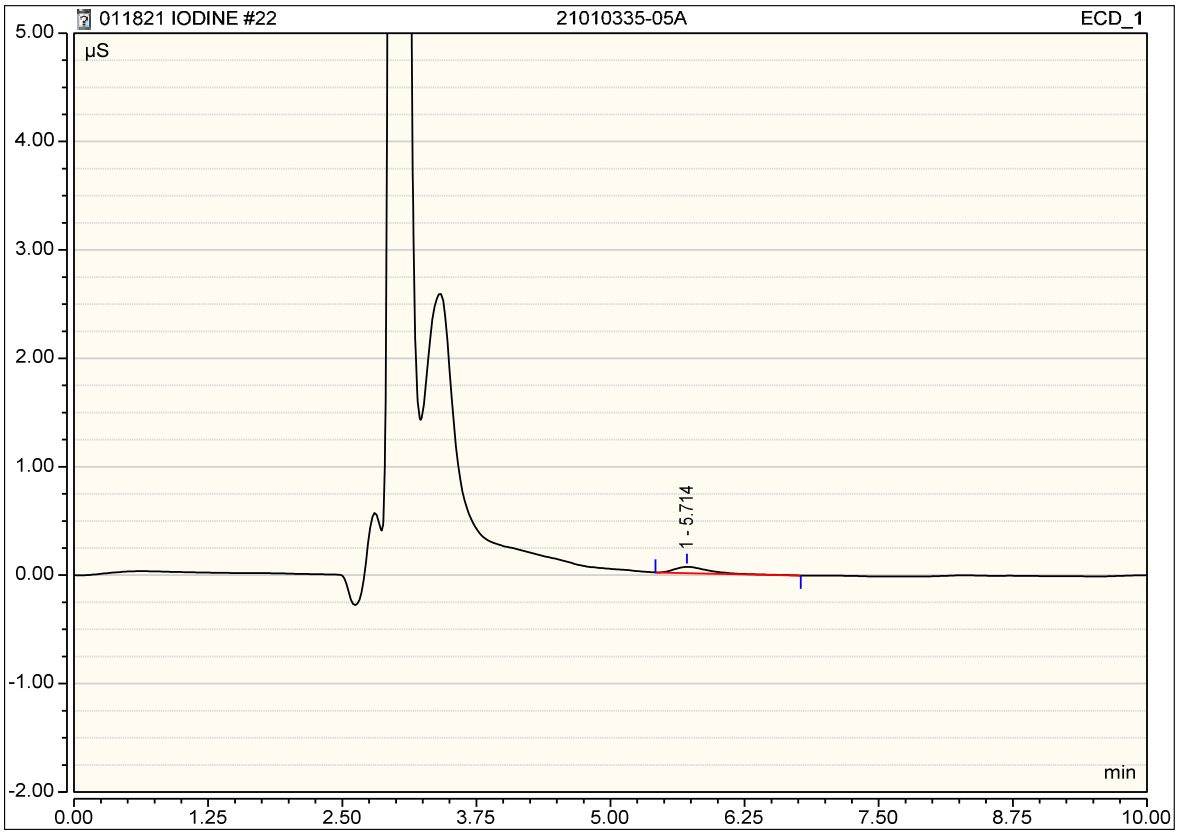
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010335-05A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 19:44**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
		TOTAL:		0.00	0.00	0.00



Anion/Integration

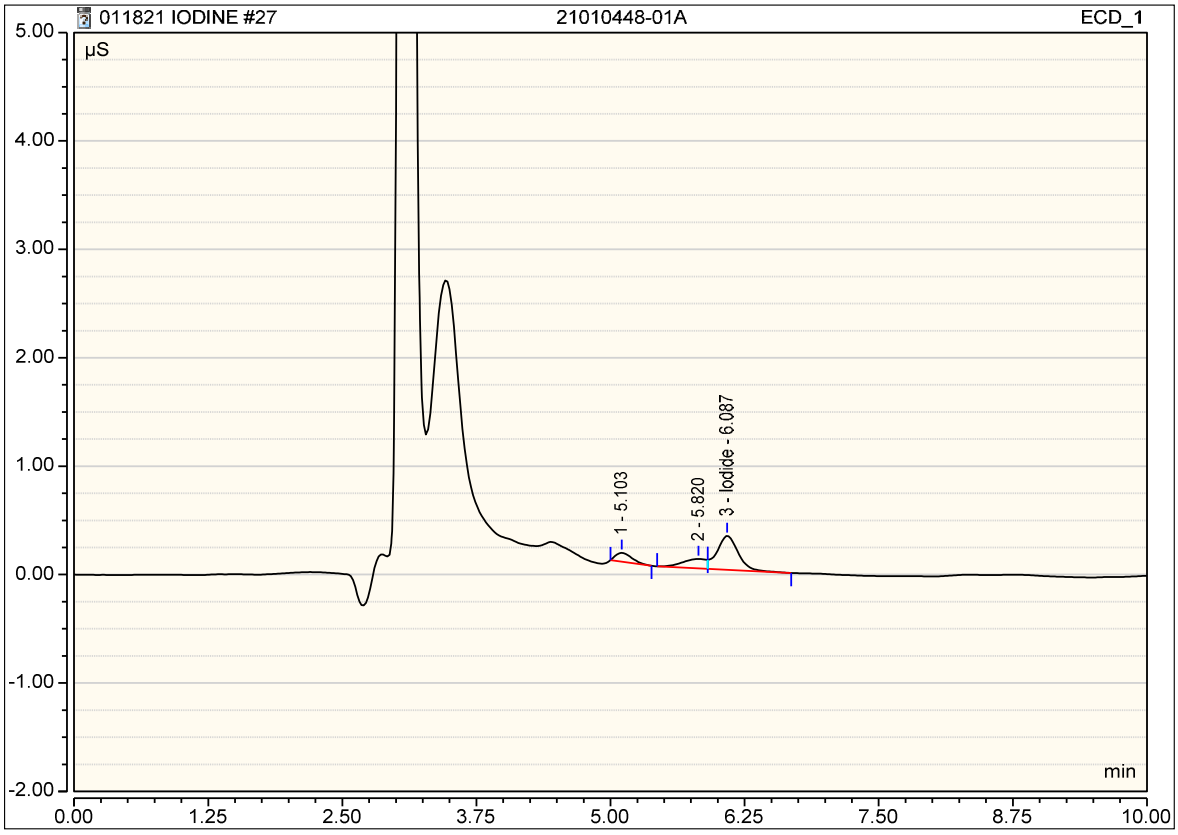
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010448-01A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 20:46**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.09	Iodide	MB	0.071	0.313	0.5498
		TOTAL:		0.07	0.31	0.55



Anion/Integration

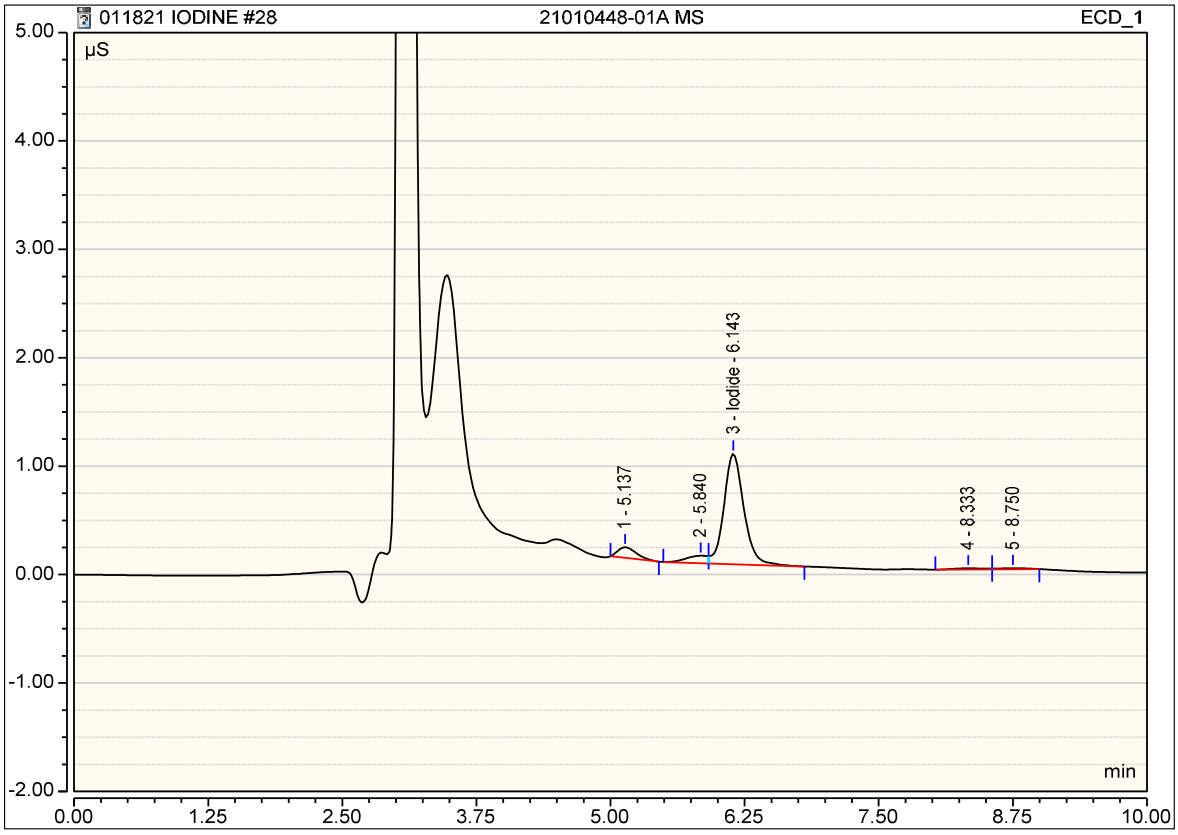
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010448-01A MS**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 20:58**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.14	Iodide	MB	0.220	1.019	1.6532
		TOTAL:		0.22	1.02	1.65



Anion/Integration

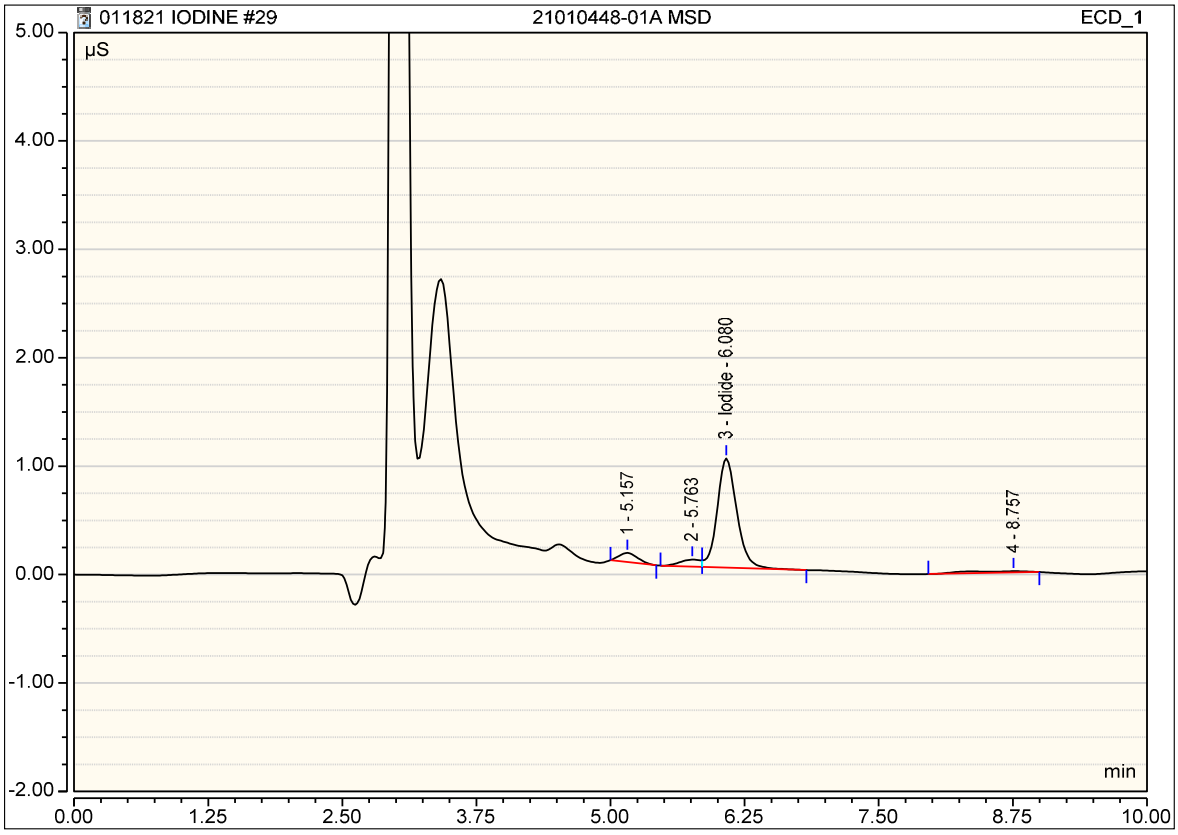
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010448-01A MSD**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 21:11**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.08	Iodide	MB	0.214	1.006	1.6101
		TOTAL:		0.21	1.01	1.61



Anion/Integration

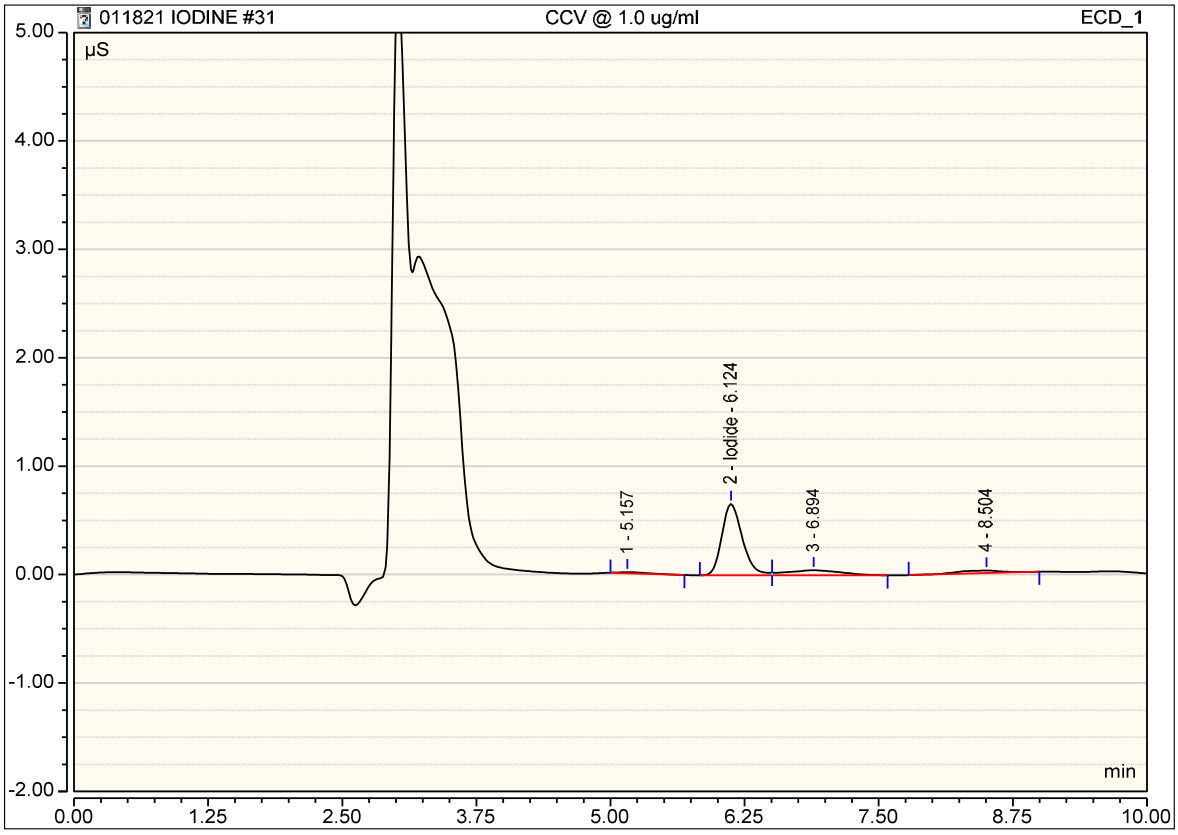
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCV @ 1.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 21:35**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
2	6.12	Iodide	BM	0.146	0.658	1.1094
		TOTAL:		0.15	0.66	1.11



Anion/Integration

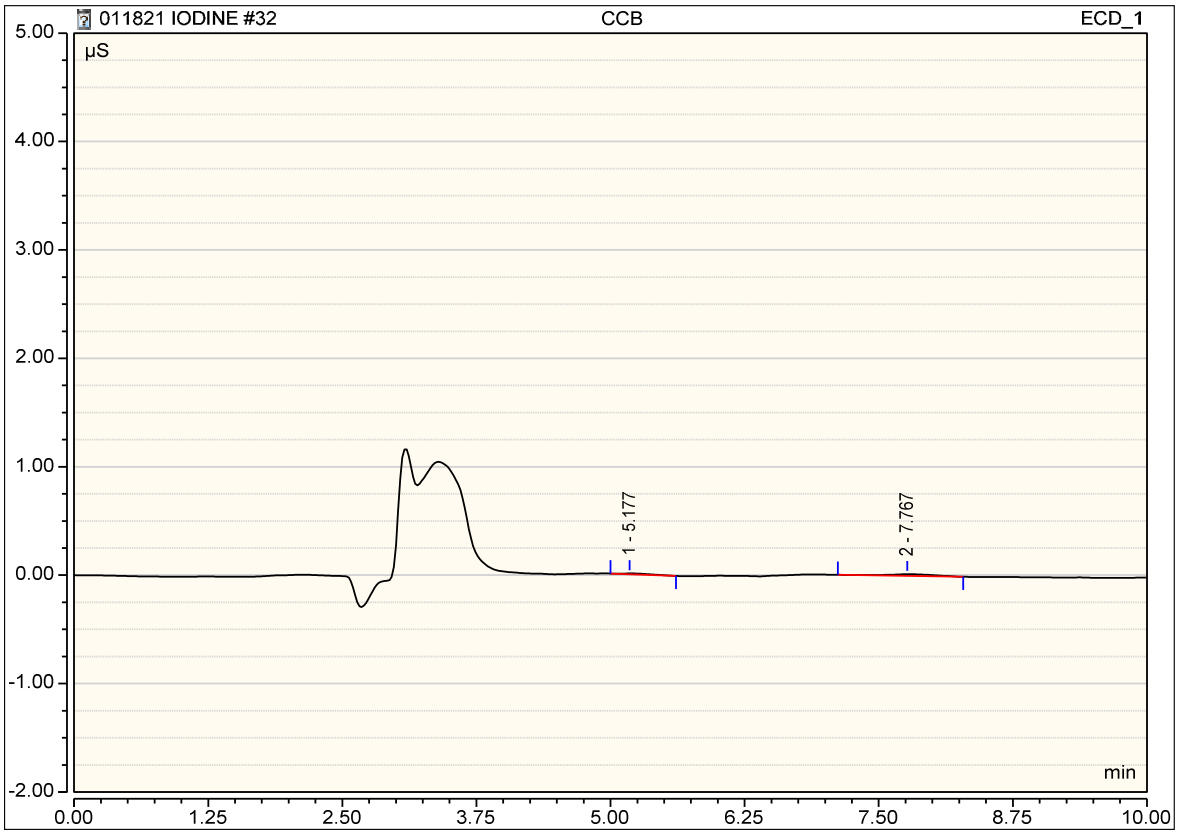
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCB**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 21:48**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
		TOTAL:		0.00	0.00	0.00



Anion/Integration

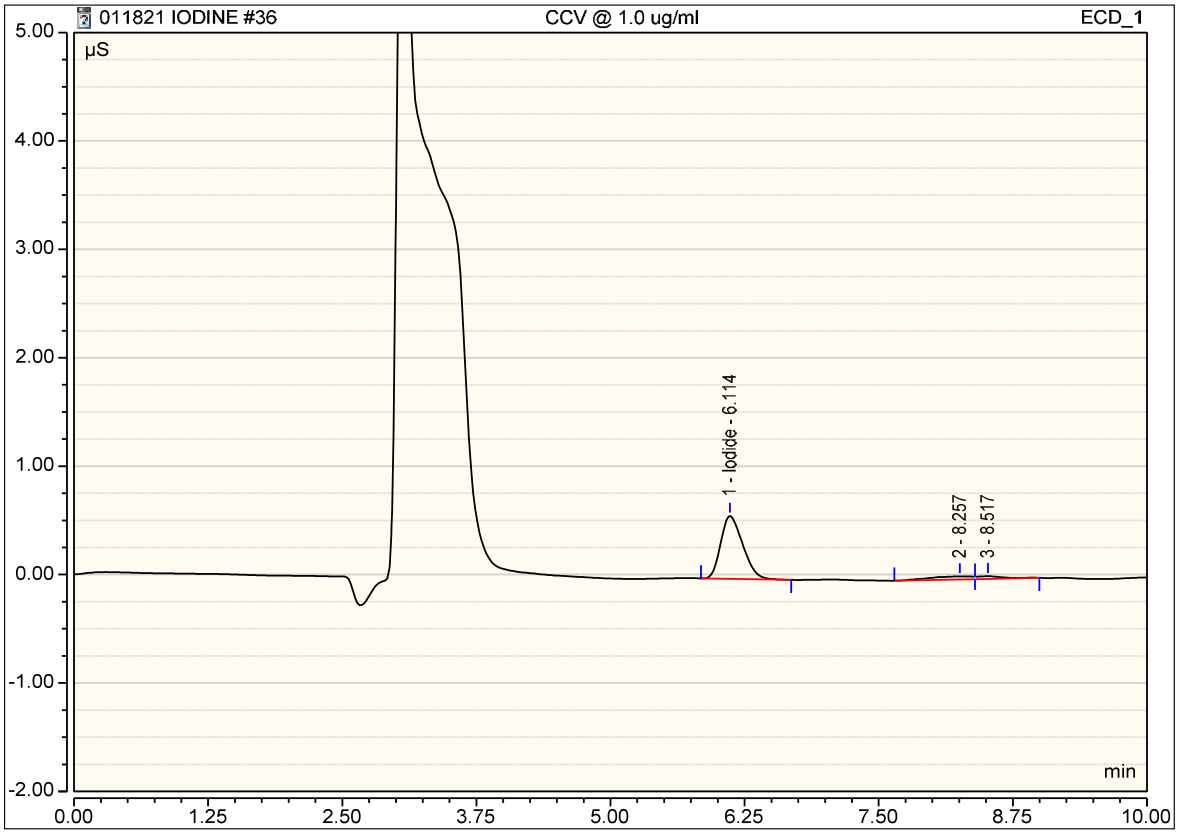
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCV @ 1.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 22:37**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.11	Iodide	BMB	0.138	0.580	1.0470
		TOTAL:		0.14	0.58	1.05



Anion/Integration

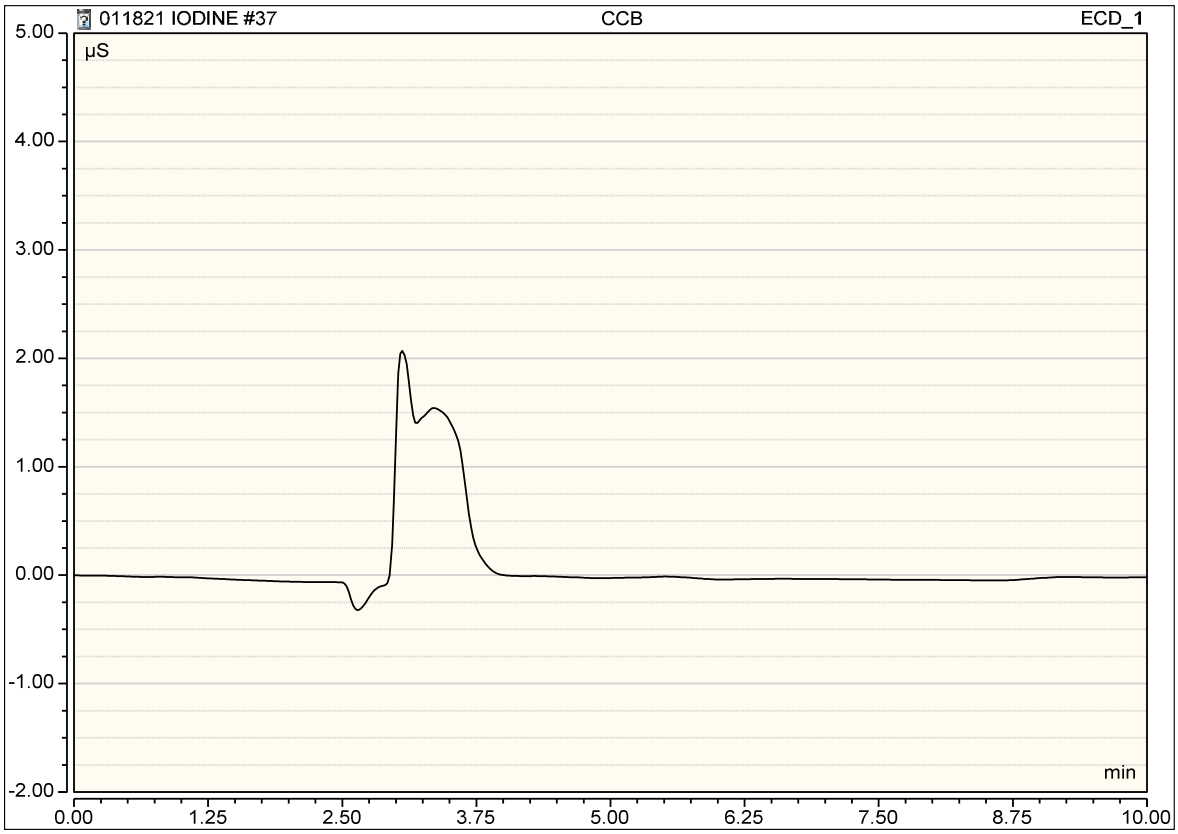
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCB**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 22:50**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
		TOTAL:		0.00	0.00	0.00



Anion/Integration

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WorkOrder: HS21010577

KAFB ROS

Aptim Environmental & Infrastucture, Inc.

Susan Huang
2500 City West Blvd., Suite 1700
Houston TX 77042

22-Feb-2021

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HS21010577 KAFB ROS Final

ALS WO# HS21010577

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January 27, 2021

Susan Huang
Aptim Environmental & Infrastucture, Inc.
2500 City West Blvd., Suite 1700
Houston, TX 77042

Work Order: **HS21010577**

Laboratory Results for: **KAFB ROS**

Dear Susan Huang,

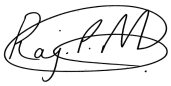
ALS Environmental received 2 sample(s) on Jan 15, 2021 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,



Generated By: JUMOKE.LAWAL
RJ Modashia
Project Manager

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastructure, Inc.
Project: KAFB ROS
Work Order: HS21010577

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS21010577-01	106MW2S-LTM-011321	Groundwater		13-Jan-2021 10:30	15-Jan-2021 09:50	☐
HS21010577-02	TB-011321	Water	CG-121520-111	13-Jan-2021 10:30	15-Jan-2021 09:50	☐

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
Work Order: HS21010577

CASE NARRATIVE

Work Order Comments

- Sample was received with limited holding time remaining. The analysis was performed as soon as possible after sample receipt. Results are flagged with "H" and should be considered estimated. Nitrate, Nitrite

Work Order Comments

- The analysis for Iodide was subcontracted to ALS Cincinnati, OH. Final report attached.

ECD Organics by Method SW8011

Batch ID: 161670

Sample ID: 106MW2S-LTM-011321 (HS21010577-01MS)

- The recovery of the Matrix Spike (MS) associated to this analyte was outside of the established control limits. However, the LCS was within control limits. The recovery of the MS may be due to sample matrix interference.

Sample ID: 106MW2S-LTM-011321 (HS21010577-01MSD)

- The recovery of the Matrix Spike Duplicate (MSD) associated to this analyte was outside of the established control limits. However, the LCS was within control limits. The failed recovery of the MSD may be due to sample matrix interference.

GCMS Volatiles by Method SW8260

Batch ID: R376447

Sample ID: 106MW2S-LTM-011321(HS21010577-01MS)

- The recovery of the Matrix Spike (MS) associated to this analyte was outside of the established control limits. However, the LCS was within control limits. The recovery of the MS may be due to sample matrix interference. tert-Butylbenzene

Sample ID: 106MW2S-LTM-011321 (HS21010577-01MSD)

- The recovery of the Matrix Spike Duplicate (MSD) associated to this analyte was outside of the established control limits. However, the LCS was within control limits. The failed recovery of the MSD may be due to sample matrix interference.Benzene

Metals by Method SW6020

Batch ID: 161677

Sample ID: 106MW2S-LTM-011321 (HS21010577-01MS)

- The MS and/or MSD recovery was outside of the control; however, the result in the parent sample is greater than 4x the spike amount. Barium

Batch ID: 161680

Sample ID: 106MW2S-LTM-011321 (HS21010577-01MS)

- The MS and/or MSD recovery was outside of the control; however, the result in the parent sample is greater than 4x the spike amount. Manganese

WetChemistry by Method SW9056

Batch ID: R376558

Sample ID: 106MW2S-LTM-011321 (HS21010577-01)

- Sample was received with limited holding time remaining. The analysis was performed as soon as possible after sample receipt. Results are flagged with "H" and should be considered estimated. Nitrate, Nitrite

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
Work Order: HS21010577

CASE NARRATIVE

WetChemistry by Method SM2320B

Batch ID: R376518

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E365.3

Batch ID: R376508

Sample ID: 106MW2S-LTM-011321 (HS21010577-01)

- Sample was received with limited holding time remaining. The analysis was performed as soon as possible after sample receipt. Results are flagged with "H" and should be considered estimated.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010577
Sample ID: 106MW2S-LTM-011321 Lab ID:HS21010577-01
Collection Date: 13-Jan-2021 10:30 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C	**Method:SW8260**							Analyst: PC
1,1,2-Trichloroethane	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 23:08
1,2,4-Trichlorobenzene	5.0	U	2.5	5.0	5.0	ug/L	5	15-Jan-2021 23:08
1,2-Dibromoethane	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 23:08
1,2-Dichloroethane	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 23:08
1,3,5-Trimethylbenzene	**54**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 23:08
2-Butanone	5.0	U	2.5	5.0	10	ug/L	5	15-Jan-2021 23:08
2-Chlorotoluene	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 23:08
2-Hexanone	10	U	5.0	10	10	ug/L	5	15-Jan-2021 23:08
4-Isopropyltoluene	**60**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 23:08
4-Methyl-2-pentanone	10	U	3.5	10	10	ug/L	5	15-Jan-2021 23:08
Acetone	10	U	2.0	10	10	ug/L	5	15-Jan-2021 23:08
Benzene	**2,300**		**10**	**25**	**50**	**ug/L**	50	15-Jan-2021 22:47
Carbon disulfide	10	U	3.0	10	10	ug/L	5	15-Jan-2021 23:08
Chloromethane	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 23:08
cis-1,2-Dichloroethene	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 23:08
Dichlorodifluoromethane	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 23:08
Ethylbenzene	**620**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 23:08
Isopropylbenzene	**100**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 23:08
m,p-Xylene	**1,100**		**2.5**	**5.0**	**10**	**ug/L**	5	15-Jan-2021 23:08
Methyl tert-butyl ether	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 23:08
Methylene chloride	10	U	2.0	10	10	ug/L	5	15-Jan-2021 23:08
n-Butylbenzene	**9.8**		**2.0**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 23:08
n-Propylbenzene	**59**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 23:08
Naphthalene	**77**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 23:08
o-Xylene	**660**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 23:08
sec-Butylbenzene	**12**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 23:08
tert-Butylbenzene	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 23:08
Tetrachloroethene	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 23:08
Toluene	**7.5**		**1.0**	**2.5**	**5.0**	**ug/L**	5	15-Jan-2021 23:08
trans-1,2-Dichloroethene	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 23:08
Trichloroethene	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 23:08
Trichlorofluoromethane	5.0	U	1.5	5.0	5.0	ug/L	5	15-Jan-2021 23:08
Vinyl chloride	2.5	U	1.0	2.5	5.0	ug/L	5	15-Jan-2021 23:08
Xylenes, Total	**1,800**		**1.5**	**5.0**	**5.0**	**ug/L**	5	15-Jan-2021 23:08
Surr: 1,2-Dichloroethane-d4	*89.0*			**0**	*81-118*	*%REC*	*50*	*15-Jan-2021 22:47*
Surr: 1,2-Dichloroethane-d4	*87.9*			**0**	*81-118*	*%REC*	*5*	*15-Jan-2021 23:08*
Surr: 4-Bromofluorobenzene	*101*			**0**	*85-114*	*%REC*	*50*	*15-Jan-2021 22:47*
Surr: 4-Bromofluorobenzene	*110*			**0**	*85-114*	*%REC*	*5*	*15-Jan-2021 23:08*
Surr: Dibromofluoromethane	*90.8*			**0**	*80-119*	*%REC*	*5*	*15-Jan-2021 23:08*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc. **ANALYTICAL REPORT**
Project: KAFB ROS WorkOrder:HS21010577
Sample ID: 106MW2S-LTM-011321 Lab ID:HS21010577-01
Collection Date: 13-Jan-2021 10:30 Matrix:Groundwater

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C		**Method:SW8260**						Analyst: PC
Surr: Dibromofluoromethane	*91.8*			**0**	*80-119*	*%REC*	*50*	*15-Jan-2021 22:47*
Surr: Toluene-d8	*104*			**0**	*89-112*	*%REC*	*50*	*15-Jan-2021 22:47*
Surr: Toluene-d8	*99.6*			**0**	*89-112*	*%REC*	*5*	*15-Jan-2021 23:08*
EDB-DBCP BY SW8011		**Method:SW8011**				Prep:SW8011 / 18-Jan-2021		Analyst: JBA
1,2-Dibromoethane	**0.043**		**0.0031**	**0.010**	**0.021**	**ug/L**	1	18-Jan-2021 20:33
METALS BY ICPMS BY SW6020A		**Method:SW6020**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Lead	0.00100	U	0.000600	0.00100	0.00500	mg/L	1	26-Jan-2021 23:59
DISSOLVED METALS BY SW6020A		**Method:SW6020 (dissolved)**				Prep:SW3010A / 19-Jan-2021		Analyst: ALR
Iron	**10.8**		**0.0120**	**0.0500**	**0.200**	**mg/L**	1	27-Jan-2021 00:53
Manganese	**8.49**		**0.0700**	**0.250**	**0.500**	**mg/L**	100	27-Jan-2021 12:22
ORTHO PHOSPHATE (PO4) AS P BY E365.3		**Method:E365.3**						Analyst: MZD
Phosphorus, Dissolved Orthophosphate (As P)	0.0250	HaU	0.0100	0.0250	0.0250	mg/L	1	15-Jan-2021 17:02
ALKALINITY BY SM2320B		**Method:SM2320B**						Analyst: TH
Alkalinity, Total (As CaCO3)	**500**	a	**5.00**	**5.00**	**5.00**	**mg/L**	1	18-Jan-2021 18:38
ANIONS BY SW9056A		**Method:SW9056**						Analyst: YP
Bromide	**1.66**		**0.0300**	**0.100**	**0.100**	**mg/L**	1	15-Jan-2021 14:02
Chloride	**66.8**		**0.200**	**0.500**	**0.500**	**mg/L**	1	15-Jan-2021 14:02
Nitrogen, Nitrate (As N)	**0.0857**	JH	**0.0300**	**0.100**	**0.100**	**mg/L**	1	15-Jan-2021 14:02
Nitrogen, Nitrite (As N)	0.100	HU	0.0300	0.100	0.100	mg/L	1	15-Jan-2021 14:02
Sulfate	**0.693**		**0.200**	**0.500**	**0.500**	**mg/L**	1	15-Jan-2021 14:02
SUBCONTRACT ANALYSIS - IODIDE		**Method:NA**						Analyst: SUB
Subcontract Analysis	See Attached		0	0		NA	1	20-Jan-2021 13:50

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
Sample ID: TB-011321
Collection Date: 13-Jan-2021 10:30

ANALYTICAL REPORT
WorkOrder:HS21010577
Lab ID:HS21010577-02
Matrix:Water

ANALYSES	RESULT	QUAL	DL	LOD	LOQ	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES ORGANICS BY METHOD 8260C	**Method:SW8260**							Analyst: PC
1,1,2-Trichloroethane	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:19
1,2,4-Trichlorobenzene	1.0	U	0.50	1.0	1.0	ug/L	1	15-Jan-2021 20:19
1,2-Dibromoethane	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:19
1,2-Dichloroethane	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:19
1,3,5-Trimethylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:19
2-Butanone	1.0	U	0.50	1.0	2.0	ug/L	1	15-Jan-2021 20:19
2-Chlorotoluene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:19
2-Hexanone	2.0	U	1.0	2.0	2.0	ug/L	1	15-Jan-2021 20:19
4-Isopropyltoluene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:19
4-Methyl-2-pentanone	2.0	U	0.70	2.0	2.0	ug/L	1	15-Jan-2021 20:19
Acetone	2.0	U	0.40	2.0	2.0	ug/L	1	15-Jan-2021 20:19
Benzene	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:19
Carbon disulfide	2.0	U	0.60	2.0	2.0	ug/L	1	15-Jan-2021 20:19
Chloromethane	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:19
cis-1,2-Dichloroethene	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:19
Dichlorodifluoromethane	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:19
Ethylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:19
Isopropylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:19
m,p-Xylene	1.0	U	0.50	1.0	2.0	ug/L	1	15-Jan-2021 20:19
Methyl tert-butyl ether	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:19
Methylene chloride	2.0	U	0.40	2.0	2.0	ug/L	1	15-Jan-2021 20:19
n-Butylbenzene	1.0	U	0.40	1.0	1.0	ug/L	1	15-Jan-2021 20:19
n-Propylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:19
Naphthalene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:19
o-Xylene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:19
sec-Butylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:19
tert-Butylbenzene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:19
Tetrachloroethene	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:19
Toluene	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:19
trans-1,2-Dichloroethene	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:19
Trichloroethene	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:19
Trichlorofluoromethane	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:19
Vinyl chloride	0.50	U	0.20	0.50	1.0	ug/L	1	15-Jan-2021 20:19
Xylenes, Total	1.0	U	0.30	1.0	1.0	ug/L	1	15-Jan-2021 20:19
Surr: 1,2-Dichloroethane-d4	*90.0*			**0**	*81-118*	*%REC*	*1*	*15-Jan-2021 20:19*
Surr: 4-Bromofluorobenzene	*102*			**0**	*85-114*	*%REC*	*1*	*15-Jan-2021 20:19*
Surr: Dibromofluoromethane	*92.7*			**0**	*80-119*	*%REC*	*1*	*15-Jan-2021 20:19*
Surr: Toluene-d8	*102*			**0**	*89-112*	*%REC*	*1*	*15-Jan-2021 20:19*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US Date: 27-Jan-21

Weight / Prep Log

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

Batch ID: 161670 **Start Date:** 18 Jan 2021 11:30 **End Date:** 18 Jan 2021 14:00
Method: AQPREP: 8011 EDB **Prep Code:** 8011_WPR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21010577-01		35 (mL)	36.67 (mL)	1.048	40 mL VOA vial, Neat

Batch ID: 161677 **Start Date:** 19 Jan 2021 09:00 **End Date:** 19 Jan 2021 13:00
Method: WATER - SW3010A **Prep Code:** 3010A

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21010577-01		10 (mL)	10 (mL)	1	120 plastic HNO3

Batch ID: 161680 **Start Date:** 19 Jan 2021 12:00 **End Date:** 19 Jan 2021 16:00
Method: DISS METALS PREP - WATER - SW3010A **Prep Code:** 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21010577-01		10 (mL)	10 (mL)	1	120 plastic HNO3

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 161670 (0)	**Test Name :** EDB-DBCP BY SW8011				**Matrix:** Groundwater	
HS21010577-01	106MW2S-LTM-011321	13 Jan 2021 10:30		18 Jan 2021 11:30	18 Jan 2021 20:33	1
Batch ID: 161677 (0)	**Test Name :** METALS BY ICPMS BY SW6020A				**Matrix:** Groundwater	
HS21010577-01	106MW2S-LTM-011321	13 Jan 2021 10:30		19 Jan 2021 13:00	26 Jan 2021 23:59	1
Batch ID: 161680 (0)	**Test Name :** DISSOLVED METALS BY SW6020A				**Matrix:** Groundwater	
HS21010577-01	106MW2S-LTM-011321	13 Jan 2021 10:30		19 Jan 2021 16:00	27 Jan 2021 12:22	100
HS21010577-01	106MW2S-LTM-011321	13 Jan 2021 10:30		19 Jan 2021 16:00	27 Jan 2021 00:53	1
Batch ID: R376447 (0)	**Test Name :** VOLATILES ORGANICS BY METHOD 8260C				**Matrix:** Water	
HS21010577-02	TB-011321	13 Jan 2021 10:30			15 Jan 2021 20:19	1
Batch ID: R376447 (0)	**Test Name :** VOLATILES ORGANICS BY METHOD 8260C				**Matrix:** Groundwater	
HS21010577-01	106MW2S-LTM-011321	13 Jan 2021 10:30			15 Jan 2021 23:08	5
HS21010577-01	106MW2S-LTM-011321	13 Jan 2021 10:30			15 Jan 2021 22:47	50
Batch ID: R376508 (0)	**Test Name :** ORTHO PHOSPHATE (PO4) AS P BY E365.3				**Matrix:** Groundwater	
HS21010577-01	106MW2S-LTM-011321	13 Jan 2021 10:30			15 Jan 2021 17:02	1
Batch ID: R376518 (0)	**Test Name :** ALKALINITY BY SM2320B				**Matrix:** Groundwater	
HS21010577-01	106MW2S-LTM-011321	13 Jan 2021 10:30			18 Jan 2021 18:38	1
Batch ID: R376558 (0)	**Test Name :** ANIONS BY SW9056A				**Matrix:** Groundwater	
HS21010577-01	106MW2S-LTM-011321	13 Jan 2021 10:30			15 Jan 2021 14:02	1
Batch ID: R376613 (0)	**Test Name :** SUBCONTRACT ANALYSIS - IODIDE				**Matrix:** Groundwater	
HS21010577-01	106MW2S-LTM-011321	13 Jan 2021 10:30			20 Jan 2021 13:50	1

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

QC BATCH REPORT

Batch ID: 161670 (0) **Instrument: ECD_15** **Method: EDB-DBCP BY SW8011**

MBLK Sample ID: **MBLK-161670** Units: **ug/L** Analysis Date: **18-Jan-2021 19:20**
Client ID: Run ID: **ECD_15_376683** SeqNo: **5925953** PrepDate: **18-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.010	0.020								U

LCS Sample ID: **LCS-161670** Units: **ug/L** Analysis Date: **18-Jan-2021 19:45**
Client ID: Run ID: **ECD_15_376683** SeqNo: **5925954** PrepDate: **18-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.1953	0.020	0.2	0	97.6	60 - 140				

LCSD Sample ID: **LCSD-161670** Units: **ug/L** Analysis Date: **18-Jan-2021 20:09**
Client ID: Run ID: **ECD_15_376683** SeqNo: **5925955** PrepDate: **18-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.1953	0.020	0.2	0	97.6	60 - 140	0.1953	0.00615	20	

MS Sample ID: **HS21010577-01MS** Units: **ug/L** Analysis Date: **18-Jan-2021 20:58**
Client ID: **106MW2S-LTM-011321** Run ID: **ECD_15_376683** SeqNo: **5925957** PrepDate: **18-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.1603	0.021	0.2	0.04346	58.4	60 - 140				S

MSD Sample ID: **HS21010577-01MSD** Units: **ug/L** Analysis Date: **18-Jan-2021 21:22**
Client ID: **106MW2S-LTM-011321** Run ID: **ECD_15_376683** SeqNo: **5925958** PrepDate: **18-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.1586	0.021	0.2	0.04346	57.6	60 - 140	0.1603	1.05	20	S

The following samples were analyzed in this batch: HS21010577-01

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

QC BATCH REPORT

Batch ID: 161677 (0) **Instrument:** ICPMS05 **Method:** METALS BY ICPMS BY SW6020A

MBLK Sample ID: **MBLK-161677** Units: **mg/L** Analysis Date: **26-Jan-2021 23:55**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5931997** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.00100	0.00500								U

LCS Sample ID: **LCS-161677** Units: **mg/L** Analysis Date: **26-Jan-2021 23:57**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5931998** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.04591	0.00500	0.05	0	91.8	88 - 115				

MS Sample ID: **HS21010577-01MS** Units: **mg/L** Analysis Date: **27-Jan-2021 00:03**
Client ID: **106MW2S-LTM-011321** Run ID: **ICPMS05_376970** SeqNo: **5932001** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.04059	0.00500	0.05	0.000143	80.9	88 - 115				S

MSD Sample ID: **HS21010577-01MSD** Units: **mg/L** Analysis Date: **27-Jan-2021 00:05**
Client ID: **106MW2S-LTM-011321** Run ID: **ICPMS05_376970** SeqNo: **5932002** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.04409	0.00500	0.05	0.000143	87.9	88 - 115	0.04059	8.27	20	S

PDS Sample ID: **HS21010577-01PDS** Units: **mg/L** Analysis Date: **27-Jan-2021 00:07**
Client ID: **106MW2S-LTM-011321** Run ID: **ICPMS05_376970** SeqNo: **5932003** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.08662	0.00500	0.1	0.000143	86.5	80 - 120				

SD Sample ID: **HS21010577-01SD** Units: **mg/L** Analysis Date: **27-Jan-2021 00:01**
Client ID: **106MW2S-LTM-011321** Run ID: **ICPMS05_376970** SeqNo: **5932000** PrepDate: **19-Jan-2021** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Lead	0.00500	0.0250					0.000143	0	10	U

The following samples were analyzed in this batch: HS21010577-01

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

QC BATCH REPORT

Batch ID: 161680 (0) **Instrument: ICPMS05** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

MBLK Sample ID: **MBLKF1-161680** Units: **mg/L** Analysis Date: **27-Jan-2021 00:49**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932074** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	0.0500	0.200								U
Manganese	0.00250	0.00500								U

MBLK Sample ID: **MBLK-161680** Units: **mg/L** Analysis Date: **27-Jan-2021 00:47**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932073** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	0.01371	0.200								J
Manganese	0.000758	0.00500								J

LCS Sample ID: **LCS-161680** Units: **mg/L** Analysis Date: **27-Jan-2021 00:51**
Client ID: Run ID: **ICPMS05_376970** SeqNo: **5932075** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.584	0.200	5	0	91.7	80 - 120				
Manganese	0.04599	0.00500	0.05	0	92.0	80 - 120				

MS Sample ID: **HS21010577-01MS** Units: **mg/L** Analysis Date: **27-Jan-2021 00:58**
Client ID: **106MW2S-LTM-011321** Run ID: **ICPMS05_376970** SeqNo: **5932078** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	14.65	0.200	5	10.78	77.2	75 - 125				
Manganese	7.161	0.00500	0.05	7.492	-663	75 - 125				SEO

MSD Sample ID: **HS21010577-01MSD** Units: **mg/L** Analysis Date: **27-Jan-2021 01:00**
Client ID: **106MW2S-LTM-011321** Run ID: **ICPMS05_376970** SeqNo: **5932057** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	15.3	0.200	5	10.78	90.2	75 - 125	14.65	4.34	20	
Manganese	7.464	0.00500	0.05	7.492	-56.8	75 - 125	7.161	4.14	20	SEO

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

QC BATCH REPORT

Batch ID: 161680 (0) **Instrument:** ICPMS05 **Method:** DISSOLVED METALS BY SW6020A (DISSOLVED)

PDS Sample ID: **HS21010577-01PDS** Units: **mg/L** Analysis Date: **27-Jan-2021 01:02**
Client ID: **106MW2S-LTM-011321** Run ID: **ICPMS05_376970** SeqNo: **5932058** PrepDate: **19-Jan-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	19.24	0.200	10	10.78	84.5	75 - 125				

PDS Sample ID: **HS21010577-01PDS** Units: **mg/L** Analysis Date: **27-Jan-2021 12:26**
Client ID: **106MW2S-LTM-011321** Run ID: **ICPMS05_377005** SeqNo: **5932758** PrepDate: **19-Jan-2021** DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Manganese	17.57	0.500	10	8.489	90.8	75 - 125				

SD Sample ID: **HS21010577-01SD** Units: **mg/L** Analysis Date: **27-Jan-2021 00:56**
Client ID: **106MW2S-LTM-011321** Run ID: **ICPMS05_376970** SeqNo: **5932077** PrepDate: **19-Jan-2021** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Iron	10.86	1.00					10.78	0.655	10	

SD Sample ID: **HS21010577-01SD** Units: **mg/L** Analysis Date: **27-Jan-2021 12:24**
Client ID: **106MW2S-LTM-011321** Run ID: **ICPMS05_377005** SeqNo: **5932757** PrepDate: **19-Jan-2021** DF: **500**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Manganese	9.049	2.50					8.489	6.6	10	

The following samples were analyzed in this batch: HS21010577-01

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

QC BATCH REPORT

Batch ID: R376447 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MBLK Sample ID: **VBLKW-210115** Units: **ug/L** Analysis Date: **15-Jan-2021 18:55**
Client ID: Run ID: **VOA6_376447** SeqNo: **5921371** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,2-Trichloroethane	1.0	1.0								U
1,2,4-Trichlorobenzene	1.0	1.0								U
1,2-Dibromoethane	0.50	1.0								U
1,2-Dichloroethane	0.50	1.0								U
1,3,5-Trimethylbenzene	1.0	1.0								U
2-Butanone	1.0	2.0								U
2-Chlorotoluene	1.0	1.0								U
2-Hexanone	2.0	2.0								U
4-Isopropyltoluene	1.0	1.0								U
4-Methyl-2-pentanone	2.0	2.0								U
Acetone	2.0	2.0								U
Benzene	0.50	1.0								U
Carbon disulfide	2.0	2.0								U
Chloromethane	0.50	1.0								U
cis-1,2-Dichloroethene	0.50	1.0								U
Dichlorodifluoromethane	1.0	1.0								U
Ethylbenzene	1.0	1.0								U
Isopropylbenzene	1.0	1.0								U
m,p-Xylene	1.0	2.0								U
Methyl tert-butyl ether	0.50	1.0								U
Methylene chloride	2.0	2.0								U
Naphthalene	1.0	1.0								U
n-Butylbenzene	1.0	1.0								U
n-Propylbenzene	1.0	1.0								U
o-Xylene	1.0	1.0								U
sec-Butylbenzene	1.0	1.0								U
tert-Butylbenzene	1.0	1.0								U
Tetrachloroethene	1.0	1.0								U
Toluene	0.50	1.0								U
trans-1,2-Dichloroethene	0.50	1.0								U
Trichloroethene	0.50	1.0								U
Trichlorofluoromethane	1.0	1.0								U
Vinyl chloride	0.50	1.0								U
Xylenes, Total	1.0	1.0								U

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

QC BATCH REPORT

Batch ID: R376447 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MBLK Sample ID: **VBLKW-210115** Units: **ug/L** Analysis Date: **15-Jan-2021 18:55**
Client ID: Run ID: **VOA6_376447** SeqNo: **5921371** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	*44.99*	*1.0*	*50*	*0*	*90.0*	*81 - 118*				
Surr: 4-Bromofluorobenzene	*50.99*	*1.0*	*50*	*0*	*102*	*85 - 114*				
Surr: Dibromofluoromethane	*46.52*	*1.0*	*50*	*0*	*93.0*	*80 - 119*				
Surr: Toluene-d8	*51.98*	*1.0*	*50*	*0*	*104*	*89 - 112*				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

QC BATCH REPORT

Batch ID: R376447 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

LCS Sample ID: **VLCSW-210115** Units: **ug/L** Analysis Date: **15-Jan-2021 17:52**
Client ID: Run ID: **VOA6_376447** SeqNo: **5921370** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,2-Trichloroethane	19.62	1.0	20	0	98.1	80 - 119				
1,2,4-Trichlorobenzene	19.88	1.0	20	0	99.4	69 - 130				
1,2-Dibromoethane	19.68	1.0	20	0	98.4	77 - 121				
1,2-Dichloroethane	18.72	1.0	20	0	93.6	73 - 128				
1,3,5-Trimethylbenzene	19.44	1.0	20	0	97.2	75 - 124				
2-Butanone	40.47	2.0	40	0	101	56 - 143				
2-Chlorotoluene	19.2	1.0	20	0	96.0	79 - 122				
2-Hexanone	36.09	2.0	40	0	90.2	57 - 139				
4-Isopropyltoluene	20.05	1.0	20	0	100	77 - 127				
4-Methyl-2-pentanone	36.64	2.0	40	0	91.6	67 - 130				
Acetone	45.42	2.0	40	0	114	39 - 160				
Benzene	19.92	1.0	20	0	99.6	79 - 120				
Carbon disulfide	39.76	2.0	40	0	99.4	64 - 133				
Chloromethane	20.55	1.0	20	0	103	50 - 139				
cis-1,2-Dichloroethene	20.22	1.0	20	0	101	78 - 123				
Dichlorodifluoromethane	21.84	1.0	20	0	109	32 - 152				
Ethylbenzene	20.54	1.0	20	0	103	79 - 121				
Isopropylbenzene	20.28	1.0	20	0	101	72 - 131				
m,p-Xylene	40.83	2.0	40	0	102	80 - 121				
Methyl tert-butyl ether	16.65	1.0	20	0	83.3	71 - 124				
Methylene chloride	20.08	2.0	20	0	100	74 - 124				
Naphthalene	18.81	1.0	20	0	94.0	61 - 128				
n-Butylbenzene	20.04	1.0	20	0	100	75 - 128				
n-Propylbenzene	19.3	1.0	20	0	96.5	76 - 126				
o-Xylene	20.17	1.0	20	0	101	78 - 122				
sec-Butylbenzene	19.43	1.0	20	0	97.1	77 - 126				
tert-Butylbenzene	24.05	1.0	20	0	120	78 - 124				
Tetrachloroethene	20.02	1.0	20	0	100	74 - 129				
Toluene	19.75	1.0	20	0	98.7	80 - 121				
trans-1,2-Dichloroethene	20.38	1.0	20	0	102	75 - 124				
Trichloroethene	20.65	1.0	20	0	103	79 - 123				
Trichlorofluoromethane	19.8	1.0	20	0	99.0	65 - 141				
Vinyl chloride	19.96	1.0	20	0	99.8	58 - 137				
Xylenes, Total	60.99	1.0	60	0	102	78 - 122				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

QC BATCH REPORT

Batch ID: R376447 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

LCS Sample ID: **VLCSW-210115** Units: **ug/L** Analysis Date: **15-Jan-2021 17:52**
Client ID: Run ID: **VOA6_376447** SeqNo: **5921370** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	*51.42*	*1.0*	*50*	*0*	*103*	*81 - 118*				
Surr: 4-Bromofluorobenzene	*53.28*	*1.0*	*50*	*0*	*107*	*85 - 114*				
Surr: Dibromofluoromethane	*50.54*	*1.0*	*50*	*0*	*101*	*80 - 119*				
Surr: Toluene-d8	*50.2*	*1.0*	*50*	*0*	*100*	*89 - 112*				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

QC BATCH REPORT

Batch ID: R376447 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MS Sample ID: **HS21010577-01MS** Units: **ug/L** Analysis Date: **16-Jan-2021 00:11**
Client ID: **106MW2S-LTM-011321** Run ID: **VOA6_376447** SeqNo: **5921382** PrepDate: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,2-Trichloroethane	878.1	50	1000	0	87.8	80 - 119				
1,2,4-Trichlorobenzene	890.4	50	1000	0	89.0	69 - 130				
1,2-Dibromoethane	889.6	50	1000	0	89.0	77 - 121				
1,2-Dichloroethane	826	50	1000	0	82.6	73 - 128				
1,3,5-Trimethylbenzene	1040	50	1000	60.72	97.9	75 - 124				
2-Butanone	1401	100	2000	0	70.0	56 - 143				
2-Chlorotoluene	957.5	50	1000	0	95.8	79 - 122				
2-Hexanone	1494	100	2000	0	74.7	57 - 139				
4-Isopropyltoluene	1090	50	1000	0	109	77 - 127				
4-Methyl-2-pentanone	1550	100	2000	0	77.5	67 - 130				
Acetone	1251	100	2000	0	62.6	39 - 160				
Benzene	3280	50	1000	2348	93.2	79 - 120				
Carbon disulfide	1726	100	2000	0	86.3	64 - 133				
Chloromethane	861.9	50	1000	0	86.2	50 - 139				
cis-1,2-Dichloroethene	857.3	50	1000	0	85.7	78 - 123				
Dichlorodifluoromethane	925.6	50	1000	0	92.6	32 - 152				
Ethylbenzene	1626	50	1000	633.5	99.2	79 - 121				
Isopropylbenzene	1094	50	1000	103.4	99.1	72 - 131				
m,p-Xylene	3181	100	2000	1185	99.8	80 - 121				
Methyl tert-butyl ether	729.3	50	1000	0	72.9	71 - 124				
Methylene chloride	832.6	100	1000	0	83.3	74 - 124				
Naphthalene	1013	50	1000	106.5	90.7	61 - 128				
n-Butylbenzene	1009	50	1000	0	101	75 - 128				
n-Propylbenzene	1061	50	1000	64.39	99.7	76 - 126				
o-Xylene	1659	50	1000	684.1	97.5	78 - 122				
sec-Butylbenzene	1052	50	1000	0	105	77 - 126				
tert-Butylbenzene	1263	50	1000	0	126	78 - 124				S
Tetrachloroethene	1020	50	1000	0	102	74 - 129				
Toluene	1030	50	1000	0	103	80 - 121				
trans-1,2-Dichloroethene	883.9	50	1000	0	88.4	75 - 124				
Trichloroethene	930.7	50	1000	0	93.1	79 - 123				
Trichlorofluoromethane	951.3	50	1000	0	95.1	65 - 141				
Vinyl chloride	903.7	50	1000	0	90.4	58 - 137				
Xylenes, Total	4840	50	3000	1869	99.0	78 - 122				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

QC BATCH REPORT

Batch ID: R376447 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MS Sample ID: **HS21010577-01MS** Units: **ug/L** Analysis Date: **16-Jan-2021 00:11**
Client ID: **106MW2S-LTM-011321** Run ID: **VOA6_376447** SeqNo: **5921382** PrepDate: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	*2155*	*50*	*2500*	*0*	*86.2*	*81 - 118*				
Surr: 4-Bromofluorobenzene	*2509*	*50*	*2500*	*0*	*100*	*85 - 114*				
Surr: Dibromofluoromethane	*2325*	*50*	*2500*	*0*	*93.0*	*80 - 119*				
Surr: Toluene-d8	*2504*	*50*	*2500*	*0*	*100*	*89 - 112*				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

QC BATCH REPORT

Batch ID: R376447 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MSD Sample ID: **HS21010577-01MSD** Units: **ug/L** Analysis Date: **16-Jan-2021 00:32**
Client ID: **106MW2S-LTM-011321** Run ID: **VOA6_376447** SeqNo: **5921383** PrepDate: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,2-Trichloroethane	841.3	50	1000	0	84.1	80 - 119	878.1	4.28	20	
1,2,4-Trichlorobenzene	874.1	50	1000	0	87.4	69 - 130	890.4	1.84	20	
1,2-Dibromoethane	861.2	50	1000	0	86.1	77 - 121	889.6	3.25	20	
1,2-Dichloroethane	813.1	50	1000	0	81.3	73 - 128	826	1.57	20	
1,3,5-Trimethylbenzene	995.5	50	1000	60.72	93.5	75 - 124	1040	4.32	20	
2-Butanone	1455	100	2000	0	72.8	56 - 143	1401	3.8	20	
2-Chlorotoluene	927.1	50	1000	0	92.7	79 - 122	957.5	3.22	20	
2-Hexanone	1573	100	2000	0	78.7	57 - 139	1494	5.15	20	
4-Isopropyltoluene	1051	50	1000	0	105	77 - 127	1090	3.63	20	
4-Methyl-2-pentanone	1543	100	2000	0	77.2	67 - 130	1550	0.459	20	
Acetone	1229	100	2000	0	61.5	39 - 160	1251	1.76	20	
Benzene	3105	50	1000	2348	75.8	79 - 120	3280	5.47	20	S
Carbon disulfide	1645	100	2000	0	82.2	64 - 133	1726	4.81	20	
Chloromethane	826.9	50	1000	0	82.7	50 - 139	861.9	4.14	20	
cis-1,2-Dichloroethene	822.7	50	1000	0	82.3	78 - 123	857.3	4.12	20	
Dichlorodifluoromethane	934	50	1000	0	93.4	32 - 152	925.6	0.905	20	
Ethylbenzene	1568	50	1000	633.5	93.5	79 - 121	1626	3.61	20	
Isopropylbenzene	1056	50	1000	103.4	95.2	72 - 131	1094	3.57	20	
m,p-Xylene	3029	100	2000	1185	92.2	80 - 121	3181	4.89	20	
Methyl tert-butyl ether	738.2	50	1000	0	73.8	71 - 124	729.3	1.22	20	
Methylene chloride	813.9	100	1000	0	81.4	74 - 124	832.6	2.28	20	
Naphthalene	949.2	50	1000	106.5	84.3	61 - 128	1013	6.54	20	
n-Butylbenzene	964.4	50	1000	0	96.4	75 - 128	1009	4.48	20	
n-Propylbenzene	999.4	50	1000	64.39	93.5	76 - 126	1061	6.01	20	
o-Xylene	1600	50	1000	684.1	91.6	78 - 122	1659	3.62	20	
sec-Butylbenzene	990.3	50	1000	0	99.0	77 - 126	1052	6.03	20	
tert-Butylbenzene	1200	50	1000	0	120	78 - 124	1263	5.13	20	
Tetrachloroethene	966.9	50	1000	0	96.7	74 - 129	1020	5.32	20	
Toluene	915.8	50	1000	0	91.6	80 - 121	1030	11.7	20	
trans-1,2-Dichloroethene	852.5	50	1000	0	85.3	75 - 124	883.9	3.61	20	
Trichloroethene	870.3	50	1000	0	87.0	79 - 123	930.7	6.7	20	
Trichlorofluoromethane	878	50	1000	0	87.8	65 - 141	951.3	8.01	20	
Vinyl chloride	846.7	50	1000	0	84.7	58 - 137	903.7	6.51	20	
Xylenes, Total	4629	50	3000	1869	92.0	78 - 122	4840	4.45	20	

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

QC BATCH REPORT

Batch ID: R376447 (0) **Instrument:** VOA6 **Method:** VOLATILES ORGANICS BY METHOD 8260C

MSD Sample ID: **HS21010577-01MSD** Units: **ug/L** Analysis Date: **16-Jan-2021 00:32**
Client ID: **106MW2S-LTM-011321** Run ID: **VOA6_376447** SeqNo: **5921383** PrepDate: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	*2184*	*50*	*2500*	*0*	*87.4*	*81 - 118*	*2155*	*1.35*	*20*	
Surr: 4-Bromofluorobenzene	*2574*	*50*	*2500*	*0*	*103*	*85 - 114*	*2509*	*2.56*	*20*	
Surr: Dibromofluoromethane	*2295*	*50*	*2500*	*0*	*91.8*	*80 - 119*	*2325*	*1.29*	*20*	
Surr: Toluene-d8	*2494*	*50*	*2500*	*0*	*99.8*	*89 - 112*	*2504*	*0.391*	*20*	

The following samples were analyzed in this batch: HS21010577-01 HS21010577-02

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

QC BATCH REPORT

Batch ID: R376508 (0) **Instrument:** UV-2450 **Method:** ORTHO PHOSPHATE (PO4) AS P BY E365.3

MBLK Sample ID: **MBLK-R376508** Units: **mg/L** Analysis Date: **15-Jan-2021 11:00**
Client ID: Run ID: **UV-2450_376508** SeqNo: **5922272** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Dissolved Orthophosphate (As P)	0.0250	0.0250								U

The following samples were analyzed in this batch: HS21010577-01

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

QC BATCH REPORT

Batch ID: R376518 (0) **Instrument: ManTech01** **Method: ALKALINITY BY SM2320B**

MBLK Sample ID: **WBLKW1-210118** Units: **mg/L** Analysis Date: **18-Jan-2021 18:13**
Client ID: Run ID: **ManTech01_376518** SeqNo: **5922537** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	5.00	5.00								U

LCS Sample ID: **LCS1-210118** Units: **mg/L** Analysis Date: **18-Jan-2021 18:22**
Client ID: Run ID: **ManTech01_376518** SeqNo: **5922538** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	989.4	5.00	1000	0	98.9	85 - 115				

LCSD Sample ID: **LCSD1-210118** Units: **mg/L** Analysis Date: **18-Jan-2021 18:31**
Client ID: Run ID: **ManTech01_376518** SeqNo: **5922539** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	995.4	5.00	1000	0	99.5	85 - 115	989.4	0.611	20	

DUP Sample ID: **HS21010577-01DUP** Units: **mg/L** Analysis Date: **18-Jan-2021 18:45**
Client ID: **106MW2S-LTM-011321** Run ID: **ManTech01_376518** SeqNo: **5922541** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	496.3	5.00					499.8	0.697	20	

The following samples were analyzed in this batch: HS21010577-01

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

QC BATCH REPORT

Batch ID: R376558 (0) **Instrument:** ICS-Integrion **Method:** ANIONS BY SW9056A

MBLK Sample ID: **MBLK-011521** Units: **mg/L** Analysis Date: **15-Jan-2021 11:37**
Client ID: Run ID: **ICS-Integrion_376558** SeqNo: **5923542** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Bromide	0.100	0.100								U
Chloride	0.500	0.500								U
Nitrogen, Nitrate (As N)	0.100	0.100								U
Nitrogen, Nitrite (As N)	0.100	0.100								U
Sulfate	0.500	0.500								U

LCS Sample ID: **LCS-011521** Units: **mg/L** Analysis Date: **15-Jan-2021 11:55**
Client ID: Run ID: **ICS-Integrion_376558** SeqNo: **5923543** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Bromide	3.647	0.100	4	0	91.2	80 - 120				
Chloride	20.48	0.500	20	0	102	80 - 120				
Nitrogen, Nitrate (As N)	4.047	0.100	4	0	101	80 - 120				
Nitrogen, Nitrite (As N)	4.311	0.100	4	0	108	80 - 120				
Sulfate	20.34	0.500	20	0	102	80 - 120				

MS Sample ID: **HS21010577-01MS** Units: **mg/L** Analysis Date: **15-Jan-2021 20:43**
Client ID: **106MW2S-LTM-011321** Run ID: **ICS-Integrion_376558** SeqNo: **5923550** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Bromide	3.73	0.100	2	1.658	104	80 - 120				
Chloride	76.7	0.500	10	66.8	98.9	80 - 120				O
Nitrogen, Nitrate (As N)	2.078	0.100	2	0.0857	99.6	80 - 120				
Nitrogen, Nitrite (As N)	2.213	0.100	2	0	111	80 - 120				
Sulfate	10.76	0.500	10	0.6928	101	80 - 120				

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

QC BATCH REPORT

Batch ID: R376558 (0) **Instrument:** ICS-Integrion **Method:** ANIONS BY SW9056A

MSD Sample ID: **HS21010577-01MSD** Units: **mg/L** Analysis Date: **15-Jan-2021 21:01**
Client ID: **106MW2S-LTM-011321** Run ID: **ICS-Integrion_376558** SeqNo: **5923551** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Bromide	3.58	0.100	2	1.658	96.1	80 - 120	3.73	4.11	20	
Chloride	75.9	0.500	10	66.8	90.9	80 - 120	76.7	1.05	20	O
Nitrogen, Nitrate (As N)	2.047	0.100	2	0.0857	98.1	80 - 120	2.078	1.51	20	
Nitrogen, Nitrite (As N)	2.182	0.100	2	0	109	80 - 120	2.213	1.41	20	
Sulfate	10.5	0.500	10	0.6928	98.1	80 - 120	10.76	2.47	20	

The following samples were analyzed in this batch: HS21010577-01

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: **HS21010577**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

ALS Houston, US Date: 27-Jan-21

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	20-030-0	26-Mar-2021
California	2919, 2020-2021	30-Apr-2021
Dept of Defense	PJLA L20-507	22-Dec-2021
Florida	E87611-30-07/01/2020	30-Jun-2021
Illinois	2000322020-4	09-May-2021
Kansas	E-10352 2020-2021	31-Jul-2021
Kentucky	123043, 2020-2021	30-Apr-2021
Louisiana	03087, 2020-2021	30-Jun-2021
North Carolina	624-2021	31-Dec-2021
North Dakota	R-193 2020-2021	30-Apr-2021
Oklahoma	2020-165	31-Aug-2021
Texas	T104704231-20-26	30-Apr-2021

ALS Houston, US Date: 27-Jan-21

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
Work Order: HS21010577

SAMPLE TRACKING

Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS21010577-01	106MW2S-LTM-011321	Login	1/15/2021 12:35:34 PM	PMG	MET075
HS21010577-01	106MW2S-LTM-011321	Login	1/15/2021 12:35:34 PM	PMG	MET075
HS21010577-01	106MW2S-LTM-011321	Login	1/15/2021 12:35:34 PM	PMG	WET392
HS21010577-01	106MW2S-LTM-011321	Login	1/15/2021 12:35:34 PM	PMG	Sub
HS21010577-01	106MW2S-LTM-011321	Login	1/15/2021 12:35:34 PM	PMG	WET392
HS21010577-01	106MW2S-LTM-011321	Login	1/15/2021 12:35:34 PM	PMG	VOA028
HS21010577-01	106MW2S-LTM-011321	Login	1/15/2021 12:35:34 PM	PMG	RSK036
HS21010577-02	TB-011321	Login	1/15/2021 12:35:34 PM	PMG	VOA028

ALS Houston, US Date: 27-Jan-21

Sample Receipt Checklist

Work Order ID: HS21010577 **Date/Time Received:** 15-Jan-2021 09:50
Client Name: CBI-Houston **Received by:** Nilesh D. Ranchod

Completed By: /S/ Paresh M. Giga (eSignature) 15-Jan-2021 12:38 (Date/Time) **Reviewed by:** /S/ RJ Modashia (eSignature) 15-Jan-2021 14:42 (Date/Time)

Matrices: **GW/Water** Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:014
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	1.0C U/C	IR31	
Cooler(s)/Kit(s):	46763		
Date/Time sample(s) sent to storage:	1/15/2021 12:55		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:			

Login Notes: Samples received out of hold by the time we triaged. Proceeded with analysis.

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

APTIM

CHAIN OF CUSTODY

Reference Document # 501397-GW- 014

GW Sampling - ALS Houston

Project Manager: Kathleen Romalia

Send Report To: Susan Huang
Phone Number: 925-288-2099
Address: 4005 Port Chicago Hwy
City: Concord, CA 94520
susan.huang@aptim.com

Sampler's Name(s): C. LaChance

Project Number: 501397
Project Name / Location: KAFB ROS
Purchase Order #: 207025
Shipment Date: 1/13/21
FedEx UPS Number: 771308389196

Lab Destination: ALS Environmental
Mon-Fri DELIVERY
10450 Stancliff Road, Suite 210
Houston, TX 77099
Lab Contact Name: RJ Modashia
Phone #: 281-530-5656

Sample ID Number	Location	Date	Time	Method	Matrix	# of containers	Preservative / Container	Dissolved Fe and Mn (SW6020) HNO3 125 mL PE	Total Lead (SW6020) HNO3 125 mL PE	EDB (SW8011) Ice 3X40 mL VOAs	VOCs (SW8260B) HCl 3X40 mL VOAs	Anions (Chloride, sulfate, nitrate-nitrite, and bromide) (EPA 9056)/ Alkalinity (SM2320B) Ice 125 mL PE	Dissolved O-Phosphate (EPA Method 365.3) Ice 250 mL PE	Iodide (EPA Method 300.0) Ice 250 mL PE
106MW2S-LTM-011321	KAFB-106MW2-S	1/13/21	1030	G	GW	11	—	X	X	X	X	X	X	X
106MW2S-LTM-011321-MS	"	1/13/21	1030	G	GW	11	—	X	X	X	X	X	X	X
106MW2S-LTM-011321-MSD	"	1/13/21	1030	G	GW	11	—	X	X	X	X	X	X	X
TB-011321	Trip Blank	1/13/21	0900	—	—	2	—				X			

CQL

Turnaround Time: Standard 21 Day ☐ 24-hr ☐ 48-hr
All Methods ☐ 3-day

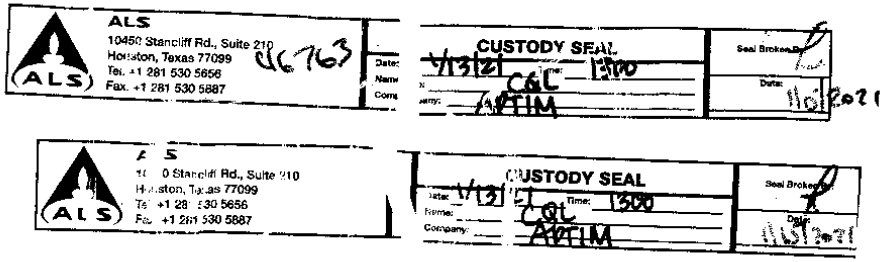
Level Of QC Required: I II (III) IV Project Specific (unless IV requested)

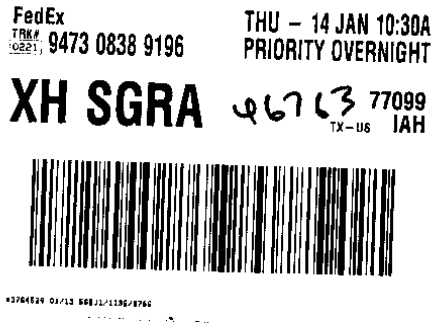
Relinquished By: [signature] Date: 1/13/21 Time: 1300
Received By: [signature] Date: 1/15/21 Time: 09:45
Relinquished By: Date: Time:
Received By: Date: Time:

Waste from MC 1-0
1RX31 cloth

HS21010577

Aptim Environmental & Infrastructure, Inc.
KAFB ROS


ALS
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887
CUSTODY SEAL
Seal Broken
Date:
Time:
Name:
Company:
C&C
ATTIM
CUSTODY SEAL
Seal Broken
Date:
Time:
Name:
Company:
C&C
ATTIM


FedEx
TRK# 9473 0838 9196
THU – 14 JAN 10:30A
PRIORITY OVERNIGHT
XH SGRA
77099
TX-US IAH

20-Jan-2021

RJ Modashia
ALS Group USA, Corp.
10450 Stancliff Road
Suite 210
Houston, TX 77099-4338

Re: **HS21010577** Work Order: **21010448**

Dear RJ,

ALS Environmental received 1 sample on 16-Jan-2021 09:58 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 7.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Shawn Smythe

Electronically approved by: Shawn Smythe

Shawn Smythe
Project Manager

Report of Laboratory Analysis

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company
Environmental www.alsglobal.com
RIGHT SOLUTIONS RIGHT PARTNER

ALS Environmental

Date: 20-Jan-21

Client: ALS Group USA, Corp.
Project: HS21010577
Work Order: **21010448**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
21010448-01	106MW2S-LTM-011321	Wastewater		1/13/2021 10:30	1/16/2021 09:58	☐

ALS Environmental

Date: 20-Jan-21

Client: ALS Group USA, Corp.
Project: HS21010577
Work Order: 21010448

Case Narrative

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Results relate only to the items tested and are not blank corrected unless indicated.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

ALS is an EPA recognized NLLAP laboratory for lead paint, soil, and dust wipe analyses under its AIHA-LAP accreditation.

ALS Environmental

Date: *20-Jan-21*

Client: ALS Group USA, Corp.
Project: HS21010577 **Work Order:** 21010448
Sample ID: 106MW2S-LTM-011321 **Lab ID:** 21010448-01
Collection Date: 1/13/2021 10:30 AM **Matrix:** WASTEWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
IODIDE BY EPA 300 MOD.			**E300.0**			Analyst: **SRL**
Iodide	**5.5**		**0.20**	**mg/L**	1	1/18/2021 08:46 PM

Note:

ALS Environmental

Date: 20-Jan-21

Client: ALS Group USA, Corp.
Work Order: 21010448
Project: HS21010577

QC BATCH REPORT

Batch ID: **72206** Instrument ID **IC1** Method: **E300.0**

MBLK	Sample ID: **MBLK-72206-72206**			Units: **mg/L**			Analysis Date: **1/18/2021 05:03 PM**			
Client ID:	Run ID: **IC1_210118A**			SeqNo: **2383474**			Prep Date: **1/18/2021**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iodide	ND	0.20								

LCS	Sample ID: **LCS-72206-72206**			Units: **mg/L**			Analysis Date: **1/18/2021 05:16 PM**			
Client ID:	Run ID: **IC1_210118A**			SeqNo: **2383475**			Prep Date: **1/18/2021**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iodide	10.11	0.20	10	0	101	70-130	0			

LCSD	Sample ID: **LCSD-72206-72206**			Units: **mg/L**			Analysis Date: **1/18/2021 05:28 PM**			
Client ID:	Run ID: **IC1_210118A**			SeqNo: **2383476**			Prep Date: **1/18/2021**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iodide	10.65	0.20	10	0	106	70-130	10.11	5.23	20	

MS	Sample ID: **21010448-01A MS**			Units: **mg/L**			Analysis Date: **1/18/2021 08:58 PM**			
Client ID: **106MW2S-LTM-011321**	Run ID: **IC1_210118A**			SeqNo: **2383491**			Prep Date: **1/18/2021**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iodide	16.53	0.20	10	5.498	110	70-130	0			

MSD	Sample ID: **21010448-01A MSD**			Units: **mg/L**			Analysis Date: **1/18/2021 09:11 PM**			
Client ID: **106MW2S-LTM-011321**	Run ID: **IC1_210118A**			SeqNo: **2383492**			Prep Date: **1/18/2021**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iodide	16.1	0.20	10	5.498	106	70-130	16.53	2.64	20	

The following samples were analyzed in this batch: 21010448-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

ALS Environmental

Date: 20-Jan-21

Client: ALS Group USA, Corp.
Project: HS21010577
WorkOrder: **21010448**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported	Description
mg/L	

ALS Environmental

Sample Receipt Checklist

Client Name: **ALS-HOUSTON** Date/Time Received: **16-Jan-21 09:58**

Work Order: **21010448** Received by: **SRM**

Checklist completed by Stephanie H arrington (eSignature) 18-Jan-21 (Date) Reviewed by: Shawn Smythe (eSignature) 18-Jan-21 (Date)

Matrices:

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	2.0		
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

21010498

10450 Stancliff Rd, Ste 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887
www.alsglobal.com

Subcontract Chain of Custody

SAMPLING STATE: Dept of Defense **COC ID:** 15496

SUBCONTRACT TO:

ALS Laboratory Group-Cincinnati
4388 Glendale-Milford Road
Cincinnati, OH 45242

Phone: +1 513 733 5336

CUSTOMER INFORMATION:

Company: ALS Houston
Contact: RJ Modashia
Address: 10450 Stancliff Rd, Ste 210
Phone: +1 281 530 5656
Email: RJ.Modashia@alsglobal.com
Alternate Contact:
Email:

INVOICE INFORMATION:

Company: ALS Houston
Contact: Accounts Payable
Address: 10450 Stancliff Rd, Ste 210
Phone: +1 281 530 5656
Reference: HS21010577
TSR: Sonia West

	LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	COLLECT DATE
	ANALYSIS REQUESTED			DUE DATE
1.	**HS21010577-01**	**106MW2S-LTM-011321**	**Groundwater**	**13 Jan 2021 10:30**
	Sub_Iodide			29 Jan 2021

Comments: Please analyze for the analysis listed above.
Send report to the emails shown above.
HS21010577 = MS/MSD

QC Level: DOD III (DoD Level III)

Relinquished By: J Montgomery **Date/Time:** 1/15/2021 1800
Received By: **Date/Time:** 1/16/21 958
Cooler ID(s): **Temperature(s):** 2.0C° Ice FR# 119059

15 Jan 2021 RIGHT SOLUTIONS | RIGHT PARTNER

Fedex
Custody Seal

HS21010577 8260_W_DOD Forms

ALS WO# HS21010577

MSVOA06 -Logbook

Batch: 43226 **Analyst:** Devak Giga

Date: 01-07-2021 **Reviewer:**

Method: 8260_W_DOD **Laboratory:** Houston

Comments:

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
1	BFB	BFB	01-07-2021 11:04 am	1.00	0.00 mL	0.00 mL	X010701.D	Liquid	Y	NA
2	VSTD000.25	CALIB_1	01-07-2021 11:25 am	1.00	5.00 mL	0.00 mL	X010702.D	Liquid	Y	NA
3	VSTD000.5	CALIB_2	01-07-2021 12:07 pm	1.00	5.00 mL	0.00 mL	X010703.D	Liquid	Y	NA
4	VSTD001	CALIB_3	01-07-2021 12:28 pm	1.00	5.00 mL	0.00 mL	X010704.D	Liquid	Y	NA
5	VSTD002	CALIB_4	01-07-2021 12:49 pm	1.00	5.00 mL	0.00 mL	X010705.D	Liquid	Y	NA
6	VSTD005	CALIB_5	01-07-2021 01:10 pm	1.00	5.00 mL	0.00 mL	X010706.D	Liquid	Y	NA
7	VSTD020	CALIB_6	01-07-2021 01:31 pm	1.00	5.00 mL	0.00 mL	X010707.D	Liquid	Y	NA
8	VSTD050	CALIB_7	01-07-2021 01:51 pm	1.00	5.00 mL	0.00 mL	X010708.D	Liquid	Y	NA
9	VSTD100	CALIB_8	01-07-2021 02:12 pm	1.00	5.00 mL	0.00 mL	X010709.D	Liquid	Y	NA
10	VSTD150	CALIB_9	01-07-2021 02:33 pm	1.00	5.00 mL	0.00 mL	X010710.D	Liquid	Y	NA
11	VSTD200	CALIB_10	01-07-2021 02:54 pm	1.00	5.00 mL	0.00 mL	X010711.D	Liquid	Y	NA
12	BLANK	SAMP	01-07-2021 03:15 pm	1.00	5.00 mL	0.00 mL	X010712.D	Liquid	Y	NA
13	ICV	METHSPIKI	01-07-2021 03:36 pm	1.00	5.00 mL	0.00 mL	X010713.D	Liquid	Y	NA
14	BLANK	SAMP	01-07-2021 03:57 pm	1.00	5.00 mL	0.00 mL	X010714.D	Liquid	Y	NA
15	CCB	SAMP	01-07-2021 04:18 pm	1.00	5.00 mL	0.00 mL	X010715.D	Liquid	Y	NA
16	VLCSW-210107	LCS	01-07-2021 04:39 pm	1.00	5.00 mL	0.00 mL	X010716.D	Liquid	Y	NA
17	BLANK	SAMP	01-07-2021 05:00 pm	1.00	5.00 mL	0.00 mL	X010717.D	Liquid	Y	NA
18	BLANK	SAMP	01-07-2021 05:21 pm	1.00	5.00 mL	0.00 mL	X010718.D	Liquid	Y	NA
19	VBLKW-210107	MBLK	01-07-2021 05:42 pm	1.00	5.00 mL	0.00 mL	X010719.D	Liquid	Y	NA
20	HS20100273-13	SAMP	01-07-2021 06:03 pm	1.00	5.00 mL	0.00 mL	X010720.D	Liquid	Y	NA
21	HS20100273-14	SAMP	01-07-2021 06:24 pm	1.00	5.00 mL	0.00 mL	X010721.D	Liquid	Y	NA
22	HS20100273-15	SAMP	01-07-2021 06:45 pm	1.00	5.00 mL	0.00 mL	X010722.D	Liquid	Y	NA
23	HS20100273-16	SAMP	01-07-2021 07:06 pm	1.00	5.00 mL	0.00 mL	X010723.D	Liquid	Y	NA
24	HS21010128-05	SAMP	01-07-2021 07:27 pm	1.00	5.00 mL	0.00 mL	X010724.D	Liquid	Y	NA
25	HS20121361-02	SAMP	01-07-2021 07:48 pm	1.00	5.00 mL	0.00 mL	X010725.D	Liquid	Y	NA
26	HS20121361-01	SAMP	01-07-2021 08:09 pm	1.00	5.00 mL	0.00 mL	X010726.D	Liquid	Y	NA
27	HS20121361-01MS	MS	01-07-2021 08:30 pm	1.00	5.00 mL	0.00 mL	X010727.D	Liquid	Y	NA
28	HS20121361-01MSD	MSD	01-07-2021 08:51 pm	1.00	5.00 mL	0.00 mL	X010728.D	Liquid	Y	NA
29	CCV-END	CCV	01-07-2021 09:12 pm	1.00	5.00 mL	0.00 mL	X010729.D	Liquid	Y	NA

FORM 3
WATER VOLATILE METHOD SPIKE RECOVERY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Matrix Spike - Sample No.: ICV

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE AMOUNT ()	% REC #	QC. LIMITS REC.
cis-1,2-Dichloroethene	50.00	45.67	91	80-120
Chloromethane	50.00	43.97	88	80-120
1,2-Dibromoethane	50.00	46.22	92	80-120
Vinyl Chloride	50.00	44.10	88	80-120
Trichlorofluoromethane	50.00	42.75	86	80-120
Trichloroethene	50.00	45.31	91	80-120
trans-1,2-Dichloroethen	50.00	45.34	91	80-120
1,1,2-Trichloroethane	50.00	44.84	90	80-120
1,2,4-Trichlorobenzene	50.00	50.88	102	80-120
1,3,5-Trimethylbenzene	50.00	41.53	83	80-120
2-Butanone	100.00	92.02	92	80-120
2-Chlorotoluene	50.00	40.86	82	80-120
2-Hexanone	100.00	83.82	84	80-120
Toluene	50.00	44.65	89	80-120
4-Methyl-2-Pentanone	100.00	82.85	83	80-120
Acetone	100.00	101.17	101	80-120
Benzene	50.00	44.00	88	80-120
Carbon Disulfide	100.00	87.97	88	80-120
1,2-Dichloroethane	50.00	41.82	84	80-120
Dichlorodifluoromethane	50.00	43.98	88	80-120
Ethylbenzene	50.00	43.35	87	80-120
Isopropylbenzene	50.00	40.84	82	80-120
m,p-Xylenes	100.00	88.82	89	80-120
Tetrachloroethene	50.00	42.84	86	80-120
Methylene Chloride	50.00	44.69	89	80-120
n-Butylbenzene	50.00	42.71	85	80-120
n-Propylbenzene	50.00	40.33	81	80-120
Naphthalene	50.00	56.76	114	80-120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM III VOA

FORM 3
WATER VOLATILE METHOD SPIKE RECOVERY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Matrix Spike - Sample No.: ICV

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE AMOUNT ()	% REC #	QC. LIMITS REC.
o-Xylene	50.00	43.77	88	80-120
sec-Butylbenzene	50.00	40.67	81	80-120
tert-Butylbenzene	50.00	45.37	91	80-120
p-Isopropyltoluene	50.00	41.65	83	80-120
Xylenes (total)	150.00	132.60	88	80-120
Methyl tert-butyl ether	50.00	40.49	81	80-120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM III VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Lab File ID: X010701 BFB Injection Date: 01/07/21

Instrument ID: VOA6 BFB Injection Time: 1104

GC Column: DB624 ID: 0.25 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.1
75	30.0 - 60.0% of mass 95	54.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.7 (1.2)1
174	Greater than 50.0% of mass 95	58.8
175	5.0 - 9.0% of mass 174	4.4 (7.4)1
176	95.0 - 101.0% of mass 174	56.1 (95.3)1
177	5.0 - 9.0% of mass 176	4.2 (7.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD000.25	VSTD000.25	X010702	01/07/21	1125
02	VSTD000.5	VSTD000.5	X010703	01/07/21	1207
03	VSTD001	VSTD001	X010704	01/07/21	1228
04	VSTD002	VSTD002	X010705	01/07/21	1249
05	VSTD005	VSTD005	X010706	01/07/21	1310
06	VSTD020	VSTD020	X010707	01/07/21	1331
07	VSTD050	VSTD050	X010708	01/07/21	1351
08	VSTD100	VSTD100	X010709	01/07/21	1412
09	VSTD150	VSTD150	X010710	01/07/21	1433
10	VSTD200	VSTD200	X010711	01/07/21	1454
11	ICV	ICV	X010713	01/07/21	1536
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

page 1 of 1

FORM V VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Instrument ID: VOA6 Calibration Date(s): 01/07/21 01/07/21

Column: DB624 ID: 0.18 (mm) Calibration Time(s): 1125 1454

LAB FILE ID: RF0.25: X010702 RF0.5: X010703 RF1: X010704
RF2: X010705 RF5: X010706 RF20: X010707

COMPOUND	RF0.25	RF0.5	RF1	RF2	RF5	RF20
Chloromethane		3312	6094	11422	28591	102273
1,2-Dibromoethane		0.420	0.415	0.380	0.407	0.382
Vinyl Chloride		0.837	0.882	0.836	0.721	0.728
Trichlorofluoromethane		1.142	1.292	1.179	1.171	1.125
Trichloroethene		0.406	0.396	0.368	0.337	0.326
trans-1,2-Dichloroethene		0.643	0.655	0.598	0.560	0.558
1,1,2-Trichloroethane		0.326	0.370	0.334	0.332	0.308
1,2,4-Trichlorobenzene		0.654	0.623	0.534	0.493	0.492
1,3,5-Trimethylbenzene		3.222	2.820	2.791	2.446	2.570
2-Butanone		0.209	0.193	0.210	0.234	0.223
2-Chlorotoluene		2.946	3.044	2.497	2.412	2.357
2-Hexanone		0.239	0.244	0.229	0.243	0.228
Toluene		1.742	1.595	1.594	1.530	1.470
4-Methyl-2-Pentanone		0.323	0.354	0.348	0.354	0.338
Acetone		4860	5248	7745	16434	54036
Benzene		1.365	1.501	1.442	1.394	1.320
Carbon Disulfide		2.010	1.922	1.762	1.673	1.641
1,2-Dichloroethane		0.594	0.584	0.520	0.560	0.523
Dichlorodifluoromethane		2333	5528	9551	21996	87185
Ethylbenzene		0.570	0.522	0.494	0.492	0.476
Isopropylbenzene		1.691	1.525	1.571	1.330	1.368
m,p-Xylenes		0.645	0.623	0.622	0.592	0.590
Tetrachloroethene		0.341	0.317	0.272	0.280	0.269
Methylene Chloride		0.692	0.765	0.740	0.651	0.634
n-Butylbenzene		2.677	2.593	2.479	2.151	2.380
n-Propylbenzene		4.823	4.489	4.147	3.669	3.863
Naphthalene		0.970	0.879	0.757	0.790	0.841
o-Xylene		0.588	0.673	0.608	0.606	0.570
sec-Butylbenzene		3.637	3.632	3.248	2.764	2.927
tert-Butylbenzene		7668	12622	23805	52819	225005
p-Isopropyltoluene		2.938	2.886	2.776	2.318	2.440
Xylenes (total)		0.575	0.587	0.573	0.557	0.544
Methyl tert-butyl ether		2.214	2.054	2.038	1.882	1.876
4-Bromofluorobenzene		4587	9807	12193	35000	119751
Dibromofluoromethane		3130	5022	9006	25757	94268
1,2-Dichloroethane-d4		3989	6322	11099	29493	112778
Toluene-d8		1.589	1.371	1.219	1.364	1.279

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS2101057

Instrument ID: VOA6 Calibration Date(s): 01/07/21 01/07/21

Column: DB624 ID: 0.18 (mm) Calibration Time(s): 1125 1454

LAB FILE ID: RF50: X010708 RF100: X010709 RF150: X010710
RF200: X010711

COMPOUND	RF50	RF100	RF150	RF200
Chloromethane	248829	516147	776469	1089831
1,2-Dibromoethane	0.378	0.383	0.377	0.377
Vinyl Chloride	0.727	0.836	0.804	0.839
Trichlorofluoromethane	1.025	1.228	1.196	1.224
Trichloroethene	0.321	0.358	0.351	0.353
trans-1,2-Dichloroethene	0.572	0.611	0.599	0.627
1,1,2-Trichloroethane	0.310	0.302	0.290	0.287
1,2,4-Trichlorobenzene	0.491	0.566	0.556	0.578
1,3,5-Trimethylbenzene	2.402	2.914	2.829	2.967
2-Butanone	0.225	0.226	0.204	0.208
2-Chlorotoluene	2.203	2.480	2.397	2.436
2-Hexanone	0.210	0.215	0.206	0.207
Toluene	1.427	1.535	1.476	1.480
4-Methyl-2-Pentanone	0.319	0.326	0.310	0.309
Acetone	122962	233424	348381	463410
Benzene	1.309	1.376	1.301	1.284
Carbon Disulfide	1.632	1.840	1.772	1.792
1,2-Dichloroethane	0.497	0.482	0.453	0.436
Dichlorodifluoromethane	209737	515094	807544	1101633
Ethylbenzene	0.463	0.507	0.490	0.503
Isopropylbenzene	1.289	1.537	1.459	1.526
m,p-Xylenes	0.568	0.652	0.626	0.657
Tetrachloroethene	0.243	0.293	0.278	0.281
Methylene Chloride	0.648	0.670	0.640	0.655
n-Butylbenzene	2.128	2.791	2.738	2.785
n-Propylbenzene	3.469	4.206	4.096	4.260
Naphthalene	0.852	0.927	0.955	1.003
o-Xylene	0.562	0.622	0.599	0.631
sec-Butylbenzene	2.661	3.409	3.375	3.403
tert-Butylbenzene	519237	1232911		
p-Isopropyltoluene	2.284	2.881	2.798	2.846
Xylenes (total)	0.525	0.596	0.569	0.610
Methyl tert-butyl ether	1.854	1.863	1.800	1.805
4-Bromofluorobenzene	275917	572254	834037	1161521
Dibromofluoromethane	214800	472117	692669	910875
1,2-Dichloroethane-d4	262688	531873	766328	1004385
Toluene-d8	1.194	1.299	1.214	1.173

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS2101057

Instrument ID: VOA6 Calibration Date(s): 01/07/21 01/07/21

Column: DB624 ID: 0.18 (mm) Calibration Time(s): 1125 1454

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Chloromethane	LINR	1.398e-002	1.36496685		0.9985783	0.9900000
1,2-Dibromoethane	AVRG		0.39107728		4.534	15.000
Vinyl Chloride	AVRG		0.80116375		7.502	15.000
Trichlorofluoromethane	AVRG		1.17593260		6.399	15.000
Trichloroethene	AVRG		0.35741592		8.118	15.000
trans-1,2-Dichloroethene	AVRG		0.60252330		5.826	15.000
1,1,2-Trichloroethane	AVRG		0.31759602		8.210	15.000
1,2,4-Trichlorobenzene	AVRG		0.55411096		10.574	15.000
1,3,5-Trimethylbenzene	AVRG		2.77350036		9.462	15.000
2-Butanone	AVRG		0.21460147		6.135	15.000
2-Chlorotoluene	AVRG		2.53033358		10.989	15.000
2-Hexanone	AVRG		0.22467101		6.812	15.000
Toluene	AVRG		1.53874812		6.174	15.000
4-Methyl-2-Pentanone	AVRG		0.33133725		5.382	15.000
Acetone	LINR	-9.66e-002	6.36901874		0.9996059	0.9900000
Benzene	AVRG		1.36576564		5.244	15.000
Carbon Disulfide	AVRG		1.78279725		7.142	15.000
1,2-Dichloroethane	AVRG		0.51669035		10.707	15.000
Dichlorodifluoromethane	LINR	5.305e-002	1.33015195		0.9973828	0.9900000
Ethylbenzene	AVRG		0.50203292		6.113	15.000
Isopropylbenzene	AVRG		1.47731189		8.686	15.000
m,p-Xylenes	AVRG		0.61953490		4.921	15.000
Tetrachloroethene	AVRG		0.28627773		9.978	15.000
Methylene Chloride	AVRG		0.67727927		6.839	15.000
n-Butylbenzene	AVRG		2.52459440		10.220	15.000
n-Propylbenzene	AVRG		4.11351355		9.993	15.000
Naphthalene	AVRG		0.88607610		9.466	15.000
o-Xylene	AVRG		0.60643789		5.540	15.000
sec-Butylbenzene	AVRG		3.22841144		11.179	15.000
tert-Butylbenzene	2ORDR	-1.54e-002	0.57723665	-3.16e-002	0.9992058	0.9900000
p-Isopropyltoluene	AVRG		2.68513501		9.715	15.000
Xylenes (total)	AVRG		0.57057284		4.592	15.000
Methyl tert-butyl ether	AVRG		1.93162390		7.231	15.000
4-Bromofluorobenzene	LINR	-2.38e-002	2.22607739		0.9993013	0.9900000
Dibromofluoromethane	LINR	-6.58e-003	1.59225032		0.9990465	0.9900000
1,2-Dichloroethane-d4	LINR	-2.96e-002	1.44382359		0.9986270	0.9900000
Toluene-d8	AVRG		1.30033052		9.982	15.000

FORM VI VOA

MSVOA06 -Logbook

Batch: 43254 **Analyst:** Qin Xu

Date: 01-15-2021 **Reviewer:**

Method: 8260 **Laboratory:** Houston

Comments:

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
1	BFB	TUNE	01-15-2021 04:20 pm	1.00	0.00 mL	0.00 mL	X011501.D	Liquid	Y	NA
	Auto find/purged									
2	CCV	CCV	01-15-2021 04:40 pm	1.00	5.00 mL	0.00 mL	X011502.D	Liquid	N	NA
	10 ul cal std/50 ml DI									
3	CCV	CCV	01-15-2021 05:01 pm	1.00	5.00 mL	0.00 mL	X011503.D	Liquid	Y	NA
	10 ul cal std/50 ml DI									
4	CCB	SAMP	01-15-2021 05:31 pm	1.00	5.00 mL	0.00 mL	X011504.D	Liquid	Y	NA
	ccb									
5	VLCSW-210115	LCS	01-15-2021 05:52 pm	1.00	5.00 mL	0.00 mL	X011505.D	Liquid	Y	NA
	4 ul lcs std/50 ml DI									
6	BLANK	SAMP	01-15-2021 06:13 pm	1.00	5.00 mL	0.00 mL	X011506.D	Liquid	Y	NA
	cleanup									
7	BLANK	SAMP	01-15-2021 06:34 pm	1.00	5.00 mL	0.00 mL	X011507.D	Liquid	Y	NA
	cleanup									
8	VBLKW-210115	MBLK	01-15-2021 06:55 pm	1.00	5.00 mL	0.00 mL	X011508.D	Liquid	Y	NA
9	HS21010551-02	SAMP	01-15-2021 07:16 pm	1.00	5.00 mL	0.00 mL	X011509.D	Liquid	Y	NA
10	HS21010551-01	SAMP	01-15-2021 07:37 pm	1.00	5.00 mL	0.00 mL	X011510.D	Liquid	Y	NA
11	HS21010463-05	SAMP	01-15-2021 07:58 pm	1.00	5.00 mL	0.00 mL	X011511.D	Liquid	Y	NA
12	HS21010577-02	SAMP	01-15-2021 08:19 pm	1.00	5.00 mL	0.00 mL	X011512.D	Liquid	Y	NA
13	HS21010463-01	SAMP	01-15-2021 08:40 pm	1.00	5.00 mL	0.00 mL	X011513.D	Liquid	Y	NA
14	HS21010514-15	SAMP	01-15-2021 09:02 pm	1.00	5.00 mL	0.00 mL	X011514.D	Liquid	Y	NA
15	HS21010463-02	SAMP	01-15-2021 09:23 pm	5.00	5.00 mL	0.00 mL	X011515.D	Liquid	Y	NA
16	HS21010514-16	SAMP	01-15-2021 09:44 pm	1.00	5.00 mL	0.00 mL	X011516.D	Liquid	Y	NA
17	HS21010463-04	SAMP	01-15-2021 10:05 pm	5.00	5.00 mL	0.00 mL	X011517.D	Liquid	Y	NA
18	HS21010514-17	SAMP	01-15-2021 10:26 pm	1.00	5.00 mL	0.00 mL	X011518.D	Liquid	Y	NA
19	HS21010577-01	SAMP	01-15-2021 10:47 pm	50.00	5.00 mL	0.00 mL	X011519.D	Liquid	Y	NA
20	HS21010577-01	SAMP	01-15-2021 11:08 pm	5.00	5.00 mL	0.00 mL	X011520.D	Liquid	Y	NA
21	HS21010514-18	SAMP	01-15-2021 11:29 pm	1.00	5.00 mL	0.00 mL	X011521.D	Liquid	Y	NA
22	HS21010463-03	SAMP	01-15-2021 11:50 pm	10.00	5.00 mL	0.00 mL	X011522.D	Liquid	Y	NA
23	HS21010577-01MS	MS	01-16-2021 12:11 am	50.00	5.00 mL	0.00 mL	X011523.D	Liquid	Y	NA
	4 ul cal std/50 ml sample									
24	HS21010577-01MSD	MSD	01-16-2021 12:32 am	50.00	5.00 mL	0.00 mL	X011524.D	Liquid	Y	NA
	4 ul cal std/50 ml sample									
25	HS21010463-01n/r	SAMP	01-16-2021 12:53 am	5.00	5.00 mL	0.00 mL	X011525.D	Liquid	Y	NA
26	HS21010463-02	SAMP	01-16-2021 01:14 am	25.00	5.00 mL	0.00 mL	X011526.D	Liquid	Y	NA
27	HS21010463-04n/r	SAMP	01-16-2021 01:35 am	25.00	5.00 mL	0.00 mL	X011527.D	Liquid	Y	NA
28	HS21010463-03	SAMP	01-16-2021 01:56 am	100.0(	5.00 mL	0.00 mL	X011528.D	Liquid	Y	NA
29	CCV-END	CCV	01-16-2021 02:17 am	1.00	5.00 mL	0.00 mL	X011529.D	Liquid	Y	NA
	10ul cal std/50 ml DI									
30	BFB	TUNE	01-16-2021 02:38 am	1.00	0.00 mL	0.00 mL	Y011501.D	Liquid	Y	NA
	Auto find/purged									
31	CCV	CCV	01-16-2021 02:59 am	1.00	5.00 mL	0.00 mL	Y011502.D	Liquid	N	NA
	10ul cal std/50 ml DI									
32	CCV	CCV	01-16-2021 03:20 am	1.00	5.00 mL	0.00 mL	Y011503.D	Liquid	Y	NA
	10ul cal std/50 ml DI									
33	CCB	SAMP	01-16-2021 03:41 am	1.00	5.00 mL	0.00 mL	Y011504.D	Liquid	Y	NA
	ccb									
34	VLCSW-210115	LCS	01-16-2021 04:02 am	1.00	5.00 mL	0.00 mL	Y011505.D	Liquid	Y	NA

MSVOA06 -Logbook

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
35	BLANK	SAMP	01-16-2021 04:23 am	1.00	5.00 mL	0.00 mL	Y011506.D	Liquid	Y	NA
	cleanup									
36	VBLKW-210115	MBLK	01-16-2021 04:44 am	1.00	5.00 mL	0.00 mL	Y011507.D	Liquid	Y	NA
37	MBLK-161582	MBLK	01-16-2021 05:05 am	20.00	5.00 mL	0.00 mL	Y011508.D	Liquid	Y	NA
	tclp method blank									
38	HS21010481-01	SAMP	01-16-2021 05:26 am	20.00	5.00 mL	0.00 mL	Y011509.D	Liquid	Y	NA
39	HS21010442-02	SAMP	01-16-2021 05:47 am	10.00	5.00 mL	0.00 mL	Y011510.D	Liquid	Y	NA
40	HS21010481-01MS	MS	01-16-2021 06:09 am	20.00	5.00 mL	0.00 mL	Y011511.D	Liquid	Y	NA
	4 ul cal std/50 ml sample									
41	HS21010481-01MSD	MSD	01-16-2021 06:30 am	20.00	5.00 mL	0.00 mL	Y011512.D	Liquid	Y	NA
	4 ul cal std/50 ml sample									
42	HS21010481-02	SAMP	01-16-2021 06:51 am	20.00	5.00 mL	0.00 mL	Y011513.D	Liquid	Y	NA
43	HS21010481-03	SAMP	01-16-2021 07:12 am	20.00	5.00 mL	0.00 mL	Y011514.D	Liquid	Y	NA
44	HS21010481-04	SAMP	01-16-2021 07:33 am	20.00	5.00 mL	0.00 mL	Y011515.D	Liquid	Y	NA
45	HS21010540-01	SAMP	01-16-2021 07:54 am	20.00	5.00 mL	0.00 mL	Y011516.D	Liquid	Y	NA
46	HS21010546-01	SAMP	01-16-2021 08:15 am	20.00	5.00 mL	0.00 mL	Y011517.D	Liquid	Y	NA
47	MBLK-161592	MBLK	01-16-2021 08:36 am	20.00	5.00 mL	0.00 mL	Y011518.D	Liquid	Y	NA
	tclp method blank									
48	HS21010556-02	SAMP	01-16-2021 08:57 am	20.00	5.00 mL	0.00 mL	Y011519.D	Liquid	Y	NA
49	HS21010578-01	SAMP	01-16-2021 09:18 am	20.00	5.00 mL	0.00 mL	Y011520.D	Liquid	Y	NA
50	HS21010578-02	SAMP	01-16-2021 09:39 am	20.00	5.00 mL	0.00 mL	Y011521.D	Liquid	Y	NA
51	HS21010578-03	SAMP	01-16-2021 10:00 am	20.00	5.00 mL	0.00 mL	Y011522.D	Liquid	Y	NA
52	HS21010578-04	SAMP	01-16-2021 10:21 am	20.00	5.00 mL	0.00 mL	Y011523.D	Liquid	Y	NA
53	HS21010499-01	SAMP	01-16-2021 10:42 am	1.00	5.00 mL	0.00 mL	Y011524.D	Liquid	Y	NA
54	HS21010578-04	SAMP	01-16-2021 11:03 am	100.0(	5.00 mL	0.00 mL	Y011525.D	Liquid	Y	NA
55	HS21010499-02	SAMP	01-16-2021 11:25 am	1.00	5.00 mL	0.00 mL	Y011526.D	Liquid	Y	NA
56	HS21010499-03	SAMP	01-16-2021 11:46 am	1.00	5.00 mL	0.00 mL	Y011527.D	Liquid	Y	NA
57	HS21010499-04	SAMP	01-16-2021 12:07 pm	1.00	5.00 mL	0.00 mL	Y011528.D	Liquid	Y	NA
58	HS21010581-01	SAMP	01-16-2021 12:28 pm	1.00	5.00 mL	0.00 mL	Y011529.D	Liquid	Y	NA
59	HS21010581-02	SAMP	01-16-2021 12:49 pm	1.00	5.00 mL	0.00 mL	Y011530.D	Liquid	Y	NA
60	HS21010613-01	SAMP	01-16-2021 01:10 pm	1.00	5.00 mL	0.00 mL	Y011531.D	Liquid	Y	NA
61	BLANK	SAMP	01-16-2021 01:31 pm	1.00	5.00 mL	0.00 mL	Y011532.D	Liquid	Y	NA
62	BLANK	SAMP	01-16-2021 01:52 pm	1.00	5.00 mL	0.00 mL	Y011533.D	Liquid	Y	NA

Chemical	Value
SURR SPK ID	31106-63-06
IS ID	31106-63-06
LCS/MS ID	31106-64-05
CAL STD ID	31106-64-01/02
BFB ID	31106-63-06
pH Paper	634-64-10

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

	CLIENT SAMPLE NO.	SMC1 #	SMC2 #	SMC3 (DCE) #	OTHER (TOL) #	TOT OUT
01	VLCSW-210115	106	101	103	100	0
02	VBLKW-210115	102	93	90	104	0
03	HS21010577-02	102	93	90	102	0
04	HS21010577-01	101	92	89	104	0
05	HS21010577-01MS	100	93	86	100	0
06	HS21010577-01MSD	103	92	87	100	0
07						
08						
09						
10						
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28						

		QC LIMITS
SMC1	= 4-Bromofluorobenzene	(70-130)
SMC2	= Dibromofluoromethane	(70-130)
SMC3 (DCE)	= 1,2-Dichloroethane-d4	(0-130)
OTHER(TOL)	= Toluene-d8	(0-130)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

page 1 of 1 FORM II VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.
VBLKW-210115

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Lab File ID: X011508 Lab Sample ID: VBLKW-210115

Date Analyzed: 01/15/21 Time Analyzed: 1855

GC Column: DB624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: VOA6

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VLCSW-210115	VLCSW-210115	X011505	1752
02	HS21010577-02	HS21010577-02	X011512	2019
03	HS21010577-01	HS21010577-01	X011519	2247
04	HS21010577-01MS	HS21010577-01MS	X011523	0011
05	HS21010577-01MSD	HS21010577-01MSD	X011524	0032
06				
07				
08				
09				
10				
11				
12				
13				
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29				
30				

COMMENTS:

page 1 of 1

FORM IV VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Lab File ID: X011501 BFB Injection Date: 01/15/21

Instrument ID: VOA6 BFB Injection Time: 1620

GC Column: DB624 ID: 0.25 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.5
75	30.0 - 60.0% of mass 95	48.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.9 (1.2)1
174	Greater than 50.0% of mass 95	76.0
175	5.0 - 9.0% of mass 174	5.1 (6.7)1
176	95.0 - 101.0% of mass 174	73.2 (96.3)1
177	5.0 - 9.0% of mass 176	4.7 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CCV	CCV	X011503	01/15/21	1701
02	VLCSW-210115	VLCSW-210115	X011505	01/15/21	1752
03	VBLKW-210115	VBLKW-210115	X011508	01/15/21	1855
04	HS21010577-02	HS21010577-02	X011512	01/15/21	2019
05	HS21010577-01	HS21010577-01	X011519	01/15/21	2247
06	HS21010577-01MS	HS21010577-01MS	X011523	01/16/21	0011
07	HS21010577-01MSD	HS21010577-01MSD	X011524	01/16/21	0032
08	CCV-END	CCV-END	X011529	01/16/21	0217
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

page 1 of 1

FORM V VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Instrument ID: VOA6 Calibration Date: 01/15/21 Time: 1701

Lab File ID: X011503 Init. Calib. Date(s): 01/07/21 01/07/21

Init. Calib. Times: 1125 1454

GC Column: DB624 ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	45.186038	50.000000	0.6518420	0.1	9.63	20.00	LINR
1,2-Dibromoethane	0.3910000	0.3962541	0.3962541	0.1	-1.34	20.00	AVRG
Vinyl Chloride	0.8010000	0.7427530	0.7427530	0.1	7.27	20.00	AVRG
Trichlorofluoromethane	1.1760000	1.0982718	1.0982718	0.1	6.61	20.00	AVRG
Trichloroethene	0.3570000	0.3602173	0.3602173	0.2	-0.90	20.00	AVRG
trans-1,2-Dichloroethene	0.6020000	0.5884849	0.5884849	0.1	2.24	20.00	AVRG
1,1,2-Trichloroethane	0.3180000	0.3104484	0.3104484	0.1	2.37	20.00	AVRG
1,2,4-Trichlorobenzene	0.5540000	0.5576855	0.5576855	0.1	-0.66	20.00	AVRG
1,3,5-Trimethylbenzene	2.7730000	2.6385114	2.6385114	0.1	4.85	20.00	AVRG
2-Butanone	0.2150000	0.2100490	0.2100490	0.1	2.30	20.00	AVRG
2-Chlorotoluene	2.5300000	2.3975988	2.3975988	0.1	5.23	20.00	AVRG
2-Hexanone	0.2240000	0.2029638	0.2029638	0.1	9.39	20.00	AVRG
Toluene	1.5390000	1.4963910	1.4963910	0.4	2.77	20.00	AVRG
4-Methyl-2-Pentanone	0.3310000	0.2946338	0.2946338	0.1	10.99	20.00	AVRG
Acetone	113.12922	100.00000	0.1852071	0.1	-13.13	20.00	LINR
Benzene	1.3660000	1.3115346	1.3115346	0.5	3.99	20.00	AVRG
Carbon Disulfide	1.7830000	1.6653378	1.6653378	0.1	6.60	20.00	AVRG
1,2-Dichloroethane	0.5160000	0.4523026	0.4523026	0.1	12.34	20.00	AVRG
Dichlorodifluoromethane	47.370058	50.000000	0.6723710	0.1	5.26	20.00	LINR
Ethylbenzene	0.5020000	0.4890185	0.4890185	0.1	2.58	20.00	AVRG
Isopropylbenzene	1.4770000	1.3756543	1.3756543	0.1	6.86	20.00	AVRG
m,p-Xylenes	0.6190000	0.6065481	0.6065481	0.1	2.01	20.00	AVRG
Tetrachloroethene	0.2860000	0.2764102	0.2764102	0.2	3.35	20.00	AVRG
Methylene Chloride	0.6770000	0.6364535	0.6364535	0.1	5.99	20.00	AVRG
n-Butylbenzene	2.5250000	2.3371075	2.3371075	0.5	7.44	20.00	AVRG
n-Propylbenzene	4.1140000	3.8802853	3.8802853	0.1	5.68	20.00	AVRG
Naphthalene	0.8860000	1.0036910	1.0036910	0.2	-13.28	20.00	AVRG
o-Xylene	0.6060000	0.5964580	0.5964580	0.3	1.57	20.00	AVRG
sec-Butylbenzene	3.2280000	2.9207393	2.9207393	0.1	9.52	20.00	AVRG
tert-Butylbenzene	53.034096	50.000000	2.1071995	0.1	-6.07	20.00	2RDR
p-Isopropyltoluene	2.6850000	2.4939064	2.4939064	0.1	7.12	20.00	AVRG
Xylenes (total)	0.5710000	0.5605718	0.5605718	0.1	1.83	20.00	AVRG
Methyl tert-butyl ether	1.9320000	1.5825653	1.5825653	0.1	18.09	20.00	AVRG
4-Bromofluorobenzene	48.250529	50.000000	0.4441721	0.1	3.50	20.00	LINR
Dibromofluoromethane	47.552901	50.000000	0.6014388	0.1	4.89	20.00	LINR
1,2-Dichloroethane-d4	44.208711	50.000000	0.6328970	0.1	11.58	20.00	LINR
Toluene-d8	1.3000000	1.2097231	1.2097231	0.1	6.94	20.00	AVRG

FORM VII VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Instrument ID: VOA6 Calibration Date: 01/16/21 Time: 0217

Lab File ID: X011529 Init. Calib. Date(s): 01/07/21 01/07/21

Init. Calib. Times: 1125 1454

GC Column: DB624 ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	46.994873	50.000000	0.6783457	0.1	6.01	50.00	LINR
1,2-Dibromoethane	0.3910000	0.3706506	0.3706506	0.1	5.20	50.00	AVRG
Vinyl Chloride	0.8010000	0.7735308	0.7735308	0.1	3.43	50.00	AVRG
Trichlorofluoromethane	1.1760000	1.1579380	1.1579380	0.1	1.54	50.00	AVRG
Trichloroethene	0.3570000	0.3373600	0.3373600	0.2	5.50	50.00	AVRG
trans-1,2-Dichloroethene	0.6020000	0.5859301	0.5859301	0.1	2.67	50.00	AVRG
1,1,2-Trichloroethane	0.3180000	0.2927266	0.2927266	0.1	7.95	50.00	AVRG
1,2,4-Trichlorobenzene	0.5540000	0.4997213	0.4997213	0.1	9.80	50.00	AVRG
1,3,5-Trimethylbenzene	2.7730000	2.4857545	2.4857545	0.1	10.36	50.00	AVRG
2-Butanone	0.2150000	0.2026839	0.2026839	0.1	5.73	50.00	AVRG
2-Chlorotoluene	2.5300000	2.2523448	2.2523448	0.1	10.97	50.00	AVRG
2-Hexanone	0.2240000	0.1816735	0.1816735	0.1	18.90	50.00	AVRG
Toluene	1.5390000	1.4302024	1.4302024	0.4	7.07	50.00	AVRG
4-Methyl-2-Pentanone	0.3310000	0.2736857	0.2736857	0.1	17.32	50.00	AVRG
Acetone	103.37735	100.00000	0.1698956	0.1	-3.38	50.00	LINR
Benzene	1.3660000	1.2501036	1.2501036	0.5	8.48	50.00	AVRG
Carbon Disulfide	1.7830000	1.6668240	1.6668240	0.1	6.52	50.00	AVRG
1,2-Dichloroethane	0.5160000	0.4414315	0.4414315	0.1	14.45	50.00	AVRG
Dichlorodifluoromethane	47.290597	50.000000	0.6711763	0.1	5.42	50.00	LINR
Ethylbenzene	0.5020000	0.4652192	0.4652192	0.1	7.33	50.00	AVRG
Isopropylbenzene	1.4770000	1.3348460	1.3348460	0.1	9.62	50.00	AVRG
m,p-Xylenes	0.6190000	0.5790551	0.5790551	0.1	6.45	50.00	AVRG
Tetrachloroethene	0.2860000	0.2582579	0.2582579	0.2	9.70	50.00	AVRG
Methylene Chloride	0.6770000	0.6428098	0.6428098	0.1	5.05	50.00	AVRG
n-Butylbenzene	2.5250000	2.1575231	2.1575231	0.5	14.55	50.00	AVRG
n-Propylbenzene	4.1140000	3.6340445	3.6340445	0.1	11.67	50.00	AVRG
Naphthalene	0.8860000	0.7899398	0.7899398	0.2	10.84	50.00	AVRG
o-Xylene	0.6060000	0.5680029	0.5680029	0.3	6.27	50.00	AVRG
sec-Butylbenzene	3.2280000	2.8365402	2.8365402	0.1	12.13	50.00	AVRG
tert-Butylbenzene	51.529231	50.000000	2.0397461	0.1	-3.06	50.00	2RDR
p-Isopropyltoluene	2.6850000	2.3530081	2.3530081	0.1	12.36	50.00	AVRG
Xylenes (total)	0.5710000	0.5302640	0.5302640	0.1	7.13	50.00	AVRG
Methyl tert-butyl ether	1.9320000	1.5492936	1.5492936	0.1	19.81	50.00	AVRG
4-Bromofluorobenzene	51.213624	50.000000	0.4707938	0.1	-2.43	50.00	LINR
Dibromofluoromethane	51.601576	50.000000	0.6522935	0.1	-3.20	50.00	LINR
1,2-Dichloroethane-d4	48.306527	50.000000	0.6896604	0.1	3.39	50.00	LINR
Toluene-d8	1.3000000	1.2419246	1.2419246	0.1	4.47	50.00	AVRG

FORM VII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Lab File ID (Standard): X011503 Date Analyzed: 01/15/21

Instrument ID: VOA6 Time Analyzed: 1701

GC Column: DB624 ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(DCB) AREA #	RT #	IS2(CBZ) AREA #	RT #	IS3(DFB) AREA #	RT #
	12 HOUR STD	292604	9.66	686610	7.67	738804	4.96
	UPPER LIMIT	585208	10.16	1373220	8.17	1477608	5.46
	LOWER LIMIT	146302	9.16	343305	7.17	369402	4.46
	CLIENT SAMPLE NO.						
01	VLCSW-210115	297278	9.66	649307	7.67	693260	4.96
02	VBLKW-210115	319456	9.66	740088	7.67	832350	4.96
03	HS21010577-02	325661	9.66	782923	7.67	876996	4.96
04	HS21010577-01	321031	9.66	756345	7.67	858225	4.96
05	HS21010577-01MS	328235	9.66	772385	7.67	848838	4.96
06	HS21010577-01MSD	338405	9.66	772311	7.67	846857	4.96
07							
08							
09							
10							
11							
12							
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14							
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16							
17							
18							
19							
20							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DFB) = 1,4-Difluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

page 1 of 2

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Lab File ID (Standard): X011503 Date Analyzed: 01/15/21

Instrument ID: VOA6 Time Analyzed: 1701

GC Column: DB624 ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4 AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	419795	4.18				
	UPPER LIMIT	839590	4.68				
	LOWER LIMIT	209898	3.68				
	CLIENT SAMPLE NO.						
01	VLCSW-210115	390148	4.18				
02	VBLKW-210115	492676	4.18				
03	HS21010577-02	519287	4.18				
04	HS21010577-01	506077	4.18				
05	HS21010577-01MS	498218	4.18				
06	HS21010577-01MSD	497652	4.18				
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 = Pentafluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

page 2 of 2

FORM VIII VOA

HS21010577 8011_W_DOD Forms

ALS WO# HS21010577

PREP BATCH REPORT

Batch ID: **161670**
Prep Code: **8011_WPR**
InitSampWt/Vol 0
FinSampVol: 35
Start Date: **18-Jan-21 11:30 am**
End Date: **18-Jan-21 02:00 pm**
OriginalFac: 1
Technician:
PrepUnitFac: 1

SampID	Frac	Matrix	pH	Init Wt/Vol	FinalVol (mL)	PrepFac	SpkFac	Failsafe	TestDueDate	Comments
HS21010391-01	B	Groundwa		35	36.46	1.042	1	01-22-21	01-27-21	
HS21010391-02	B	Groundwa		35	36.7	1.049	1	01-22-21	01-27-21	
HS21010391-03	B	Groundwa		35	36.76	1.05	1	01-22-21	01-27-21	
HS21010391-04	B	Groundwa		35	37.1	1.06	1	01-22-21	01-27-21	
HS21010391-05	B	Groundwa		35	37	1.057	1	01-22-21	01-27-21	
HS21010452-03	A	Water		35	35	1	1	01-25-21	01-27-21	
HS21010452-04	A	Water		35	35	1	1	01-25-21	01-27-21	
HS21010463-01	B	Groundwa		35	37.12	1.061	1	01-22-21	01-27-21	
HS21010463-02	B	Groundwa		35	36.46	1.042	1	01-22-21	01-27-21	
HS21010463-03	B	Groundwa		35	36.47	1.042	1	01-22-21	01-27-21	
HS21010463-04	B	Groundwa		35	36.64	1.047	1	01-22-21	01-27-21	
HS21010577-01	B	Groundwa		35	36.67	1.048	1	01-27-21	01-29-21	
HS21010577-01MS	A			35	36.22	1.035	1			
HS21010577-01MSD	A			35	37.08	1.059	1			
LCS-161670	A			35	35	1	1			
LCSD-161670	A			35	35	1	1			
MBLK-161670	A			35	35	1	1			

PREP BATCH REPORT

Batch ID:	**161670**	Prep Code:	**8011_WPR**	InitSampWt/Vol	0
				FinSampVol:	35
Start Date:	**18-Jan-21 11:30 am**	End Date:	**18-Jan-21 02:00 pm**	OriginalFac:	1
Technician:				PrepUnitFac:	1

ECD-15 -Logbook

Batch: 43074 **Analyst:** Johnnie Allen
Date: 12-22-2020 **Reviewer:**
Method: 8011_W **Laboratory:** Houston
Comments:

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
1	HEX	SAMP	12-22-2020 10:11 am	1.00	35.00 mL	2.00 mL	001.D	Liquid	Y	NA
2	HEX	SAMP	12-22-2020 10:35 am	1.00	35.00 mL	2.00 mL	002.D	Liquid	Y	NA
3	HEX	SAMP	12-22-2020 10:59 am	1.00	35.00 mL	2.00 mL	003.D	Liquid	Y	NA
4	HEX	SAMP	12-22-2020 11:23 am	1.00	35.00 mL	2.00 mL	004.D	Liquid	Y	NA
5	HEX	SAMP	12-22-2020 11:47 am	1.00	35.00 mL	2.00 mL	005.D	Liquid	Y	NA
6	HEX	SAMP	12-22-2020 12:11 pm	1.00	35.00 mL	2.00 mL	006.D	Liquid	Y	NA
7	HEX	SAMP	12-22-2020 12:36 pm	1.00	35.00 mL	2.00 mL	007.D	Liquid	Y	NA
8	HEX	SAMP	12-22-2020 01:00 pm	1.00	35.00 mL	2.00 mL	008.D	Liquid	Y	NA
9	EDB-L1	ICAL1	12-22-2020 01:24 pm	1.00	35.00 mL	2.00 mL	009.D	Liquid	Y	NA
10	EDB-L2	ICAL2	12-22-2020 01:48 pm	1.00	35.00 mL	2.00 mL	010.D	Liquid	Y	NA
11	EDB-L3	ICAL3	12-22-2020 02:12 pm	1.00	35.00 mL	2.00 mL	011.D	Liquid	Y	NA
12	EDB-L4	ICAL4	12-22-2020 02:37 pm	1.00	35.00 mL	2.00 mL	012.D	Liquid	Y	NA
13	EDB-L5	ICAL5	12-22-2020 03:02 pm	1.00	35.00 mL	2.00 mL	013.D	Liquid	Y	NA
14	EDB-L6	ICAL6	12-22-2020 03:27 pm	1.00	35.00 mL	2.00 mL	014.D	Liquid	Y	NA
15	EDB-ICV	ICV	12-22-2020 03:51 pm	1.00	35.00 mL	2.00 mL	015.D	Liquid	Y	NA
16	EDB-CCV	CCV	12-22-2020 04:15 pm	1.00	35.00 mL	2.00 mL	016.D	Liquid	Y	NA
17	CCB	SAMP	12-22-2020 04:40 pm	1.00	35.00 mL	2.00 mL	017.D	Liquid	Y	NA
18	MBLK-160934	MBLK	12-22-2020 05:04 pm	1.00	35.00 mL	2.00 mL	018.D	Liquid	Y	NA
19	LCS-160934	LCS	12-22-2020 05:28 pm	1.00	35.00 mL	2.00 mL	019.D	Liquid	Y	NA
20	LCSD-160934	LCSD	12-22-2020 05:52 pm	1.00	35.00 mL	2.00 mL	020.D	Liquid	Y	NA
21	HS20120913-16	SAMP	12-22-2020 06:16 pm	1.00	35.00 mL	2.00 mL	021.D	Liquid	Y	NA
22	HS20120913-16MS	MS	12-22-2020 06:40 pm	1.00	35.00 mL	2.00 mL	022.D	Liquid	Y	NA
23	HS20120913-16MSD	MSD	12-22-2020 07:04 pm	1.00	35.00 mL	2.00 mL	023.D	Liquid	Y	NA
24	HS20120913-01	SAMP	12-22-2020 07:28 pm	1.00	35.00 mL	2.00 mL	024.D	Liquid	Y	NA
25	HS20120913-02	SAMP	12-22-2020 07:52 pm	1.00	35.00 mL	2.00 mL	025.D	Liquid	Y	NA
26	HS20120913-03	SAMP	12-22-2020 08:16 pm	1.00	35.00 mL	2.00 mL	026.D	Liquid	Y	NA
27	HEX	SAMP	12-22-2020 08:40 pm	1.00	35.00 mL	2.00 mL	027.D	Liquid	Y	NA
28	EDB-CCV	CCV	12-22-2020 09:05 pm	1.00	35.00 mL	2.00 mL	028.D	Liquid	Y	NA
29	CCB	SAMP	12-22-2020 09:29 pm	1.00	35.00 mL	2.00 mL	029.D	Liquid	Y	NA
30	HS20120913-04	SAMP	12-22-2020 09:53 pm	1.00	35.00 mL	2.00 mL	030.D	Liquid	Y	NA
31	HS20120913-05	SAMP	12-22-2020 10:17 pm	1.00	35.00 mL	2.00 mL	031.D	Liquid	Y	NA
32	HS20120913-06	SAMP	12-22-2020 10:41 pm	1.00	35.00 mL	2.00 mL	032.D	Liquid	Y	NA
33	HS20120913-07	SAMP	12-22-2020 11:05 pm	1.00	35.00 mL	2.00 mL	033.D	Liquid	Y	NA
34	HS20120913-08	SAMP	12-22-2020 11:29 pm	1.00	35.00 mL	2.00 mL	034.D	Liquid	Y	NA
35	HS20120913-09	SAMP	12-22-2020 11:54 pm	1.00	35.00 mL	2.00 mL	035.D	Liquid	Y	NA
36	HS20120913-10	SAMP	12-23-2020 12:18 am	1.00	35.00 mL	2.00 mL	036.D	Liquid	Y	NA
37	HS20120913-11	SAMP	12-23-2020 12:42 am	1.00	35.00 mL	2.00 mL	037.D	Liquid	Y	NA
38	HS20120913-12	SAMP	12-23-2020 01:06 am	1.00	35.00 mL	2.00 mL	038.D	Liquid	Y	NA
39	HEX	SAMP	12-23-2020 01:31 am	1.00	35.00 mL	2.00 mL	039.D	Liquid	Y	NA
40	EDB-CCV	CCV	12-23-2020 01:55 am	1.00	35.00 mL	2.00 mL	040.D	Liquid	Y	NA
41	CCB	SAMP	12-23-2020 02:19 am	1.00	35.00 mL	2.00 mL	041.D	Liquid	Y	NA

ECD-15 -Logbook

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
42	HS20120913-13	SAMP	12-23-2020 02:43 am	1.00	35.00 mL	2.00 mL	042.D	Liquid	Y	NA
43	HS20120913-14	SAMP	12-23-2020 03:08 am	1.00	35.00 mL	2.00 mL	043.D	Liquid	Y	NA
44	HS20120913-15	SAMP	12-23-2020 03:32 am	1.00	35.00 mL	2.00 mL	044.D	Liquid	Y	NA
45	HS20120913-17	SAMP	12-23-2020 03:56 am	1.00	35.00 mL	2.00 mL	045.D	Liquid	Y	NA
46	HS20120913-18	SAMP	12-23-2020 04:20 am	1.00	35.00 mL	2.00 mL	046.D	Liquid	Y	NA
47	HS20120732-01	SAMP	12-23-2020 04:45 am	1.00	35.00 mL	2.00 mL	047.D	Liquid	Y	NA
48	HS20120732-02	SAMP	12-23-2020 05:09 am	1.00	35.00 mL	2.00 mL	048.D	Liquid	Y	NA
49	MBLK-160935	MBLK	12-23-2020 05:33 am	1.00	35.00 mL	2.00 mL	049.D	Liquid	Y	NA
50	LCS-160935	LCS	12-23-2020 05:57 am	1.00	35.00 mL	2.00 mL	050.D	Liquid	Y	NA
51	LCSD-160935	LCSD	12-23-2020 06:22 am	1.00	35.00 mL	2.00 mL	051.D	Liquid	Y	NA
52	EDB-CCV	CCV	12-23-2020 06:46 am	1.00	35.00 mL	2.00 mL	052.D	Liquid	Y	NA
53	CCB	SAMP	12-23-2020 07:10 am	1.00	35.00 mL	2.00 mL	053.D	Liquid	Y	NA
54	HS20120732-03	SAMP	12-23-2020 07:34 am	1.00	35.00 mL	2.00 mL	054.D	Liquid	Y	NA
55	HS20120732-04	SAMP	12-23-2020 07:59 am	1.00	35.00 mL	2.00 mL	055.D	Liquid	Y	NA
56	HS20120732-05	SAMP	12-23-2020 08:23 am	1.00	35.00 mL	2.00 mL	056.D	Liquid	Y	NA
57	HS20120732-07	SAMP	12-23-2020 08:47 am	1.00	35.00 mL	2.00 mL	057.D	Liquid	Y	NA
58	HS20120732-08	SAMP	12-23-2020 09:11 am	1.00	35.00 mL	2.00 mL	058.D	Liquid	Y	NA
59	HS20120732-09	SAMP	12-23-2020 09:35 am	1.00	35.00 mL	2.00 mL	059.D	Liquid	Y	NA
60	HS20120875-01	SAMP	12-23-2020 09:59 am	1.00	35.00 mL	2.00 mL	060.D	Liquid	Y	NA
61	HS20120875-02	SAMP	12-23-2020 10:24 am	1.00	35.00 mL	2.00 mL	061.D	Liquid	Y	NA
62	HS20120875-03	SAMP	12-23-2020 10:48 am	1.00	35.00 mL	2.00 mL	062.D	Liquid	Y	NA
63	HEX	SAMP	12-23-2020 11:12 am	1.00	35.00 mL	2.00 mL	063.D	Liquid	Y	NA
64	EDB-CCV	CCV	12-23-2020 11:36 am	1.00	35.00 mL	2.00 mL	064.D	Liquid	Y	NA
65	CCB	SAMP	12-23-2020 01:14 pm	1.00	35.00 mL	2.00 mL	065A.D	Liquid	Y	NA
66	HS20120875-04	SAMP	12-23-2020 01:38 pm	1.00	35.00 mL	2.00 mL	066.D	Liquid	Y	NA
67	HS20120875-05	SAMP	12-23-2020 02:03 pm	1.00	35.00 mL	2.00 mL	067.D	Liquid	Y	NA
68	HS20120875-06	SAMP	12-23-2020 02:27 pm	1.00	35.00 mL	2.00 mL	068.D	Liquid	Y	NA
69	HS20120875-07	SAMP	12-23-2020 02:51 pm	1.00	35.00 mL	2.00 mL	069.D	Liquid	Y	NA
70	HS20120875-08	SAMP	12-23-2020 03:15 pm	1.00	35.00 mL	2.00 mL	070.D	Liquid	Y	NA
71	HS20120875-10	SAMP	12-23-2020 03:39 pm	1.00	35.00 mL	2.00 mL	071.D	Liquid	Y	NA
72	HS20120875-11	SAMP	12-23-2020 04:03 pm	1.00	35.00 mL	2.00 mL	072.D	Liquid	Y	NA
73	HS20120875-12	SAMP	12-23-2020 04:27 pm	1.00	35.00 mL	2.00 mL	073.D	Liquid	Y	NA
74	HS20120875-13	SAMP	12-23-2020 04:51 pm	1.00	35.00 mL	2.00 mL	074.D	Liquid	Y	NA
75	HEX	SAMP	12-23-2020 05:15 pm	1.00	35.00 mL	2.00 mL	075.D	Liquid	Y	NA
76	EDB-CCV	CCV	12-23-2020 05:39 pm	1.00	35.00 mL	2.00 mL	076.D	Liquid	Y	NA
77	CCB	SAMP	12-23-2020 06:03 pm	1.00	35.00 mL	2.00 mL	077.D	Liquid	Y	NA
78	HS20120875-14	SAMP	12-23-2020 06:27 pm	1.00	35.00 mL	2.00 mL	078.D	Liquid	Y	NA
79	HS20120875-15	SAMP	12-23-2020 06:50 pm	1.00	35.00 mL	2.00 mL	079.D	Liquid	Y	NA
80	MBLK-160936	MBLK	12-23-2020 07:14 pm	1.00	35.00 mL	2.00 mL	080.D	Liquid	Y	NA
81	LCS-160936	LCS	12-23-2020 07:38 pm	1.00	35.00 mL	2.00 mL	081.D	Liquid	Y	NA
82	LCSD-160936	LCSD	12-23-2020 08:02 pm	1.00	35.00 mL	2.00 mL	082.D	Liquid	Y	NA
83	HS20120875-17	SAMP	12-23-2020 08:26 pm	1.00	35.00 mL	2.00 mL	083.D	Liquid	Y	NA
84	HS20120875-18	SAMP	12-23-2020 08:50 pm	1.00	35.00 mL	2.00 mL	084.D	Liquid	Y	NA
85	HS20120875-19	SAMP	12-23-2020 09:14 pm	1.00	35.00 mL	2.00 mL	085.D	Liquid	Y	NA
86	HS20120875-20	SAMP	12-23-2020 09:38 pm	1.00	35.00 mL	2.00 mL	086.D	Liquid	Y	NA

ECD-15 -Logbook

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
87	HEX	SAMP	12-23-2020 10:03 pm	1.00	35.00 mL	2.00 mL	087.D	Liquid	Y	NA
88	EDB-CCV	CCV	12-23-2020 10:27 pm	1.00	35.00 mL	2.00 mL	088.D	Liquid	Y	NA
89	CCB	SAMP	12-23-2020 10:51 pm	1.00	35.00 mL	2.00 mL	089.D	Liquid	Y	NA
90	HS20120875-22	SAMP	12-23-2020 11:15 pm	1.00	35.00 mL	2.00 mL	090.D	Liquid	Y	NA
91	HS20120875-23	SAMP	12-23-2020 11:40 pm	1.00	35.00 mL	2.00 mL	091.D	Liquid	Y	NA
92	HS20120875-24	SAMP	12-24-2020 12:04 am	1.00	35.00 mL	2.00 mL	092.D	Liquid	Y	NA
93	HS20120875-25	SAMP	12-24-2020 12:28 am	1.00	35.00 mL	2.00 mL	093.D	Liquid	Y	NA
94	HS20120875-26	SAMP	12-24-2020 12:53 am	1.00	35.00 mL	2.00 mL	094.D	Liquid	Y	NA
95	HS20120875-27	SAMP	12-24-2020 01:17 am	1.00	35.00 mL	2.00 mL	095.D	Liquid	Y	NA
96	HS20120875-28	SAMP	12-24-2020 01:41 am	1.00	35.00 mL	2.00 mL	096.D	Liquid	Y	NA
97	HS20120960-01	SAMP	12-24-2020 02:05 am	1.00	35.00 mL	2.00 mL	097.D	Liquid	Y	NA
98	HS20120960-02	SAMP	12-24-2020 02:29 am	1.00	35.00 mL	2.00 mL	098.D	Liquid	Y	NA
99	HEX	SAMP	12-24-2020 02:53 am	1.00	35.00 mL	2.00 mL	099.D	Liquid	Y	NA
100	EDB-CCV	CCV	12-24-2020 03:17 am	1.00	35.00 mL	2.00 mL	100.D	Liquid	Y	NA
101	CCB	SAMP	12-24-2020 03:42 am	1.00	35.00 mL	2.00 mL	101.D	Liquid	Y	NA
102	HS20120960-03	SAMP	12-24-2020 04:06 am	1.00	35.00 mL	2.00 mL	102.D	Liquid	Y	NA
103	HS20120960-04	SAMP	12-24-2020 04:29 am	1.00	35.00 mL	2.00 mL	103.D	Liquid	Y	NA
104	HS20120960-05	SAMP	12-24-2020 04:53 am	1.00	35.00 mL	2.00 mL	104.D	Liquid	Y	NA
105	HS20120960-06	SAMP	12-24-2020 05:17 am	1.00	35.00 mL	2.00 mL	105.D	Liquid	Y	NA
106	HS20120960-07	SAMP	12-24-2020 05:41 am	1.00	35.00 mL	2.00 mL	106.D	Liquid	Y	NA
107	HS20120960-08	SAMP	12-24-2020 06:05 am	1.00	35.00 mL	2.00 mL	107.D	Liquid	Y	NA
108	HS20120960-10	SAMP	12-24-2020 06:29 am	1.00	35.00 mL	2.00 mL	108.D	Liquid	Y	NA
109	HEX	SAMP	12-24-2020 06:53 am	1.00	35.00 mL	2.00 mL	109.D	Liquid	Y	NA
110	EDB-CCV	CCV	12-24-2020 07:16 am	1.00	35.00 mL	2.00 mL	110.D	Liquid	Y	NA
111	CCB	SAMP	12-24-2020 07:40 am	1.00	35.00 mL	2.00 mL	111.D	Liquid	Y	NA
112	HEX	SAMP	12-28-2020 09:45 am	1.00	35.00 mL	2.00 mL	112.D	Liquid	Y	NA
113	EDB-CCV	SAMP	12-28-2020 10:09 am	1.00	35.00 mL	2.00 mL	113.D	Liquid	Y	NA
114	CCB	SAMP	12-28-2020 10:33 am	1.00	35.00 mL	2.00 mL	114.D	Liquid	Y	NA
115	HS20120913-14	SAMP	12-28-2020 10:58 am	4000.0	35.00 mL	2.00 mL	115.D	Liquid	Y	NA
116	HS20120913-17	SAMP	12-28-2020 11:22 am	40.00	35.00 mL	2.00 mL	116.D	Liquid	Y	NA
117	EDB-CCV	CCV	12-28-2020 11:46 am	1.00	35.00 mL	2.00 mL	117.D	Liquid	Y	NA
118	CCB	SAMP	12-28-2020 12:10 pm	1.00	35.00 mL	2.00 mL	118.D	Liquid	Y	NA
119	HS20120913-14	SAMP	12-28-2020 12:53 pm	20000.(	35.00 mL	2.00 mL	119.D	Liquid	Y	NA
120	EDB-CCV	CCV	12-28-2020 01:17 pm	1.00	35.00 mL	2.00 mL	120.D	Liquid	Y	NA
121	CCB	SAMP	12-28-2020 01:41 pm	1.00	35.00 mL	2.00 mL	121.D	Liquid	Y	NA

FORM 3
WATER OTHER METHOD SPIKE RECOVERY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Matrix Spike - Sample No.: EDB-ICV

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE AMOUNT ()	% REC #	QC. LIMITS REC.
TCP	0.100000	0.097740	98	70-130
DBCP	0.100000	0.096283	96	70-130
EDB	0.100000	0.097369	97	70-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM III OTHER

FORM 3
WATER OTHER METHOD SPIKE RECOVERY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Matrix Spike - Sample No.: EDB-ICV

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE AMOUNT ()	% REC #	QC. LIMITS REC.
EDB	0.100000	0.094870	95	70-130
DBCP	0.100000	0.091480	91	70-130
TCP	0.100000	0.097368	97	70-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM III OTHER

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Instrument ID: ECD-15 Calibration Date(s): 12/22/20 12/22/20

Column: RTX-CLP ID: 0.50 (mm) Calibration Time(s): 1324 1527

LAB FILE ID: RF0.02: 009 RF0.04: 010 RF0.1: 011
RF0.2: 012 RF0.3: 013 RF0.4: 014

COMPOUND	RF0.02	RF0.04	RF0.1	RF0.2	RF0.3	RF0.4
TCP	55900.000	58325.000	64480.000	62015.000	59866.667	61107.500
DBCP	1233050.0	1144000.0	1068260.0	1042845.0	1028506.7	1031842.5
EDB	578650.00	555125.00	543000.00	543600.00	544183.33	539915.00

FORM VI OTHER

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS2101057

Instrument ID: ECD-15 Calibration Date(s): 12/22/20 12/22/20

Column: RTX-CLP ID: 0.50 (mm) Calibration Time(s): 1324 1527

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2
TCP	AVRG	60282.3611	4.950	20.000
DBCP	AVRG	1091417.36	7.469	20.000
EDB	AVRG	550745.556	2.655	20.000

FORM VI OTHER

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Instrument ID: ECD-15 Calibration Date(s): 12/22/20 12/22/20

Column: RTX-CLP2 ID: 0.50 (mm) Calibration Time(s): 1324 1527

LAB FILE ID: RF0.02: 009 RF0.04: 010 RF0.1: 011
RF0.2: 012 RF0.3: 013 RF0.4: 014

COMPOUND	RF0.02	RF0.04	RF0.1	RF0.2	RF0.3	RF0.4
EDB	264650.00	264125.00	261570.00	259095.00	257620.00	261077.50
DBCP	627200.00	598525.00	592800.00	549470.00	538753.33	540477.50
TCP	39850.000	37200.000	36490.000	37355.000	37040.000	37537.500

FORM VI OTHER

FORM 6
OTHER INITIAL CALIBRATION DATA

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS2101057

Instrument ID: ECD-15 Calibration Date(s): 12/22/20 12/22/20

Column: RTX-CLP2 ID: 0.50 (mm) Calibration Time(s): 1324 1527

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2	MAX %RSD OR R^2
EDB	AVRG	261356.250	1.051	20.000
DBCP	AVRG	574537.639	6.396	20.000
TCP	AVRG	37578.7500	3.110	20.000

FORM VI OTHER

ECD-15 -Logbook

Batch: 43070 **Analyst:** Johnnie Allen
Date: 01-18-2021 **Reviewer:**
Method: 8011_W **Laboratory:** Houston
Comments:

#	Samp ID	Type	Analyzed	DF	Init Wt/Vol	Final Vol	File ID	Matrix	Status	pH
1	HEX	SAMP	01-18-2021 03:21 pm	1.00	35.00 mL	2.00 mL	001.D	Liquid	Y	NA
2	HEX	SAMP	01-18-2021 03:45 pm	1.00	35.00 mL	2.00 mL	002.D	Liquid	Y	NA
3	HEX	SAMP	01-18-2021 04:09 pm	1.00	35.00 mL	2.00 mL	003.D	Liquid	Y	NA
4	HEX	SAMP	01-18-2021 04:34 pm	1.00	35.00 mL	2.00 mL	004.D	Liquid	Y	NA
5	HEX	SAMP	01-18-2021 04:58 pm	1.00	35.00 mL	2.00 mL	005.D	Liquid	Y	NA
6	HEX	SAMP	01-18-2021 05:23 pm	1.00	35.00 mL	2.00 mL	006.D	Liquid	Y	NA
7	EDB-ICV	ICV	01-18-2021 06:07 pm	1.00	35.00 mL	2.00 mL	007.D	Liquid	Y	NA
8	EDB-CCV	CCV	01-18-2021 06:31 pm	1.00	35.00 mL	2.00 mL	008.D	Liquid	Y	NA
9	CCB	SAMP	01-18-2021 06:56 pm	1.00	35.00 mL	2.00 mL	009.D	Liquid	Y	NA
10	MBLK-161670	MBLK	01-18-2021 07:20 pm	1.00	35.00 mL	2.00 mL	010.D	Liquid	Y	NA
11	LCS-161670	LCS	01-18-2021 07:45 pm	1.00	35.00 mL	2.00 mL	011.D	Liquid	Y	NA
12	LCSD-161670	LCSD	01-18-2021 08:09 pm	1.00	35.00 mL	2.00 mL	012.D	Liquid	Y	NA
13	HS21010577-01	SAMP	01-18-2021 08:33 pm	1.00	35.00 mL	2.00 mL	013.D	Liquid	Y	NA
14	HS21010577-01MS	MS	01-18-2021 08:58 pm	1.00	35.00 mL	2.00 mL	014.D	Liquid	Y	NA
15	HS21010577-01MSD	MSD	01-18-2021 09:22 pm	1.00	35.00 mL	2.00 mL	015.D	Liquid	Y	NA
16	HS21010391-01	SAMP	01-18-2021 09:47 pm	1.00	35.00 mL	2.00 mL	016.D	Liquid	Y	NA
17	HS21010391-02	SAMP	01-18-2021 10:11 pm	1.00	35.00 mL	2.00 mL	017.D	Liquid	Y	NA
18	HS21010391-03	SAMP	01-18-2021 10:35 pm	1.00	35.00 mL	2.00 mL	018.D	Liquid	Y	NA
19	HEX	SAMP	01-18-2021 11:00 pm	1.00	35.00 mL	2.00 mL	019.D	Liquid	Y	NA
20	EDB-CCV	CCV	01-18-2021 11:24 pm	1.00	35.00 mL	2.00 mL	020.D	Liquid	Y	NA
21	CCB	SAMP	01-18-2021 11:49 pm	1.00	35.00 mL	2.00 mL	021.D	Liquid	Y	NA
22	HS21010452-03	SAMP	01-19-2021 12:13 am	1.00	35.00 mL	2.00 mL	022.D	Liquid	Y	NA
23	HS21010452-04	SAMP	01-19-2021 12:37 am	1.00	35.00 mL	2.00 mL	023.D	Liquid	Y	NA
24	HS21010391-04	SAMP	01-19-2021 01:02 am	1.00	35.00 mL	2.00 mL	024.D	Liquid	Y	NA
25	HS21010391-05	SAMP	01-19-2021 01:26 am	1.00	35.00 mL	2.00 mL	025.D	Liquid	Y	NA
26	HS21010463-01	SAMP	01-19-2021 01:51 am	1.00	35.00 mL	2.00 mL	026.D	Liquid	Y	NA
27	HS21010463-02	SAMP	01-19-2021 02:15 am	1.00	35.00 mL	2.00 mL	027.D	Liquid	Y	NA
28	HS21010463-03	SAMP	01-19-2021 02:40 am	1.00	35.00 mL	2.00 mL	028.D	Liquid	Y	NA
29	HS21010463-04	SAMP	01-19-2021 03:04 am	1.00	35.00 mL	2.00 mL	029.D	Liquid	Y	NA
30	HEX	SAMP	01-19-2021 03:28 am	1.00	35.00 mL	2.00 mL	030.D	Liquid	Y	NA
31	EDB-CCV	CCV	01-19-2021 03:53 am	1.00	35.00 mL	2.00 mL	031.D	Liquid	Y	NA
32	CCB	SAMP	01-19-2021 04:17 am	1.00	35.00 mL	2.00 mL	032.D	Liquid	Y	NA

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Instrument ID: ECD-15 Calibration Date: 01/18/21 Time: 1831

Lab File ID: 008 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
TCP	60282.361	53415.000	0.001	11.39	30.00	AVRG
DBCP	1091417.4	932295.00	0.001	14.58	30.00	AVRG
EDB	550745.56	481245.00	0.001	12.62	30.00	AVRG

FORM VII OTHER

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Instrument ID: ECD-15 Calibration Date: 01/18/21 Time: 1831

Lab File ID: 008 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP2 ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
EDB	261356.25	264835.00	0.001	-1.33	30.00	AVRG
DBCP	574537.64	519035.00	0.001	9.66	30.00	AVRG
TCP	37578.750	36885.000	0.001	1.85	30.00	AVRG

FORM VII OTHER

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Instrument ID: ECD-15 Calibration Date: 01/18/21 Time: 2324

Lab File ID: 020 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
TCP	60282.361	55950.000	0.001	7.19	30.00	AVRG
DBCP	1091417.4	873985.00	0.001	19.92	30.00	AVRG
EDB	550745.56	456320.00	0.001	17.14	30.00	AVRG

FORM VII OTHER

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Instrument ID: ECD-15 Calibration Date: 01/18/21 Time: 2324

Lab File ID: 020 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP2 ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
EDB	261356.25	239570.00	0.001	8.34	30.00	AVRG
DBCP	574537.64	524240.00	0.001	8.75	30.00	AVRG
TCP	37578.750	35735.000	0.001	4.91	30.00	AVRG

FORM VII OTHER

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Instrument ID: ECD-15 Calibration Date: 01/19/21 Time: 0353

Lab File ID: 031 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
TCP	60282.361	55815.000	0.001	7.41	30.00	AVRG
DBCP	1091417.4	1190735.0	0.001	-9.10	30.00	AVRG
EDB	550745.56	478440.00	0.001	13.13	30.00	AVRG

FORM VII OTHER

FORM 7B
OTHER CALIBRATION VERIFICATION SUMMARY

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Instrument ID: ECD-15 Calibration Date: 01/19/21 Time: 0353

Lab File ID: 031 Init. Calib. Date(s): 12/22/20 12/22/20

Init. Calib. Times: 1324 1527

GC Column: RTX-CLP2 ID: 0.50 (mm)

COMPOUND	RRF OR AMOUNT	RRF0.2000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
EDB	261356.25	270845.00	0.001	-3.63	30.00	AVRG
DBCP	574537.64	472520.00	0.001	17.76	30.00	AVRG
TCP	37578.750	32945.000	0.001	12.33	30.00	AVRG

FORM VII OTHER

FORM 10
OTHER IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
HS21010577-01

Lab Name: ALS HOUSTON Contract:

Lab Code: Case No.: SAS No.: SDG No.: HS21010577

Lab Sample ID: HS21010577-01 Date(s) Analyzed: 01/18/21 01/18/21

Instrument ID (1): ECD-15 Instrument ID (2): ECD-15

GC Column(1): RTX-CLP ID: 0.50(mm) GC Column(2): RTX-CLP2 ID: 0.50(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	RPD
TCP	1	9.79	9.67	9.81	0.083789	
	2	10.78	10.73	10.87	0.060406	32.4
DBCP	1	12.75	12.66	12.80	0.006478	
	2	13.97	13.90	14.04	0.006302	2.8
EDB	1	5.73	5.65	5.79	0.048004	
	2	7.35	7.28	7.42	0.041483	14.6
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

page 1 of 1

OTHER

HS21010577 - ME - ICP_DISSICP_W_DOD

ALS WO# HS21010577

ALS Houston, US Date: 19-Feb-21

Form 11 - INTERNAL STANDARD ASSOCIATION

Client: Aptim Environmental & Infrastucture, Inc. Instrument:ICPMS05
Project: KAFB ROS
WorkOrder: HS21010577

Mass	Analyte	Assoc Int Standard 1	Assoc Int Standard 2	Mode
9	Beryllium	Lithium		Ar
11	Boron	Lithium		Ar
23	Sodium	Germanium		Ar
24	Magnesium	Germanium		Ar
27	Aluminum	Germanium		Ar
39	Potassium	Germanium		Ar
44	Calcium	Germanium		Ar
47	Titanium	Germanium		Ar
51	Vanadium	Germanium		ArHe
52	Chromium	Germanium		ArHe
55	Manganese	Germanium		ArHe
56	Iron	Germanium		ArHe
59	Cobalt	Germanium		ArHe
60	Nickel	Germanium		ArHe
63	Copper	Germanium		ArHe
66	Zinc	Germanium		ArHe
75	Arsenic	Germanium		ArHe
78	Selenium	Germanium		ArHe
88	Strontium	Germanium		Ar
95	Molybdenum	Germanium		Ar
105	Palladium	Germanium		Ar
107	Silver	Germanium		Ar
114	Cadmium	Indium		Ar
118	Tin	Germanium		Ar
121	Antimony	Germanium		ArHe
137	Barium	Indium		Ar
205	Thallium	Bismuth		Ar
208	Lead	Bismuth		Ar

ALS Houston, US Date: 19-Feb-21

FORM 12 - PREPARATION LOG

Client: Aptim Environmental & Infrastucture, Inc. Batch ID: 161677
Project: KAFB ROS Prep Code: 3010A
WorkOrder: HS21010577 Method: SW3010A
Start Date: 19-Jan-2021 11:00 End Date: 19-Jan-2021 15:00 Technician:

SampID	ClientID	Matrix	Init Wt	Init Vol	FinalVol (mL)	PrepFac
HS21010577-01	106MW2S-LTM-011321	Groundwater		10	10	1
HS21010577-01MS				10	10	1
HS21010577-01MSD				10	10	1
HS21010577-01PDS				10	10	1
HS21010577-01SD				10	10	1
LCS-161677				10	10	1
MBLK-161677				10	10	1

ALS Houston, US Date: 19-Feb-21

FORM 12 - PREPARATION LOG

Client: Aptim Environmental & Infrastucture, Inc. Batch ID: 161680
Project: KAFB ROS Prep Code: 3010A Diss
WorkOrder: HS21010577 Method: SW3010A
Start Date: 19-Jan-2021 14:00 End Date: 19-Jan-2021 18:00 Technician:

SampID	ClientID	Matrix	Init Wt	Init Vol	FinalVol (mL)	PrepFac
HS21010577-01	106MW2S-LTM-011321	Groundwater		10	10	1
HS21010577-01MS				10	10	1
HS21010577-01MSD				10	10	1
HS21010577-01PDS				10	10	1
HS21010577-01SD				10	10	1
LCS-161680				10	10	1
MBLK-161680				10	10	1
MBLKF1-161680				10	10	1

ALS Houston, US Date: 19-Feb-21

FORM 13 - ANALYSIS RUN LOG

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577
Start Date: 26-Jan-2021 End Date: 27-Jan-2021

Run ID:ICPMS05_376970
Instrument:ICPMS05
Method:

Sample No.	D/F	Time	FileID	Analytes
ICPMS05_376970_Tune	1	26-Jan-2021 02:00	ICPMS05_376970_Tune_1	
CAL BLK	1	26-Jan-2021 12:34	008CALB.d_5931963	FE MN PB
2/10/200	1	26-Jan-2021 12:36	009CALS.d_5931964	FE MN PB
5/25/500	1	26-Jan-2021 12:38	010CALS.d_5931965	FE MN PB
10/50/1000	1	26-Jan-2021 12:40	011CALS.d_5931966	FE MN PB
100/500/10K	1	26-Jan-2021 12:42	012CALS.d_5931967	FE MN PB
200/1000/20K	1	26-Jan-2021 12:44	013CALS.d_5931968	FE MN PB
ICV	1	26-Jan-2021 12:48	015_ICV.d_5931970	FE MN PB
LLICV2	1	26-Jan-2021 12:50	016LCV2.d_5931971	FE MN PB
LLICV5	1	26-Jan-2021 12:52	017LCV5.d_5931972	FE MN PB
ICB	1	26-Jan-2021 12:54	018_ICB.d_5931973	FE MN PB
ICSA	1	26-Jan-2021 12:58	020ICSA.d_5931975	FE MN PB
ICSAB	1	26-Jan-2021 13:00	021ICSB.d_5931976	FE MN PB
CAL BLK	1	27-Jan-2021 00:19	263CALB.d_5931980	FE MN PB
2/10/200	1	27-Jan-2021 00:21	264CALS.d_5931981	FE MN PB
5/25/500	1	27-Jan-2021 00:23	265CALS.d_5931982	FE MN PB
10/50/1000	1	27-Jan-2021 00:25	266CALS.d_5931983	FE MN PB
100/500/10K	1	27-Jan-2021 00:27	267CALS.d_5931984	FE MN PB
200/1000/20K	1	27-Jan-2021 00:29	268CALS.d_5931985	FE MN PB
ICV	1	27-Jan-2021 00:33	270_ICV.d_5931987	FE MN PB
LLICCV2	1	27-Jan-2021 00:35	271LCV2.d_5931988	FE MN PB
LLICCV5	1	27-Jan-2021 00:37	272LCV5.d_5931989	FE MN PB
ICCB 1	1	27-Jan-2021 00:39	273_ICB.d_5931990	FE MN PB
CCV 1	1	27-Jan-2021 01:44	305_CCV.d_5931992	FE MN PB
CCB 2	1	27-Jan-2021 01:46	306_CCB.d_5931993	FE MN PB
ICSA	1	27-Jan-2021 01:48	307ICSA.d_5931994	FE MN PB
ICSAB	1	27-Jan-2021 01:50	308ICSB.d_5931995	FE MN PB
MBLK-161677	1	27-Jan-2021 01:55	310SMPL.d_5931997	PB
LCS-161677	1	27-Jan-2021 01:57	311SMPL.d_5931998	PB
106MW2S-LTM-011321	1	27-Jan-2021 01:59	312SMPL.d_5931999	PB
106MW2S-LTM-011321SD	5	27-Jan-2021 02:01	313SMPL.d_5932000	PB
106MW2S-LTM-011321MS	1	27-Jan-2021 02:03	314SMPL.d_5932001	PB
106MW2S-LTM-011321MSD	1	27-Jan-2021 02:05	315SMPL.d_5932002	PB
106MW2S-LTM-011321PDS	1	27-Jan-2021 02:07	316SMPL.d_5932003	PB
CCV 2	1	27-Jan-2021 02:09	317_CCV.d_5932004	FE MN PB
CCB 3	1	27-Jan-2021 02:11	318_CCB.d_5932005	FE MN PB
CCV 3	1	27-Jan-2021 02:28	326_CCV.d_5932013	FE MN PB
CCB 4	1	27-Jan-2021 02:30	327_CCB.d_5932014	FE MN PB
CCV 4	1	27-Jan-2021 02:43	333_CCV.d_5932020	FE MN PB
CCB 5	1	27-Jan-2021 02:45	334_CCB.d_5932021	FE MN PB
MBLK-161680	1	27-Jan-2021 02:47	335SMPL.d_5932073	FE MN
MBLKF1-161680	1	27-Jan-2021 02:49	336SMPL.d_5932074	FE MN
LCS-161680	1	27-Jan-2021 02:51	337SMPL.d_5932075	FE MN
106MW2S-LTM-011321	1	27-Jan-2021 02:53	338SMPL.d_5932076	FE
106MW2S-LTM-011321SD	5	27-Jan-2021 02:56	339SMPL.d_5932077	FE
106MW2S-LTM-011321MS	1	27-Jan-2021 02:58	340SMPL.d_5932078	FE MN
106MW2S-LTM-011321MSD	1	27-Jan-2021 03:00	341SMPL.d_5932057	FE MN
106MW2S-LTM-011321PDS	1	27-Jan-2021 03:02	342SMPL.d_5932058	FE
CCV 5	1	27-Jan-2021 03:04	343_CCV.d_5932059	FE MN PB
CCB 6	1	27-Jan-2021 03:06	344_CCB.d_5932060	FE MN PB
CCV 6	1	27-Jan-2021 03:30	355_CCV.d_5932071	FE MN PB

ALS Houston, US Date: 19-Feb-21

FORM 13 - ANALYSIS RUN LOG

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577
Start Date: 26-Jan-2021 End Date: 27-Jan-2021

Run ID:ICPMS05_376970
Instrument:ICPMS05
Method:

Sample No.	D/F	Time	FileID	Analytes
CCB 7	1	27-Jan-2021 03:32	356_CCB.d_5932072	FE MN PB
CCV 7	1	27-Jan-2021 04:25	380_CCV.d_5932103	FE MN PB
CCB 8	1	27-Jan-2021 04:27	381_CCB.d_5932104	FE MN PB
LLICV2	1	27-Jan-2021 04:32	383LCV2.d_5932106	FE MN PB
LLICV5	1	27-Jan-2021 04:34	384LCV5.d_5932107	FE MN PB
ICSA	1	27-Jan-2021 04:36	385ICSA.d_5932108	FE MN PB
ICSAB	1	27-Jan-2021 04:38	386ICSB.d_5932109	FE MN PB

ALS Houston, US Date: 19-Feb-21

FORM 13 - ANALYSIS RUN LOG

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577
Start Date: 27-Jan-2021 End Date: 27-Jan-2021

Run ID:ICPMS05_377005
Instrument:ICPMS05
Method:

Sample No.	D/F	Time	FileID	Analytes
ICPMS05_377005_Tune	1	27-Jan-2021 02:00	ICPMS05_377005_Tune_1	
CAL BLK	1	27-Jan-2021 13:43	012CALB.d_5932741	MN
2/10/200	1	27-Jan-2021 13:45	013CALS.d_5932742	MN
5/25/500	1	27-Jan-2021 13:47	014CALS.d_5932743	MN
10/50/1000	1	27-Jan-2021 13:49	015CALS.d_5932744	MN
100/500/10K	1	27-Jan-2021 13:51	016CALS.d_5932745	MN
200/1000/20K	1	27-Jan-2021 13:53	017CALS.d_5932746	MN
ICV	1	27-Jan-2021 13:57	019_ICV.d_5932748	MN PB
LLICV2	1	27-Jan-2021 13:59	020LCV2.d_5932749	MN
LLICV5	1	27-Jan-2021 14:01	021LCV5.d_5932750	MN
ICB	1	27-Jan-2021 14:12	022_ICB.d_5932751	MN PB
ICSA	1	27-Jan-2021 14:14	023ICSA.d_5932752	MN
ICSAB	1	27-Jan-2021 14:16	024ICSB.d_5932753	MN
106MW2S-LTM-011321	100	27-Jan-2021 14:22	027SMPL.d_5932756	MN
106MW2S-LTM-011321SD	500	27-Jan-2021 14:24	028SMPL.d_5932757	MN
106MW2S-LTM-011321PDS	100	27-Jan-2021 14:26	029SMPL.d_5932758	MN
CCB 1	1	27-Jan-2021 14:42	037_CCB.d_5932766	MN
CCV 1	1	27-Jan-2021 14:44	038_CCV.d_5932767	MN
CCV 2	1	27-Jan-2021 15:07	049_CCV.d_5932786	MN
CCB 2	1	27-Jan-2021 15:09	050_CCB.d_5932787	MN

ALS Houston, US Date: 19-Feb-21

Form 2 - Initial and Continuing Calibration Verification

Client: Aptim Environmental & Infrastucture, Inc. Run ID: ICPMS05_376970
Project: KAFB ROS Instrument: ICPMS05
WorkOrder: HS21010577 Method: SW6020

ICV	Date: 26-Jan-2021 12:48		Seq: 5931970	ICV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10380.466	104	90-110	
Lead	100	103.364	103	90-110	
Manganese	100	106.828	107	90-110	
ICV	Date: 27-Jan-2021 00:33		Seq: 5931987	ICV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	9796.017	98	90-110	
Lead	100	99.548	100	90-110	
Manganese	100	97.861	98	90-110	
CCV1	Date: 27-Jan-2021 01:44		Seq: 5931992	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10511.52	105	90-110	
Lead	100	104.945	105	90-110	
Manganese	100	105.574	106	90-110	
CCV2	Date: 27-Jan-2021 02:09		Seq: 5932004	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10450.583	105	90-110	
Lead	100	103.326	103	90-110	
Manganese	100	107.357	107	90-110	
CCV3	Date: 27-Jan-2021 02:28		Seq: 5932013	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10398.018	104	90-110	
Lead	100	102.363	102	90-110	
Manganese	100	107.018	107	90-110	
CCV4	Date: 27-Jan-2021 02:43		Seq: 5932020	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10354.508	104	90-110	
Lead	100	100.048	100	90-110	
Manganese	100	104.008	104	90-110	
CCV5	Date: 27-Jan-2021 03:04		Seq: 5932059	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	10136.38	101	90-110	
Lead	100	101.478	101	90-110	
Manganese	100	104.034	104	90-110	
CCV6	Date: 27-Jan-2021 03:30		Seq: 5932071	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	9773.187	98	90-110	
Lead	100	95.78	96	90-110	
Manganese	100	98.186	98	90-110	
CCV7	Date: 27-Jan-2021 04:25		Seq: 5932103	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Iron	10000	9507.528	95	90-110	
Lead	100	92.397	92	90-110	
Manganese	100	95.348	95	90-110	

ALS Houston, US Date: 19-Feb-21

Form 2 - Initial and Continuing Calibration Verification

Client: Aptim Environmental & Infrastucture, Inc. Run ID: ICPMS05_377005
Project: KAFB ROS Instrument: ICPMS05
WorkOrder: HS21010577 Method: SW6020

ICV	Date: 27-Jan-2021 13:57		Seq: 5932748	ICV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Manganese	100	91.257	91	90-110	

CCV1	Date: 27-Jan-2021 14:44		Seq: 5932767	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Manganese	100	91.67	92	90-110	

CCV2	Date: 27-Jan-2021 15:07		Seq: 5932786	CCV	Units: ug/L
Analyte	**True**	**Found**	**%R**	**Control Limits**	**Flag**
Manganese	100	91.033	91	90-110	

ALS Houston, US Date: 19-Feb-21

Form 3 - BLANKS

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

Run ID: ICPMS05_376970
Instrument: ICPMS05
Method: SW6020

ICB	Date: 26-Jan-2021 12:54		Seq: 5931973	ICB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	5	0.6	5	U	
Manganese	5	0.7	5	U	
ICCB1	Date: 27-Jan-2021 00:39		Seq: 5931990	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	5	0.6	5	U	
Manganese	5	0.7	5	U	
CCB2	Date: 27-Jan-2021 01:46		Seq: 5931993	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	5	0.7	5	U	
MBLK-161677	Date: 27-Jan-2021 01:55		Seq: 5931997	MBLK	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Lead	5	0.6	5	U	
CCB3	Date: 27-Jan-2021 02:11		Seq: 5932005	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	5	0.7	5	U	
CCB4	Date: 27-Jan-2021 02:30		Seq: 5932014	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	0.972	0.7	5	J	
CCB5	Date: 27-Jan-2021 02:45		Seq: 5932021	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	5	0.7	5	U	
MBLK-161680	Date: 27-Jan-2021 02:47		Seq: 5932073	MBLK	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	13.71	12	200	J	
Manganese	0.758	0.7	5	J	
MBLKF1-161680	Date: 27-Jan-2021 02:49		Seq: 5932074	MBLK	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Manganese	5	0.7	5	U	
CCB6	Date: 27-Jan-2021 03:06		Seq: 5932060	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	0.714	0.7	5	J	

ALS Houston, US Date: 19-Feb-21

Form 3 - BLANKS

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

Run ID: ICPMS05_376970
Instrument: ICPMS05
Method: SW6020

CCB7	Date: 27-Jan-2021 03:32		Seq: 5932072	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	5	0.7	5	U	

CCB8	Date: 27-Jan-2021 04:27		Seq: 5932104	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Iron	200	12	200	U	
Lead	2	0.6	2	U	
Manganese	5	0.7	5	U	

ALS Houston, US Date: 19-Feb-21

Form 3 - BLANKS

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

Run ID: ICPMS05_377005
Instrument: ICPMS05
Method: SW6020

ICB	Date: 27-Jan-2021 14:12		Seq: 5932751	ICB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Manganese	5	0.7	5	U	

CCB1	Date: 27-Jan-2021 14:42		Seq: 5932766	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Manganese	5	0.7	5	U	

CCB2	Date: 27-Jan-2021 15:09		Seq: 5932787	CCB	Units: ug/L
Analyte	**Result**	**MDL**	**Report Limit**	**Qual**	
Manganese	5	0.7	5	U	

ALS Houston, US Date: 19-Feb-21

Form 4 - ICP Interference Check Sample

Client: Aptim Environmental & Infrastucture, Inc. Run ID:ICPMS05_376970
Project: KAFB ROS Instrument:ICPMS05
WorkOrder: HS21010577 Method:SW6020

ICSA	Date: 26-Jan-2021 12:58	Seq: 5931975	ICSA	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	100000	99340	99.3	
Lead		0.033	0	
Manganese		0.129	0	
ICSAB	Date: 26-Jan-2021 13:00	Seq: 5931976	ICSAB	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	110000	97700	88.8	
Lead	100	106.1	106	
Manganese	100	92.73	92.7	
ICSA	Date: 27-Jan-2021 01:48	Seq: 5931994	ICSA	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	100000	102200	102	
Lead		0.046	0	
Manganese		0.123	0	
ICSAB	Date: 27-Jan-2021 01:50	Seq: 5931995	ICSAB	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	110000	110800	101	
Lead	100	101	101	
Manganese	100	100.4	100	
ICSA	Date: 27-Jan-2021 04:36	Seq: 5932108	ICSA	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	100000	101400	101	
Lead		0.045	0	
Manganese		0.078	0	
ICSAB	Date: 27-Jan-2021 04:38	Seq: 5932109	ICSAB	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Iron	110000	110400	100	
Lead	100	100.3	100	
Manganese	100	99.89	99.9	

ALS Houston, US Date: 19-Feb-21

Form 4 - ICP Interference Check Sample

Client: Aptim Environmental & Infrastucture, Inc. Run ID:ICPMS05_377005
Project: KAFB ROS Instrument:ICPMS05
WorkOrder: HS21010577 Method:SW6020

ICSA	Date: 27-Jan-2021 14:14	Seq: 5932752	ICSA	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Manganese		0.173	0	

ICSAB	Date: 27-Jan-2021 14:16	Seq: 5932753	ICSAB	Units: ug/L
Analyte	**True**	**Found**	**%R**	
Manganese	100	93.42	93.4	

ALS Houston, US Date: 19-Feb-21

Form 5A - Matrix Spike/Matrix Spike Duplicate Recovery

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

Date Analyzed: 27-Jan-2021 02:05
Date Extracted: 19-Jan-2021 15:00
Units: ug/L

Matrix Spike: HS21010577-01MS
Client Sample ID: 106MW2S-LTM-011321

Analysis Method: SW6020

Analyte	Sample Result	MS Result	Spike Amount	% Rec	MSD Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Lead	5.000	40.59	50.00	80.9	44.09	50.00	87.9	88-115	8.27	20
Iron	10780	14650	5000	77.2	15300	5000	90.2	75-125	4.34	20
Manganese	7492	7161	50.00	-663	7464	50.00	-56.8	75-125	4.14	20

ALS Houston, US Date: 19-Feb-21

Form 5B - Post Digest Sample Recovery

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

Date Analyzed: 27-Jan-2021 02:07
Date Extracted: 19-Jan-2021 15:00
Units: ug/L

Lab Sample ID: HS21010577-01PDS
Client Sample ID: 106MW2S-LTM-011321

Analysis Method: SW6020

Analyte	Sample Result	PDS Result	Spike Amount	% Rec	% Rec Limits
Lead	0	86.62	100	87	80-120
Iron	10780	19240	10000	85	75-125

ALS Houston, US Date: 19-Feb-21

Form 5B - Post Digest Sample Recovery

Client: Aptim Environmental & Infrastucture, Inc. Date Analyzed: 27-Jan-2021 14:26
Project: KAFB ROS Date Extracted: 19-Jan-2021 18:00
WorkOrder: HS21010577 Units: ug/L

Lab Sample ID: HS21010577-01PDS Analysis Method: SW6020
Client Sample ID: 106MW2S-LTM-011321

Analyte	Sample Result	PDS Result	Spike Amount	% Rec	% Rec Limits
Manganese	8489	17570	10000	91	75-125

ALS Houston, US Date: 19-Feb-21

Form 7 - Laboratory Control Sample

Client: Aptim Environmental & Infrastucture, Inc. Date Analyzed: 27-Jan-2021 01:57
Project: KAFB ROS Date Extracted: 19-Jan-2021 15:00
WorkOrder: HS21010577 Units: ug/L

Lab Sample ID: LCS-161677 Analysis Method: SW6020

Analyte	Spike Amount	LCS Result	% Rec	% Rec Limits
Lead	50	45.91	92	88-115

Lab Sample ID: LCS-161680 Analysis Method: SW6020

Analyte	Spike Amount	LCS Result	% Rec	% Rec Limits
Iron	5000	4584	92	80-120
Manganese	50	45.99	92	80-120

ALS Houston, US Date: 19-Feb-21

Form 8 - ICP Serial Dilutions

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

Date Analyzed: 27-Jan-2021 02:01
Date Extracted: 19-Jan-2021 15:00
Units: ug/L

Lab Sample ID: HS21010577-01SD
Client Sample ID:106MW2S-LTM-011321

Analysis Method: SW6020

Analyte	Sample Result	C	SD Result	C	RPD	Q
Lead	0	U	0	U	0	
Iron	10780		10860		1	

ALS Houston, US Date: 19-Feb-21

Form 8 - ICP Serial Dilutions

Client: Aptim Environmental & Infrastucture, Inc.
Project: KAFB ROS
WorkOrder: HS21010577

Date Analyzed: 27-Jan-2021 14:24
Date Extracted: 19-Jan-2021 18:00
Units: ug/L

Lab Sample ID: HS21010577-01SD
Client Sample ID:106MW2S-LTM-011321

Analysis Method: SW6020

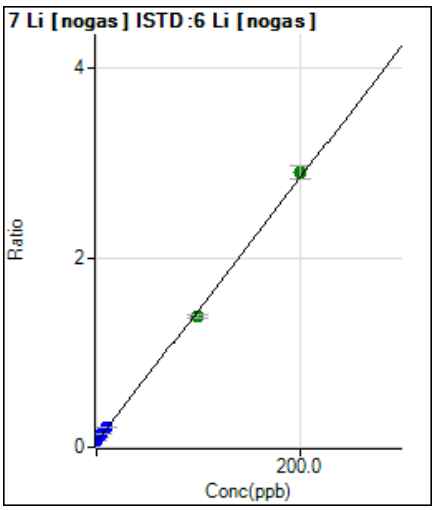
Analyte	Sample Result	C	SD Result	C	RPD	Q
Manganese	8489		9049		7	

Calibration for 015_ICV.d

Batch Folder:	C:\Agilent\ICPMH\1\DATA\012621A.b\
Analysis File:	012621A.batch.bin
DA Date-Time:	1/26/2021 11:00:38 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	

Level	Standard Data File	Sample Name	Acq. Date-Time
1	008CALB.d	CAL BLK	1/26/2021 10:34:33 AM
2	009CALS.d	2/10/200	1/26/2021 10:36:34 AM
3	010CALS.d	5/25/500	1/26/2021 10:38:34 AM
4	011CALS.d	10/50/1000	1/26/2021 10:40:34 AM
5	012CALS.d	100/500/10K	1/26/2021 10:42:35 AM
6	013CALS.d	200/1000/20K	1/26/2021 10:44:30 AM
7			

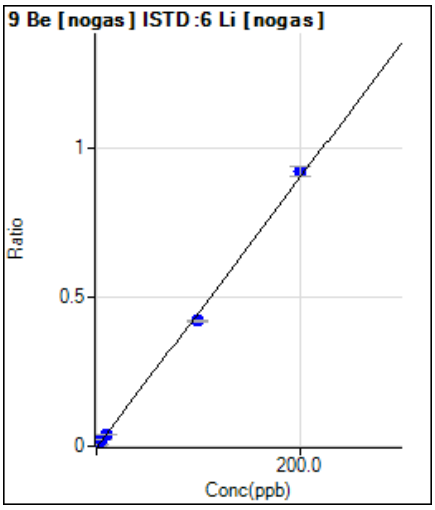
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	84168.11	0.0709	P	1.9	
2	☐	2.000	1.965	116636.04	0.0982	P	0.9	-1.7
3	☐	5.000	5.089	163532.39	0.1417	P	1.9	1.8
4	☐	10.000	9.704	239925.74	0.2060	P	1.6	-3.0
5	☐	100.000	93.622	1538425.08	1.3743	A	2.6	-6.4
6	☐	200.000	203.202	3037756.10	2.8999	A	4.9	1.6
7	☐	1.000						

y = 0.0139 * x + 0.0709
R = 0.9993
DL = 0.2863 ppb
BEC = 5.09 ppb

Weight: <None>
Min Conc: <None>

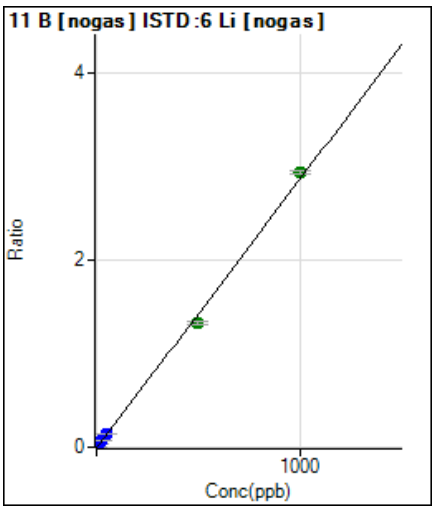


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13.33	0.0000	P	23.2	
2	☐	2.000	1.781	9609.11	0.0081	P	2.6	-10.
3	☐	5.000	4.539	23781.34	0.0206	P	1.0	-9.2
4	☐	10.000	8.717	46074.81	0.0396	P	2.3	-12.
5	☐	100.000	92.751	470999.15	0.4208	P	1.5	-7.2
6	☐	200.000	203.702	968284.94	0.9241	P	4.0	1.9
7	☐	1.000						

y = 0.0045 * x + 1.1255E-005
R = 0.9991
DL = 0.001725 ppb
BEC = 0.002481 ppb

Weight: <None>
Min Conc: <None>

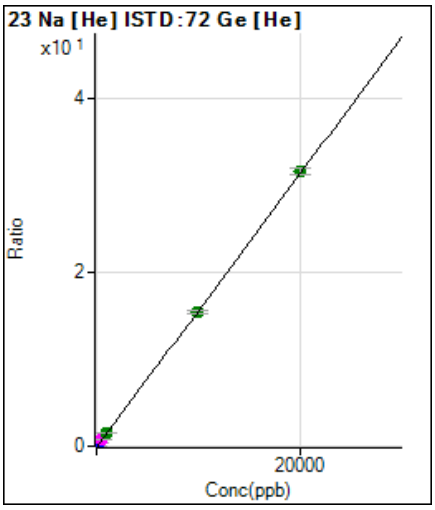
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3692.05	0.0031	P	4.6	
2	☐	10.000	9.356	35702.96	0.0301	P	2.9	-6.4
3	☐	25.000	23.830	82836.55	0.0718	P	0.8	-4.7
4	☐	50.000	47.631	163429.40	0.1404	P	3.7	-4.7
5	☐	500.000	460.448	1488533.05	1.3298	A	2.5	-7.9
6	☐	1000.000	1019.930	3084533.18	2.9419	A	1.8	2.0
7	☐	5.000						

y = 0.0029 * x + 0.0031
R = 0.9989
DL = 0.1489 ppb
BEC = 1.079 ppb

Weight: <None>
Min Conc: <None>

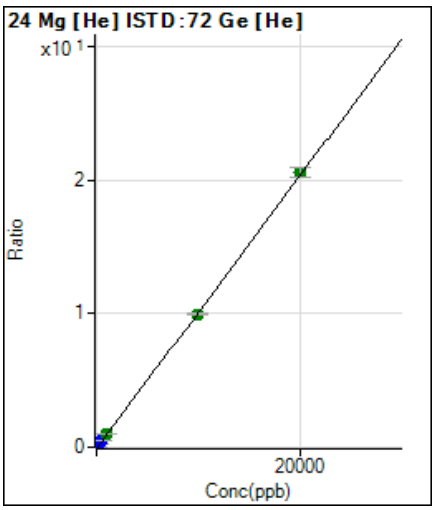


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	33856.99	0.0213	P	3.7	
2	☐	200.000	209.164	551080.70	0.3506	P	1.6	4.6
3	☐	500.000	507.606	1297722.74	0.8206	M	2.5	1.5
4	☐	1000.000	984.003	2468310.59	1.5707	A	1.3	-1.6
5	☐	10000.00	9834.259	23839631.31	15.5066	A	2.2	-1.7
6	☐	20000.00	20083.38	48301780.95	31.6451	A	2.7	0.4
7	☐	100.000						

y = 0.0016 * x + 0.0213
R = 1.0000
DL = 1.513 ppb
BEC = 13.52 ppb

Weight: <None>
Min Conc: <None>

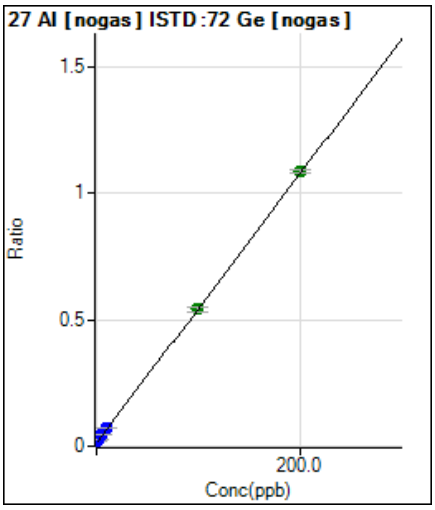
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1703.44	0.0011	P	6.1	
2	☐	200.000	210.817	340592.53	0.2167	P	1.8	5.4
3	☐	500.000	514.552	834107.20	0.5274	P	2.2	2.9
4	☐	1000.000	997.936	1605750.24	1.0219	A	2.0	-0.2
5	☐	10000.00	9719.002	15286501.44	9.9427	A	1.4	-2.8
6	☐	20000.00	20140.13	31442707.03	20.6025	A	3.4	0.7
7	☐	100.000						

y = 0.0010 * x + 0.0011
R = 0.9999
DL = 0.1923 ppb
BEC = 1.047 ppb

Weight: <None>
Min Conc: <None>

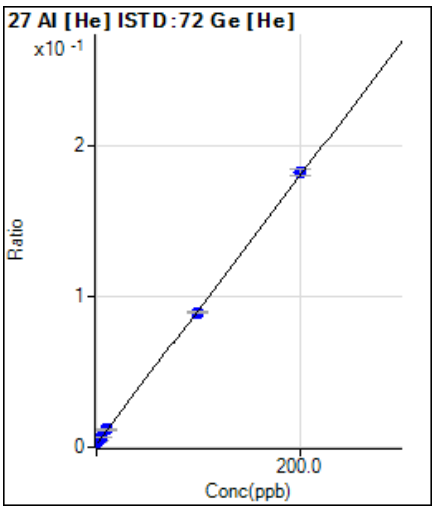


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	54013.78	0.0181	P	2.5	
2	☐	2.000	1.833	83797.11	0.0278	P	2.0	-8.3
3	☐	5.000	5.005	134630.13	0.0447	P	2.9	0.1
4	☐	10.000	10.576	225132.48	0.0744	P	2.4	5.8
5	☐	100.000	98.429	1605208.83	0.5420	A	3.7	-1.6
6	☐	200.000	200.758	3220630.06	1.0867	A	0.9	0.4
7	☐	1.000						

y = 0.0053 * x + 0.0181
R = 0.9999
DL = 0.2539 ppb
BEC = 3.396 ppb

Weight: <None>
Min Conc: <None>

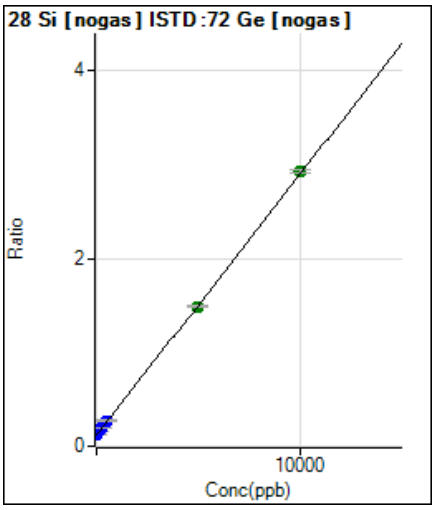
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4914.48	0.0031	P	11.3	
2	☐	2.000	1.439	6874.70	0.0044	P	8.2	-28.
3	☐	5.000	4.124	10709.82	0.0068	P	2.8	-17.
4	☐	10.000	9.532	18222.33	0.0116	P	4.0	-4.7
5	☐	100.000	97.029	137821.73	0.0896	P	1.3	-3.0
6	☐	200.000	201.536	279107.74	0.1829	P	2.8	0.8
7	☐	1.000						

y = 8.9199E-004 * x + 0.0031
R = 0.9999
DL = 1.178 ppb
BEC = 3.467 ppb

Weight: <None>
Min Conc: <None>

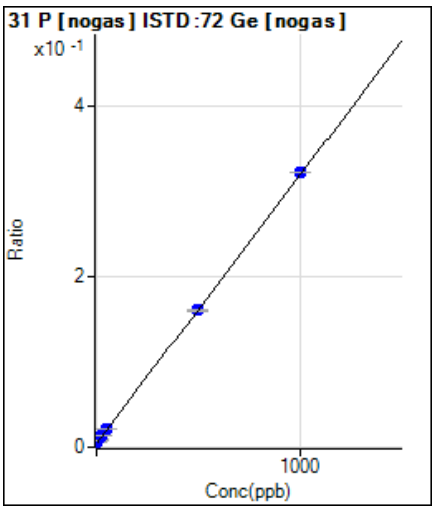


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	391600.28	0.1311	P	1.6	
2	☐	100.000	93.252	472644.51	0.1570	P	1.2	-6.7
3	☐	250.000	244.830	599566.42	0.1991	P	0.4	-2.1
4	☐	500.000	498.778	816317.05	0.2697	P	3.1	-0.2
5	☐	5000.000	4883.675	4408998.58	1.4883	A	0.7	-2.3
6	☐	10000.00	10058.42	8673146.33	2.9264	A	1.5	0.6
7	☐	50.000						

y = 2.7791E-004 * x + 0.1311
R = 0.9999
DL = 22.36 ppb
BEC = 471.6 ppb

Weight: <None>
Min Conc: <None>

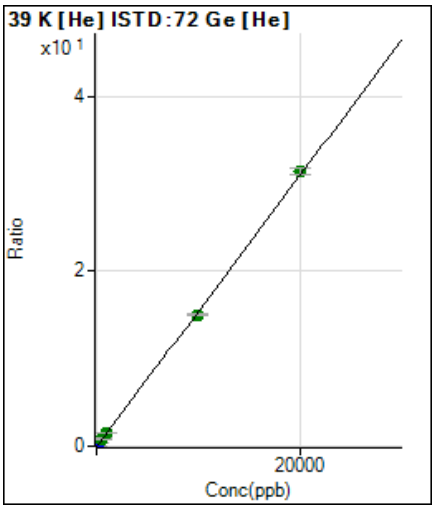
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	18031.19	0.0060	P	6.2	
2	☐	10.000	8.708	26408.70	0.0088	P	1.4	-12.
3	☐	25.000	23.289	40226.33	0.0134	P	1.2	-6.8
4	☐	50.000	49.517	65416.67	0.0216	P	2.1	-1.0
5	☐	500.000	490.141	474594.98	0.1602	P	1.4	-2.0
6	☐	1000.000	1005.009	954845.98	0.3222	P	0.1	0.5
7	☐	5.000						

y = 3.1457E-004 * x + 0.0060
R = 0.9999
DL = 3.567 ppb
BEC = 19.17 ppb

Weight: <None>
Min Conc: <None>

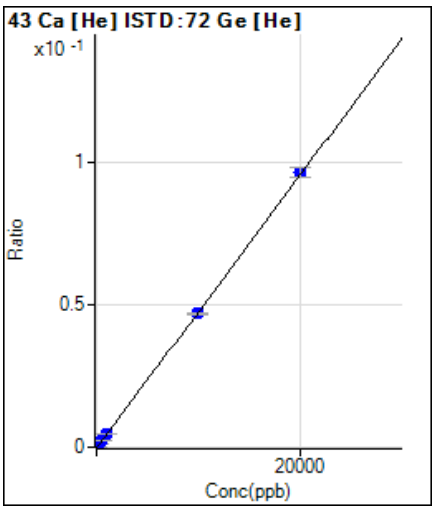


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	116638.97	0.0733	P	3.4	
2	☐	200.000	206.494	619121.36	0.3939	P	1.7	3.2
3	☐	500.000	499.942	1343693.47	0.8496	A	1.8	0.0
4	☐	1000.000	981.132	2509285.90	1.5967	A	0.8	-1.9
5	☐	10000.00	9615.791	23068120.49	15.0037	A	1.0	-3.8
6	☐	20000.00	20192.98	47974862.62	31.4268	A	2.0	1.0
7	☐	100.000						

y = 0.0016 * x + 0.0733
R = 0.9997
DL = 4.781 ppb
BEC = 47.22 ppb

Weight: <None>
Min Conc: <None>

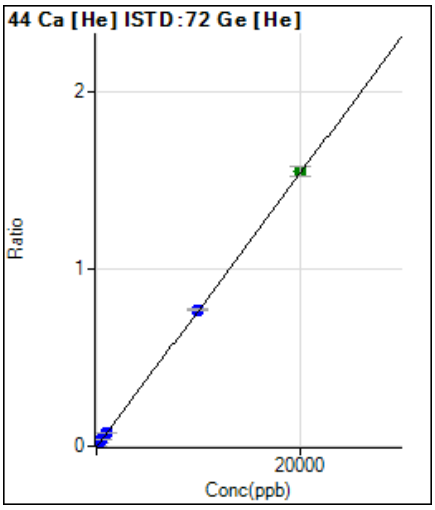
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	160.00	0.0001	P	17.5	
2	☐	200.000	187.432	1566.76	0.0010	P	10.9	-6.3
3	☐	500.000	446.573	3540.41	0.0022	P	7.3	-10.
4	☐	1000.000	935.497	7198.19	0.0046	P	1.5	-6.5
5	☐	10000.00	9792.705	72248.81	0.0470	P	1.1	-2.1
6	☐	20000.00	20108.33	147088.28	0.0964	P	3.7	0.5
7	☐	100.000						

y = 4.7883E-006 * x + 1.0040E-004
R = 0.9999
DL = 10.99 ppb
BEC = 20.97 ppb

Weight: <None>
Min Conc: <None>

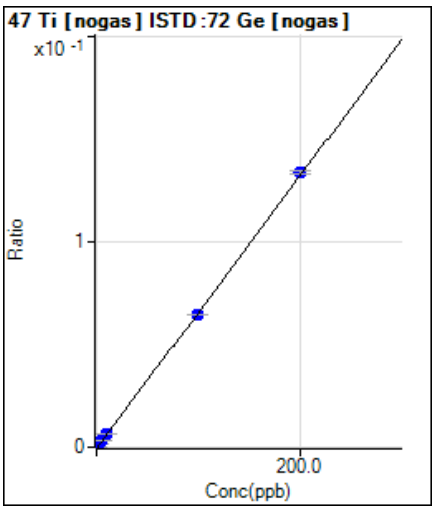


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2830.26	0.0018	P	8.0	
2	☐	200.000	194.736	26445.77	0.0168	P	1.5	-2.6
3	☐	500.000	482.344	61765.16	0.0390	P	1.2	-3.5
4	☐	1000.000	976.255	121343.27	0.0772	P	0.1	-2.4
5	☐	10000.00	9902.530	1179122.93	0.7669	P	1.3	-1.0
6	☐	20000.00	20050.41	2366901.63	1.5510	A	3.8	0.3
7	☐	100.000						

y = 7.7266E-005 * x + 0.0018
R = 1.0000
DL = 5.527 ppb
BEC = 23.04 ppb

Weight: <None>
Min Conc: <None>

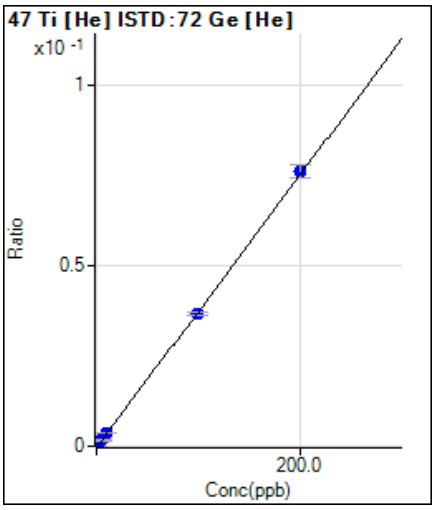
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	140.00	0.0000	P	21.1	
2	☐	2.000	1.944	4020.50	0.0013	P	5.7	-2.8
3	☐	5.000	4.634	9389.14	0.0031	P	0.5	-7.3
4	☐	10.000	9.219	18642.89	0.0062	P	1.9	-7.8
5	☐	100.000	96.990	190574.72	0.0643	P	0.6	-3.0
6	☐	200.000	201.554	396058.16	0.1336	P	1.2	0.8
7	☐	1.000						

y = 6.6277E-004 * x + 4.6841E-005
R = 0.9998
DL = 0.04472 ppb
BEC = 0.07068 ppb

Weight: <None>
Min Conc: <None>

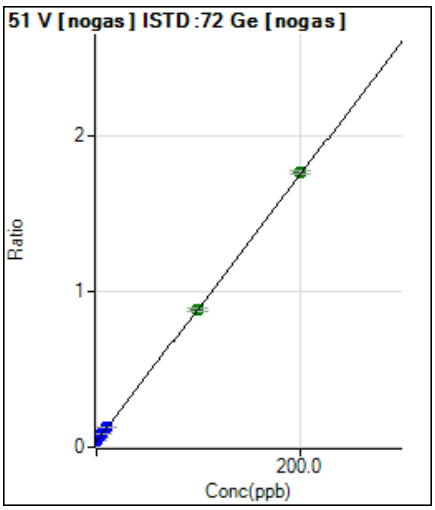


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10.00	0.0000	P	173.	
2	☐	2.000	1.893	1133.38	0.0007	P	5.6	-5.4
3	☐	5.000	4.485	2693.59	0.0017	P	16.1	-10.
4	☐	10.000	9.373	5577.58	0.0035	P	5.4	-6.3
5	☐	100.000	96.787	56241.60	0.0366	P	2.8	-3.2
6	☐	200.000	201.652	116292.72	0.0762	P	4.6	0.8
7	☐	1.000						

y = 3.7794E-004 * x + 6.1318E-006
R = 0.9998
DL = 0.0843 ppb
BEC = 0.01622 ppb

Weight: <None>
Min Conc: <None>

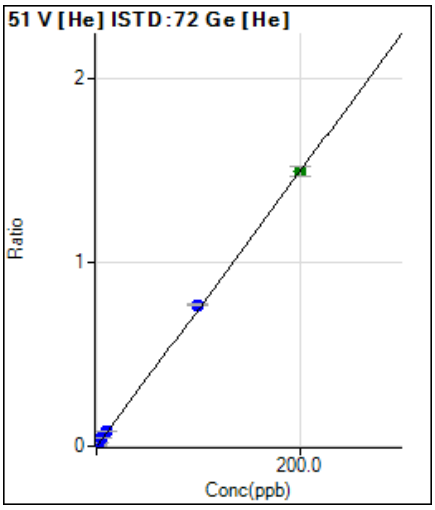
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	133786.97	0.0448	P	1.5	
2	☐	2.000	1.825	181851.72	0.0604	P	1.2	-8.8
3	☐	5.000	4.843	259668.88	0.0862	P	0.4	-3.1
4	☐	10.000	9.771	388747.26	0.1284	P	2.0	-2.3
5	☐	100.000	98.107	2620158.04	0.8845	A	2.1	-1.9
6	☐	200.000	200.964	5231119.92	1.7650	A	1.4	0.5
7	☐	1.000						

y = 0.0086 * x + 0.0448
R = 0.9999
DL = 0.2335 ppb
BEC = 5.231 ppb

Weight: <None>
Min Conc: <None>

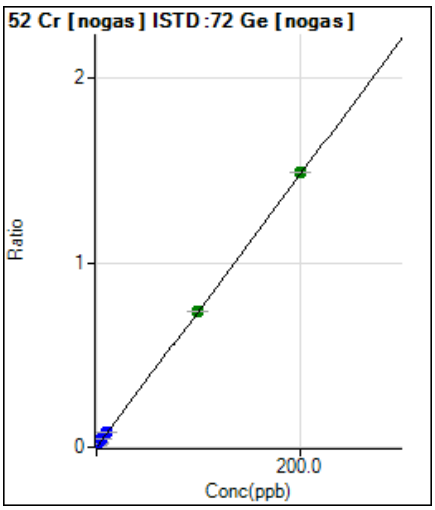


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7198.09	0.0045	P	2.2	
2	☐	2.000	1.991	30528.30	0.0194	P	2.0	-0.4
3	☐	5.000	4.913	65306.98	0.0413	P	2.9	-1.7
4	☐	10.000	9.850	122966.00	0.0782	P	0.5	-1.5
5	☐	100.000	101.973	1180404.33	0.7678	P	1.6	2.0
6	☐	200.000	199.023	2280286.92	1.4942	A	4.0	-0.5
7	☐	1.000						

y = 0.0075 * x + 0.0045
R = 0.9999
DL = 0.03998 ppb
BEC = 0.6042 ppb

Weight: <None>
Min Conc: <None>

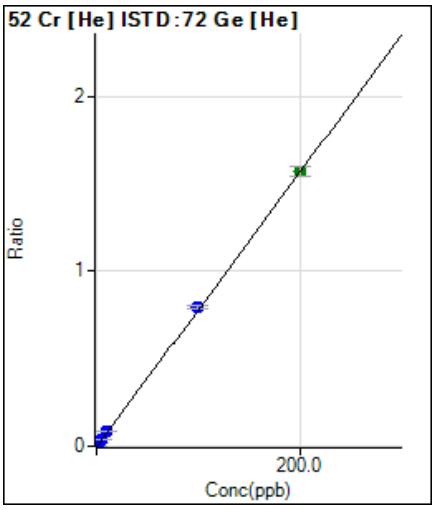
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	19757.38	0.0066	P	1.8	
2	☐	2.000	2.160	68000.72	0.0226	P	2.4	8.0
3	☐	5.000	5.141	134418.49	0.0446	P	1.0	2.8
4	☐	10.000	10.145	247193.75	0.0816	P	1.7	1.5
5	☐	100.000	98.469	2177067.21	0.7349	A	0.4	-1.5
6	☐	200.000	200.753	4419872.85	1.4913	A	0.5	0.4
7	☐	1.000						

y = 0.0074 * x + 0.0066
R = 1.0000
DL = 0.04937 ppb
BEC = 0.8941 ppb

Weight: <None>
Min Conc: <None>

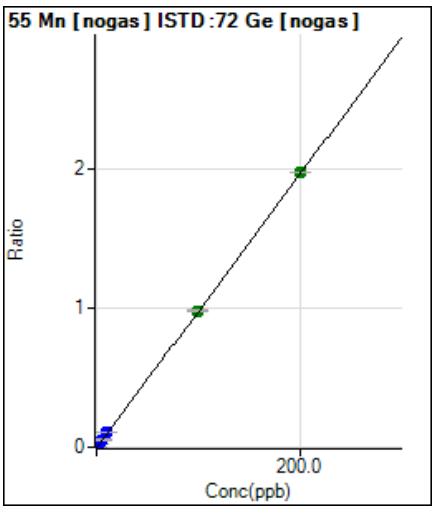


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4467.27	0.0028	P	0.3	
2	☐	2.000	2.092	30294.90	0.0193	P	3.6	4.6
3	☐	5.000	4.947	66010.45	0.0417	P	2.7	-1.1
4	☐	10.000	10.006	128178.16	0.0816	P	0.4	0.1
5	☐	100.000	100.934	1225626.31	0.7972	P	2.1	0.9
6	☐	200.000	199.533	2401081.69	1.5733	A	3.6	-0.2
7	☐	1.000						

y = 0.0079 * x + 0.0028
R = 1.0000
DL = 0.003189 ppb
BEC = 0.3566 ppb

Weight: <None>
Min Conc: <None>

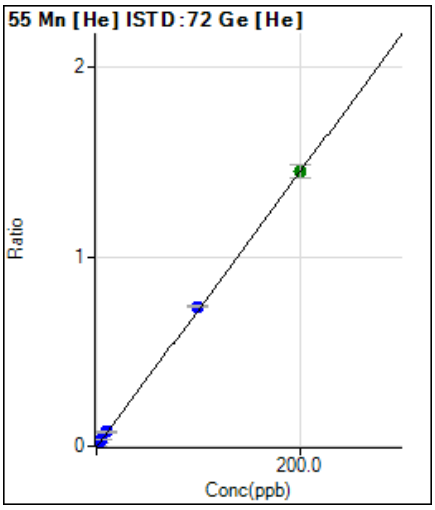
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10589.82	0.0035	P	4.4	
2	☐	2.000	2.238	76881.93	0.0255	P	2.8	11.9
3	☐	5.000	5.061	160453.66	0.0533	P	1.6	1.2
4	☐	10.000	10.205	314408.28	0.1039	P	1.6	2.1
5	☐	100.000	99.334	2902688.92	0.9799	A	1.8	-0.7
6	☐	200.000	200.319	5846035.75	1.9725	A	0.1	0.2
7	☐	1.000						

y = 0.0098 * x + 0.0035
R = 1.0000
DL = 0.04809 ppb
BEC = 0.3605 ppb

Weight: <None>
Min Conc: <None>

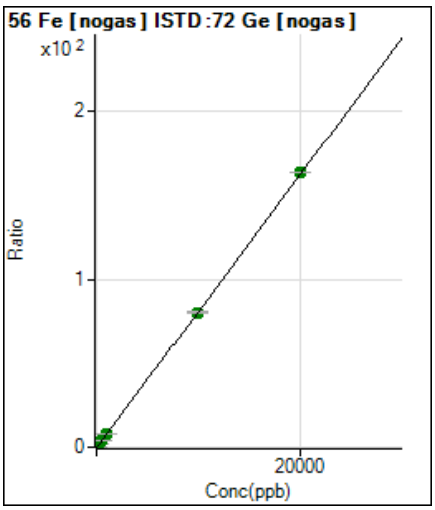


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2826.93	0.0018	P	11.1	
2	☐	2.000	2.104	26856.37	0.0171	P	0.8	5.2
3	☐	5.000	4.798	58007.15	0.0367	P	3.0	-4.0
4	☐	10.000	9.983	116928.71	0.0744	P	1.1	-0.2
5	☐	100.000	101.158	1134118.03	0.7377	P	1.9	1.2
6	☐	200.000	199.426	2216450.12	1.4526	A	4.4	-0.3
7	☐	1.000						

y = 0.0073 * x + 0.0018
R = 1.0000
DL = 0.08163 ppb
BEC = 0.2445 ppb

Weight: <None>
Min Conc: <None>

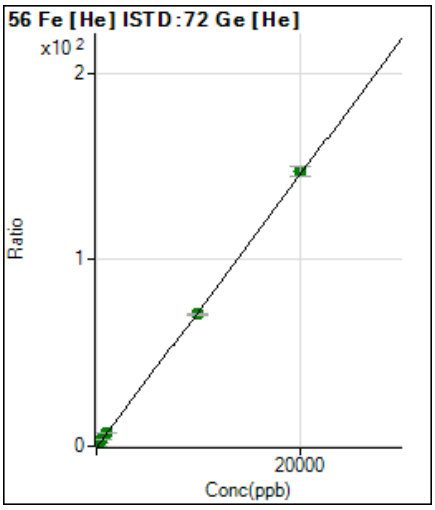
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1244693.24	0.4166	P	1.6	
2	☐	200.000	198.571	6116435.32	2.0314	A	1.4	-0.7
3	☐	500.000	487.263	13186662.30	4.3792	A	1.5	-2.5
4	☐	1000.000	974.120	25247446.29	8.3385	A	1.0	-2.6
5	☐	10000.00	9828.483	238014496.4	80.3457	A	1.3	-1.7
6	☐	20000.00	20087.38	485389672.7	163.775	A	0.2	0.4
7	☐	100.000						

y = 0.0081 * x + 0.4166
R = 0.9999
DL = 2.523 ppb
BEC = 51.22 ppb

Weight: <None>
Min Conc: <None>

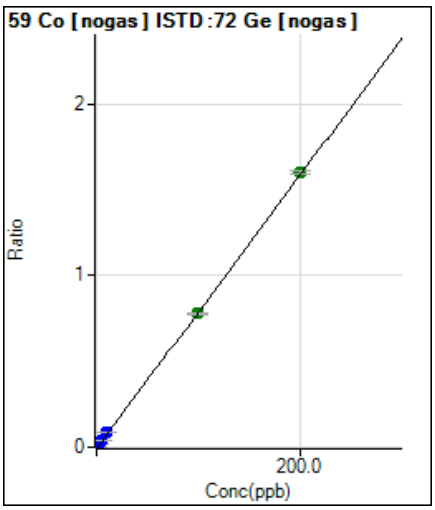


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	35297.26	0.0222	P	4.2	
2	☐	200.000	203.220	2371494.29	1.5087	A	0.9	1.6
3	☐	500.000	482.794	5620125.75	3.5537	A	2.4	-3.4
4	☐	1000.000	966.595	11145480.25	7.0926	A	1.5	-3.3
5	☐	10000.00	9682.221	108916841.7	70.8452	A	1.7	-3.2
6	☐	20000.00	20160.95	225082943.3	147.494	A	3.9	0.8
7	☐	100.000						

y = 0.0073 * x + 0.0222
R = 0.9998
DL = 0.3782 ppb
BEC = 3.034 ppb

Weight: <None>
Min Conc: <None>

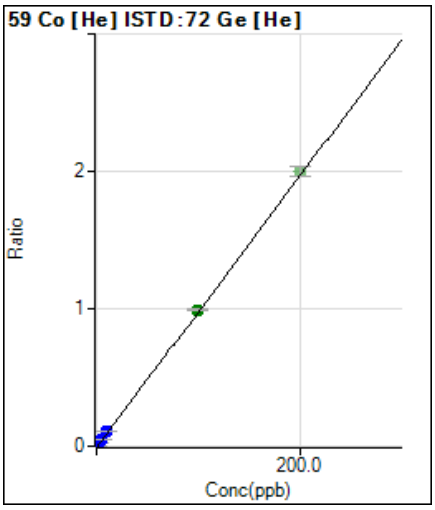
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	476.68	0.0002	P	14.7	
2	☐	2.000	2.100	50839.95	0.0169	P	3.9	5.0
3	☐	5.000	5.152	124066.32	0.0412	P	1.4	3.0
4	☐	10.000	10.351	250129.15	0.0826	P	1.1	3.5
5	☐	100.000	97.723	2306257.62	0.7786	A	1.7	-2.3
6	☐	200.000	201.116	4748450.03	1.6022	A	1.0	0.6
7	☐	1.000						

y = 0.0080 * x + 1.5931E-004
R = 0.9999
DL = 0.008837 ppb
BEC = 0.02 ppb

Weight: <None>
Min Conc: <None>

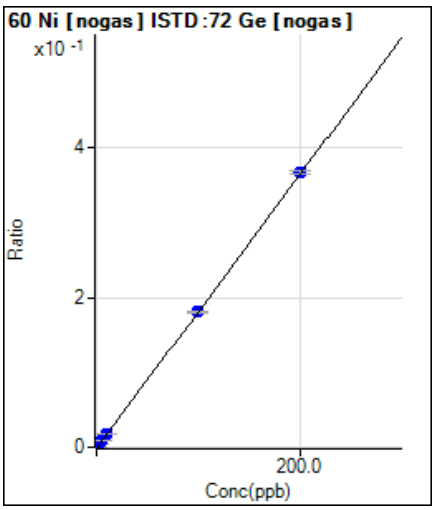


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	240.01	0.0002	P	5.9	
2	☐	2.000	2.127	33323.68	0.0212	P	1.2	6.3
3	☐	5.000	5.189	81448.59	0.0515	P	3.3	3.8
4	☐	10.000	10.488	163384.71	0.1040	P	0.9	4.9
5	☐	100.000	99.939	1521329.20	0.9894	A	1.2	-0.1
6	☑	200.000		3055608.81	2.0020	A	3.3	
7	☐	1.000						

y = 0.0099 * x + 1.5064E-004
R = 1.0000
DL = 0.002697 ppb
BEC = 0.01522 ppb

Weight: <None>
Min Conc: <None>

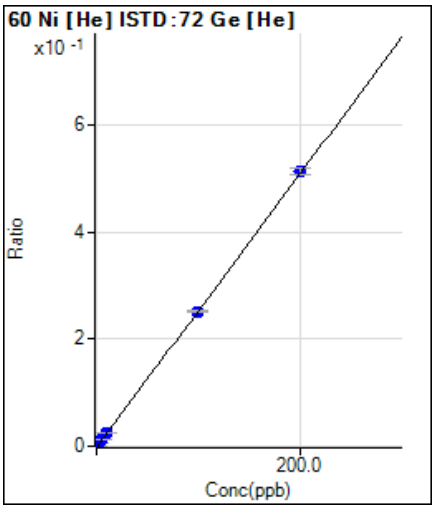
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	640.02	0.0002	P	11.3	
2	☐	2.000	2.049	11930.66	0.0040	P	4.7	2.4
3	☐	5.000	4.926	27791.19	0.0092	P	2.1	-1.5
4	☐	10.000	9.882	55412.98	0.0183	P	0.8	-1.2
5	☐	100.000	98.913	536898.01	0.1812	P	1.1	-1.1
6	☐	200.000	200.551	1088435.48	0.3673	P	0.9	0.3
7	☐	1.000						

y = 0.0018 * x + 2.1405E-004
R = 1.0000
DL = 0.03969 ppb
BEC = 0.117 ppb

Weight: <None>
Min Conc: <None>

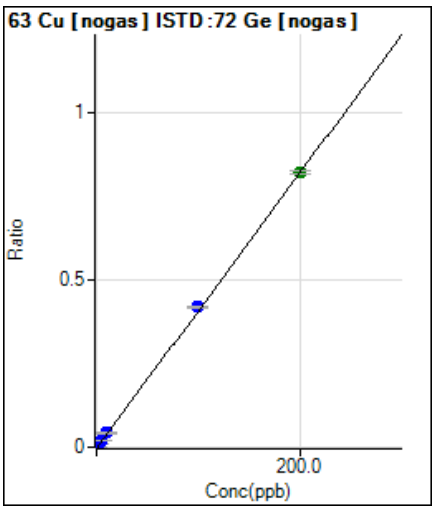


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	450.01	0.0003	P	19.3	
2	☐	2.000	1.929	8195.25	0.0052	P	2.4	-3.5
3	☐	5.000	4.790	19814.25	0.0125	P	4.0	-4.2
4	☐	10.000	9.950	40397.79	0.0257	P	2.6	-0.5
5	☐	100.000	98.358	386834.98	0.2516	P	1.8	-1.6
6	☐	200.000	200.830	783764.78	0.5135	P	2.4	0.4
7	☐	1.000						

y = 0.0026 * x + 2.8324E-004
R = 1.0000
DL = 0.0642 ppb
BEC = 0.1108 ppb

Weight: <None>
Min Conc: <None>

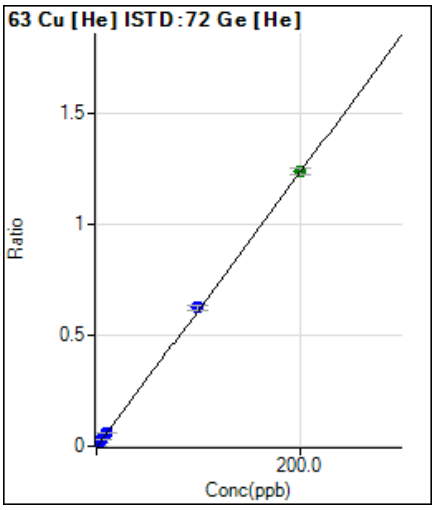
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1430.08	0.0005	P	2.4	
2	☐	2.000	2.106	27644.32	0.0092	P	2.1	5.3
3	☐	5.000	5.147	65482.76	0.0217	P	1.8	2.9
4	☐	10.000	10.195	128960.81	0.0426	P	2.4	1.9
5	☐	100.000	101.476	1243402.61	0.4197	P	1.2	1.5
6	☐	200.000	199.248	2441077.31	0.8237	A	1.4	-0.4
7	☐	1.000						

y = 0.0041 * x + 4.7843E-004
R = 1.0000
DL = 0.008289 ppb
BEC = 0.1158 ppb

Weight: <None>
Min Conc: <None>

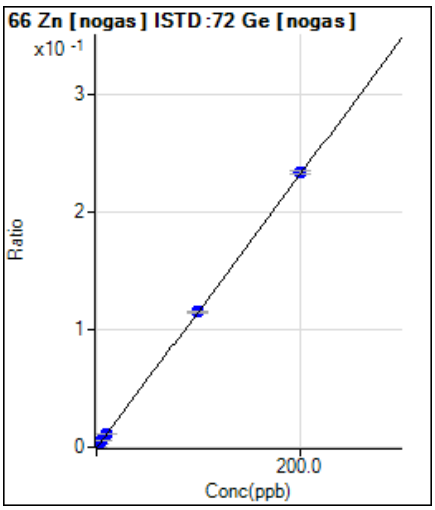


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	960.04	0.0006	P	18.3	
2	☐	2.000	2.131	21726.46	0.0138	P	2.3	6.6
3	☐	5.000	4.926	49282.60	0.0312	P	3.1	-1.5
4	☐	10.000	9.887	97329.22	0.0619	P	2.6	-1.1
5	☐	100.000	100.467	959132.33	0.6239	P	2.5	0.5
6	☐	200.000	199.772	1892655.13	1.2400	A	2.7	-0.1
7	☐	1.000						

y = 0.0062 * x + 6.0276E-004
R = 1.0000
DL = 0.05339 ppb
BEC = 0.09716 ppb

Weight: <None>
Min Conc: <None>

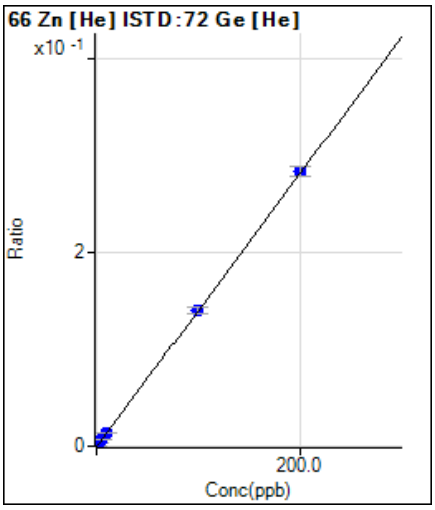
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1390.08	0.0005	P	10.8	
2	☐	2.000	1.903	8068.54	0.0027	P	3.7	-4.8
3	☐	5.000	4.796	18202.59	0.0060	P	3.1	-4.1
4	☐	10.000	9.506	34893.37	0.0115	P	2.9	-4.9
5	☐	100.000	98.707	341655.00	0.1153	P	1.2	-1.3
6	☐	200.000	200.677	693458.27	0.2340	P	0.8	0.3
7	☐	1.000						

y = 0.0012 * x + 4.6480E-004
R = 1.0000
DL = 0.1299 ppb
BEC = 0.3994 ppb

Weight: <None>
Min Conc: <None>

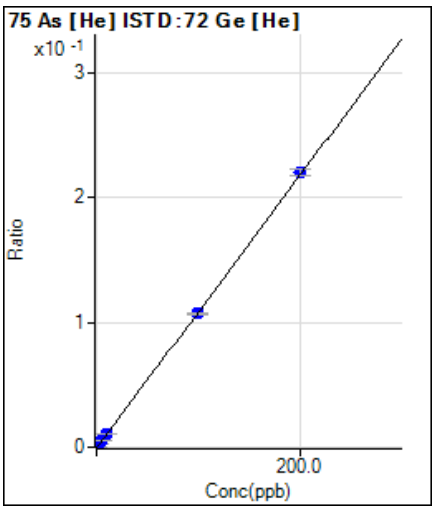


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	953.37	0.0006	P	3.8	
2	☐	2.000	1.856	5070.78	0.0032	P	7.0	-7.2
3	☐	5.000	4.689	11433.72	0.0072	P	6.5	-6.2
4	☐	10.000	9.260	21526.25	0.0137	P	2.6	-7.4
5	☐	100.000	98.893	215922.73	0.1405	P	3.7	-1.1
6	☐	200.000	200.600	433902.55	0.2843	P	3.6	0.3
7	☐	1.000						

y = 0.0014 * x + 5.9867E-004
R = 1.0000
DL = 0.04815 ppb
BEC = 0.4233 ppb

Weight: <None>
Min Conc: <None>

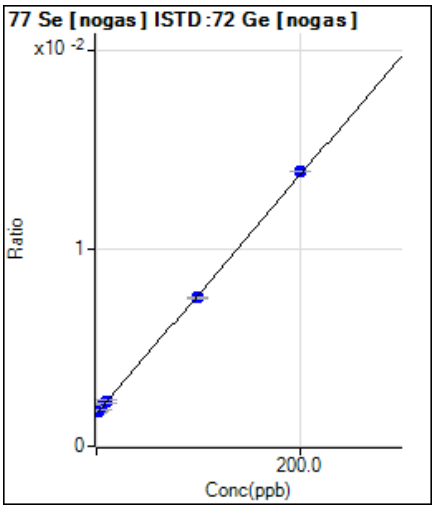
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	388.89	0.0002	P	9.9	
2	☐	2.000	1.959	3748.18	0.0024	P	4.4	-2.0
3	☐	5.000	4.734	8562.04	0.0054	P	3.6	-5.3
4	☐	10.000	9.592	16843.34	0.0107	P	1.8	-4.1
5	☐	100.000	97.749	164485.25	0.1070	P	1.3	-2.3
6	☐	200.000	201.153	335648.22	0.2199	P	2.6	0.6
7	☐	1.000						

y = 0.0011 * x + 2.4435E-004
R = 0.9999
DL = 0.06677 ppb
BEC = 0.2238 ppb

Weight: <None>
Min Conc: <None>

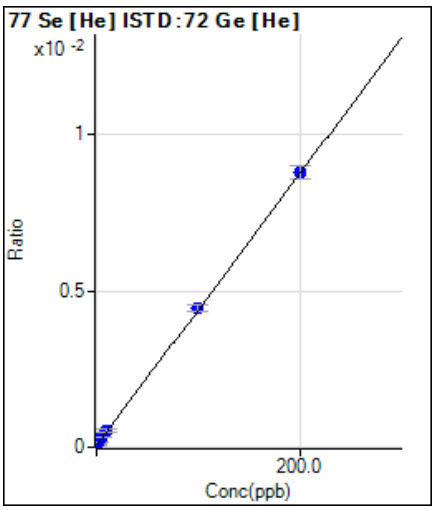


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5130.82	0.0017	P	7.0	
2	☐	2.000	1.243	5397.56	0.0018	P	1.7	-37.
3	☐	5.000	4.227	5937.75	0.0020	P	9.4	-15.
4	☐	10.000	9.204	6881.41	0.0023	P	6.1	-8.0
5	☐	100.000	95.970	22223.75	0.0075	P	1.3	-4.0
6	☐	200.000	202.082	41190.09	0.0139	P	0.5	1.0
7	☐	1.000						

y = 6.0275E-005 * x + 0.0017
R = 0.9997
DL = 6.011 ppb
BEC = 28.5 ppb

Weight: <None>
Min Conc: <None>

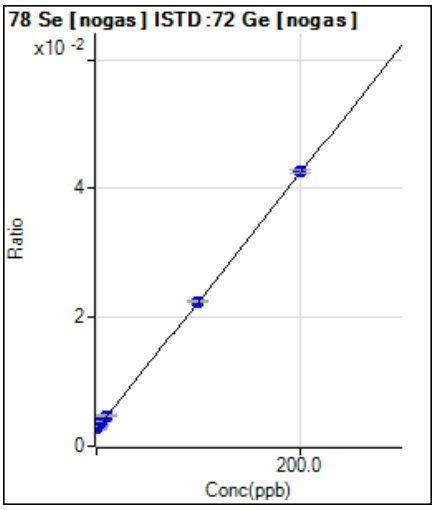
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	156.67	0.0001	P	40.9	
2	☐	2.000	1.341	246.67	0.0002	P	30.2	-33.
3	☐	5.000	4.915	493.35	0.0003	P	10.1	-1.7
4	☐	10.000	10.025	840.04	0.0005	P	13.7	0.3
5	☐	100.000	100.425	6864.76	0.0045	P	5.0	0.4
6	☐	200.000	199.795	13408.48	0.0088	P	4.6	-0.1
7	☐	1.000						

y = 4.3490E-005 * x + 9.8108E-005
R = 1.0000
DL = 2.771 ppb
BEC = 2.256 ppb

Weight: <None>
Min Conc: <None>

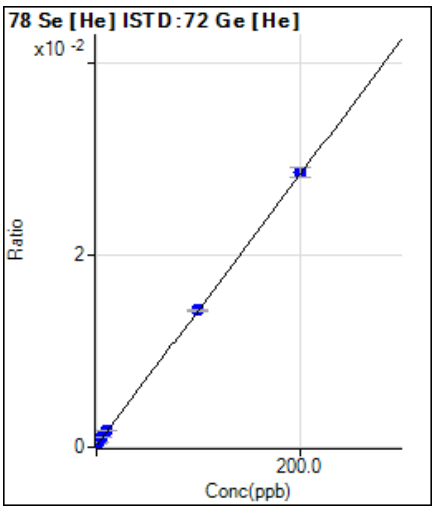


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	8288.70	0.0028	P	6.5	
2	☐	2.000	2.613	9926.21	0.0033	P	5.9	30.7
3	☐	5.000	4.974	11340.35	0.0038	P	1.7	-0.5
4	☐	10.000	9.652	14219.06	0.0047	P	3.5	-3.5
5	☐	100.000	99.041	66625.08	0.0225	P	1.0	-1.0
6	☐	200.000	200.491	126489.93	0.0427	P	1.2	0.2
7	☐	1.000						

y = 1.9903E-004 * x + 0.0028
R = 1.0000
DL = 2.732 ppb
BEC = 13.94 ppb

Weight: <None>
Min Conc: <None>

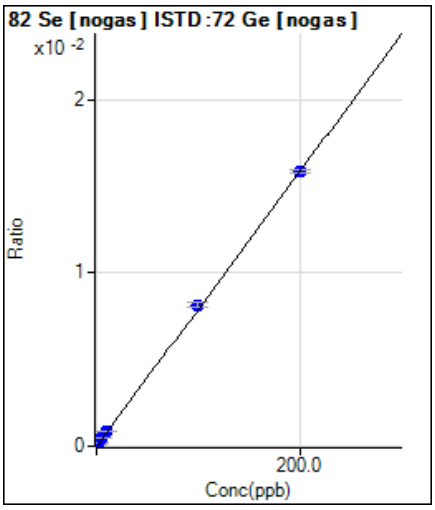
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	498.68	0.0003	P	4.5	
2	☐	2.000	1.882	910.70	0.0006	P	3.3	-5.9
3	☐	5.000	5.040	1622.75	0.0010	P	2.5	0.8
4	☐	10.000	9.740	2656.20	0.0017	P	4.1	-2.6
5	☐	100.000	98.842	21966.56	0.0143	P	1.3	-1.2
6	☐	200.000	200.592	43760.19	0.0287	P	3.1	0.3
7	☐	1.000						

y = 1.4137E-004 * x + 3.1352E-004
R = 1.0000
DL = 0.2974 ppb
BEC = 2.218 ppb

Weight: <None>
Min Conc: <None>

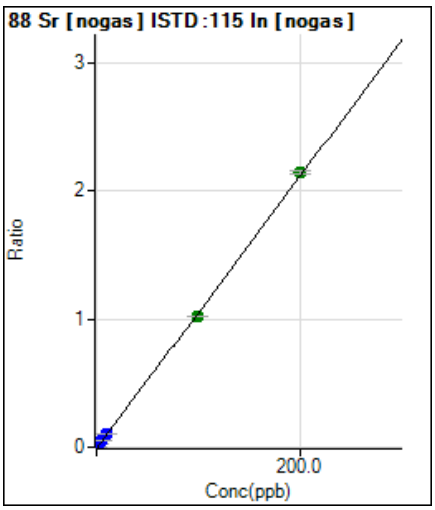


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	203.33	0.0001	P	17.3	
2	☐	2.000	1.642	596.69	0.0002	P	12.2	-17.
3	☐	5.000	4.885	1373.41	0.0005	P	0.7	-2.3
4	☐	10.000	10.185	2656.91	0.0009	P	6.5	1.8
5	☐	100.000	102.002	24209.81	0.0082	P	2.9	2.0
6	☐	200.000	198.996	47061.40	0.0159	P	1.5	-0.5
7	☐	1.000						

y = 7.9456E-005 * x + 6.7921E-005
R = 0.9999
DL = 0.4431 ppb
BEC = 0.8548 ppb

Weight: <None>
Min Conc: <None>

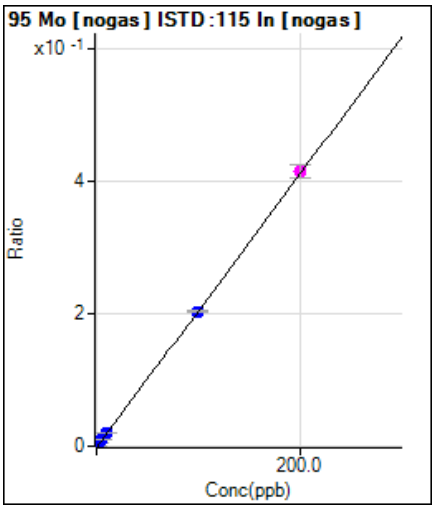
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2520.22	0.0007	P	2.5	
2	☐	2.000	1.955	75159.53	0.0215	P	1.2	-2.2
3	☐	5.000	4.999	183304.01	0.0539	P	0.5	0.0
4	☐	10.000	9.821	364506.87	0.1051	P	1.4	-1.8
5	☐	100.000	96.312	3464618.28	1.0244	A	0.6	-3.7
6	☐	200.000	201.853	7092392.39	2.1462	A	0.7	0.9
7	☐	1.000						

y = 0.0106 * x + 7.3464E-004
R = 0.9998
DL = 0.005212 ppb
BEC = 0.06912 ppb

Weight: <None>
Min Conc: <None>

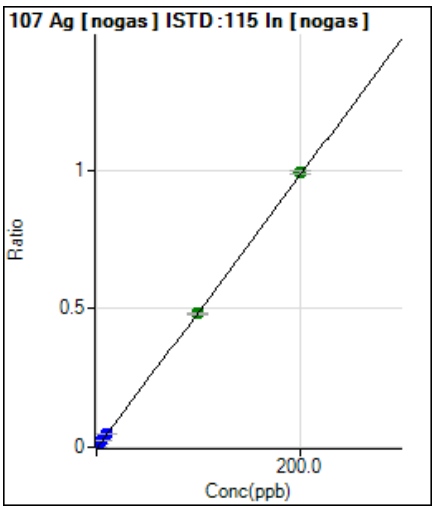


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	250.01	0.0001	P	6.5	
2	☐	2.000	1.963	14439.30	0.0041	P	4.0	-1.8
3	☐	5.000	4.793	33975.81	0.0100	P	3.2	-4.1
4	☐	10.000	9.462	68109.09	0.0196	P	1.8	-5.4
5	☐	100.000	98.131	686704.81	0.2030	P	1.1	-1.9
6	☐	200.000	200.967	1373355.19	0.4157	M	4.8	0.5
7	☐	1.000						

y = 0.0021 * x + 7.2875E-005
R = 0.9999
DL = 0.006911 ppb
BEC = 0.03523 ppb

Weight: <None>
Min Conc: <None>

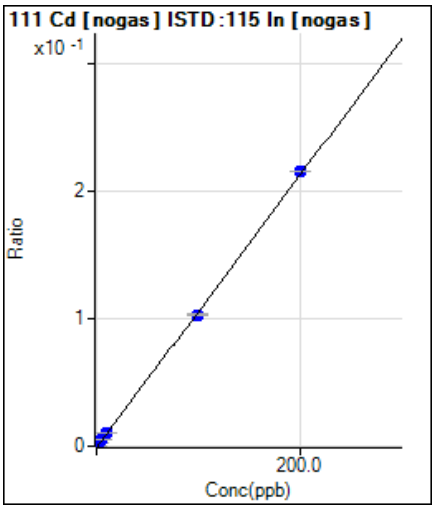
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	66.67	0.0000	P	60.3	
2	☐	2.000	1.997	34480.47	0.0099	P	1.4	-0.2
3	☐	5.000	5.061	85029.40	0.0250	P	2.2	1.2
4	☐	10.000	9.920	169810.14	0.0490	P	2.5	-0.8
5	☐	100.000	97.581	1628674.20	0.4816	A	0.7	-2.4
6	☐	200.000	201.212	3281542.87	0.9930	A	0.6	0.6
7	☐	1.000						

y = 0.0049 * x + 1.9374E-005
R = 0.9999
DL = 0.007102 ppb
BEC = 0.003926 ppb

Weight: <None>
Min Conc: <None>

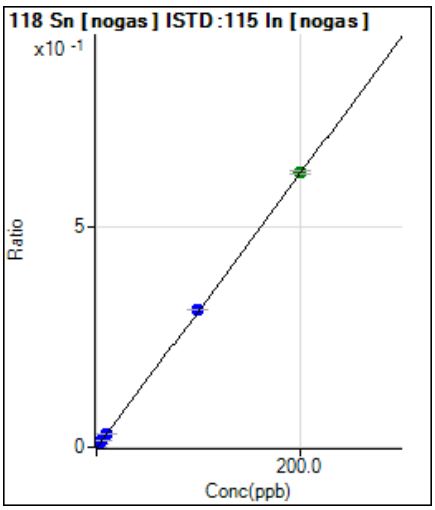


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13.33	0.0000	P	86.6	
2	☐	2.000	1.892	7071.53	0.0020	P	6.8	-5.4
3	☐	5.000	4.788	17412.10	0.0051	P	4.9	-4.2
4	☐	10.000	9.485	35151.86	0.0101	P	2.6	-5.1
5	☐	100.000	96.520	348693.47	0.1031	P	1.2	-3.5
6	☐	200.000	201.772	712261.97	0.2155	P	0.3	0.9
7	☐	1.000						

y = 0.0011 * x + 3.8958E-006
R = 0.9998
DL = 0.009477 ppb
BEC = 0.003647 ppb

Weight: <None>
Min Conc: <None>

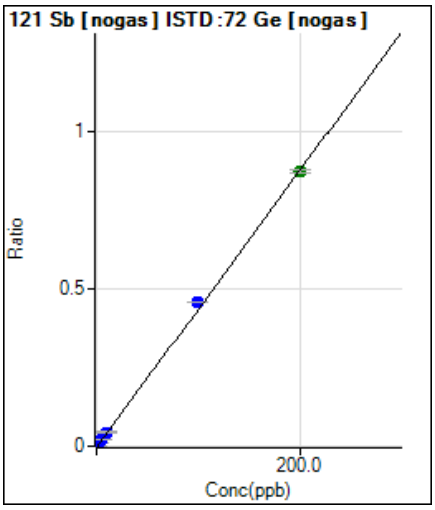
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4156.57	0.0012	P	36.7	
2	☐	2.000	1.798	23853.07	0.0068	P	2.4	-10.
3	☐	5.000	4.877	55945.51	0.0164	P	3.0	-2.5
4	☐	10.000	9.732	109612.80	0.0316	P	0.7	-2.7
5	☐	100.000	99.936	1059661.91	0.3133	P	0.6	-0.1
6	☐	200.000	200.051	2068599.24	0.6260	A	1.3	0.0
7	☐	1.000						

y = 0.0031 * x + 0.0012
R = 1.0000
DL = 0.4279 ppb
BEC = 0.3888 ppb

Weight: <None>
Min Conc: <None>

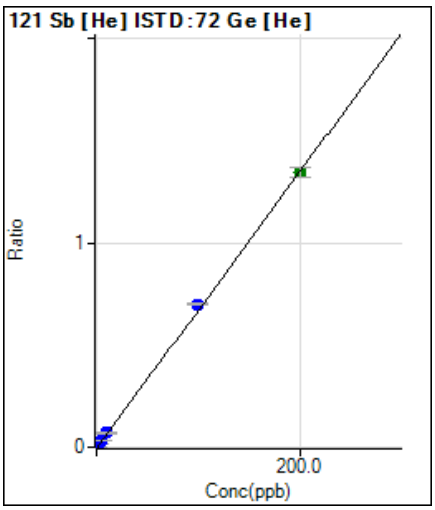


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1170.06	0.0004	P	8.0	
2	☐	2.000	2.048	28386.46	0.0094	P	0.9	2.4
3	☐	5.000	5.134	69390.16	0.0230	P	0.5	2.7
4	☐	10.000	10.062	135588.68	0.0448	P	1.4	0.6
5	☐	100.000	103.586	1355101.23	0.4574	P	0.3	3.6
6	☐	200.000	198.200	2592886.73	0.8748	A	1.3	-0.9
7	☐	1.000						

y = 0.0044 * x + 3.9186E-004
R = 0.9998
DL = 0.02142 ppb
BEC = 0.08882 ppb

Weight: <None>
Min Conc: <None>

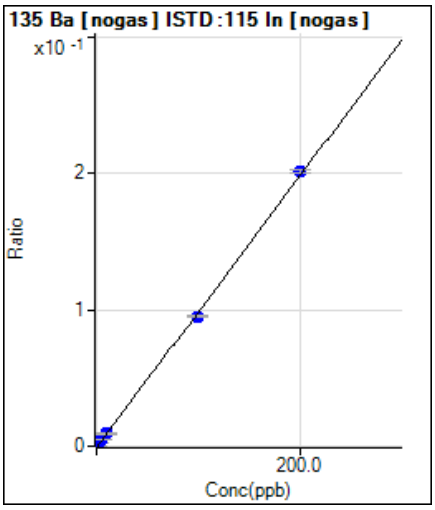
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1033.39	0.0007	P	9.0	
2	☐	2.000	2.017	22501.26	0.0143	P	3.7	0.9
3	☐	5.000	4.942	53979.89	0.0341	P	2.1	-1.2
4	☐	10.000	10.118	108744.44	0.0692	P	1.2	1.2
5	☐	100.000	103.288	1076845.19	0.7004	P	2.2	3.3
6	☐	200.000	198.352	2052214.08	1.3445	A	3.8	-0.8
7	☐	1.000						

y = 0.0068 * x + 6.5014E-004
R = 0.9998
DL = 0.02584 ppb
BEC = 0.09596 ppb

Weight: <None>
Min Conc: <None>

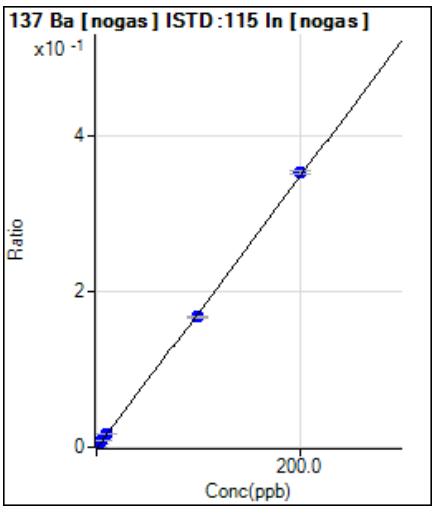


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	230.01	0.0001	P	19.8	
2	☐	2.000	1.864	6711.44	0.0019	P	1.5	-6.8
3	☐	5.000	4.826	16568.10	0.0049	P	4.0	-3.5
4	☐	10.000	9.107	31655.75	0.0091	P	3.0	-8.9
5	☐	100.000	95.601	321992.29	0.0952	P	0.3	-4.4
6	☐	200.000	202.250	665387.70	0.2013	P	1.3	1.1
7	☐	1.000						

y = 9.9514E-004 * x + 6.7124E-005
R = 0.9997
DL = 0.04007 ppb
BEC = 0.06745 ppb

Weight: <None>
Min Conc: <None>

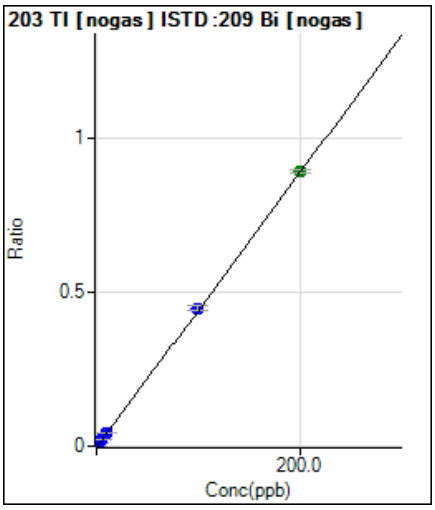
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	406.68	0.0001	P	12.3	
2	☐	2.000	1.866	11804.20	0.0034	P	0.8	-6.7
3	☐	5.000	4.752	28657.38	0.0084	P	1.9	-5.0
4	☐	10.000	9.382	57258.20	0.0165	P	4.4	-6.2
5	☐	100.000	95.816	566764.41	0.1676	P	0.7	-4.2
6	☐	200.000	202.131	1167815.27	0.3534	P	0.6	1.1
7	☐	1.000						

y = 0.0017 * x + 1.1856E-004
R = 0.9997
DL = 0.02497 ppb
BEC = 0.06784 ppb

Weight: <None>
Min Conc: <None>

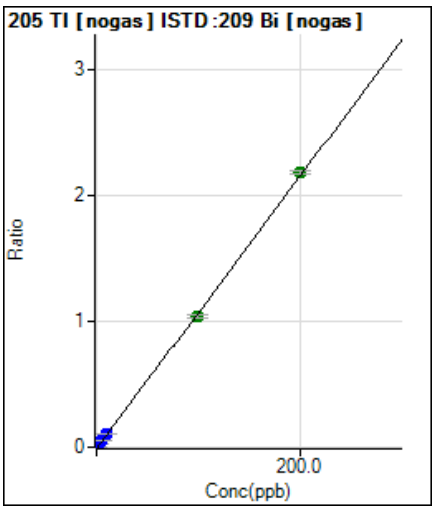


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	86.67	0.0000	P	47.8	
2	☐	2.000	2.017	27683.61	0.0091	P	5.8	0.9
3	☐	5.000	4.908	66259.78	0.0220	P	0.8	-1.8
4	☐	10.000	9.651	132835.11	0.0432	P	2.7	-3.5
5	☐	100.000	100.249	1321770.69	0.4486	P	3.5	0.2
6	☐	200.000	199.895	2557017.30	0.8946	A	1.6	-0.1
7	☐	1.000						

y = 0.0045 * x + 2.8758E-005
R = 1.0000
DL = 0.009217 ppb
BEC = 0.006426 ppb

Weight: <None>
Min Conc: <None>

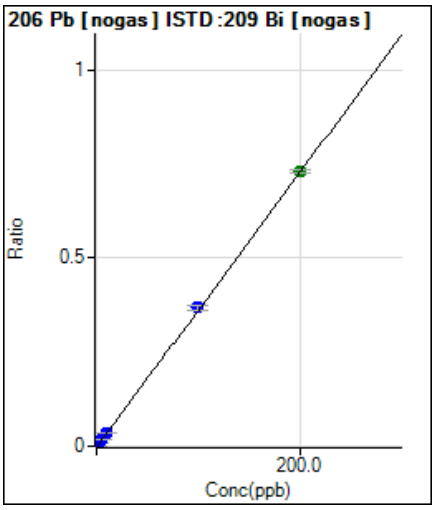
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	196.68	0.0001	P	7.7	
2	☐	2.000	1.938	64372.68	0.0211	P	3.5	-3.1
3	☐	5.000	4.857	158581.83	0.0527	P	3.6	-2.9
4	☐	10.000	9.603	319755.23	0.1040	P	2.1	-4.0
5	☐	100.000	96.316	3072693.91	1.0428	A	2.2	-3.7
6	☐	200.000	201.866	6247133.03	2.1855	A	1.2	0.9
7	☐	1.000						

y = 0.0108 * x + 6.4963E-005
R = 0.9998
DL = 0.001393 ppb
BEC = 0.006001 ppb

Weight: <None>
Min Conc: <None>

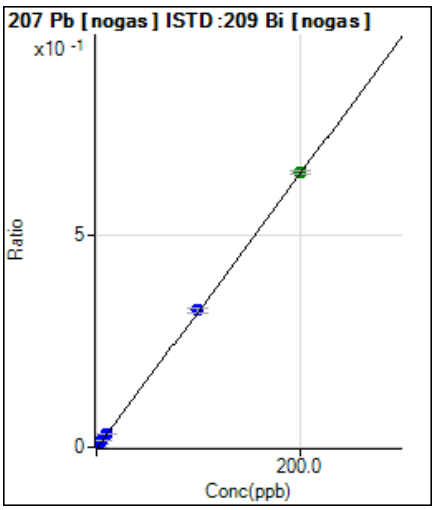


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	306.68	0.0001	P	18.4	
2	☐	2.000	2.006	22759.43	0.0074	P	4.9	0.3
3	☐	5.000	4.973	55126.08	0.0183	P	2.2	-0.5
4	☐	10.000	9.845	111056.60	0.0361	P	2.4	-1.6
5	☐	100.000	100.708	1086259.20	0.3687	P	3.0	0.7
6	☐	200.000	199.654	2089102.94	0.7308	A	1.4	-0.2
7	☐	1.000						

y = 0.0037 * x + 1.0102E-004
R = 1.0000
DL = 0.01525 ppb
BEC = 0.0276 ppb

Weight: <None>
Min Conc: <None>

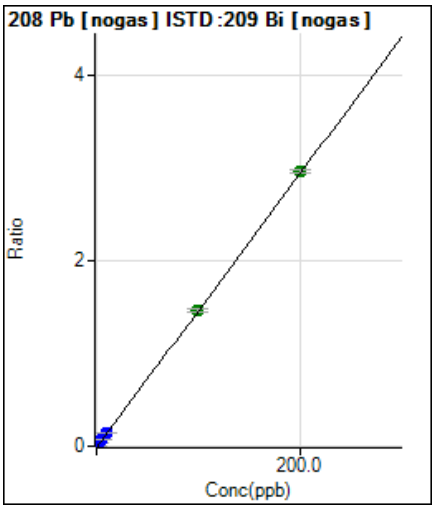
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	206.67	0.0001	P	32.4	
2	☐	2.000	1.940	19481.86	0.0064	P	1.6	-3.0
3	☐	5.000	4.996	49080.22	0.0163	P	1.9	-0.1
4	☐	10.000	9.670	96720.63	0.0315	P	3.2	-3.3
5	☐	100.000	99.553	952622.12	0.3233	P	3.6	-0.4
6	☐	200.000	200.241	1858812.00	0.6503	A	1.7	0.1
7	☐	1.000						

y = 0.0032 * x + 6.8054E-005
R = 1.0000
DL = 0.02038 ppb
BEC = 0.02096 ppb

Weight: <None>
Min Conc: <None>

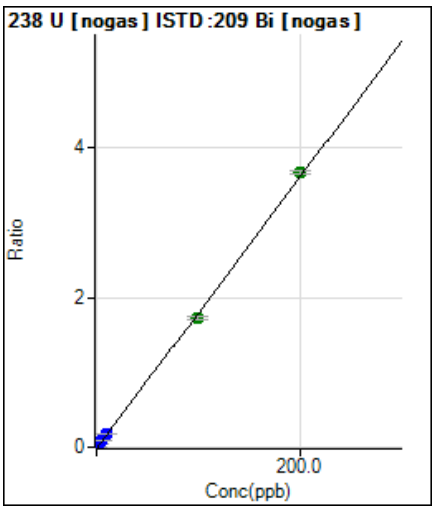


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1123.38	0.0004	P	7.3	
2	☐	2.000	1.980	90753.26	0.0297	P	2.4	-1.0
3	☐	5.000	4.934	221086.62	0.0734	P	1.9	-1.3
4	☐	10.000	9.728	443679.51	0.1443	P	2.5	-2.7
5	☐	100.000	98.624	4301892.07	1.4600	A	2.3	-1.4
6	☐	200.000	200.704	8491787.89	2.9708	A	0.9	0.4
7	☐	1.000						

y = 0.0148 * x + 3.7031E-004
R = 1.0000
DL = 0.005501 ppb
BEC = 0.02502 ppb

Weight: <None>
Min Conc: <None>

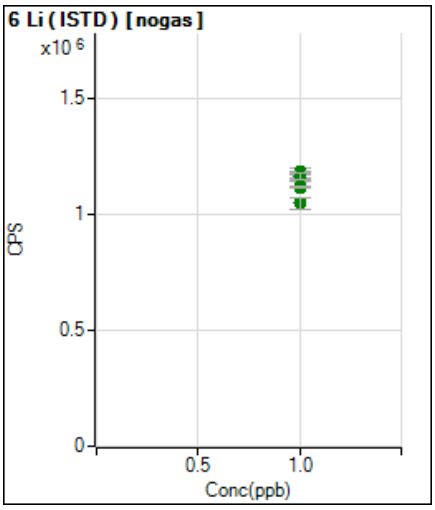
Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	140.00	0.0000	P	27.6	
2	☐	2.000	1.895	105418.15	0.0345	P	2.2	-5.3
3	☐	5.000	4.721	258426.67	0.0858	P	2.3	-5.6
4	☐	10.000	9.343	521782.30	0.1697	P	2.1	-6.6
5	☐	100.000	95.185	5094707.63	1.7290	A	2.0	-4.8
6	☐	200.000	202.448	10511497.76	3.6773	A	1.0	1.2
7	☐	1.000						

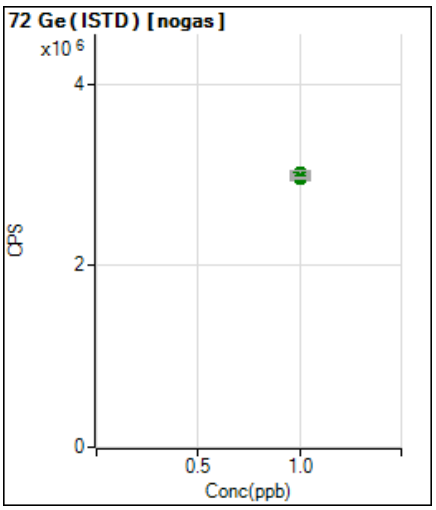
y = 0.0182 * x + 4.6392E-005
R = 0.9996
DL = 0.002113 ppb
BEC = 0.002554 ppb

Weight: <None>
Min Conc: <None>

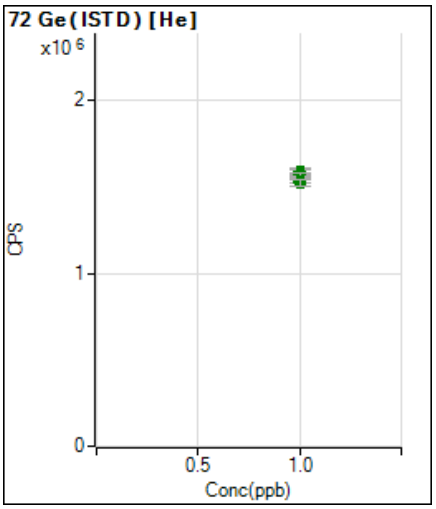


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1187992.33		A	1.8	
2	☐	1.000		1187474.53		A	0.6	
3	☐	1.000		1154236.54		A	1.4	
4	☐	1.000		1165188.60		A	2.7	
5	☐	1.000		1119478.39		A	1.0	
6	☐	1.000		1049027.47		A	4.3	
7	☐	1.000						

Calibration for 015_ICV.d

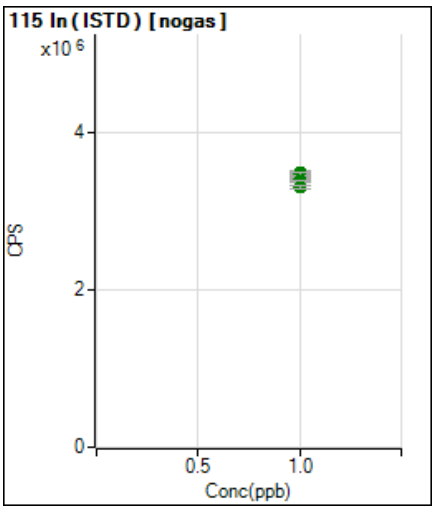


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2988430.99		A	1.6	
2	☐	1.000		3011293.08		A	1.5	
3	☐	1.000		3011432.25		A	0.8	
4	☐	1.000		3028012.97		A	1.6	
5	☐	1.000		2962673.81		A	1.5	
6	☐	1.000		2963759.75		A	0.4	
7	☐	1.000						

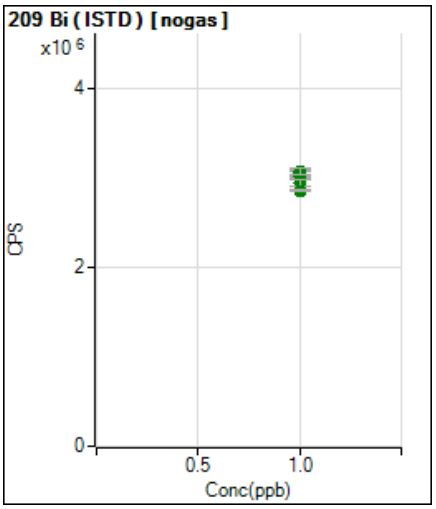


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1591742.95		A	2.4	
2	☐	1.000		1571906.96		A	1.6	
3	☐	1.000		1581998.68		A	2.1	
4	☐	1.000		1571572.89		A	1.0	
5	☐	1.000		1537651.23		A	1.5	
6	☐	1.000		1527100.71		A	2.8	
7	☐	1.000						

Calibration for 015_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3430136.86		A	0.8	
2	☐	1.000		3492989.13		A	1.0	
3	☐	1.000		3403102.86		A	2.2	
4	☐	1.000		3467870.26		A	0.9	
5	☐	1.000		3382107.91		A	0.8	
6	☐	1.000		3304749.46		A	1.2	
7	☐	1.000						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3030667.14		A	2.5	
2	☐	1.000		3059932.87		A	2.7	
3	☐	1.000		3012957.46		A	1.5	
4	☐	1.000		3074523.29		A	1.8	
5	☐	1.000		2947482.87		A	2.1	
6	☐	1.000		2858492.77		A	0.3	
7	☐	1.000						

Initial Calibration Verification (ICV) Report

Sample Table

Sample Name	ICV
Data File Name	015_ICV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:48:22-06:00
Sample Type	ICV
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	101.790	2.165	511056	0.09	100	101.8	90	110	
B	11	1	nogas	502.493	3.344	1605568	1.32	500	100.5	90	110	
Al	27	1	nogas	104.821	1.506	1743853	1.67	100	104.8	90	110	
P	31	1	nogas	514.013	0.273	507769	0.93	500	102.8	90	110	
Ti	47	1	nogas	101.109	0.539	203020	1.38	100	101.1	90	110	
Ni	60	1	nogas	104.937	0.974	582063	1.26	100	104.9	90	110	
Cu	63	1	nogas	107.031	0.023	1340132	0.87	100	107.0	90	110	
Zn	66	1	nogas	107.914	0.163	381565	0.80	100	107.9	90	110	
Se	77	1	nogas	95.236	2.330	22578	1.83	100	95.2	90	110	
Se	82	1	nogas	106.819	1.468	25899	0.94	100	106.8	90	110	
Sr	88	1	nogas	101.556	1.223	3690377	2.06	100	101.6	90	110	
Mo	95	1	nogas	101.883	1.352	720151	1.76	100	101.9	90	110	
Ag	107	1	nogas	101.656	0.886	1713815	0.21	100	101.7	90	110	
Cd	111	1	nogas	101.824	1.391	371615	2.43	100	101.8	90	110	
Sn	118	1	nogas	104.958	1.521	1123987	1.80	100	105.0	90	110	
Sb	121	1	nogas	103.499	4.305	1383285	3.56	100	103.5	90	110	
Ba	137	1	nogas	101.409	0.890	605880	1.39	100	101.4	90	110	
Tl	205	1	nogas	103.639	2.754	3323526	1.87	100	103.6	90	110	
Pb	208	1	nogas	103.364	2.351	4532282	1.52	100	103.4	90	110	
U	238	1	nogas	98.923	2.298	5322288	1.29	100	98.9	90	110	
Li	7	1	nogas	105.507	2.083	1704205	1.32	100	105.5	90	110	
Si	28	1	nogas	6194.885	1.451	5608837	1.65	5000	123.9	90	110	ICV Main CR1 Failed
Ba	135	1	nogas	101.178	1.049	344209	1.51	100	101.2	90	110	
Tl	203	1	nogas	107.889	3.425	1430039	2.44	100	107.9	90	110	
Na	23	2	He	10466.579	1.109	26104240	0.83	10000	104.7	90	110	
Mg	24	2	He	10430.019	1.929	16876640	0.17	10000	104.3	90	110	
Al	27	2	He	102.968	1.900	150168	0.10	100	103.0	90	110	
K	39	2	He	10416.662	1.093	25700633	0.70	10000	104.2	90	110	
Ca	43	2	He	10336.237	3.138	78430	1.35	10000	103.4	90	110	
Ca	44	2	He	10632.643	1.414	1302336	0.74	10000	106.3	90	110	
V	51	2	He	105.957	1.449	1261655	0.85	100	106.0	90	110	
Cr	52	2	He	105.324	1.462	1315723	0.88	100	105.3	90	110	
Mn	55	2	He	106.828	1.589	1232137	1.09	100	106.8	90	110	
Fe	56	2	He	10380.466	2.860	120123722	1.38	10000	103.8	90	110	
Co	59	2	He	103.734	0.852	1639077	0.94	100	103.7	90	110	
Ni	60	2	He	104.182	2.170	421520	1.06	100	104.2	90	110	
Cu	63	2	He	105.570	1.376	1037008	1.14	100	105.6	90	110	
Zn	66	2	He	105.812	1.281	237679	0.76	100	105.8	90	110	
As	75	2	He	105.550	0.679	182721	1.42	100	105.5	90	110	
Sb	121	2	He	108.438	2.031	1163098	0.83	100	108.4	90	110	
Se	78	2	He	106.122	1.735	24227	1.00	100	106.1	90	110	
Ti	47	2	He	100.509	3.463	60083	1.94	100	100.5	90	110	

QC ISTD Table

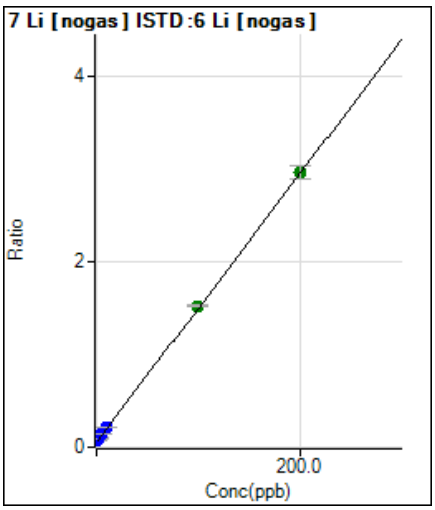
Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3027410	0.85	2988431	101.30	70	120	
In	115	1	nogas	3416362	1.10	3430137	99.60	70	120	
Li	6	1	nogas	1107053	2.10	1187992	93.19	70	120	
Bi	209	1	nogas	2962421	1.02	3030667	97.75	70	120	
Ge	72	2	He	1582056	1.79	1591743	99.39	70	120	

Calibration for 131_ICV.d

Batch Folder:	C:\Agilent\ICPMH\1\DATA\012621A.b\
Analysis File:	012621A.batch.bin
DA Date-Time:	1/26/2021 11:00:38 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	

Level	Standard Data File	Sample Name	Acq. Date-Time
1	124CALB.d	CAL BLK	1/26/2021 2:26:28 PM
2	125CALS.d	2/10/200	1/26/2021 2:28:30 PM
3	126CALS.d	5/25/500	1/26/2021 2:30:32 PM
4	127CALS.d	10/50/1000	1/26/2021 2:32:32 PM
5	128CALS.d	100/500/10K	1/26/2021 2:34:32 PM
6	129CALS.d	200/1000/20K	1/26/2021 2:36:25 PM
7			

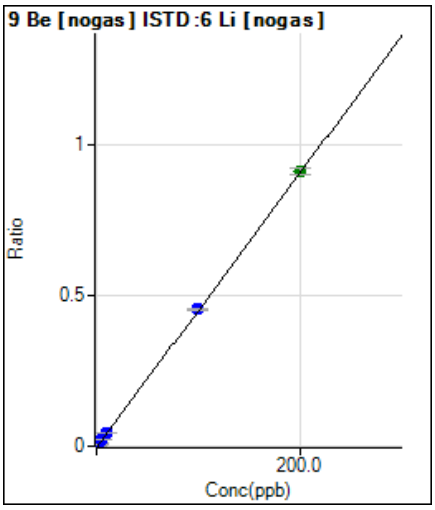
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	100724.67	0.0678	P	2.6	
2	☐	2.000	2.090	142102.76	0.0981	P	1.7	4.5
3	☐	5.000	4.965	201355.61	0.1397	P	2.8	-0.7
4	☐	10.000	9.922	296067.28	0.2114	P	0.6	-0.8
5	☐	100.000	100.141	2035972.05	1.5174	A	1.1	0.1
6	☐	200.000	199.933	3805847.65	2.9619	A	4.6	0.0
7	☐	1.000						

y = 0.0145 * x + 0.0678
R = 1.0000
DL = 0.3584 ppb
BEC = 4.685 ppb

Weight: <None>
Min Conc: <None>

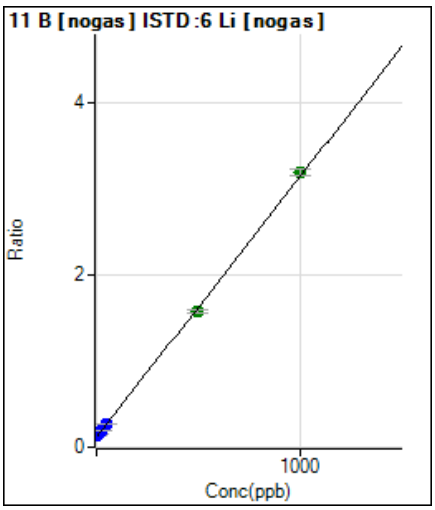


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	35.00	0.0000	P	11.3	
2	☐	2.000	1.825	12097.20	0.0083	P	2.6	-8.8
3	☐	5.000	4.521	29726.26	0.0207	P	6.9	-9.6
4	☐	10.000	9.245	59096.52	0.0422	P	1.7	-7.5
5	☐	100.000	99.729	610515.86	0.4550	P	1.6	-0.3
6	☐	200.000	200.187	1173911.73	0.9134	A	3.0	0.1
7	☐	1.000						

y = 0.0046 * x + 2.3498E-005
R = 1.0000
DL = 0.001748 ppb
BEC = 0.00515 ppb

Weight: <None>
Min Conc: <None>

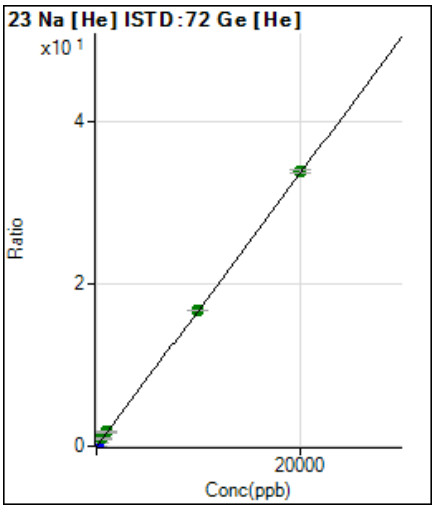
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	198331.93	0.1336	P	3.6	
2	☐	10.000	7.534	226566.52	0.1563	P	1.9	-24.
3	☐	25.000	18.806	274255.11	0.1905	P	5.7	-24.
4	☐	50.000	45.368	379230.48	0.2708	P	1.6	-9.3
5	☐	500.000	477.865	2119176.12	1.5796	A	3.0	-4.4
6	☐	1000.000	1011.479	4106437.65	3.1944	A	2.2	1.1
7	☐	5.000						

y = 0.0030 * x + 0.1336
R = 0.9997
DL = 4.818 ppb
BEC = 44.13 ppb

Weight: <None>
Min Conc: <None>

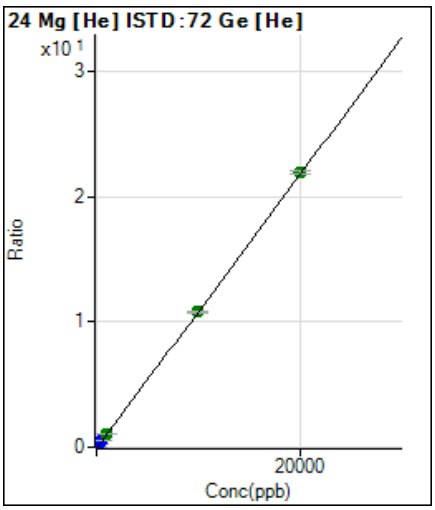


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	188470.28	0.1001	P	2.4	
2	☐	200.000	199.907	811520.53	0.4360	P	2.4	0.0
3	☐	500.000	488.585	1688451.48	0.9210	A	2.2	-2.3
4	☐	1000.000	976.529	3177749.43	1.7409	A	2.6	-2.3
5	☐	10000.00	9877.366	30348412.05	16.6961	A	1.1	-1.2
6	☐	20000.00	20062.77	60052135.77	33.8096	A	0.7	0.3
7	☐	100.000						

y = 0.0017 * x + 0.1001
R = 1.0000
DL = 4.288 ppb
BEC = 59.58 ppb

Weight: <None>
Min Conc: <None>

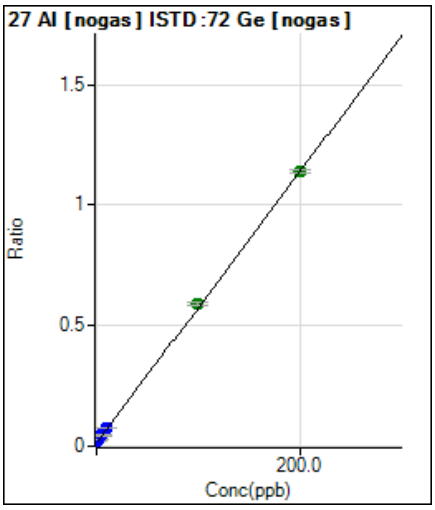
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4583.96	0.0024	P	4.2	
2	☐	200.000	205.439	423023.59	0.2272	P	1.2	2.7
3	☐	500.000	510.647	1028742.38	0.5612	P	2.2	2.1
4	☐	1000.000	986.325	1974788.62	1.0817	A	1.6	-1.4
5	☐	10000.00	9877.896	19651084.29	10.8111	A	1.3	-1.2
6	☐	20000.00	20061.41	38994151.92	21.9542	A	1.3	0.3
7	☐	100.000						

y = 0.0011 * x + 0.0024
R = 1.0000
DL = 0.2794 ppb
BEC = 2.225 ppb

Weight: <None>
Min Conc: <None>

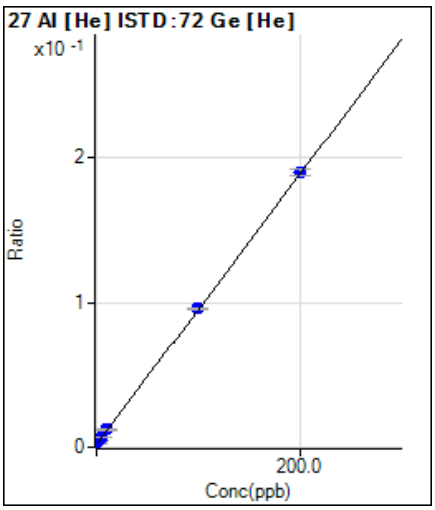


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	71123.08	0.0190	P	3.2	
2	☐	2.000	1.942	111920.48	0.0299	P	0.9	-2.9
3	☐	5.000	4.792	172757.37	0.0460	P	10.2	-4.2
4	☐	10.000	10.469	291237.01	0.0780	P	0.8	4.7
5	☐	100.000	101.748	2160902.73	0.5923	A	1.7	1.7
6	☐	200.000	199.108	4129632.65	1.1408	A	1.7	-0.4
7	☐	1.000						

y = 0.0056 * x + 0.0190
R = 0.9999
DL = 0.3192 ppb
BEC = 3.373 ppb

Weight: <None>
Min Conc: <None>

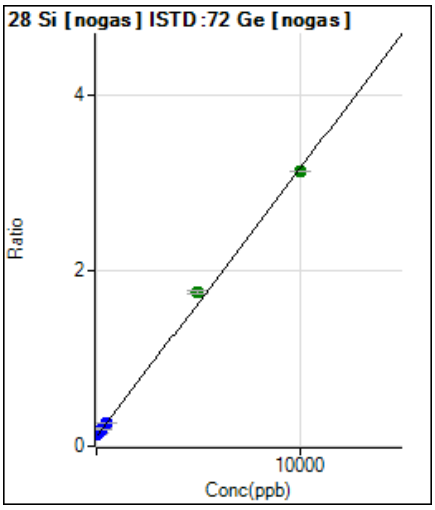
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5410.85	0.0029	P	3.0	
2	☐	2.000	1.807	8485.38	0.0046	P	6.3	-9.6
3	☐	5.000	4.560	13067.99	0.0071	P	3.6	-8.8
4	☐	10.000	9.853	22043.00	0.0121	P	2.6	-1.5
5	☐	100.000	99.449	173978.34	0.0957	P	1.0	-0.6
6	☐	200.000	200.296	337194.50	0.1899	P	2.1	0.1
7	☐	1.000						

y = 9.3356E-004 * x + 0.0029
R = 1.0000
DL = 0.2747 ppb
BEC = 3.078 ppb

Weight: <None>
Min Conc: <None>

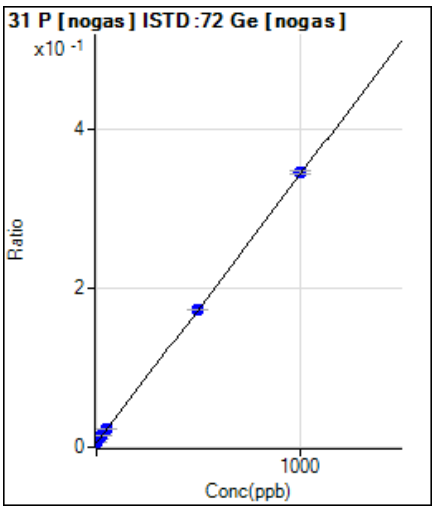


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	465589.44	0.1244	P	2.3	
2	☐	100.000	87.389	564799.68	0.1511	P	1.3	-12.
3	☐	250.000	218.496	719063.89	0.1912	P	7.9	-12.
4	☐	500.000	471.635	1003282.88	0.2687	P	0.2	-5.7
5	☐	5000.000	5325.150	6398100.95	1.7532	A	2.2	6.5
6	☐	10000.00	9839.757	11346065.66	3.1341	A	0.4	-1.6
7	☐	50.000						

y = 3.0588E-004 * x + 0.1244
R = 0.9992
DL = 27.62 ppb
BEC = 406.7 ppb

Weight: <None>
Min Conc: <None>

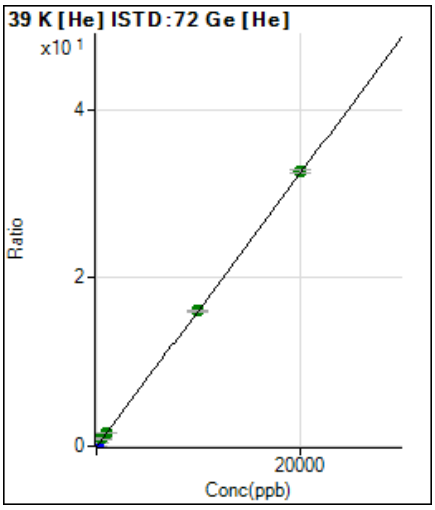
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	26271.75	0.0070	P	0.5	
2	☐	10.000	9.421	38095.10	0.0102	P	1.6	-5.8
3	☐	25.000	23.395	56029.52	0.0149	P	8.7	-6.4
4	☐	50.000	49.125	88067.02	0.0236	P	2.1	-1.8
5	☐	500.000	491.897	630821.76	0.1729	P	0.5	-1.6
6	☐	1000.000	1004.141	1251184.15	0.3456	P	1.2	0.4
7	☐	5.000						

y = 3.3721E-004 * x + 0.0070
R = 1.0000
DL = 0.3296 ppb
BEC = 20.81 ppb

Weight: <None>
Min Conc: <None>

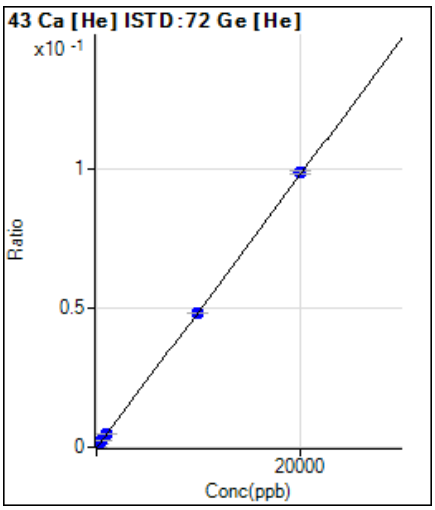


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	148707.58	0.0790	P	2.6	
2	☐	200.000	203.436	762456.94	0.4096	P	1.1	1.7
3	☐	500.000	498.310	1629382.42	0.8887	A	1.3	-0.3
4	☐	1000.000	970.795	3023998.19	1.6564	A	1.3	-2.9
5	☐	10000.00	9858.388	29260282.07	16.0980	A	1.2	-1.4
6	☐	20000.00	20072.27	58068680.80	32.6947	A	1.3	0.4
7	☐	100.000						

y = 0.0016 * x + 0.0790
R = 1.0000
DL = 3.841 ppb
BEC = 48.61 ppb

Weight: <None>
Min Conc: <None>

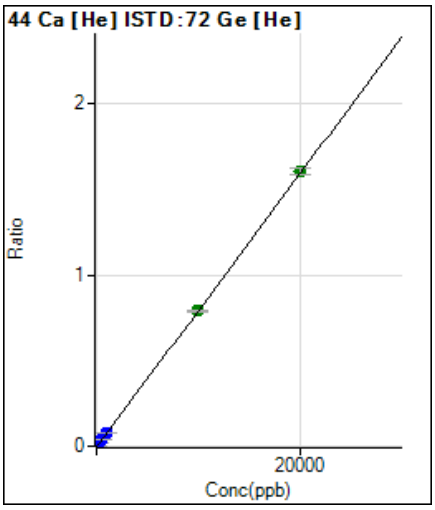
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	303.34	0.0002	P	11.8	
2	☐	200.000	169.409	1850.13	0.0010	P	2.6	-15.
3	☐	500.000	462.740	4463.93	0.0024	P	2.1	-7.5
4	☐	1000.000	962.242	8925.60	0.0049	P	1.1	-3.8
5	☐	10000.00	9811.602	87911.94	0.0484	P	0.5	-1.9
6	☐	20000.00	20097.32	175664.55	0.0989	P	0.8	0.5
7	☐	100.000						

y = 4.9129E-006 * x + 1.6114E-004
R = 0.9999
DL = 11.6 ppb
BEC = 32.8 ppb

Weight: <None>
Min Conc: <None>

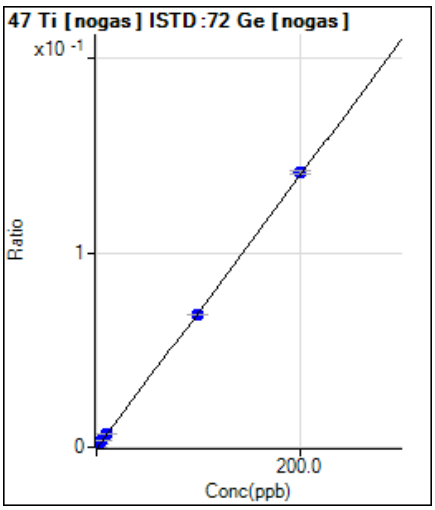


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3653.76	0.0019	P	10.6	
2	☐	200.000	197.924	33082.84	0.0178	P	1.9	-1.0
3	☐	500.000	494.653	76094.42	0.0415	P	1.9	-1.1
4	☐	1000.000	981.533	146873.49	0.0805	P	0.6	-1.8
5	☐	10000.00	9859.991	1437064.09	0.7906	A	1.4	-1.4
6	☐	20000.00	20071.08	2855224.33	1.6073	A	2.5	0.4
7	☐	100.000						

y = 7.9986E-005 * x + 0.0019
R = 1.0000
DL = 7.732 ppb
BEC = 24.27 ppb

Weight: <None>
Min Conc: <None>

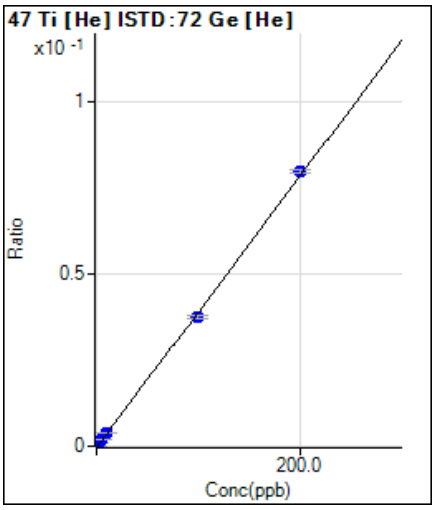
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	116.67	0.0000	P	21.2	
2	☐	2.000	1.867	5014.08	0.0013	P	2.7	-6.6
3	☐	5.000	4.672	12457.61	0.0033	P	6.5	-6.6
4	☐	10.000	9.537	25110.56	0.0067	P	2.0	-4.6
5	☐	100.000	97.317	249307.26	0.0683	P	0.3	-2.7
6	☐	200.000	201.374	511694.50	0.1414	P	1.2	0.7
7	☐	1.000						

y = 7.0178E-004 * x + 3.1234E-005
R = 0.9999
DL = 0.02825 ppb
BEC = 0.04451 ppb

Weight: <None>
Min Conc: <None>

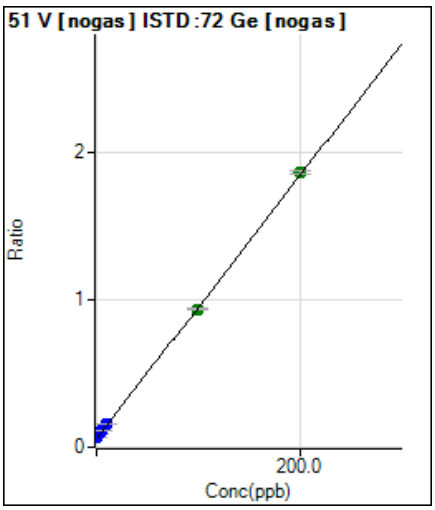


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	16.67	0.0000	P	91.4	
2	☐	2.000	2.055	1523.42	0.0008	P	11.8	2.7
3	☐	5.000	4.636	3363.69	0.0018	P	8.7	-7.3
4	☐	10.000	9.683	6984.78	0.0038	P	3.9	-3.2
5	☐	100.000	95.163	68224.38	0.0375	P	3.3	-4.8
6	☐	200.000	202.443	141807.17	0.0798	P	0.9	1.2
7	☐	1.000						

y = 3.9432E-004 * x + 8.8752E-006
R = 0.9996
DL = 0.06174 ppb
BEC = 0.02251 ppb

Weight: <None>
Min Conc: <None>

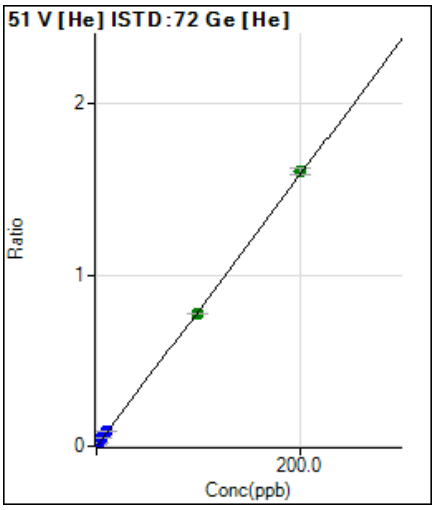
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	252482.59	0.0674	P	1.0	
2	☐	2.000	2.089	321671.93	0.0861	P	1.8	4.4
3	☐	5.000	5.016	421729.56	0.1122	P	8.0	0.3
4	☐	10.000	10.379	597480.69	0.1600	P	0.4	3.8
5	☐	100.000	97.282	3410927.97	0.9349	A	1.5	-2.7
6	☐	200.000	201.339	6743278.02	1.8627	A	0.8	0.7
7	☐	1.000						

y = 0.0089 * x + 0.0674
R = 0.9999
DL = 0.2286 ppb
BEC = 7.564 ppb

Weight: <None>
Min Conc: <None>

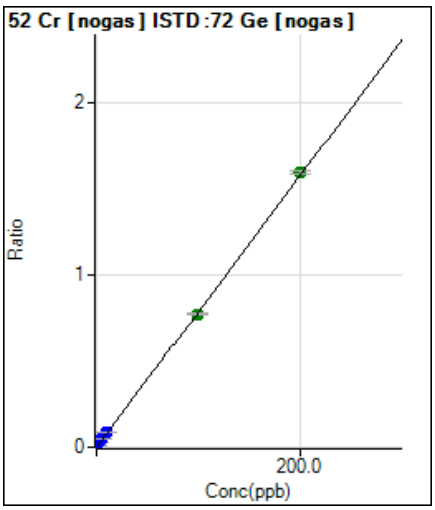


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	12135.10	0.0064	P	0.5	
2	☐	2.000	1.993	41421.37	0.0222	P	1.3	-0.3
3	☐	5.000	4.978	84171.87	0.0459	P	2.1	-0.4
4	☐	10.000	9.940	155662.68	0.0853	P	1.4	-0.6
5	☐	100.000	96.793	1407023.17	0.7740	A	0.7	-3.2
6	☐	200.000	201.607	2851505.02	1.6052	A	2.4	0.8
7	☐	1.000						

y = 0.0079 * x + 0.0064
R = 0.9998
DL = 0.01252 ppb
BEC = 0.8127 ppb

Weight: <None>
Min Conc: <None>

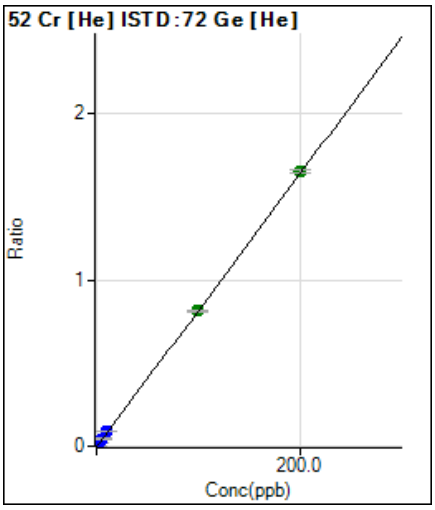
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	29006.19	0.0077	P	1.3	
2	☐	2.000	2.174	92917.54	0.0249	P	1.6	8.7
3	☐	5.000	5.036	178191.64	0.0474	P	7.8	0.7
4	☐	10.000	10.239	329929.48	0.0883	P	0.2	2.4
5	☐	100.000	96.765	2807518.92	0.7695	A	1.4	-3.2
6	☐	200.000	201.603	5772862.62	1.5947	A	1.1	0.8
7	☐	1.000						

y = 0.0079 * x + 0.0077
R = 0.9998
DL = 0.03808 ppb
BEC = 0.9843 ppb

Weight: <None>
Min Conc: <None>

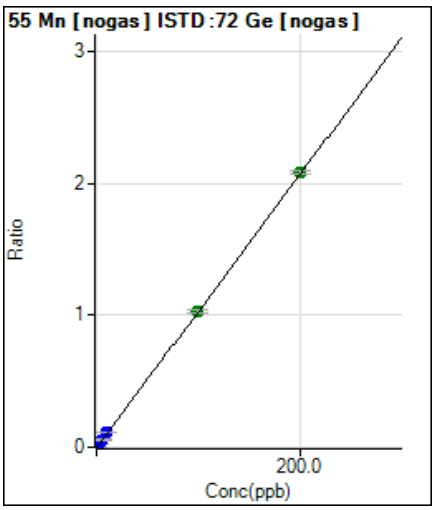


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4647.32	0.0025	P	7.0	
2	☐	2.000	2.089	36549.52	0.0196	P	3.1	4.4
3	☐	5.000	5.083	81099.22	0.0442	P	3.6	1.7
4	☐	10.000	10.216	157823.13	0.0864	P	0.7	2.2
5	☐	100.000	98.451	1475373.94	0.8117	A	1.4	-1.5
6	☐	200.000	200.761	2935414.64	1.6527	A	1.7	0.4
7	☐	1.000						

y = 0.0082 * x + 0.0025
R = 1.0000
DL = 0.063 ppb
BEC = 0.3003 ppb

Weight: <None>
Min Conc: <None>

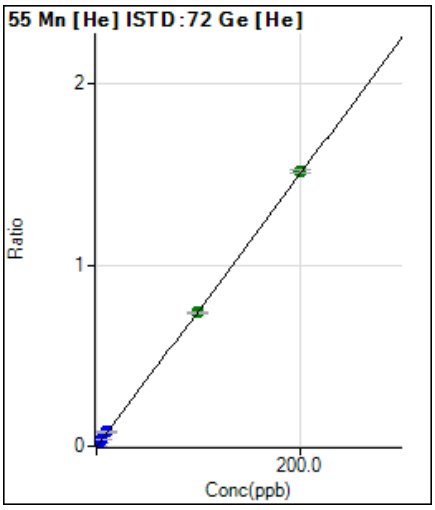
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	14685.99	0.0039	P	4.9	
2	☐	2.000	2.162	98403.37	0.0263	P	1.1	8.1
3	☐	5.000	4.961	207887.85	0.0553	P	9.5	-0.8
4	☐	10.000	10.182	408725.14	0.1095	P	1.0	1.8
5	☐	100.000	98.993	3757269.32	1.0299	A	2.3	-1.0
6	☐	200.000	200.494	7536424.68	2.0818	A	1.8	0.2
7	☐	1.000						

y = 0.0104 * x + 0.0039
R = 1.0000
DL = 0.05595 ppb
BEC = 0.3788 ppb

Weight: <None>
Min Conc: <None>

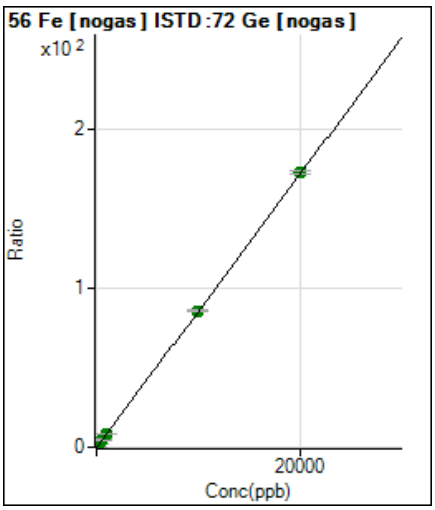


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3667.09	0.0019	P	5.9	
2	☐	2.000	2.130	33507.21	0.0180	P	1.3	6.5
3	☐	5.000	4.899	71263.55	0.0389	P	2.5	-2.0
4	☐	10.000	10.131	142946.77	0.0783	P	2.8	1.3
5	☐	100.000	97.807	1343651.44	0.7392	A	0.9	-2.2
6	☐	200.000	201.091	2696001.00	1.5178	A	0.8	0.5
7	☐	1.000						

y = 0.0075 * x + 0.0019
R = 0.9999
DL = 0.04607 ppb
BEC = 0.2583 ppb

Weight: <None>
Min Conc: <None>

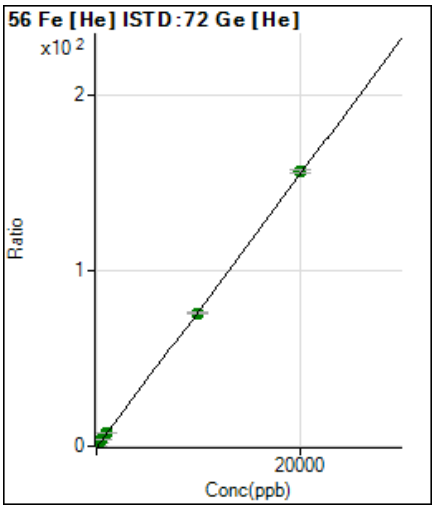
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1813688.51	0.4846	A	1.9	
2	☐	200.000	197.039	8147485.71	2.1801	A	0.7	-1.5
3	☐	500.000	474.227	17156191.41	4.5653	A	8.9	-5.2
4	☐	1000.000	954.359	32476822.02	8.6969	A	0.5	-4.6
5	☐	10000.00	9927.870	313481661.9	85.9144	A	0.4	-0.7
6	☐	20000.00	20039.02	625996644.0	172.921	A	0.7	0.2
7	☐	100.000						

y = 0.0086 * x + 0.4846
R = 1.0000
DL = 3.156 ppb
BEC = 56.31 ppb

Weight: <None>
Min Conc: <None>

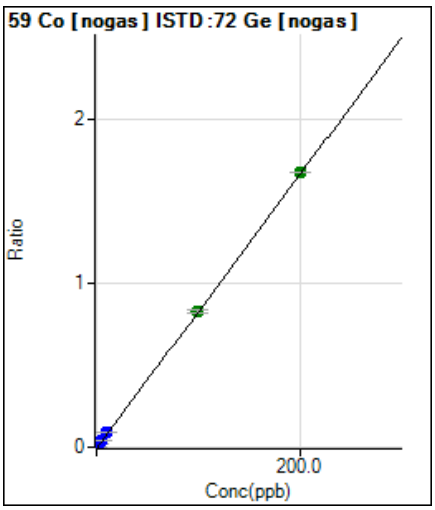


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	46819.28	0.0249	P	2.1	
2	☐	200.000	197.803	2914062.45	1.5654	A	1.4	-1.1
3	☐	500.000	483.119	6942780.52	3.7874	A	2.2	-3.4
4	☐	1000.000	973.734	13889611.87	7.6083	A	1.1	-2.6
5	☐	10000.00	9739.356	137918637.9	75.8750	A	0.7	-2.6
6	☐	20000.00	20132.07	278527215.8	156.813	A	0.9	0.7
7	☐	100.000						

y = 0.0078 * x + 0.0249
R = 0.9999
DL = 0.2008 ppb
BEC = 3.193 ppb

Weight: <None>
Min Conc: <None>

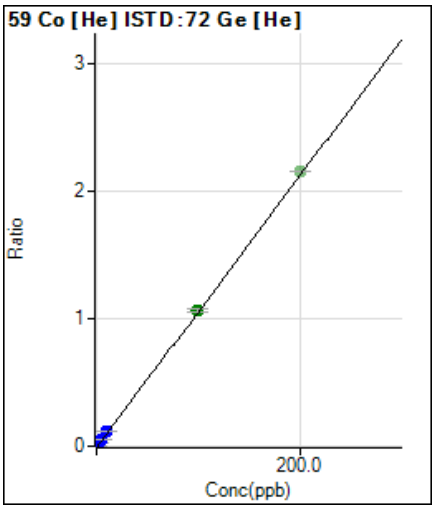
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	476.68	0.0001	P	32.8	
2	☐	2.000	2.071	65027.49	0.0174	P	1.0	3.5
3	☐	5.000	5.113	160691.52	0.0428	P	9.4	2.3
4	☐	10.000	10.314	321751.35	0.0862	P	0.3	3.1
5	☐	100.000	98.888	3009659.33	0.8249	A	2.4	-1.1
6	☐	200.000	200.537	6055671.99	1.6728	A	0.5	0.3
7	☐	1.000						

y = 0.0083 * x + 1.2673E-004
R = 1.0000
DL = 0.01495 ppb
BEC = 0.01519 ppb

Weight: <None>
Min Conc: <None>

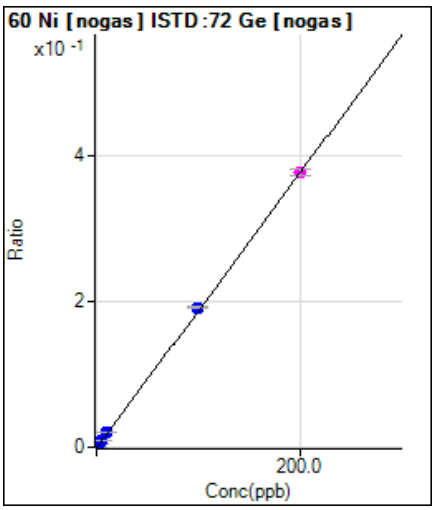


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	290.01	0.0002	P	9.8	
2	☐	2.000	2.086	41613.82	0.0224	P	1.9	4.3
3	☐	5.000	5.188	101533.77	0.0554	P	1.4	3.8
4	☐	10.000	10.468	203698.75	0.1116	P	2.0	4.7
5	☐	100.000	99.942	1934035.23	1.0641	A	2.1	-0.1
6	☑	200.000		3821830.98	2.1515	A	0.6	
7	☐	1.000						

y = 0.0106 * x + 1.5409E-004
R = 1.0000
DL = 0.00426 ppb
BEC = 0.01447 ppb

Weight: <None>
Min Conc: <None>

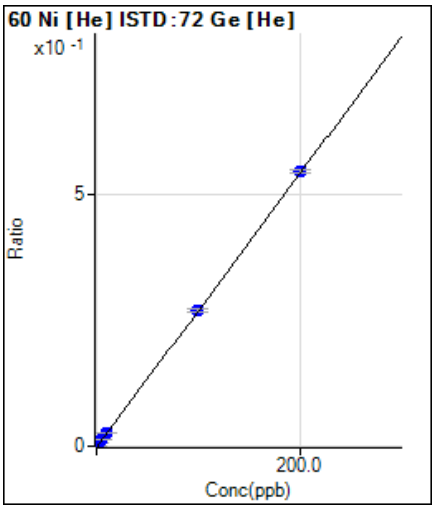
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1273.40	0.0003	P	5.4	
2	☐	2.000	2.044	15680.19	0.0042	P	2.0	2.2
3	☐	5.000	4.959	36459.69	0.0097	P	8.1	-0.8
4	☐	10.000	10.203	73157.93	0.0196	P	0.2	2.0
5	☐	100.000	101.136	697439.91	0.1911	P	0.9	1.1
6	☐	200.000	199.422	1363171.02	0.3766	M	2.0	-0.3
7	☐	1.000						

y = 0.0019 * x + 3.4036E-004
R = 1.0000
DL = 0.02908 ppb
BEC = 0.1804 ppb

Weight: <None>
Min Conc: <None>

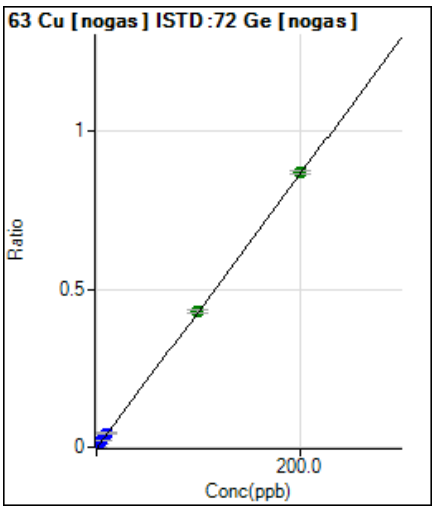


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	640.02	0.0003	P	11.7	
2	☐	2.000	2.058	11056.79	0.0059	P	3.1	2.9
3	☐	5.000	4.899	25064.02	0.0137	P	3.0	-2.0
4	☐	10.000	10.069	50649.60	0.0277	P	0.9	0.7
5	☐	100.000	98.857	489603.40	0.2694	P	2.2	-1.1
6	☐	200.000	200.570	970100.11	0.5462	P	1.1	0.3
7	☐	1.000						

y = 0.0027 * x + 3.4012E-004
R = 1.0000
DL = 0.04388 ppb
BEC = 0.125 ppb

Weight: <None>
Min Conc: <None>

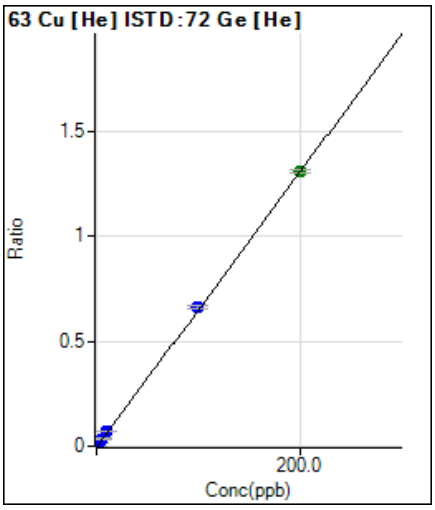
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1506.75	0.0004	P	6.7	
2	☐	2.000	2.122	35948.79	0.0096	P	0.9	6.1
3	☐	5.000	5.052	84013.86	0.0223	P	8.2	1.0
4	☐	10.000	10.152	166195.11	0.0445	P	0.7	1.5
5	☐	100.000	99.118	1572261.59	0.4310	A	2.5	-0.9
6	☐	200.000	200.431	3153130.16	0.8710	A	0.8	0.2
7	☐	1.000						

y = 0.0043 * x + 4.0276E-004
R = 1.0000
DL = 0.01864 ppb
BEC = 0.09272 ppb

Weight: <None>
Min Conc: <None>

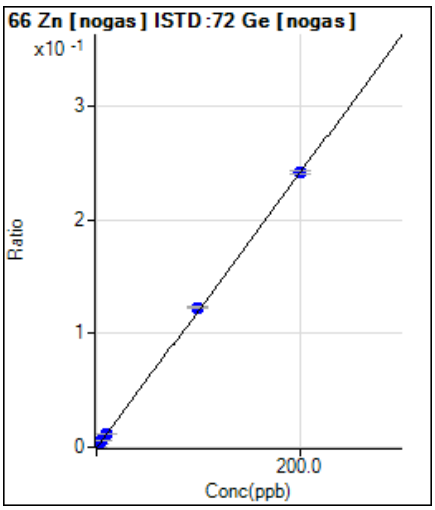


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1060.05	0.0006	P	14.0	
2	☐	2.000	2.090	26542.72	0.0143	P	2.4	4.5
3	☐	5.000	5.297	64676.83	0.0353	P	2.6	5.9
4	☐	10.000	10.242	123591.89	0.0677	P	0.5	2.4
5	☐	100.000	101.064	1205060.61	0.6630	P	1.7	1.1
6	☐	200.000	199.448	2323066.84	1.3079	A	1.0	-0.3
7	☐	1.000						

y = 0.0066 * x + 5.6308E-004
R = 1.0000
DL = 0.03618 ppb
BEC = 0.0859 ppb

Weight: <None>
Min Conc: <None>

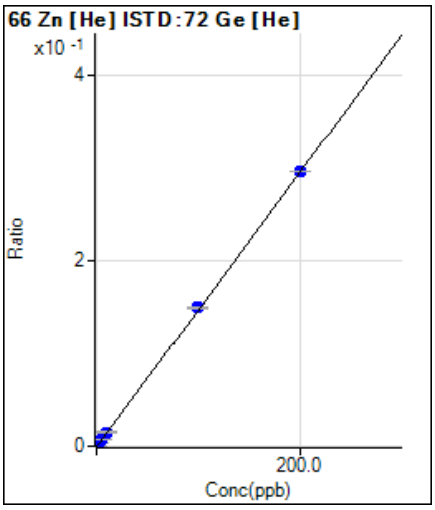
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1720.12	0.0005	P	1.3	
2	☐	2.000	1.939	10496.50	0.0028	P	5.7	-3.0
3	☐	5.000	4.626	22794.35	0.0061	P	8.5	-7.5
4	☐	10.000	9.704	45620.13	0.0122	P	1.6	-3.0
5	☐	100.000	101.284	449452.53	0.1232	P	0.8	1.3
6	☐	200.000	199.383	876228.74	0.2420	P	0.8	-0.3
7	☐	1.000						

y = 0.0012 * x + 4.5953E-004
R = 1.0000
DL = 0.01451 ppb
BEC = 0.3793 ppb

Weight: <None>
Min Conc: <None>

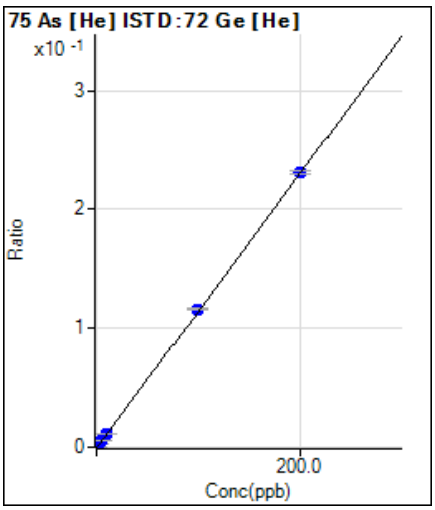


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1000.05	0.0005	P	13.9	
2	☐	2.000	1.961	6391.20	0.0034	P	5.1	-2.0
3	☐	5.000	4.916	14315.74	0.0078	P	2.5	-1.7
4	☐	10.000	9.786	27414.06	0.0150	P	3.4	-2.1
5	☐	100.000	100.640	271780.36	0.1495	P	0.9	0.6
6	☐	200.000	199.693	526055.35	0.2962	P	0.5	-0.2
7	☐	1.000						

y = 0.0015 * x + 5.3137E-004
R = 1.0000
DL = 0.1494 ppb
BEC = 0.3589 ppb

Weight: <None>
Min Conc: <None>

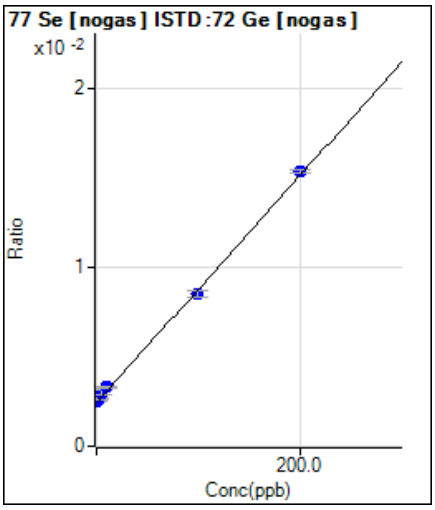
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	513.34	0.0003	P	3.5	
2	☐	2.000	2.050	4916.24	0.0026	P	3.1	2.5
3	☐	5.000	4.874	10824.35	0.0059	P	2.0	-2.5
4	☐	10.000	9.747	21059.94	0.0115	P	0.9	-2.5
5	☐	100.000	100.173	210887.04	0.1160	P	1.7	0.2
6	☐	200.000	199.929	410847.54	0.2313	P	0.7	0.0
7	☐	1.000						

y = 0.0012 * x + 2.7259E-004
R = 1.0000
DL = 0.02473 ppb
BEC = 0.2359 ppb

Weight: <None>
Min Conc: <None>

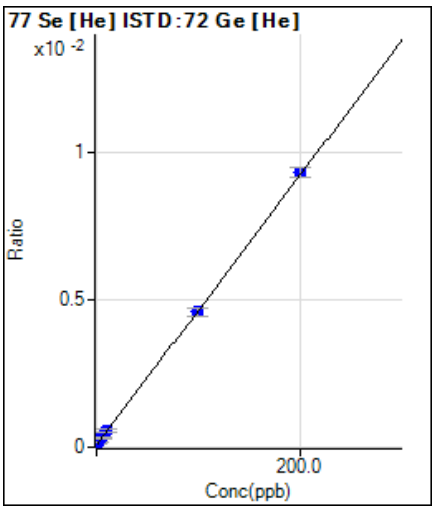


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	9435.95	0.0025	P	3.7	
2	☐	2.000	1.688	9822.82	0.0026	P	3.1	-15.
3	☐	5.000	7.556	11283.63	0.0030	P	8.4	51.1
4	☐	10.000	12.343	12344.41	0.0033	P	4.4	23.4
5	☐	100.000	94.507	31113.64	0.0085	P	3.5	-5.5
6	☐	200.000	202.568	55738.89	0.0154	P	1.1	1.3
7	☐	1.000						

y = 6.3566E-005 * x + 0.0025
R = 0.9993
DL = 4.418 ppb
BEC = 39.65 ppb

Weight: <None>
Min Conc: <None>

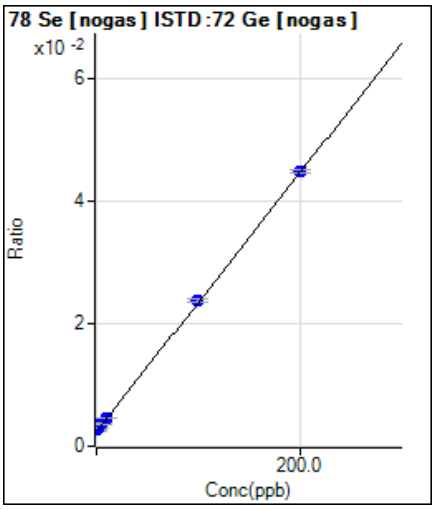
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	226.67	0.0001	P	19.2	
2	☐	2.000	1.045	313.34	0.0002	P	13.7	-47.
3	☐	5.000	4.688	613.36	0.0003	P	15.9	-6.2
4	☐	10.000	9.925	1046.71	0.0006	P	17.0	-0.8
5	☐	100.000	97.779	8342.00	0.0046	P	5.7	-2.2
6	☐	200.000	201.131	16551.03	0.0093	P	3.6	0.6
7	☐	1.000						

y = 4.5721E-005 * x + 1.2027E-004
R = 0.9999
DL = 1.513 ppb
BEC = 2.631 ppb

Weight: <None>
Min Conc: <None>

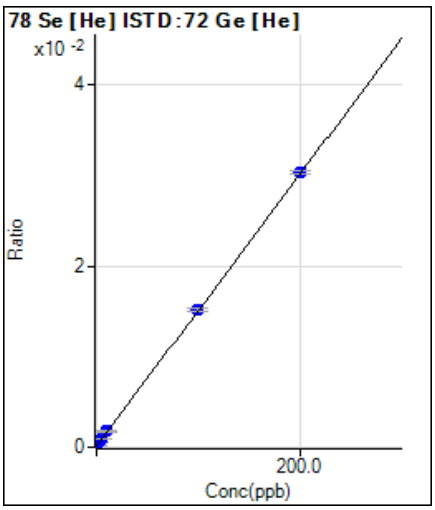


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	9719.47	0.0026	P	6.1	
2	☐	2.000	1.896	11196.93	0.0030	P	3.6	-5.2
3	☐	5.000	5.171	13868.77	0.0037	P	8.0	3.4
4	☐	10.000	9.273	17008.14	0.0046	P	2.3	-7.3
5	☐	100.000	100.104	86635.17	0.0237	P	2.0	0.1
6	☐	200.000	199.981	162347.04	0.0448	P	1.1	0.0
7	☐	1.000						

y = 2.1128E-004 * x + 0.0026
R = 1.0000
DL = 2.251 ppb
BEC = 12.29 ppb

Weight: <None>
Min Conc: <None>

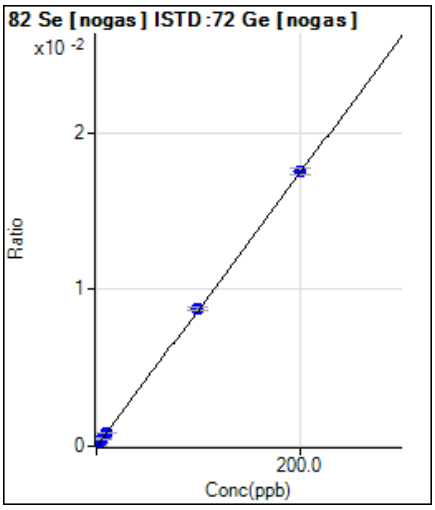
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	480.68	0.0003	P	4.3	
2	☐	2.000	2.090	1060.70	0.0006	P	1.7	4.5
3	☐	5.000	4.700	1762.76	0.0010	P	5.8	-6.0
4	☐	10.000	10.011	3214.96	0.0018	P	2.6	0.1
5	☐	100.000	99.315	27605.48	0.0152	P	2.4	-0.7
6	☐	200.000	200.348	53960.64	0.0304	P	0.9	0.2
7	☐	1.000						

y = 1.5036E-004 * x + 2.5534E-004
R = 1.0000
DL = 0.2207 ppb
BEC = 1.698 ppb

Weight: <None>
Min Conc: <None>

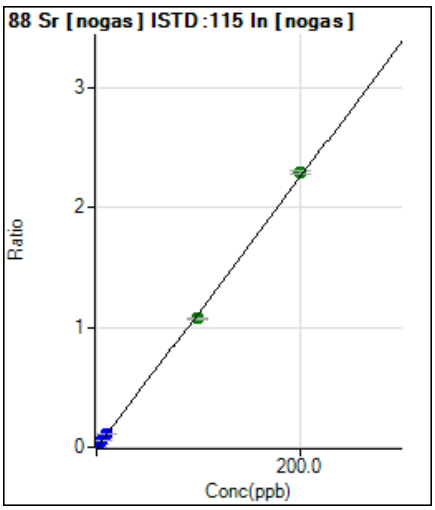


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	226.67	0.0001	P	25.7	
2	☐	2.000	2.015	883.38	0.0002	P	5.3	0.8
3	☐	5.000	4.540	1710.12	0.0005	P	17.3	-9.2
4	☐	10.000	9.068	3180.34	0.0009	P	1.5	-9.3
5	☐	100.000	99.860	32005.30	0.0088	P	2.6	-0.1
6	☐	200.000	200.128	63424.33	0.0175	P	1.9	0.1
7	☐	1.000						

y = 8.7242E-005 * x + 6.0495E-005
R = 1.0000
DL = 0.5349 ppb
BEC = 0.6934 ppb

Weight: <None>
Min Conc: <None>

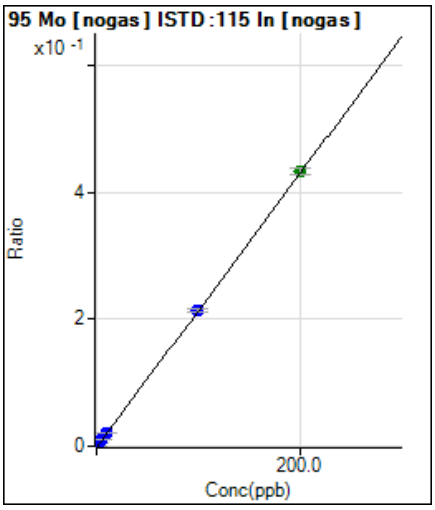
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6034.47	0.0014	P	5.0	
2	☐	2.000	1.984	100839.99	0.0238	P	1.8	-0.8
3	☐	5.000	4.817	239468.10	0.0558	P	11.8	-3.7
4	☐	10.000	9.936	477399.20	0.1137	P	2.1	-0.6
5	☐	100.000	94.585	4381448.37	1.0696	A	1.1	-5.4
6	☐	200.000	202.715	9248871.32	2.2906	A	1.2	1.4
7	☐	1.000						

y = 0.0113 * x + 0.0014
R = 0.9995
DL = 0.01896 ppb
BEC = 0.1276 ppb

Weight: <None>
Min Conc: <None>

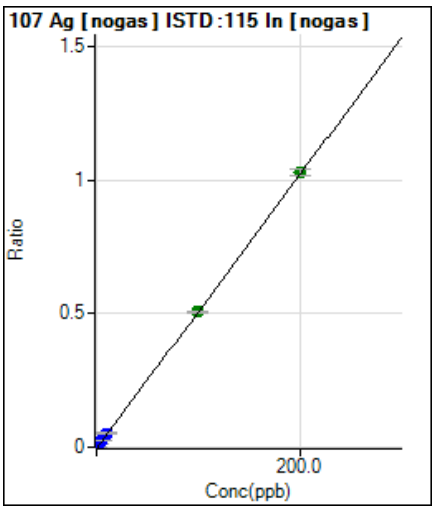


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	373.34	0.0001	P	4.1	
2	☐	2.000	1.937	18106.04	0.0043	P	3.0	-3.2
3	☐	5.000	4.804	44976.59	0.0105	P	11.0	-3.9
4	☐	10.000	9.731	88805.77	0.0211	P	2.9	-2.7
5	☐	100.000	98.963	877387.17	0.2142	P	1.7	-1.0
6	☐	200.000	200.537	1751849.82	0.4339	A	2.0	0.3
7	☐	1.000						

y = 0.0022 * x + 8.9200E-005
R = 1.0000
DL = 0.005036 ppb
BEC = 0.04123 ppb

Weight: <None>
Min Conc: <None>

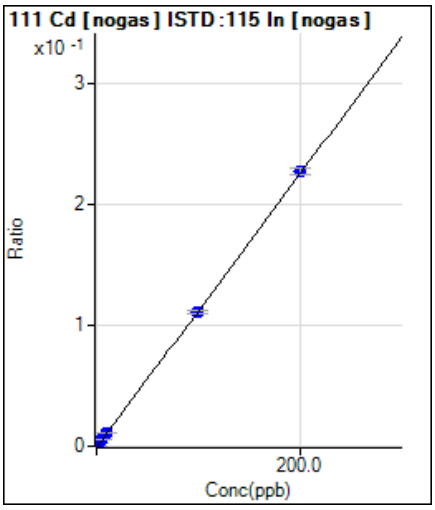
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	136.67	0.0000	P	10.0	
2	☐	2.000	2.050	44596.31	0.0105	P	2.5	2.5
3	☐	5.000	4.948	108949.07	0.0254	P	11.9	-1.0
4	☐	10.000	10.177	219288.67	0.0522	P	2.9	1.8
5	☐	100.000	98.909	2077591.69	0.5071	A	1.4	-1.1
6	☐	200.000	200.538	4150794.21	1.0282	A	2.0	0.3
7	☐	1.000						

y = 0.0051 * x + 3.2616E-005
R = 1.0000
DL = 0.001903 ppb
BEC = 0.006362 ppb

Weight: <None>
Min Conc: <None>

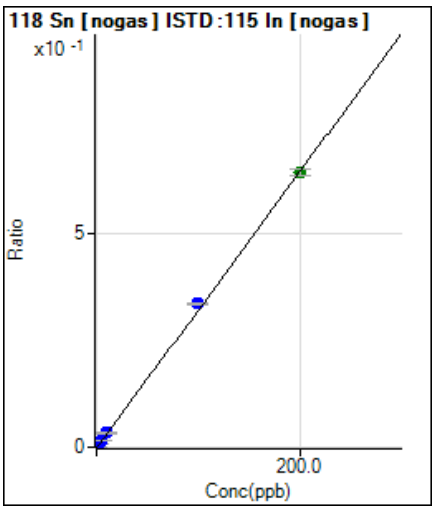


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	30.00	0.0000	P	1.3	
2	☐	2.000	1.913	9185.90	0.0022	P	3.7	-4.3
3	☐	5.000	4.709	22908.52	0.0053	P	9.9	-5.8
4	☐	10.000	9.521	45271.52	0.0108	P	2.1	-4.8
5	☐	100.000	98.253	455320.45	0.1112	P	1.9	-1.7
6	☐	200.000	200.906	917728.48	0.2273	P	1.8	0.5
7	☐	1.000						

y = 0.0011 * x + 7.1663E-006
R = 0.9999
DL = 0.0002408 ppb
BEC = 0.006335 ppb

Weight: <None>
Min Conc: <None>

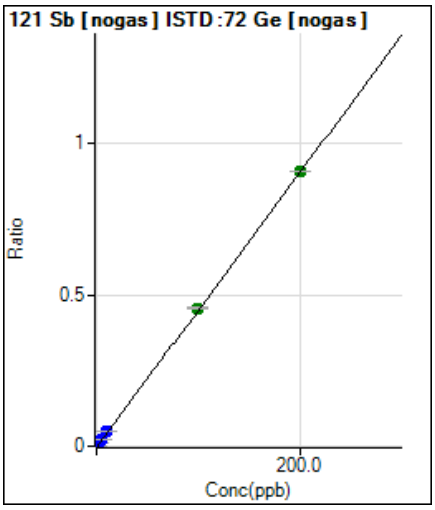
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3230.35	0.0008	P	9.8	
2	☐	2.000	2.047	31298.17	0.0074	P	4.7	2.3
3	☐	5.000	4.806	70139.85	0.0163	P	10.1	-3.9
4	☐	10.000	9.950	138561.86	0.0330	P	3.4	-0.5
5	☐	100.000	103.365	1374246.23	0.3355	P	1.9	3.4
6	☐	200.000	198.324	2596215.43	0.6430	A	2.4	-0.8
7	☐	1.000						

y = 0.0032 * x + 7.7166E-004
R = 0.9998
DL = 0.06991 ppb
BEC = 0.2383 ppb

Weight: <None>
Min Conc: <None>

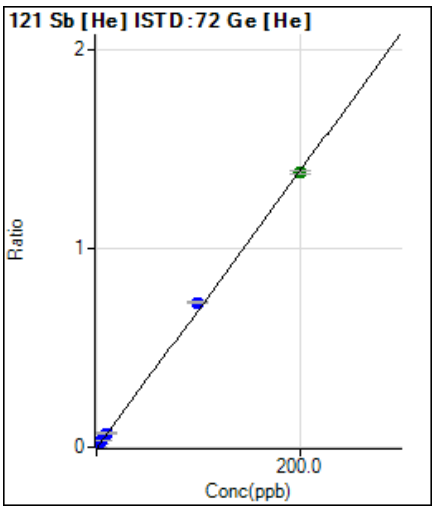


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	836.70	0.0002	P	24.5	
2	☐	2.000	2.054	35743.45	0.0096	P	1.5	2.7
3	☐	5.000	5.078	87627.97	0.0233	P	9.3	1.6
4	☐	10.000	10.306	175888.50	0.0471	P	1.9	3.1
5	☐	100.000	100.448	1667678.93	0.4571	A	0.9	0.4
6	☐	200.000	199.758	3289753.49	0.9087	A	0.4	-0.1
7	☐	1.000						

y = 0.0045 * x + 2.2331E-004
R = 1.0000
DL = 0.03609 ppb
BEC = 0.0491 ppb

Weight: <None>
Min Conc: <None>

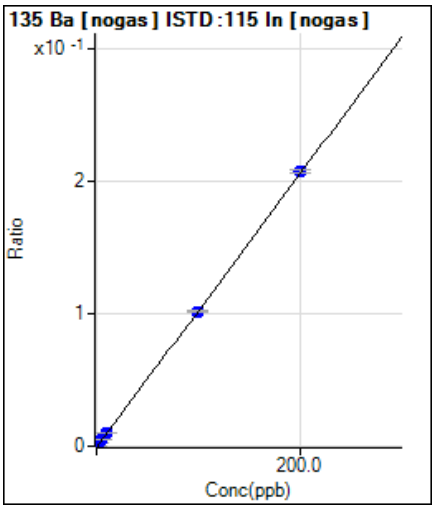
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	646.69	0.0003	P	20.2	
2	☐	2.000	1.965	26233.23	0.0141	P	3.5	-1.7
3	☐	5.000	5.094	65973.84	0.0360	P	0.7	1.9
4	☐	10.000	10.079	129335.75	0.0709	P	2.3	0.8
5	☐	100.000	104.113	1324428.73	0.7287	P	1.3	4.1
6	☐	200.000	197.938	2459905.22	1.3850	A	1.2	-1.0
7	☐	1.000						

y = 0.0070 * x + 3.4375E-004
R = 0.9997
DL = 0.02975 ppb
BEC = 0.04914 ppb

Weight: <None>
Min Conc: <None>

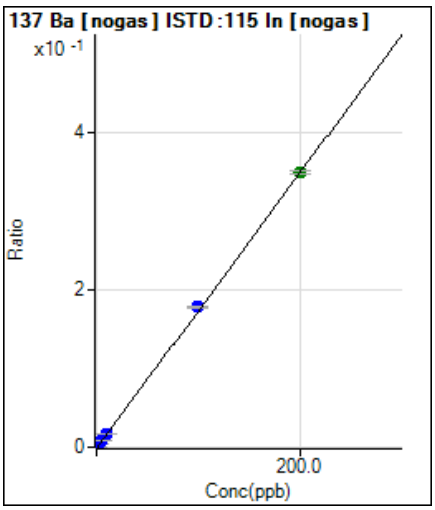


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	296.68	0.0001	P	20.8	
2	☐	2.000	1.897	8582.26	0.0020	P	3.3	-5.2
3	☐	5.000	4.568	20542.45	0.0048	P	10.8	-8.6
4	☐	10.000	9.388	41012.00	0.0098	P	2.7	-6.1
5	☐	100.000	98.388	416376.92	0.1016	P	1.0	-1.6
6	☐	200.000	200.848	837451.32	0.2074	P	1.5	0.4
7	☐	1.000						

y = 0.0010 * x + 7.0742E-005
R = 1.0000
DL = 0.04274 ppb
BEC = 0.06852 ppb

Weight: <None>
Min Conc: <None>

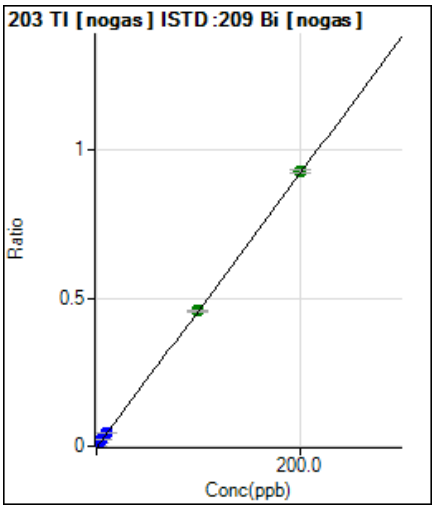
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	620.02	0.0001	P	10.5	
2	☐	2.000	1.980	15283.71	0.0036	P	1.0	-1.0
3	☐	5.000	4.709	36011.02	0.0084	P	10.7	-5.8
4	☐	10.000	9.787	72578.17	0.0173	P	2.4	-2.1
5	☐	100.000	101.448	727971.89	0.1777	P	2.1	1.4
6	☐	200.000	199.294	1408984.77	0.3490	A	1.2	-0.4
7	☐	1.000						

y = 0.0018 * x + 1.4803E-004
R = 1.0000
DL = 0.02669 ppb
BEC = 0.08457 ppb

Weight: <None>
Min Conc: <None>

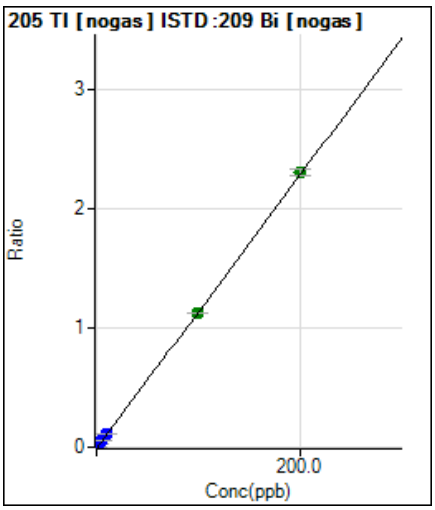


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	36.67	0.0000	P	82.0	
2	☐	2.000	1.992	33694.84	0.0092	P	4.1	-0.4
3	☐	5.000	4.937	83967.06	0.0228	P	13.1	-1.3
4	☐	10.000	10.087	169554.61	0.0467	P	1.5	0.9
5	☐	100.000	98.614	1587260.70	0.4560	A	0.7	-1.4
6	☐	200.000	200.690	3162142.77	0.9280	A	1.7	0.3
7	☐	1.000						

y = 0.0046 * x + 1.0163E-005
R = 1.0000
DL = 0.00541 ppb
BEC = 0.002198 ppb

Weight: <None>
Min Conc: <None>

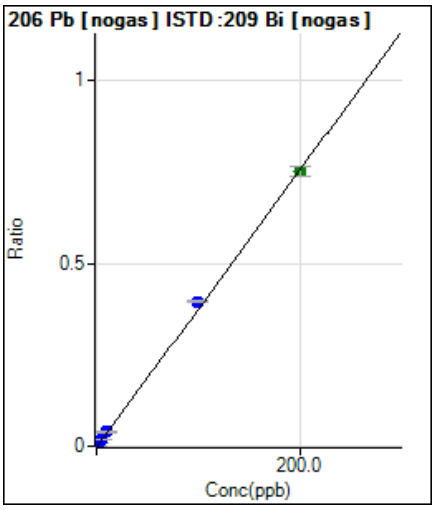
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	153.33	0.0000	P	36.5	
2	☐	2.000	1.920	80713.94	0.0221	P	3.4	-4.0
3	☐	5.000	4.705	199079.16	0.0541	P	11.0	-5.9
4	☐	10.000	9.654	403028.77	0.1109	P	2.1	-3.5
5	☐	100.000	98.089	3920566.61	1.1264	A	0.1	-1.9
6	☐	200.000	200.981	7863758.01	2.3078	A	1.8	0.5
7	☐	1.000						

y = 0.0115 * x + 4.2990E-005
R = 0.9999
DL = 0.0041 ppb
BEC = 0.003744 ppb

Weight: <None>
Min Conc: <None>

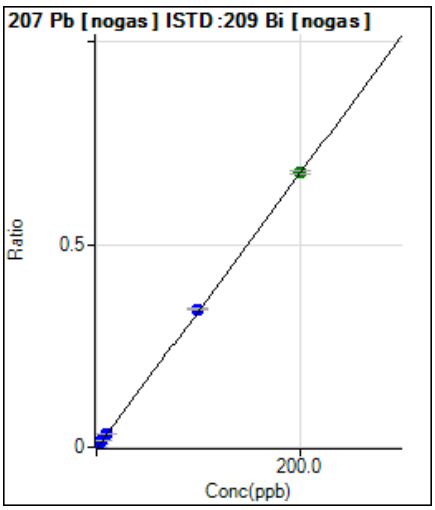


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	263.34	0.0001	P	19.3	
2	☐	2.000	2.007	28104.43	0.0077	P	3.9	0.3
3	☐	5.000	4.964	69660.72	0.0189	P	10.3	-0.7
4	☐	10.000	10.138	140102.80	0.0385	P	2.6	1.4
5	☐	100.000	104.049	1374789.56	0.3950	P	1.2	4.0
6	☐	200.000	197.970	2560254.75	0.7514	A	3.4	-1.0
7	☐	1.000						

y = 0.0038 * x + 7.3641E-005
R = 0.9997
DL = 0.01126 ppb
BEC = 0.0194 ppb

Weight: <None>
Min Conc: <None>

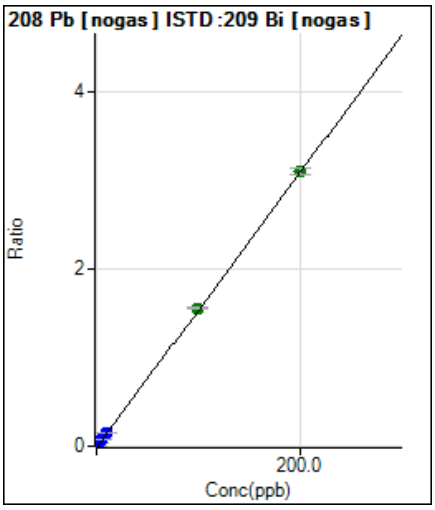
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	183.33	0.0001	P	12.6	
2	☐	2.000	1.954	24458.58	0.0067	P	2.8	-2.3
3	☐	5.000	4.828	60605.27	0.0165	P	10.7	-3.4
4	☐	10.000	9.981	123444.58	0.0340	P	2.9	-0.2
5	☐	100.000	100.449	1188177.27	0.3414	P	2.1	0.4
6	☐	200.000	199.781	2313443.66	0.6789	A	1.2	-0.1
7	☐	1.000						

y = 0.0034 * x + 5.1341E-005
R = 1.0000
DL = 0.005705 ppb
BEC = 0.01511 ppb

Weight: <None>
Min Conc: <None>

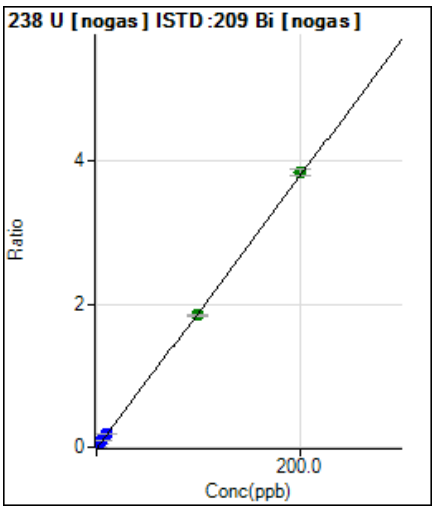


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	923.36	0.0003	P	10.3	
2	☐	2.000	1.983	113238.61	0.0310	P	2.9	-0.9
3	☐	5.000	4.844	277212.59	0.0753	P	11.3	-3.1
4	☐	10.000	9.961	561842.22	0.1546	P	1.9	-0.4
5	☐	100.000	100.141	5401154.82	1.5518	A	1.4	0.1
6	☐	200.000	199.936	10555465.83	3.0980	A	2.6	0.0
7	☐	1.000						

y = 0.0155 * x + 2.5826E-004
R = 1.0000
DL = 0.005175 ppb
BEC = 0.01667 ppb

Weight: <None>
Min Conc: <None>

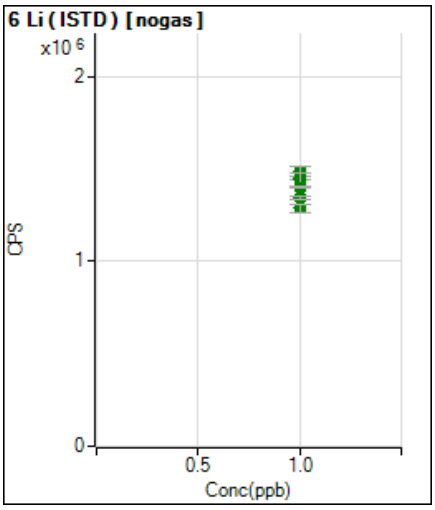
Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	153.33	0.0000	P	30.1	
2	☐	2.000	1.880	130992.33	0.0358	P	2.1	-6.0
3	☐	5.000	4.599	322290.61	0.0876	P	12.1	-8.0
4	☐	10.000	9.508	658088.31	0.1811	P	2.3	-4.9
5	☐	100.000	96.749	6412535.53	1.8422	A	1.8	-3.3
6	☐	200.000	201.661	13082998.97	3.8398	A	2.4	0.8
7	☐	1.000						

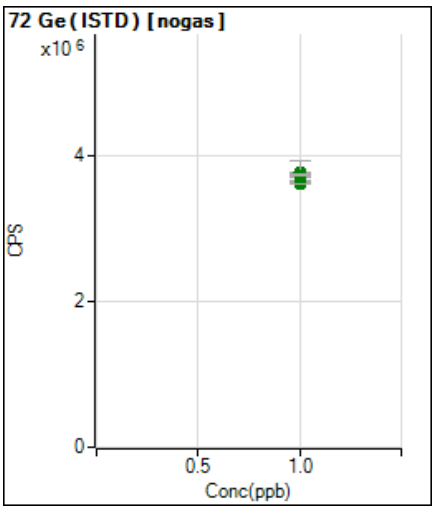
y = 0.0190 * x + 4.2883E-005
R = 0.9998
DL = 0.002031 ppb
BEC = 0.002252 ppb

Weight: <None>
Min Conc: <None>

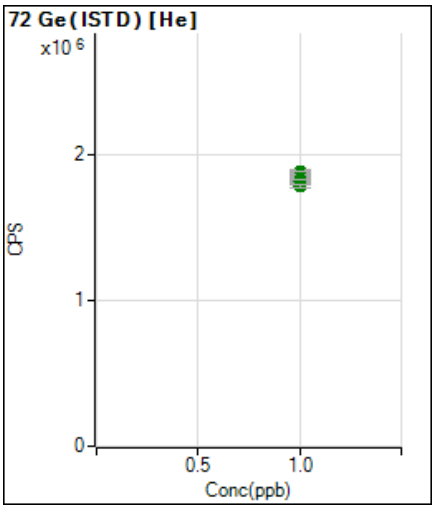


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1486114.55		A	3.3	
2	☐	1.000		1449311.29		A	1.6	
3	☐	1.000		1442735.18		A	5.1	
4	☐	1.000		1400325.65		A	0.9	
5	☐	1.000		1341898.05		A	1.4	
6	☐	1.000		1286060.19		A	3.0	
7	☐	1.000						

Calibration for 131_ICV.d

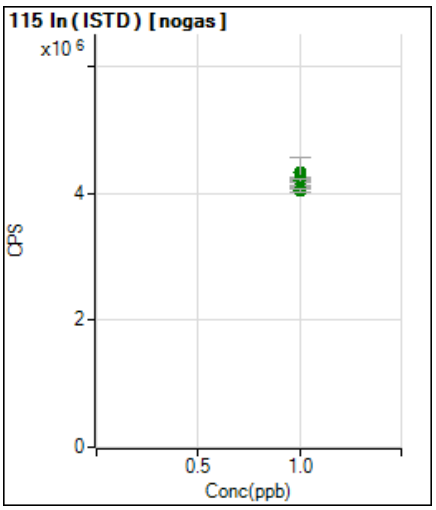


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3743903.17		A	2.2	
2	☐	1.000		3737380.57		A	1.0	
3	☐	1.000		3777194.42		A	8.6	
4	☐	1.000		3734374.11		A	0.6	
5	☐	1.000		3648854.53		A	0.9	
6	☐	1.000		3620100.47		A	0.5	
7	☐	1.000						

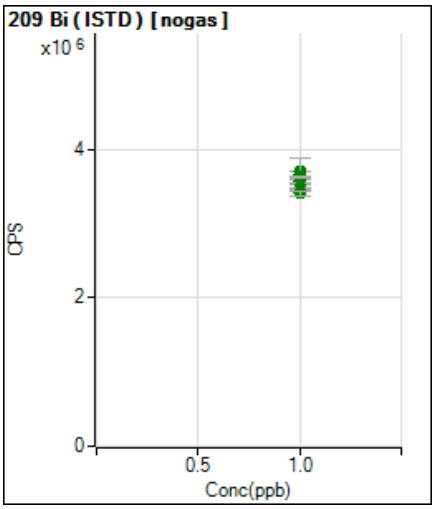


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1882878.82		A	0.8	
2	☐	1.000		1861880.70		A	1.9	
3	☐	1.000		1833723.78		A	2.3	
4	☐	1.000		1825722.01		A	1.1	
5	☐	1.000		1817745.34		A	1.0	
6	☐	1.000		1776286.28		A	1.3	
7	☐	1.000						

Calibration for 131_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		4186680.55		A	1.3	
2	☐	1.000		4230355.72		A	1.1	
3	☐	1.000		4326134.23		A	11.1	
4	☐	1.000		4201397.47		A	1.4	
5	☐	1.000		4096717.37		A	0.8	
6	☐	1.000		4038114.27		A	1.9	
7	☐	1.000						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3575112.45		A	1.7	
2	☐	1.000		3656877.76		A	2.5	
3	☐	1.000		3708738.90		A	10.0	
4	☐	1.000		3634686.72		A	0.7	
5	☐	1.000		3480719.95		A	0.7	
6	☐	1.000		3407973.80		A	1.5	
7	☐	1.000						

Initial Calibration Verification (ICV) Report

Sample Table

Sample Name	ICCV
Data File Name	131_ICV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T14:40:15-06:00
Sample Type	ICV
Dilution	1
Comment	
ISTD Ref File Name	124CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	100.364	4.239	602405	0.37	100	100.4	90	110	
B	11	1	nogas	485.994	5.984	2109766	1.67	500	97.2	90	110	
Al	27	1	nogas	98.820	1.107	2098667	0.95	100	98.8	90	110	
P	31	1	nogas	497.408	1.263	636917	0.37	500	99.5	90	110	
Ti	47	1	nogas	96.203	1.088	246191	0.38	100	96.2	90	110	
Ni	60	1	nogas	101.605	1.732	699920	1.19	100	101.6	90	110	
Cu	63	1	nogas	99.847	0.833	1582325	0.62	100	99.8	90	110	
Zn	66	1	nogas	101.665	1.650	450656	1.07	100	101.7	90	110	
Se	77	1	nogas	91.802	2.026	30456	0.67	100	91.8	90	110	
Se	82	1	nogas	97.347	1.919	31174	1.11	100	97.3	90	110	
Sr	88	1	nogas	97.696	0.871	4489595	0.53	100	97.7	90	110	
Mo	95	1	nogas	100.282	0.322	882089	0.52	100	100.3	90	110	
Ag	107	1	nogas	100.494	0.163	2094078	0.69	100	100.5	90	110	
Cd	111	1	nogas	98.771	1.383	454119	1.21	100	98.8	90	110	
Sn	118	1	nogas	102.911	1.657	1357443	1.55	100	102.9	90	110	
Sb	121	1	nogas	100.074	2.088	1659713	1.62	100	100.1	90	110	
Ba	137	1	nogas	101.798	1.631	724730	1.64	100	101.8	90	110	
Tl	205	1	nogas	99.918	1.848	3935855	1.08	100	99.9	90	110	
Pb	208	1	nogas	100.860	2.300	5361486	1.82	100	100.9	90	110	
U	238	1	nogas	95.985	2.481	6269853	2.34	100	96.0	90	110	
Li	7	1	nogas	98.141	5.818	1957669	2.80	100	98.1	90	110	
Si	28	1	nogas	5233.284	1.434	6287793	0.62	5000	104.7	90	110	
Ba	135	1	nogas	98.329	1.549	412838	1.54	100	98.3	90	110	
Tl	203	1	nogas	102.138	1.182	1620252	1.03	100	102.1	90	110	
Na	23	2	He	9835.640	3.052	30283765	0.41	10000	98.4	90	110	
Mg	24	2	He	9770.248	2.215	19481094	1.11	10000	97.7	90	110	
Al	27	2	He	97.026	4.062	170215	2.20	100	97.0	90	110	
K	39	2	He	9841.148	4.018	29266047	1.39	10000	98.4	90	110	
Ca	43	2	He	9870.158	3.737	88609	1.11	10000	98.7	90	110	
Ca	44	2	He	9879.686	1.324	1443373	1.34	10000	98.8	90	110	
V	51	2	He	97.349	3.169	1417844	0.55	100	97.3	90	110	
Cr	52	2	He	99.261	1.790	1491015	0.88	100	99.3	90	110	
Mn	55	2	He	98.342	1.084	1354313	1.77	100	98.3	90	110	
Fe	56	2	He	9799.099	3.128	139059591	1.54	10000	98.0	90	110	
Co	59	2	He	98.811	3.131	1932237	0.50	100	98.8	90	110	
Ni	60	2	He	98.839	2.579	490636	1.12	100	98.8	90	110	
Cu	63	2	He	101.066	3.244	1207727	1.58	100	101.1	90	110	
Zn	66	2	He	99.705	2.936	269842	1.17	100	99.7	90	110	
As	75	2	He	99.427	3.017	209774	0.93	100	99.4	90	110	
Sb	121	2	He	104.204	2.334	1328590	0.94	100	104.2	90	110	
Se	78	2	He	99.076	2.580	27603	0.78	100	99.1	90	110	
Ti	47	2	He	97.135	4.595	69767	2.35	100	97.1	90	110	

QC ISTD Table

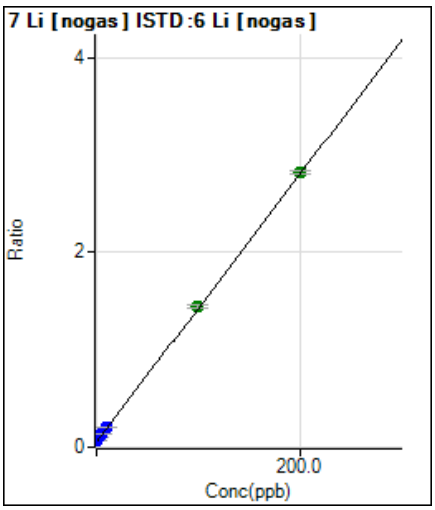
Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3645069	0.84	3743903	97.36	70	120	
In	115	1	nogas	4064188	0.53	4186681	97.07	70	120	
Li	6	1	nogas	1317162	4.43	1486115	88.63	70	120	
Bi	209	1	nogas	3430653	0.78	3575112	95.96	70	120	
Ge	72	2	He	1822461	2.68	1882879	96.79	70	120	

Calibration for 239_ICV.d

Batch Folder:	C:\Agilent\ICPMH\1\DATA\012621A.b\
Analysis File:	012621A.batch.bin
DA Date-Time:	1/26/2021 11:00:38 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	

Level	Standard Data File	Sample Name	Acq. Date-Time
1	229CALB.d	CAL BLK	1/26/2021 8:43:25 PM
2	230CALS.d	2/10/200	1/26/2021 8:45:27 PM
3	231CALS.d	5/25/500	1/26/2021 8:47:29 PM
4	232CALS.d	10/50/1000	1/26/2021 8:49:30 PM
5	233CALS.d	100/500/10K	1/26/2021 8:51:31 PM
6	234CALS.d	200/1000/20K	1/26/2021 8:53:29 PM
7			

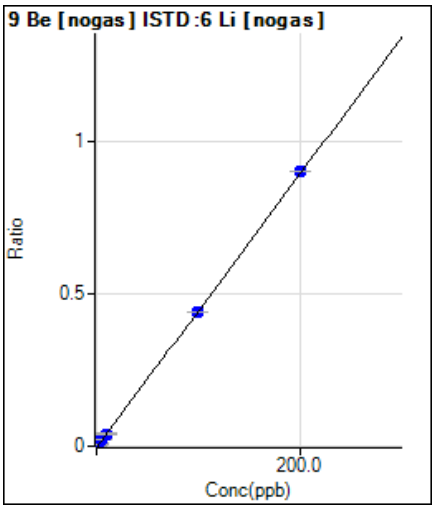
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	55948.74	0.0675	P	0.8	
2	☐	2.000	2.117	79475.33	0.0966	P	0.1	5.9
3	☐	5.000	4.888	110666.38	0.1347	P	0.3	-2.2
4	☐	10.000	9.799	164629.94	0.2022	P	0.7	-2.0
5	☐	100.000	99.695	1114747.09	1.4386	A	2.2	-0.3
6	☐	200.000	200.164	2120799.50	2.8203	A	1.5	0.1
7	☐	1.000						

y = 0.0138 * x + 0.0675
R = 1.0000
DL = 0.1161 ppb
BEC = 4.906 ppb

Weight: <None>
Min Conc: <None>

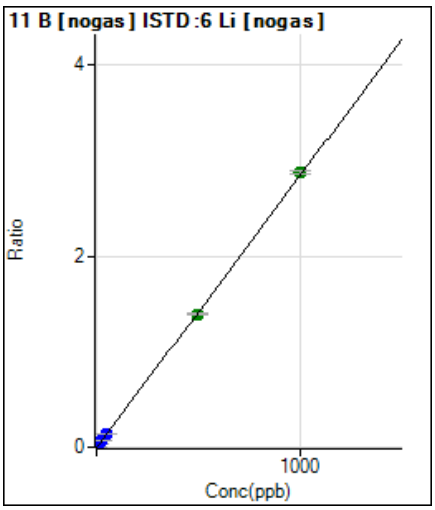


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5.00	0.0000	P	100.	
2	☐	2.000	1.788	6612.84	0.0080	P	4.4	-10.
3	☐	5.000	4.410	16285.25	0.0198	P	1.6	-11.
4	☐	10.000	9.069	33171.80	0.0407	P	1.0	-9.3
5	☐	100.000	98.242	342025.05	0.4414	P	0.5	-1.8
6	☐	200.000	200.942	678919.34	0.9028	P	0.4	0.5
7	☐	1.000						

y = 0.0045 * x + 6.0228E-006
R = 0.9999
DL = 0.004036 ppb
BEC = 0.001341 ppb

Weight: <None>
Min Conc: <None>

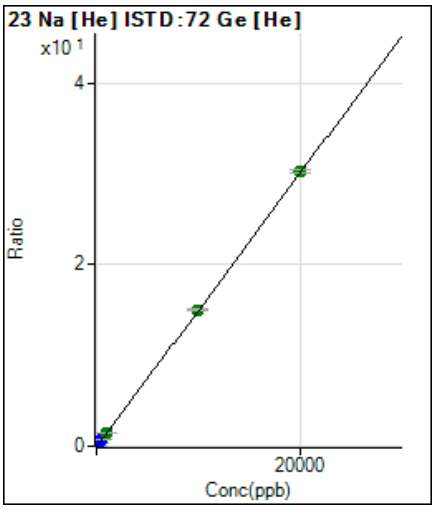
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5822.60	0.0070	P	1.9	
2	☐	10.000	9.294	27579.81	0.0335	P	1.0	-7.1
3	☐	25.000	23.217	60153.41	0.0732	P	0.7	-7.1
4	☐	50.000	47.722	116469.90	0.1431	P	0.5	-4.6
5	☐	500.000	485.638	1078347.61	1.3915	A	1.7	-2.9
6	☐	1000.000	1007.347	2164836.58	2.8788	A	1.4	0.7
7	☐	5.000						

y = 0.0029 * x + 0.0070
R = 0.9999
DL = 0.1379 ppb
BEC = 2.463 ppb

Weight: <None>
Min Conc: <None>

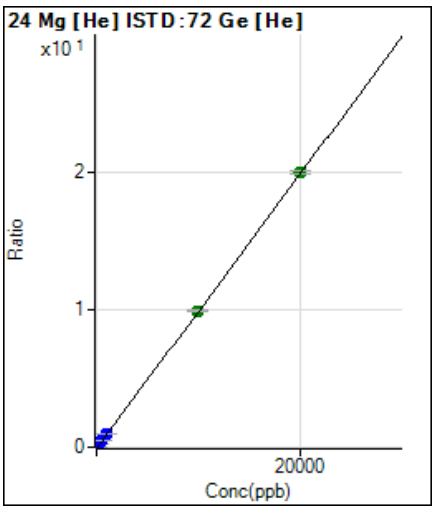


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	33422.85	0.0278	P	1.3	
2	☐	200.000	204.958	406273.34	0.3376	P	0.2	2.5
3	☐	500.000	503.869	945026.73	0.7895	P	1.0	0.8
4	☐	1000.000	980.987	1795609.09	1.5107	A	0.7	-1.9
5	☐	10000.00	9931.100	17476630.16	15.0399	A	0.6	-0.7
6	☐	20000.00	20035.25	34083300.32	30.3136	A	0.7	0.2
7	☐	100.000						

y = 0.0015 * x + 0.0278
R = 1.0000
DL = 0.7282 ppb
BEC = 18.39 ppb

Weight: <None>
Min Conc: <None>

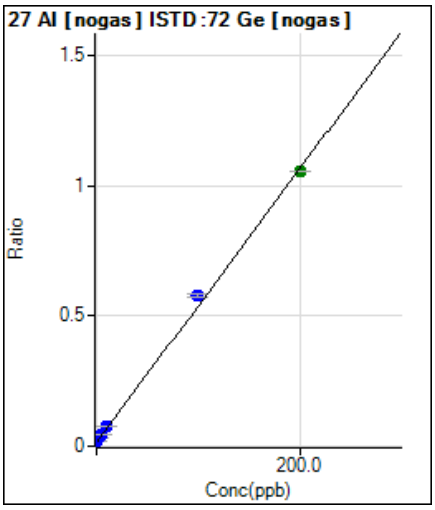
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1626.76	0.0014	P	8.0	
2	☐	200.000	205.627	248543.00	0.2065	P	0.7	2.8
3	☐	500.000	502.851	602252.80	0.5031	P	0.8	0.6
4	☐	1000.000	1011.526	1201325.35	1.0107	P	0.7	1.2
5	☐	10000.00	9939.286	11525851.50	9.9192	A	1.1	-0.6
6	☐	20000.00	20029.65	22471798.00	19.9878	A	0.8	0.1
7	☐	100.000						

y = 9.9784E-004 * x + 0.0014
R = 1.0000
DL = 0.3236 ppb
BEC = 1.356 ppb

Weight: <None>
Min Conc: <None>

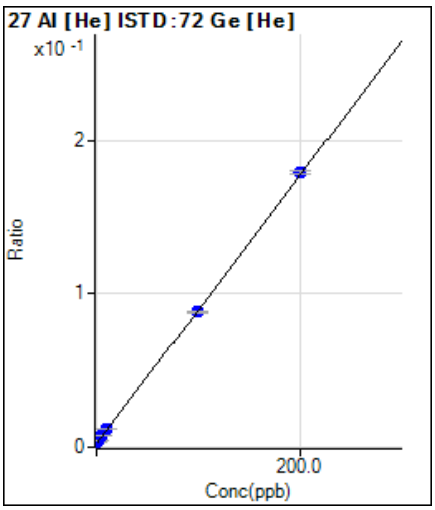


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	46992.52	0.0198	P	0.9	
2	☐	2.000	1.977	70828.28	0.0302	P	1.8	-1.2
3	☐	5.000	5.162	109392.09	0.0469	P	2.9	3.2
4	☐	10.000	10.503	175670.28	0.0750	P	2.6	5.0
5	☐	100.000	106.234	1328174.67	0.5781	P	2.0	6.2
6	☐	200.000	196.854	2402902.98	1.0544	A	0.5	-1.6
7	☐	1.000						

y = 0.0053 * x + 0.0198
R = 0.9993
DL = 0.09723 ppb
BEC = 3.766 ppb

Weight: <None>
Min Conc: <None>

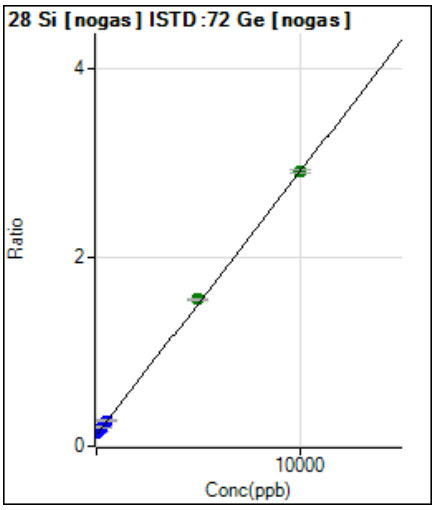
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3997.16	0.0033	P	1.9	
2	☐	2.000	1.607	5690.95	0.0047	P	1.4	-19.
3	☐	5.000	4.428	8612.08	0.0072	P	1.5	-11.
4	☐	10.000	9.834	14165.47	0.0119	P	4.2	-1.7
5	☐	100.000	97.448	102809.63	0.0885	P	1.3	-2.6
6	☐	200.000	201.302	201515.89	0.1792	P	0.8	0.7
7	☐	1.000						

y = 8.7387E-004 * x + 0.0033
R = 0.9999
DL = 0.2198 ppb
BEC = 3.806 ppb

Weight: <None>
Min Conc: <None>

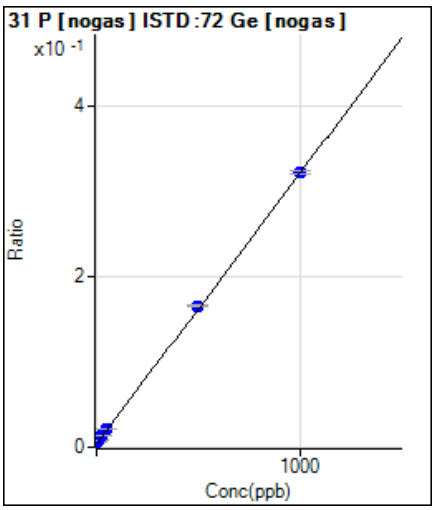


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	318215.01	0.1340	P	0.6	
2	☐	100.000	95.820	377299.32	0.1608	P	0.5	-4.2
3	☐	250.000	238.981	467900.11	0.2008	P	1.8	-4.4
4	☐	500.000	485.682	631753.36	0.2697	P	2.2	-2.9
5	☐	5000.000	5086.120	3571356.09	1.5545	A	1.1	1.7
6	☐	10000.00	9957.973	6643012.19	2.9151	A	1.6	-0.4
7	☐	50.000						

y = 2.7928E-004 * x + 0.1340
R = 0.9999
DL = 8.27 ppb
BEC = 479.9 ppb

Weight: <None>
Min Conc: <None>

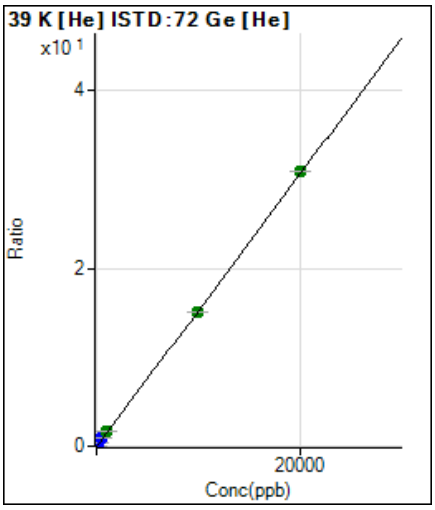
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	12901.25	0.0054	P	6.2	
2	☐	10.000	10.122	20271.14	0.0086	P	4.5	1.2
3	☐	25.000	24.841	31008.85	0.0133	P	4.1	-0.6
4	☐	50.000	50.128	49952.75	0.0213	P	2.7	0.3
5	☐	500.000	503.907	379502.60	0.1652	P	1.5	0.8
6	☐	1000.000	998.043	733470.43	0.3218	P	0.8	-0.2
7	☐	5.000						

y = 3.1703E-004 * x + 0.0054
R = 1.0000
DL = 3.183 ppb
BEC = 17.14 ppb

Weight: <None>
Min Conc: <None>

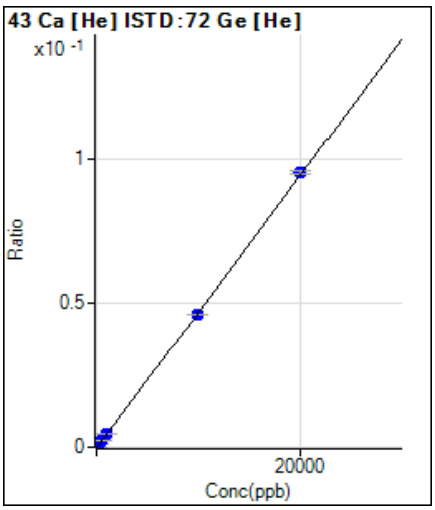


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	88781.78	0.0739	P	1.4	
2	☐	200.000	203.557	464933.65	0.3864	P	0.9	1.8
3	☐	500.000	501.191	1009539.70	0.8433	P	0.4	0.2
4	☐	1000.000	997.653	1908358.62	1.6055	A	1.5	-0.2
5	☐	10000.00	9788.184	17549360.57	15.1010	A	0.4	-2.1
6	☐	20000.00	20105.96	34786766.15	30.9412	A	0.2	0.5
7	☐	100.000						

y = 0.0015 * x + 0.0739
R = 0.9999
DL = 1.975 ppb
BEC = 48.11 ppb

Weight: <None>
Min Conc: <None>

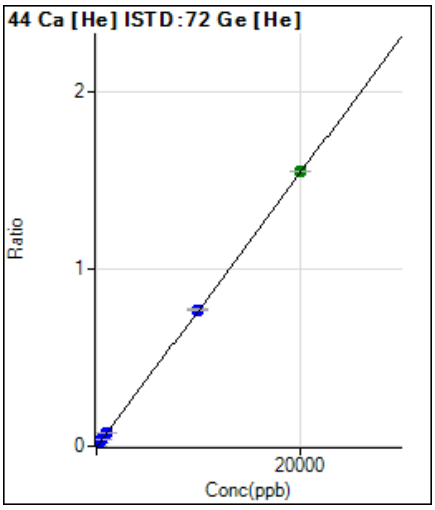
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	123.33	0.0001	P	24.0	
2	☐	200.000	202.628	1276.73	0.0011	P	2.8	1.3
3	☐	500.000	479.289	2836.92	0.0024	P	4.4	-4.1
4	☐	1000.000	966.117	5554.24	0.0047	P	8.0	-3.4
5	☐	10000.00	9696.951	53406.15	0.0460	P	0.8	-3.0
6	☐	20000.00	20153.71	107275.26	0.0954	P	1.3	0.8
7	☐	100.000						

y = 4.7288E-006 * x + 1.0272E-004
R = 0.9998
DL = 15.65 ppb
BEC = 21.72 ppb

Weight: <None>
Min Conc: <None>

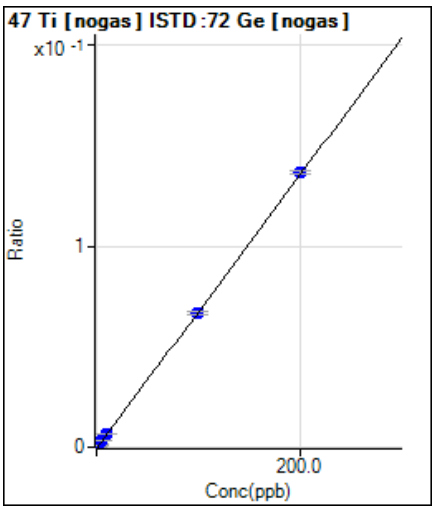


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2200.17	0.0018	P	7.9	
2	☐	200.000	189.713	19877.57	0.0165	P	2.2	-5.1
3	☐	500.000	470.263	45779.48	0.0382	P	1.4	-5.9
4	☐	1000.000	971.436	91589.50	0.0771	P	1.0	-2.9
5	☐	10000.00	9928.058	895506.26	0.7706	P	0.5	-0.7
6	☐	20000.00	20038.24	1746638.36	1.5535	A	0.2	0.2
7	☐	100.000						

y = 7.7436E-005 * x + 0.0018
R = 1.0000
DL = 5.575 ppb
BEC = 23.64 ppb

Weight: <None>
Min Conc: <None>

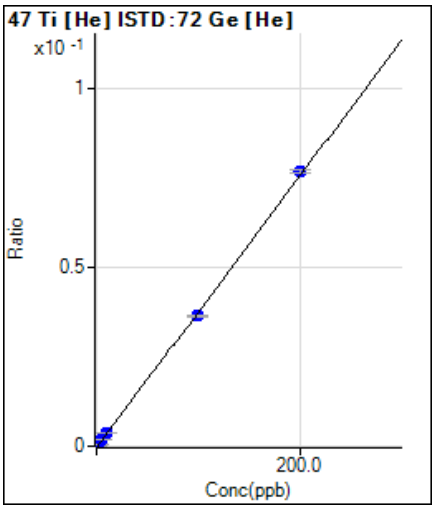
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	100.00	0.0000	P	54.6	
2	☐	2.000	1.827	3020.31	0.0013	P	12.5	-8.7
3	☐	5.000	4.732	7605.00	0.0033	P	1.9	-5.4
4	☐	10.000	9.366	15022.93	0.0064	P	6.7	-6.3
5	☐	100.000	98.309	153827.55	0.0670	P	2.1	-1.7
6	☐	200.000	200.886	311730.47	0.1368	P	1.0	0.4
7	☐	1.000						

y = 6.8070E-004 * x + 4.1948E-005
R = 1.0000
DL = 0.101 ppb
BEC = 0.06163 ppb

Weight: <None>
Min Conc: <None>

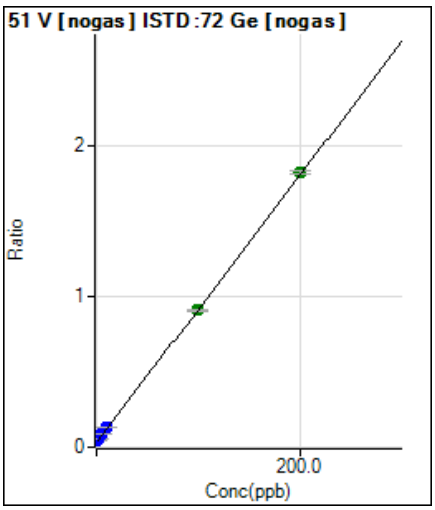


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	20.00	0.0000	P	132.	
2	☐	2.000	1.729	810.03	0.0007	P	5.2	-13.
3	☐	5.000	4.343	1993.47	0.0017	P	4.8	-13.
4	☐	10.000	9.513	4313.92	0.0036	P	6.2	-4.9
5	☐	100.000	95.631	42207.90	0.0363	P	1.3	-4.4
6	☐	200.000	202.228	86345.56	0.0768	P	0.8	1.1
7	☐	1.000						

y = 3.7969E-004 * x + 1.6574E-005
R = 0.9997
DL = 0.1734 ppb
BEC = 0.04365 ppb

Weight: <None>
Min Conc: <None>

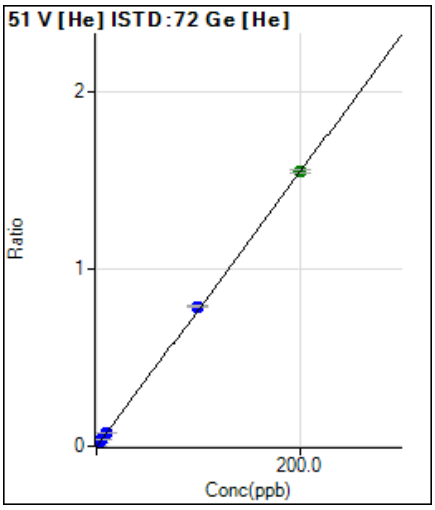
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	93741.57	0.0395	P	3.3	
2	☐	2.000	1.993	134179.70	0.0572	P	1.8	-0.3
3	☐	5.000	5.015	195703.05	0.0840	P	1.8	0.3
4	☐	10.000	10.084	302071.96	0.1289	P	2.2	0.8
5	☐	100.000	97.818	2084032.47	0.9071	A	2.2	-2.2
6	☐	200.000	201.086	4154723.79	1.8231	A	1.2	0.5
7	☐	1.000						

y = 0.0089 * x + 0.0395
R = 0.9999
DL = 0.4459 ppb
BEC = 4.452 ppb

Weight: <None>
Min Conc: <None>

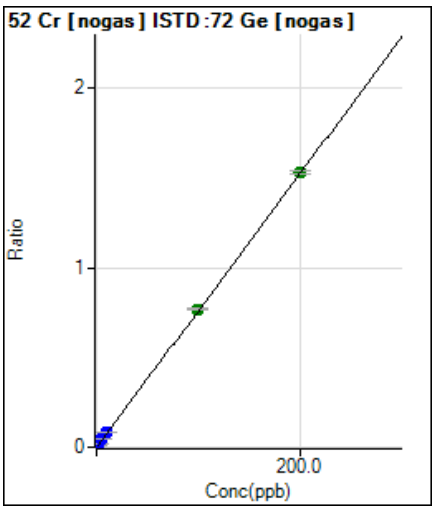


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4988.47	0.0041	P	3.1	
2	☐	2.000	1.924	22930.81	0.0191	P	1.2	-3.8
3	☐	5.000	4.797	49471.99	0.0413	P	0.4	-4.1
4	☐	10.000	9.641	93744.83	0.0789	P	0.9	-3.6
5	☐	100.000	101.145	915695.73	0.7880	P	0.4	1.1
6	☐	200.000	199.451	1742396.49	1.5498	A	1.0	-0.3
7	☐	1.000						

y = 0.0077 * x + 0.0041
R = 1.0000
DL = 0.04923 ppb
BEC = 0.5355 ppb

Weight: <None>
Min Conc: <None>

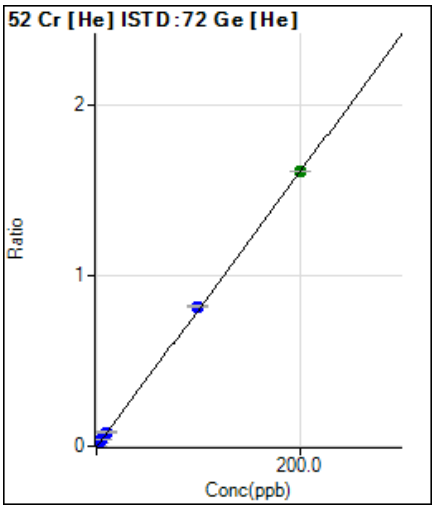
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	14455.79	0.0061	P	3.4	
2	☐	2.000	2.164	53025.75	0.0226	P	1.6	8.2
3	☐	5.000	5.104	104924.19	0.0450	P	2.0	2.1
4	☐	10.000	10.346	199130.24	0.0850	P	1.9	3.5
5	☐	100.000	99.978	1765773.05	0.7686	A	1.9	0.0
6	☐	200.000	199.989	3489933.28	1.5314	A	1.5	0.0
7	☐	1.000						

y = 0.0076 * x + 0.0061
R = 1.0000
DL = 0.08116 ppb
BEC = 0.7985 ppb

Weight: <None>
Min Conc: <None>

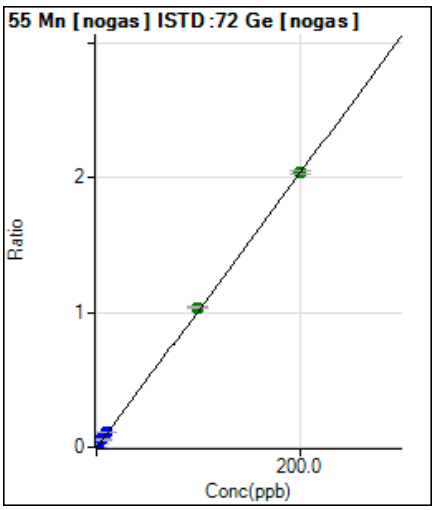


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2953.62	0.0025	P	12.6	
2	☐	2.000	2.000	22337.07	0.0186	P	3.7	0.0
3	☐	5.000	4.861	49803.58	0.0416	P	1.3	-2.8
4	☐	10.000	9.884	97523.67	0.0820	P	0.8	-1.2
5	☐	100.000	101.264	950365.14	0.8179	P	0.4	1.3
6	☐	200.000	199.377	1807724.92	1.6079	A	0.5	-0.3
7	☐	1.000						

y = 0.0081 * x + 0.0025
R = 1.0000
DL = 0.1153 ppb
BEC = 0.3051 ppb

Weight: <None>
Min Conc: <None>

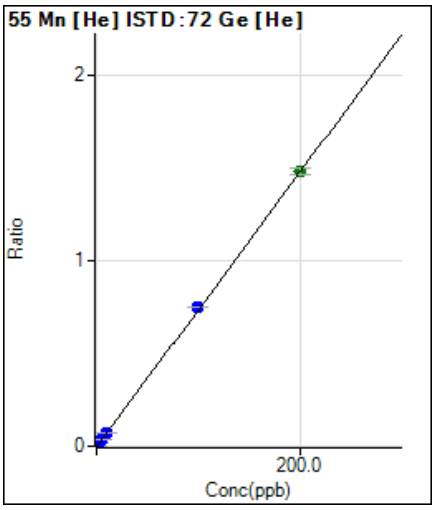
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10286.34	0.0043	P	1.0	
2	☐	2.000	2.175	62301.21	0.0266	P	2.6	8.7
3	☐	5.000	4.999	129105.45	0.0554	P	2.1	0.0
4	☐	10.000	10.261	255756.90	0.1092	P	1.7	2.6
5	☐	100.000	100.981	2379991.22	1.0359	A	1.3	1.0
6	☐	200.000	199.495	4654202.64	2.0423	A	1.0	-0.3
7	☐	1.000						

y = 0.0102 * x + 0.0043
R = 1.0000
DL = 0.01269 ppb
BEC = 0.4241 ppb

Weight: <None>
Min Conc: <None>

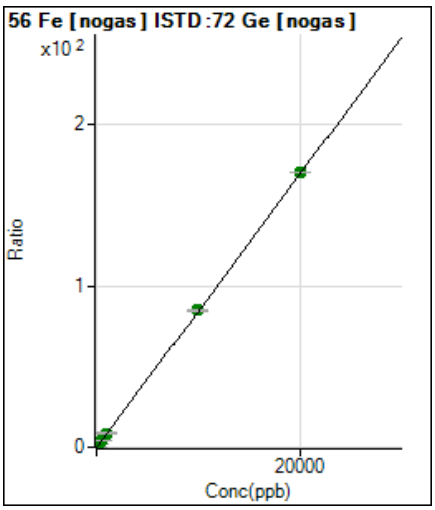


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2460.21	0.0020	P	9.6	
2	☐	2.000	2.037	20631.72	0.0171	P	2.7	1.9
3	☐	5.000	4.895	45887.16	0.0383	P	3.0	-2.1
4	☐	10.000	9.833	89052.94	0.0749	P	0.1	-1.7
5	☐	100.000	100.971	871988.37	0.7504	P	0.5	1.0
6	☐	200.000	199.525	1664957.84	1.4808	A	2.6	-0.2
7	☐	1.000						

y = 0.0074 * x + 0.0020
R = 1.0000
DL = 0.0794 ppb
BEC = 0.2763 ppb

Weight: <None>
Min Conc: <None>

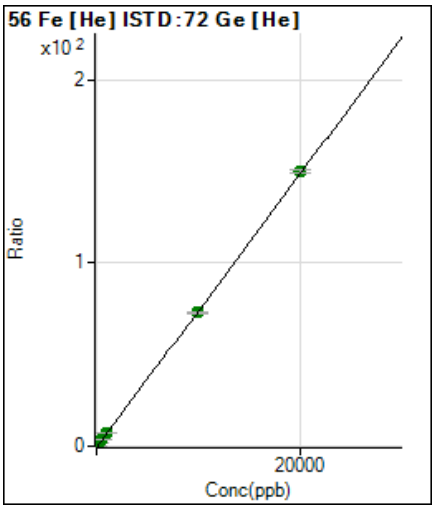
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1158556.26	0.4880	P	1.2	
2	☐	200.000	194.931	5023107.84	2.1411	A	2.8	-2.5
3	☐	500.000	481.931	10661931.92	4.5749	A	1.7	-3.6
4	☐	1000.000	966.314	20338372.20	8.6827	A	3.1	-3.4
5	☐	10000.00	9958.531	195134923.7	84.9392	A	1.7	-0.4
6	☐	20000.00	20022.92	388067994.2	170.288	A	0.3	0.1
7	☐	100.000						

y = 0.0085 * x + 0.4880
R = 1.0000
DL = 2.087 ppb
BEC = 57.55 ppb

Weight: <None>
Min Conc: <None>

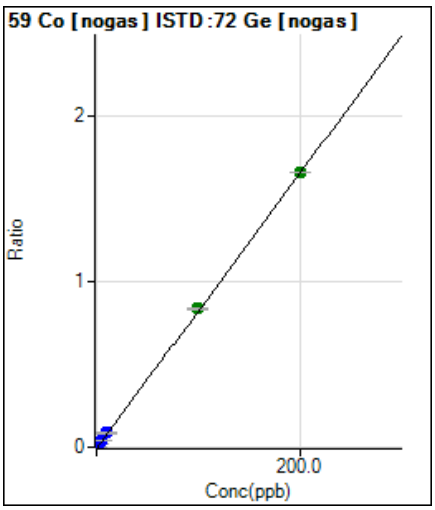


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	35010.04	0.0291	P	2.2	
2	☐	200.000	202.669	1853264.66	1.5402	A	1.1	1.3
3	☐	500.000	482.389	4340529.10	3.6258	A	1.1	-3.5
4	☐	1000.000	967.781	8611441.75	7.2448	A	0.3	-3.2
5	☐	10000.00	9802.671	84957238.73	73.1170	A	1.2	-2.0
6	☐	20000.00	20100.68	168521104.1	149.898	A	0.8	0.5
7	☐	100.000						

y = 0.0075 * x + 0.0291
R = 0.9999
DL = 0.2596 ppb
BEC = 3.906 ppb

Weight: <None>
Min Conc: <None>

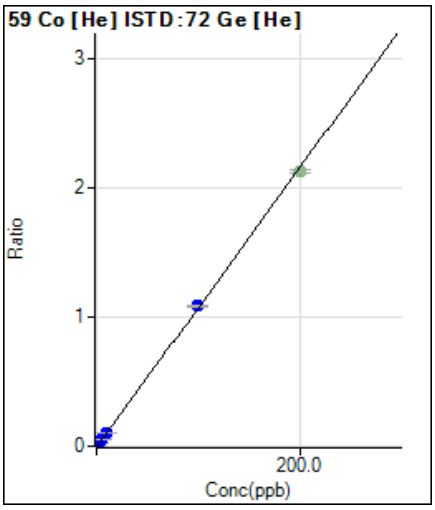
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	270.00	0.0001	P	36.5	
2	☐	2.000	2.107	41339.79	0.0176	P	2.2	5.3
3	☐	5.000	5.214	101235.31	0.0434	P	1.4	4.3
4	☐	10.000	10.319	201117.17	0.0859	P	2.3	3.2
5	☐	100.000	100.724	1922905.23	0.8370	A	1.2	0.7
6	☐	200.000	199.615	3779781.40	1.6586	A	0.6	-0.2
7	☐	1.000						

y = 0.0083 * x + 1.1369E-004
R = 1.0000
DL = 0.01497 ppb
BEC = 0.01368 ppb

Weight: <None>
Min Conc: <None>

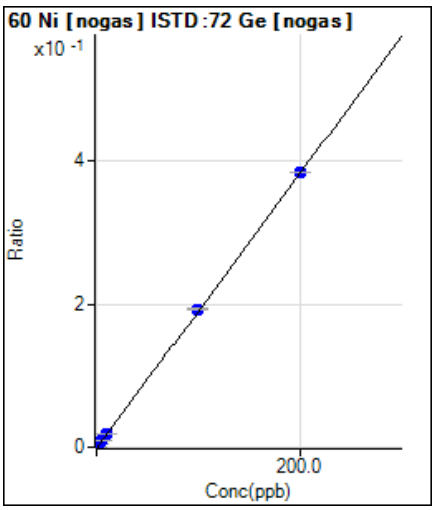


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	146.67	0.0001	P	28.9	
2	☐	2.000	1.972	25905.22	0.0215	P	0.2	-1.4
3	☐	5.000	4.926	64171.25	0.0536	P	0.7	-1.5
4	☐	10.000	9.814	126794.88	0.1067	P	0.6	-1.9
5	☐	100.000	100.023	1261989.46	1.0861	P	1.0	0.0
6	☑	200.000		2394047.88	2.1293	A	0.9	
7	☐	1.000						

y = 0.0109 * x + 1.2214E-004
R = 1.0000
DL = 0.009755 ppb
BEC = 0.01125 ppb

Weight: <None>
Min Conc: <None>

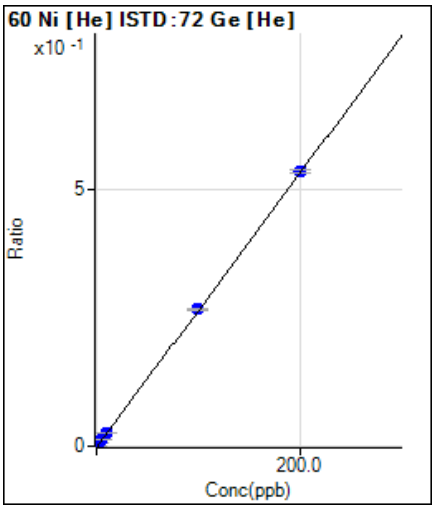
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	436.68	0.0002	P	23.2	
2	☐	2.000	2.019	9552.63	0.0041	P	3.7	0.9
3	☐	5.000	4.941	22597.38	0.0097	P	3.0	-1.2
4	☐	10.000	9.674	44076.07	0.0188	P	0.9	-3.3
5	☐	100.000	100.438	444671.69	0.1936	P	2.2	0.4
6	☐	200.000	199.799	877075.56	0.3849	P	0.6	-0.1
7	☐	1.000						

y = 0.0019 * x + 1.8393E-004
R = 1.0000
DL = 0.0664 ppb
BEC = 0.09553 ppb

Weight: <None>
Min Conc: <None>

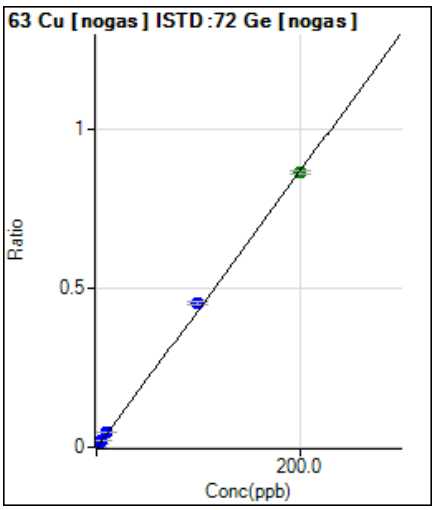


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	400.01	0.0003	P	24.1	
2	☐	2.000	1.978	6778.03	0.0056	P	0.6	-1.1
3	☐	5.000	4.915	16170.63	0.0135	P	5.1	-1.7
4	☐	10.000	9.905	31954.61	0.0269	P	3.2	-0.9
5	☐	100.000	99.481	310226.64	0.2670	P	1.3	-0.5
6	☐	200.000	200.267	603870.53	0.5371	P	1.0	0.1
7	☐	1.000						

y = 0.0027 * x + 3.3225E-004
R = 1.0000
DL = 0.08963 ppb
BEC = 0.124 ppb

Weight: <None>
Min Conc: <None>

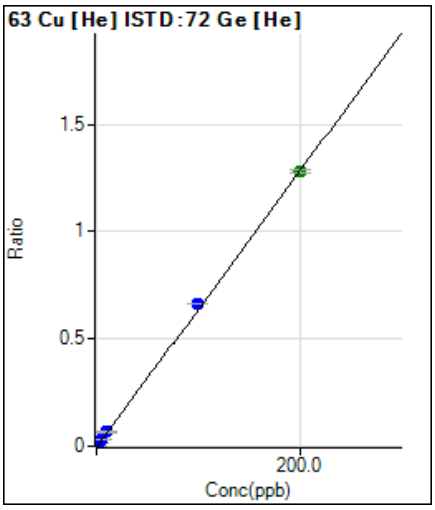
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1446.74	0.0006	P	8.5	
2	☐	2.000	2.089	22747.69	0.0097	P	4.4	4.4
3	☐	5.000	5.108	53213.51	0.0228	P	2.6	2.2
4	☐	10.000	10.206	105463.07	0.0450	P	1.8	2.1
5	☐	100.000	103.796	1038765.01	0.4522	P	2.9	3.8
6	☐	200.000	198.088	1965458.46	0.8624	A	1.0	-1.0
7	☐	1.000						

y = 0.0044 * x + 6.0973E-004
R = 0.9997
DL = 0.0357 ppb
BEC = 0.1401 ppb

Weight: <None>
Min Conc: <None>

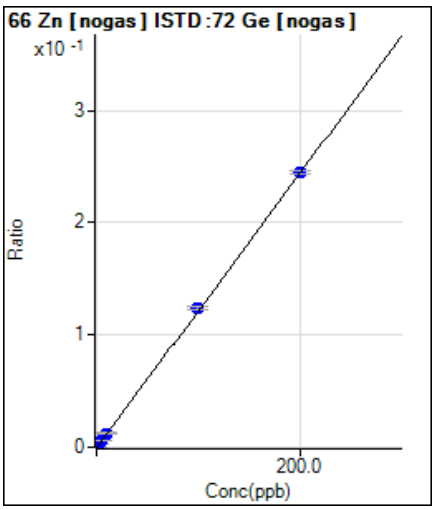


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	896.70	0.0007	P	10.4	
2	☐	2.000	2.062	16884.66	0.0140	P	1.9	3.1
3	☐	5.000	4.966	39198.67	0.0327	P	2.4	-0.7
4	☐	10.000	10.119	78395.96	0.0660	P	1.4	1.2
5	☐	100.000	102.612	769286.13	0.6620	P	0.3	2.6
6	☐	200.000	198.688	1440437.22	1.2811	A	1.1	-0.7
7	☐	1.000						

y = 0.0064 * x + 7.4546E-004
R = 0.9999
DL = 0.03597 ppb
BEC = 0.1157 ppb

Weight: <None>
Min Conc: <None>

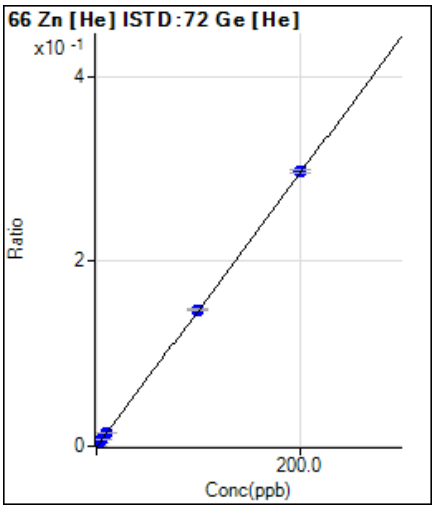
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1163.39	0.0005	P	7.2	
2	☐	2.000	1.880	6547.93	0.0028	P	7.3	-6.0
3	☐	5.000	4.610	14289.10	0.0061	P	8.1	-7.8
4	☐	10.000	9.814	29290.29	0.0125	P	3.4	-1.9
5	☐	100.000	100.814	284681.44	0.1239	P	2.1	0.8
6	☐	200.000	199.613	558086.54	0.2449	P	1.0	-0.2
7	☐	1.000						

y = 0.0012 * x + 4.9027E-004
R = 1.0000
DL = 0.08643 ppb
BEC = 0.4004 ppb

Weight: <None>
Min Conc: <None>

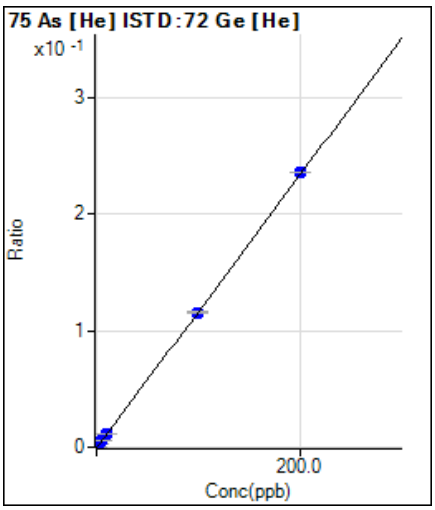


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	703.36	0.0006	P	14.8	
2	☐	2.000	1.955	4187.20	0.0035	P	1.3	-2.3
3	☐	5.000	4.531	8732.22	0.0073	P	0.5	-9.4
4	☐	10.000	9.811	17965.64	0.0151	P	1.2	-1.9
5	☐	100.000	99.235	171461.99	0.1475	P	0.5	-0.8
6	☐	200.000	200.404	334347.87	0.2974	P	0.8	0.2
7	☐	1.000						

y = 0.0015 * x + 5.8458E-004
R = 1.0000
DL = 0.1753 ppb
BEC = 0.3947 ppb

Weight: <None>
Min Conc: <None>

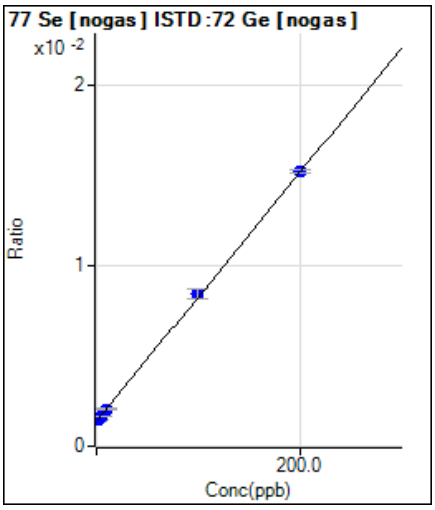
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	272.22	0.0002	P	19.9	
2	☐	2.000	1.897	2951.37	0.0025	P	7.1	-5.1
3	☐	5.000	4.683	6853.54	0.0057	P	4.4	-6.3
4	☐	10.000	9.353	13320.45	0.0112	P	0.4	-6.5
5	☐	100.000	98.429	134547.21	0.1158	P	0.3	-1.6
6	☐	200.000	200.827	265309.20	0.2360	P	0.5	0.4
7	☐	1.000						

y = 0.0012 * x + 2.2617E-004
R = 1.0000
DL = 0.1151 ppb
BEC = 0.1927 ppb

Weight: <None>
Min Conc: <None>

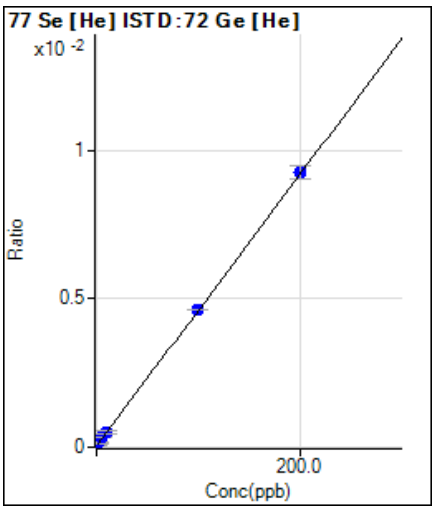


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3470.39	0.0015	P	6.9	
2	☐	2.000	0.018	3433.72	0.0015	P	3.7	-99.
3	☐	5.000	2.489	3807.13	0.0016	P	2.0	-50.
4	☐	10.000	8.525	4804.03	0.0020	P	3.4	-14.
5	☐	100.000	101.011	19327.16	0.0084	P	5.8	1.0
6	☐	200.000	199.651	34646.47	0.0152	P	1.4	-0.2
7	☐	1.000						

y = 6.8827E-005 * x + 0.0015
R = 0.9999
DL = 4.411 ppb
BEC = 21.25 ppb

Weight: <None>
Min Conc: <None>

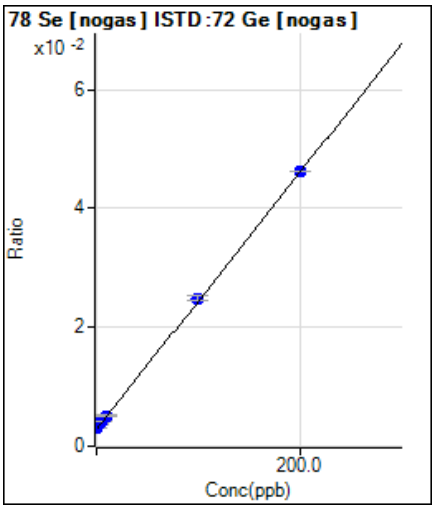
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	103.33	0.0001	P	65.5	
2	☐	2.000	1.203	170.00	0.0001	P	16.4	-39.
3	☐	5.000	5.354	396.68	0.0003	P	11.1	7.1
4	☐	10.000	8.946	590.02	0.0005	P	16.8	-10.
5	☐	100.000	99.194	5380.89	0.0046	P	0.7	-0.8
6	☐	200.000	200.455	10419.81	0.0093	P	4.4	0.2
7	☐	1.000						

y = 4.5810E-005 * x + 8.6335E-005
R = 1.0000
DL = 3.703 ppb
BEC = 1.885 ppb

Weight: <None>
Min Conc: <None>

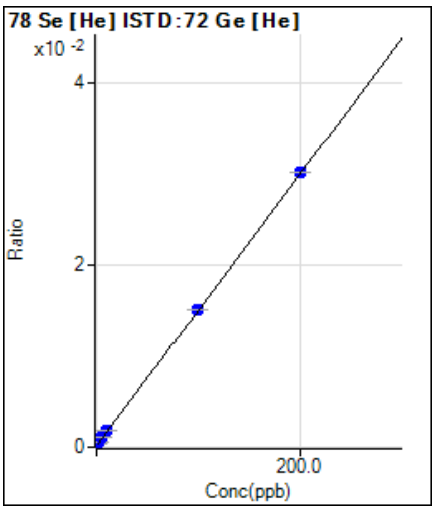


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7271.55	0.0031	P	2.5	
2	☐	2.000	2.850	8628.85	0.0037	P	6.8	42.5
3	☐	5.000	5.528	9922.83	0.0043	P	2.4	10.6
4	☐	10.000	9.522	11994.14	0.0051	P	6.1	-4.8
5	☐	100.000	100.656	57009.29	0.0248	P	3.1	0.7
6	☐	200.000	199.674	105329.54	0.0462	P	0.5	-0.2
7	☐	1.000						

y = 2.1613E-004 * x + 0.0031
R = 1.0000
DL = 1.068 ppb
BEC = 14.17 ppb

Weight: <None>
Min Conc: <None>

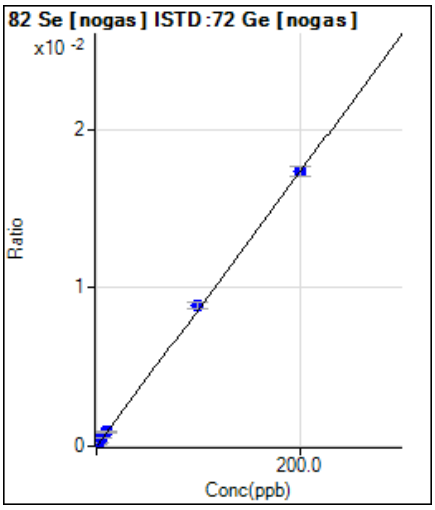
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	369.34	0.0003	P	7.3	
2	☐	2.000	1.717	678.01	0.0006	P	10.3	-14.
3	☐	5.000	5.035	1265.38	0.0011	P	4.9	0.7
4	☐	10.000	10.058	2146.13	0.0018	P	1.7	0.6
5	☐	100.000	99.191	17525.08	0.0151	P	0.7	-0.8
6	☐	200.000	200.404	33906.74	0.0302	P	0.5	0.2
7	☐	1.000						

y = 1.4895E-004 * x + 3.0726E-004
R = 1.0000
DL = 0.4529 ppb
BEC = 2.063 ppb

Weight: <None>
Min Conc: <None>

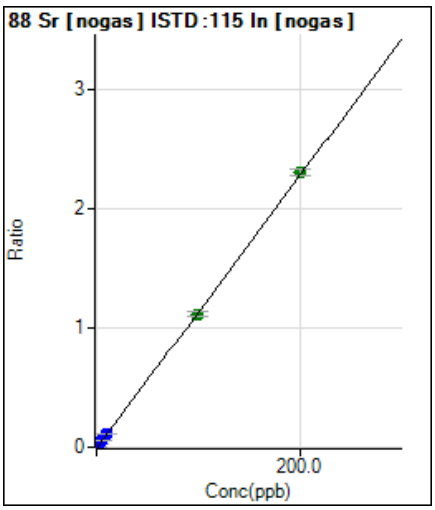


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	160.00	0.0001	P	21.6	
2	☐	2.000	2.109	586.69	0.0003	P	5.0	5.4
3	☐	5.000	5.063	1180.06	0.0005	P	5.0	1.3
4	☐	10.000	9.641	2113.50	0.0009	P	8.0	-3.6
5	☐	100.000	101.359	20335.07	0.0089	P	5.2	1.4
6	☐	200.000	199.336	39536.66	0.0173	P	3.3	-0.3
7	☐	1.000						

y = 8.6685E-005 * x + 6.7292E-005
R = 1.0000
DL = 0.5023 ppb
BEC = 0.7763 ppb

Weight: <None>
Min Conc: <None>

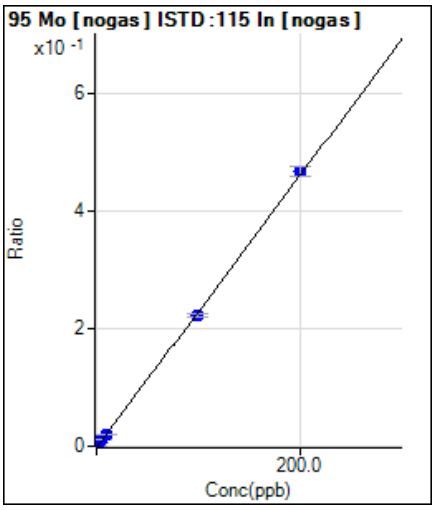
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2650.24	0.0010	P	4.9	
2	☐	2.000	2.015	65395.09	0.0240	P	4.4	0.7
3	☐	5.000	4.835	158162.71	0.0562	P	2.0	-3.3
4	☐	10.000	9.872	317928.17	0.1138	P	0.5	-1.3
5	☐	100.000	97.510	3016069.02	1.1158	A	3.1	-2.5
6	☐	200.000	201.255	6025465.75	2.3020	A	3.0	0.6
7	☐	1.000						

y = 0.0114 * x + 9.5624E-004
R = 0.9999
DL = 0.01228 ppb
BEC = 0.08364 ppb

Weight: <None>
Min Conc: <None>

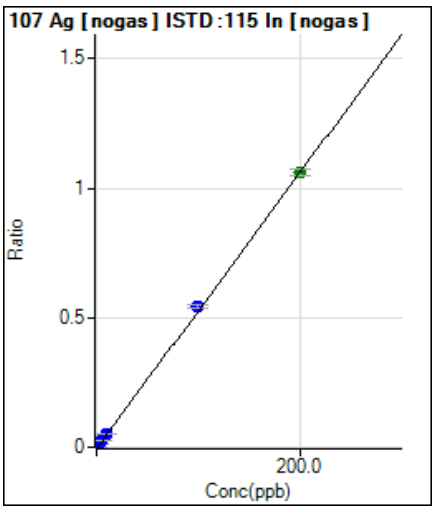


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	96.67	0.0000	P	35.5	
2	☐	2.000	1.888	12020.86	0.0044	P	1.5	-5.6
3	☐	5.000	4.312	28185.81	0.0100	P	1.7	-13.
4	☐	10.000	8.913	57733.11	0.0207	P	2.4	-10.
5	☐	100.000	96.222	602422.66	0.2229	P	2.3	-3.8
6	☐	200.000	201.962	1224268.91	0.4677	P	3.3	1.0
7	☐	1.000						

y = 0.0023 * x + 3.4799E-005
R = 0.9998
DL = 0.01598 ppb
BEC = 0.01503 ppb

Weight: <None>
Min Conc: <None>

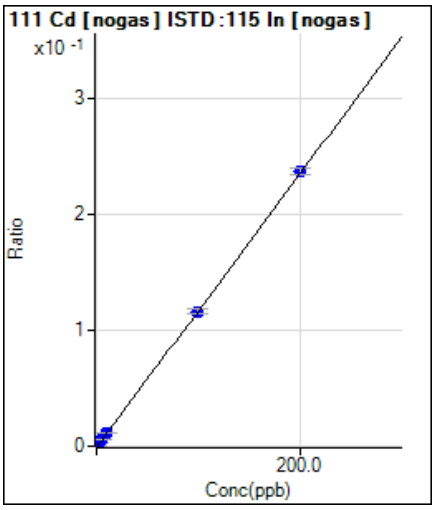
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	63.33	0.0000	P	24.8	
2	☐	2.000	2.041	29715.23	0.0109	P	2.3	2.0
3	☐	5.000	4.803	72052.45	0.0256	P	1.5	-3.9
4	☐	10.000	9.832	146374.77	0.0524	P	1.3	-1.7
5	☐	100.000	101.766	1465860.45	0.5423	P	2.4	1.8
6	☐	200.000	199.130	2777868.81	1.0611	A	2.4	-0.4
7	☐	1.000						

y = 0.0053 * x + 2.2872E-005
R = 0.9999
DL = 0.003191 ppb
BEC = 0.004292 ppb

Weight: <None>
Min Conc: <None>

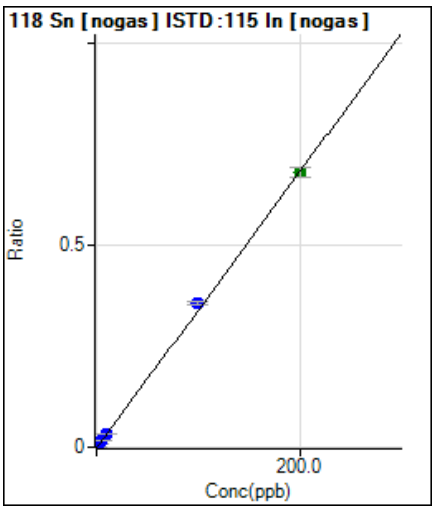


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	20.00	0.0000	P	86.6	
2	☐	2.000	1.904	6154.51	0.0023	P	6.1	-4.8
3	☐	5.000	4.607	15340.18	0.0055	P	2.8	-7.9
4	☐	10.000	9.314	30767.07	0.0110	P	3.0	-6.9
5	☐	100.000	98.549	314954.36	0.1165	P	2.8	-1.5
6	☐	200.000	200.771	621354.60	0.2374	P	2.8	0.4
7	☐	1.000						

y = 0.0012 * x + 7.1821E-006
R = 1.0000
DL = 0.01578 ppb
BEC = 0.006075 ppb

Weight: <None>
Min Conc: <None>

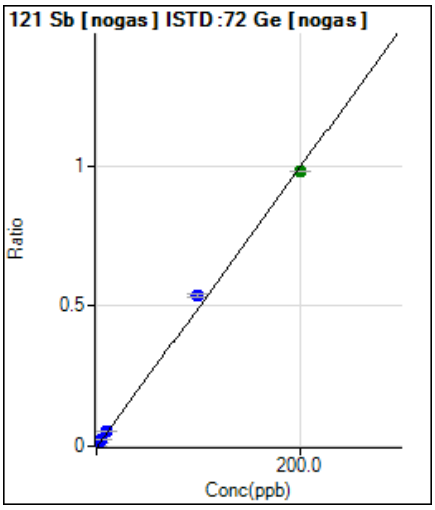
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2233.51	0.0008	P	4.5	
2	☐	2.000	2.014	21046.23	0.0077	P	4.0	0.7
3	☐	5.000	4.819	48801.13	0.0173	P	1.4	-3.6
4	☐	10.000	9.803	96248.50	0.0345	P	1.9	-2.0
5	☐	100.000	103.411	961864.39	0.3558	P	2.3	3.4
6	☐	200.000	198.309	1784091.12	0.6816	A	3.5	-0.8
7	☐	1.000						

y = 0.0034 * x + 8.0543E-004
R = 0.9998
DL = 0.03149 ppb
BEC = 0.2346 ppb

Weight: <None>
Min Conc: <None>

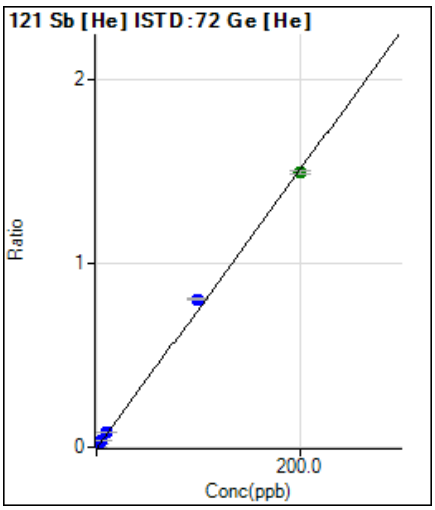


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	703.36	0.0003	P	14.6	
2	☐	2.000	2.068	24954.63	0.0106	P	5.1	3.4
3	☐	5.000	5.062	59714.74	0.0256	P	0.8	1.2
4	☐	10.000	10.202	120228.81	0.0513	P	3.0	2.0
5	☐	100.000	107.565	1236756.23	0.5383	P	2.1	7.6
6	☐	200.000	196.205	2237202.41	0.9817	A	0.5	-1.9
7	☐	1.000						

y = 0.0050 * x + 2.9594E-004
R = 0.9990
DL = 0.02588 ppb
BEC = 0.05916 ppb

Weight: <None>
Min Conc: <None>

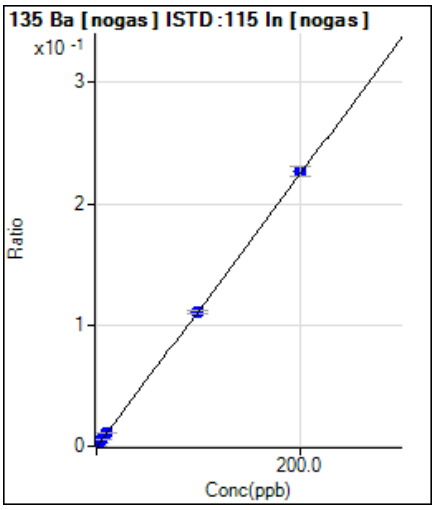
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	570.01	0.0005	P	24.2	
2	☐	2.000	2.010	18900.43	0.0157	P	0.6	0.5
3	☐	5.000	4.979	45722.96	0.0382	P	0.6	-0.4
4	☐	10.000	10.157	92036.64	0.0774	P	1.0	1.6
5	☐	100.000	105.804	932043.03	0.8021	P	1.0	5.8
6	☐	200.000	197.091	1679419.61	1.4937	A	1.1	-1.5
7	☐	1.000						

y = 0.0076 * x + 4.7489E-004
R = 0.9994
DL = 0.04555 ppb
BEC = 0.06268 ppb

Weight: <None>
Min Conc: <None>

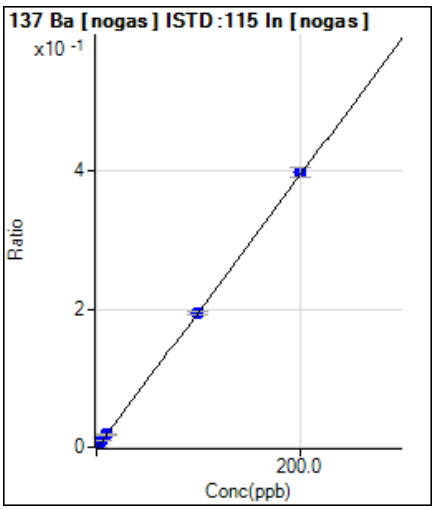


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	273.35	0.0001	P	12.1	
2	☐	2.000	1.843	5934.45	0.0022	P	3.5	-7.9
3	☐	5.000	4.396	14219.31	0.0051	P	3.1	-12.
4	☐	10.000	9.161	29121.44	0.0104	P	2.3	-8.4
5	☐	100.000	97.900	298681.70	0.1105	P	2.1	-2.1
6	☐	200.000	201.109	593802.93	0.2269	P	3.8	0.6
7	☐	1.000						

y = 0.0011 * x + 9.8616E-005
R = 0.9999
DL = 0.03167 ppb
BEC = 0.08745 ppb

Weight: <None>
Min Conc: <None>

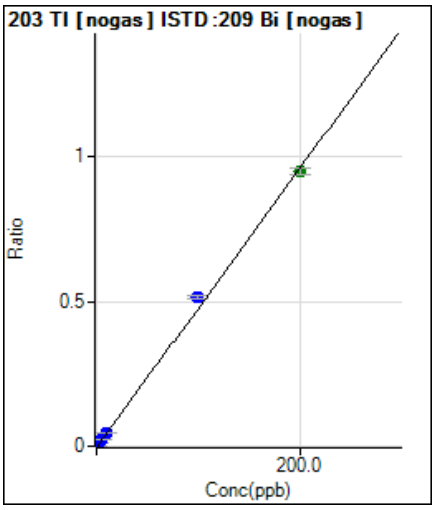
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	386.68	0.0001	P	8.0	
2	☐	2.000	1.855	10386.62	0.0038	P	6.7	-7.3
3	☐	5.000	4.479	25332.07	0.0090	P	3.7	-10.
4	☐	10.000	9.038	50356.88	0.0180	P	3.1	-9.6
5	☐	100.000	97.832	523939.85	0.1938	P	2.2	-2.2
6	☐	200.000	201.147	1042679.25	0.3984	P	3.8	0.6
7	☐	1.000						

y = 0.0020 * x + 1.3948E-004
R = 0.9999
DL = 0.01698 ppb
BEC = 0.07045 ppb

Weight: <None>
Min Conc: <None>

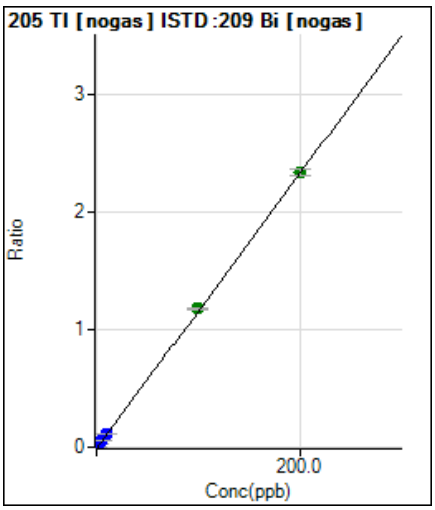


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	26.67	0.0000	P	20.6	
2	☐	2.000	1.976	24034.50	0.0096	P	4.8	-1.2
3	☐	5.000	4.860	58965.73	0.0235	P	1.0	-2.8
4	☐	10.000	9.859	117201.40	0.0477	P	1.8	-1.4
5	☐	100.000	106.681	1217872.51	0.5157	P	2.2	6.7
6	☐	200.000	196.670	2212323.41	0.9507	A	2.6	-1.7
7	☐	1.000						

y = 0.0048 * x + 1.0755E-005
R = 0.9992
DL = 0.001377 ppb
BEC = 0.002225 ppb

Weight: <None>
Min Conc: <None>

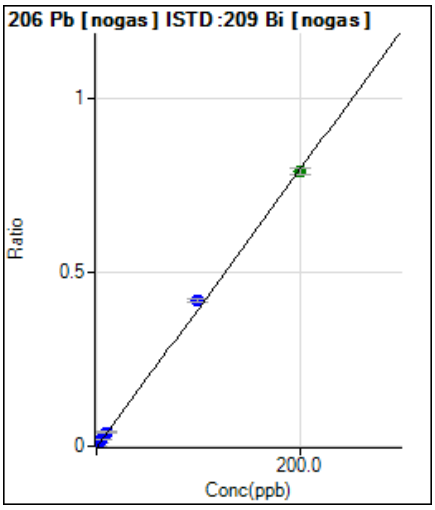
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	60.00	0.0000	P	42.5	
2	☐	2.000	1.965	57828.48	0.0230	P	5.4	-1.7
3	☐	5.000	4.803	141009.88	0.0562	P	2.5	-3.9
4	☐	10.000	9.907	284950.40	0.1159	P	3.4	-0.9
5	☐	100.000	100.656	2780997.56	1.1774	A	0.6	0.7
6	☐	200.000	199.682	5435152.42	2.3358	A	2.9	-0.2
7	☐	1.000						

y = 0.0117 * x + 2.4143E-005
R = 1.0000
DL = 0.00263 ppb
BEC = 0.002064 ppb

Weight: <None>
Min Conc: <None>

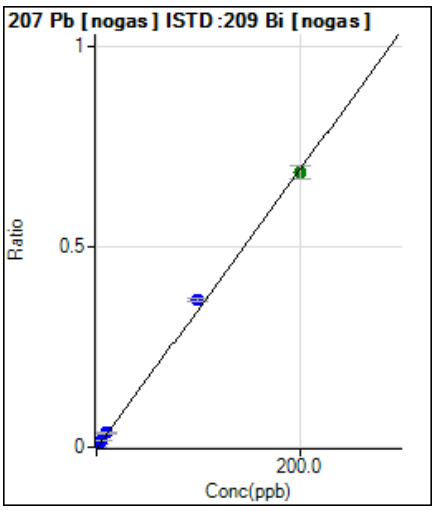


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	290.01	0.0001	P	15.0	
2	☐	2.000	1.880	19248.19	0.0077	P	3.8	-6.0
3	☐	5.000	4.872	49307.67	0.0197	P	1.7	-2.6
4	☐	10.000	10.010	98966.91	0.0403	P	3.4	0.1
5	☐	100.000	104.859	993300.66	0.4206	P	1.5	4.9
6	☐	200.000	197.574	1843870.75	0.7924	A	2.5	-1.2
7	☐	1.000						

y = 0.0040 * x + 1.1708E-004
R = 0.9996
DL = 0.01317 ppb
BEC = 0.0292 ppb

Weight: <None>
Min Conc: <None>

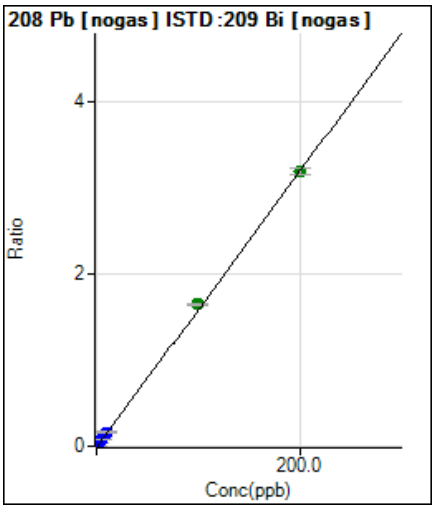
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	286.68	0.0001	P	5.9	
2	☐	2.000	1.930	17212.60	0.0068	P	5.8	-3.5
3	☐	5.000	4.880	42989.70	0.0171	P	1.7	-2.4
4	☐	10.000	10.091	86805.47	0.0353	P	2.3	0.9
5	☐	100.000	105.920	872695.74	0.3695	P	2.2	5.9
6	☐	200.000	197.039	1599258.15	0.6873	A	4.3	-1.5
7	☐	1.000						

y = 0.0035 * x + 1.1575E-004
R = 0.9994
DL = 0.005894 ppb
BEC = 0.03319 ppb

Weight: <None>
Min Conc: <None>

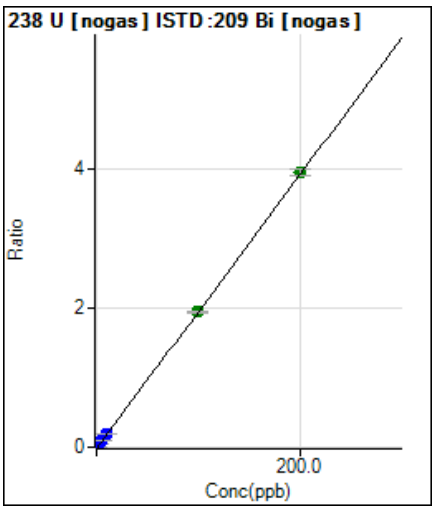


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1146.71	0.0005	P	11.1	
2	☐	2.000	1.927	78765.74	0.0313	P	4.0	-3.7
3	☐	5.000	4.860	196522.96	0.0783	P	0.8	-2.8
4	☐	10.000	10.064	397543.14	0.1617	P	2.7	0.6
5	☐	100.000	102.432	3877093.67	1.6416	A	1.1	2.4
6	☐	200.000	198.785	7412140.10	3.1853	A	2.8	-0.6
7	☐	1.000						

y = 0.0160 * x + 4.6337E-004
R = 0.9999
DL = 0.009669 ppb
BEC = 0.02892 ppb

Weight: <None>
Min Conc: <None>

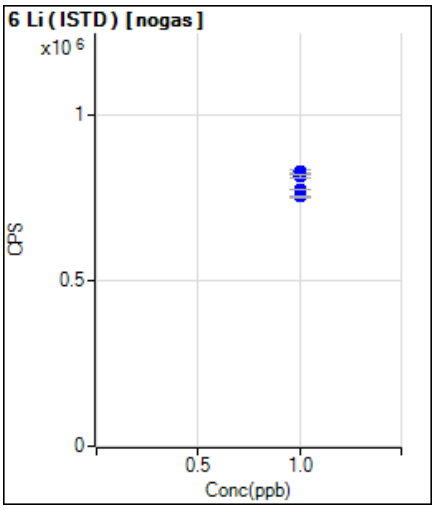
Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	46.67	0.0000	P	23.1	
2	☐	2.000	1.874	92810.94	0.0369	P	4.7	-6.3
3	☐	5.000	4.632	228882.85	0.0912	P	1.8	-7.4
4	☐	10.000	9.647	467086.58	0.1900	P	2.7	-3.5
5	☐	100.000	98.656	4588808.06	1.9430	A	1.1	-1.3
6	☐	200.000	200.700	9197606.74	3.9527	A	2.9	0.4
7	☐	1.000						

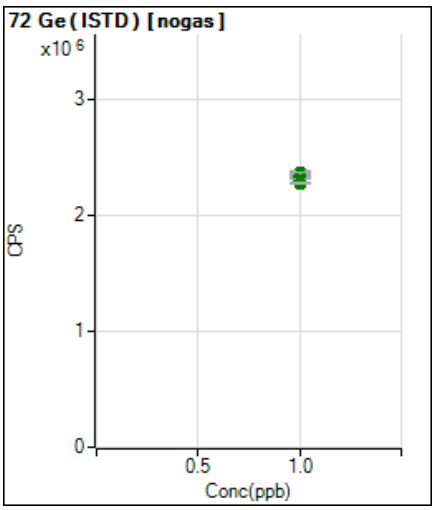
y = 0.0197 * x + 1.8807E-005
R = 1.0000
DL = 0.0006607 ppb
BEC = 0.000955 ppb

Weight: <None>
Min Conc: <None>

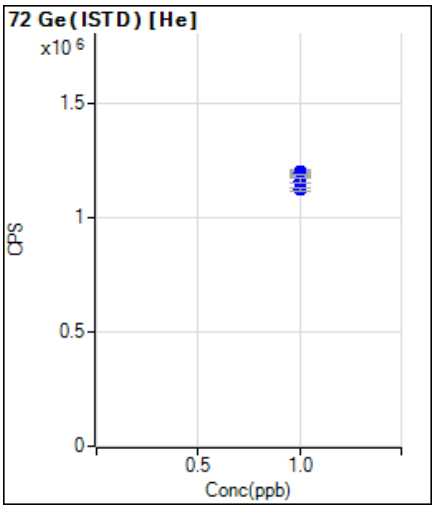


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		829172.24		P	0.7	
2	☐	1.000		822797.03		P	0.5	
3	☐	1.000		821616.87		P	0.6	
4	☐	1.000		814084.58		P	1.0	
5	☐	1.000		774923.16		P	0.3	
6	☐	1.000		752044.56		P	0.9	
7	☐	1.000						

Calibration for 239_ICV.d

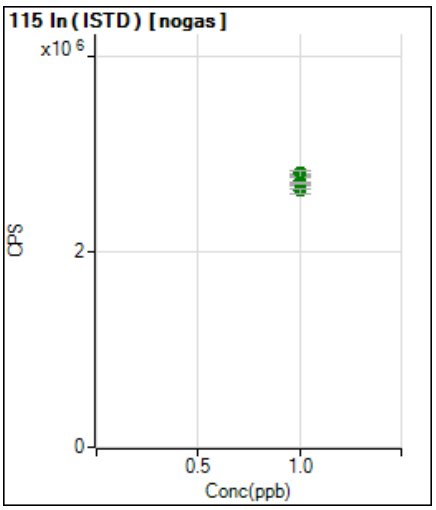


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2374121.48		A	1.1	
2	☐	1.000		2346629.39		A	1.4	
3	☐	1.000		2330856.01		A	1.3	
4	☐	1.000		2343539.60		A	2.6	
5	☐	1.000		2297648.35		A	1.2	
6	☐	1.000		2278908.51		A	0.6	
7	☐	1.000						

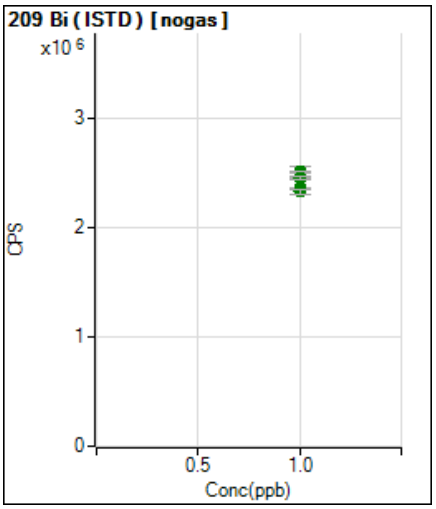


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1202071.91		P	1.0	
2	☐	1.000		1203346.49		P	1.0	
3	☐	1.000		1197099.49		P	1.1	
4	☐	1.000		1188636.26		P	0.6	
5	☐	1.000		1162080.74		P	1.8	
6	☐	1.000		1124298.55		P	1.1	
7	☐	1.000						

Calibration for 239_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2772566.30		A	1.2	
2	☐	1.000		2728206.04		A	3.2	
3	☐	1.000		2812893.41		A	0.7	
4	☐	1.000		2793341.44		A	2.1	
5	☐	1.000		2703482.09		A	0.9	
6	☐	1.000		2618476.39		A	1.8	
7	☐	1.000						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2475474.03		A	1.6	
2	☐	1.000		2515778.92		A	3.5	
3	☐	1.000		2508864.13		A	0.8	
4	☐	1.000		2458825.90		A	1.3	
5	☐	1.000		2361859.13		A	0.6	
6	☐	1.000		2327736.21		A	1.8	
7	☐	1.000						

Initial Calibration Verification (ICV) Report

Sample Table

Sample Name	ICCV
Data File Name	239_ICV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T21:03:35-06:00
Sample Type	ICV
Dilution	1
Comment	
ISTD Ref File Name	229CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	99.285	0.678	348320	1.16	100	99.3	90	110	
B	11	1	nogas	496.069	2.310	1109910	2.78	500	99.2	90	110	
Al	27	1	nogas	102.890	5.269	1291797	3.47	100	102.9	90	110	
P	31	1	nogas	507.396	0.434	383416	1.38	500	101.5	90	110	
Ti	47	1	nogas	99.498	1.539	156240	1.06	100	99.5	90	110	
Ni	60	1	nogas	101.212	0.389	449756	1.99	100	101.2	90	110	
Cu	63	1	nogas	104.782	0.379	1052512	1.48	100	104.8	90	110	
Zn	66	1	nogas	101.681	1.048	288154	1.16	100	101.7	90	110	
Se	77	1	nogas	99.055	2.573	19087	0.32	100	99.1	90	110	
Se	82	1	nogas	101.677	2.621	20482	3.92	100	101.7	90	110	
Sr	88	1	nogas	98.525	1.079	3042500	1.42	100	98.5	90	110	
Mo	95	1	nogas	96.978	0.990	606140	1.09	100	97.0	90	110	
Ag	107	1	nogas	100.382	3.269	1443379	2.85	100	100.4	90	110	
Cd	111	1	nogas	98.796	1.668	315226	1.81	100	98.8	90	110	
Sn	118	1	nogas	103.705	1.714	962951	1.67	100	103.7	90	110	
Sb	121	1	nogas	107.122	0.572	1236190	2.04	100	107.1	90	110	
Ba	137	1	nogas	98.099	2.299	524504	2.61	100	98.1	90	110	
Tl	205	1	nogas	98.239	0.717	2711969	0.30	100	98.2	90	110	
Pb	208	1	nogas	101.452	2.361	3836854	1.89	100	101.5	90	110	
U	238	1	nogas	98.259	1.945	4566648	1.34	100	98.3	90	110	
Li	7	1	nogas	99.769	1.655	1124182	2.03	100	99.8	90	110	
Si	28	1	nogas	5187.464	2.001	3648944	1.17	5000	103.7	90	110	
Ba	135	1	nogas	98.943	0.994	301358	1.42	100	98.9	90	110	
Tl	203	1	nogas	106.270	2.570	1212210	1.96	100	106.3	90	110	
Na	23	2	He	10021.529	1.840	17507662	1.47	10000	100.2	90	110	
Mg	24	2	He	10003.195	1.339	11517452	1.89	10000	100.0	90	110	
Al	27	2	He	100.859	1.553	105538	2.95	100	100.9	90	110	
K	39	2	He	9878.880	0.360	17588801	3.46	10000	98.8	90	110	
Ca	43	2	He	9775.041	1.131	53456	2.73	10000	97.8	90	110	
Ca	44	2	He	9986.934	0.262	894606	3.30	10000	99.9	90	110	
V	51	2	He	101.502	0.524	912439	2.69	100	101.5	90	110	
Cr	52	2	He	101.837	0.351	949085	2.86	100	101.8	90	110	
Mn	55	2	He	101.989	0.366	874629	2.99	100	102.0	90	110	
Fe	56	2	He	9856.452	0.634	84836604	2.93	10000	98.6	90	110	
Co	59	2	He	102.097	0.268	1259483	3.13	100	102.1	90	110	
Ni	60	2	He	99.533	0.605	308234	2.61	100	99.5	90	110	
Cu	63	2	He	103.463	1.056	770117	2.16	100	103.5	90	110	
Zn	66	2	He	100.376	1.134	172205	2.86	100	100.4	90	110	
As	75	2	He	99.375	1.003	134907	3.79	100	99.4	90	110	
Sb	121	2	He	105.624	0.428	924000	2.78	100	105.6	90	110	
Se	78	2	He	100.740	0.177	17671	3.11	100	100.7	90	110	
Ti	47	2	He	96.685	0.145	42385	3.34	100	96.7	90	110	

QC ISTD Table

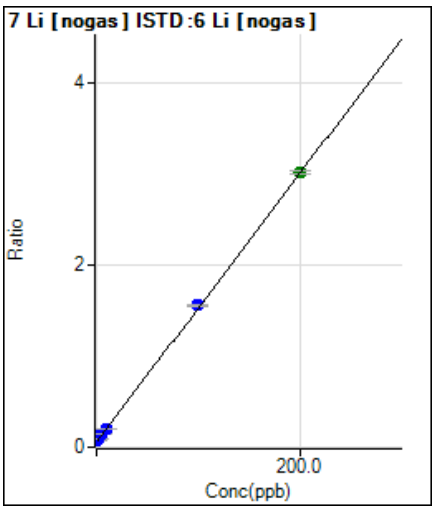
Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2305786	1.80	2374121	97.12	70	120	
In	115	1	nogas	2698590	0.44	2772566	97.33	70	120	
Li	6	1	nogas	780879	0.48	829172	94.18	70	120	
Bi	209	1	nogas	2360018	0.61	2475474	95.34	70	120	
Ge	72	2	He	1154039	3.20	1202072	96.00	70	120	

Calibration for 270_ICV.d

Batch Folder:	C:\Agilent\ICPMH\1\DATA\012621A.b\
Analysis File:	012621A.batch.bin
DA Date-Time:	1/26/2021 11:00:38 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	

Level	Standard Data File	Sample Name	Acq. Date-Time
1	263CALB.d	CAL BLK	1/26/2021 10:19:28 PM
2	264CALS.d	2/10/200	1/26/2021 10:21:30 PM
3	265CALS.d	5/25/500	1/26/2021 10:23:32 PM
4	266CALS.d	10/50/1000	1/26/2021 10:25:33 PM
5	267CALS.d	100/500/10K	1/26/2021 10:27:34 PM
6	268CALS.d	200/1000/20K	1/26/2021 10:29:33 PM
7			

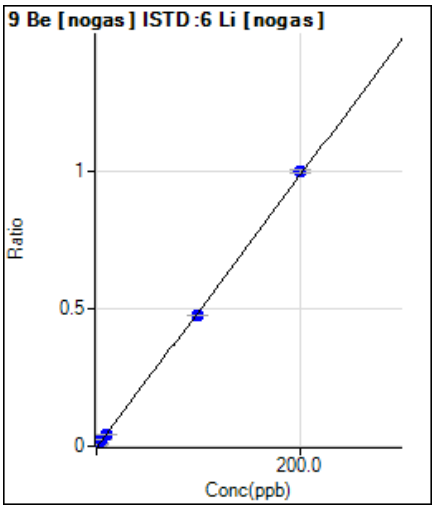
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	47534.77	0.0702	P	0.6	
2	☐	2.000	1.865	65814.48	0.0978	P	0.7	-6.7
3	☐	5.000	4.619	93589.13	0.1385	P	0.6	-7.6
4	☐	10.000	9.335	139834.43	0.2081	P	0.4	-6.7
5	☐	100.000	100.794	991151.18	1.5590	P	0.8	0.8
6	☐	200.000	199.647	1836153.98	3.0192	A	1.0	-0.2
7	☐	1.000						

y = 0.0148 * x + 0.0702
R = 1.0000
DL = 0.08215 ppb
BEC = 4.756 ppb

Weight: <None>
Min Conc: <None>

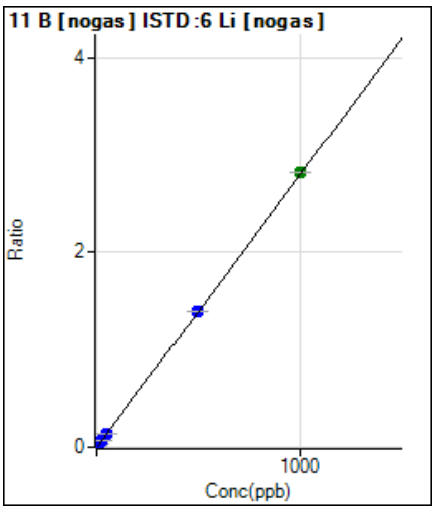


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	26.67	0.0000	P	76.0	
2	☐	2.000	1.798	5997.64	0.0089	P	2.9	-10.
3	☐	5.000	4.329	14468.85	0.0214	P	3.5	-13.
4	☐	10.000	8.724	28955.06	0.0431	P	1.8	-12.
5	☐	100.000	96.137	301682.43	0.4745	P	0.6	-3.9
6	☐	200.000	202.014	606380.94	0.9970	P	0.7	1.0
7	☐	1.000						

y = 0.0049 * x + 3.9440E-005
R = 0.9997
DL = 0.01821 ppb
BEC = 0.007991 ppb

Weight: <None>
Min Conc: <None>

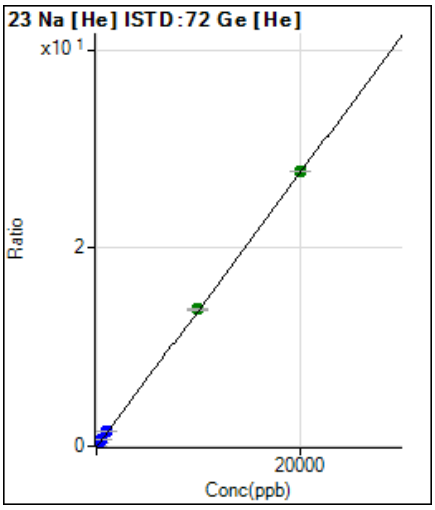
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7501.51	0.0111	P	4.3	
2	☐	10.000	9.150	24699.21	0.0367	P	1.1	-8.5
3	☐	25.000	22.752	50535.99	0.0748	P	2.2	-9.0
4	☐	50.000	45.690	93382.34	0.1390	P	0.9	-8.6
5	☐	500.000	491.705	882204.93	1.3876	P	0.2	-1.7
6	☐	1000.000	1004.427	1716917.68	2.8229	A	0.3	0.4
7	☐	5.000						

y = 0.0028 * x + 0.0111
R = 1.0000
DL = 0.5065 ppb
BEC = 3.959 ppb

Weight: <None>
Min Conc: <None>

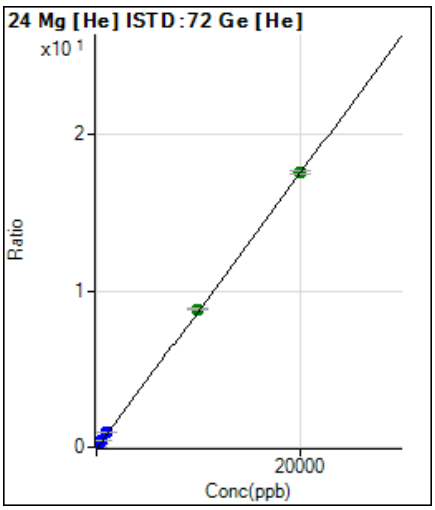


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	25070.10	0.0304	P	1.7	
2	☐	200.000	203.977	260246.47	0.3131	P	0.9	2.0
3	☐	500.000	508.836	606127.36	0.7358	P	1.2	1.8
4	☐	1000.000	1031.271	1200071.96	1.4600	P	0.7	3.1
5	☐	10000.00	9960.365	11295296.91	13.8382	A	1.0	-0.4
6	☐	20000.00	20017.99	22321930.50	27.7809	A	0.3	0.1
7	☐	100.000						

y = 0.0014 * x + 0.0304
R = 1.0000
DL = 1.094 ppb
BEC = 21.91 ppb

Weight: <None>
Min Conc: <None>

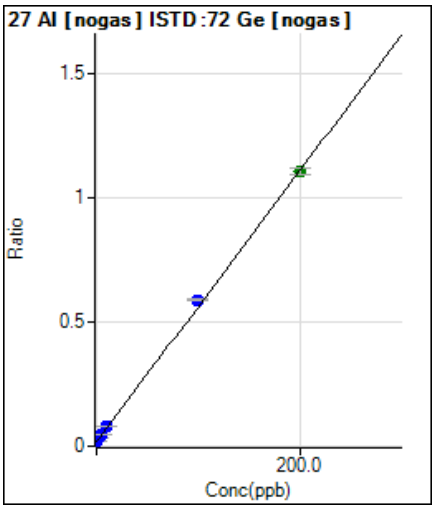
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1586.77	0.0019	P	5.0	
2	☐	200.000	208.683	154278.34	0.1856	P	0.4	4.3
3	☐	500.000	515.281	375320.37	0.4556	P	1.0	3.1
4	☐	1000.000	1041.079	754990.33	0.9185	P	0.5	4.1
5	☐	10000.00	10039.44	7215636.35	8.8408	A	1.3	0.4
6	☐	20000.00	19977.75	14133547.71	17.5906	A	0.9	-0.1
7	☐	100.000						

y = 8.8041E-004 * x + 0.0019
R = 1.0000
DL = 0.3286 ppb
BEC = 2.184 ppb

Weight: <None>
Min Conc: <None>

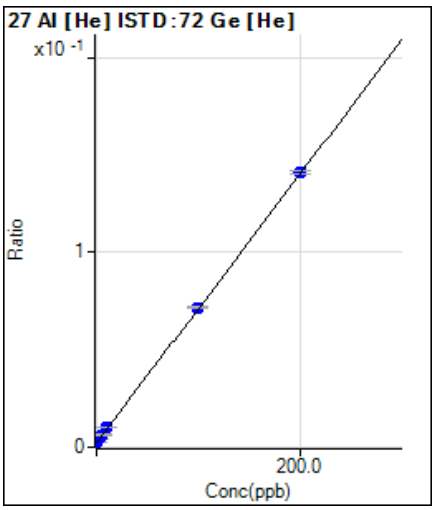


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	43122.56	0.0226	P	3.0	
2	☐	2.000	1.834	62031.42	0.0327	P	3.1	-8.3
3	☐	5.000	4.836	92892.87	0.0491	P	3.1	-3.3
4	☐	10.000	10.274	149579.70	0.0788	P	0.7	2.7
5	☐	100.000	103.399	1108493.26	0.5882	P	0.9	3.4
6	☐	200.000	198.293	2060021.74	1.1073	A	2.4	-0.9
7	☐	1.000						

y = 0.0055 * x + 0.0226
R = 0.9998
DL = 0.3698 ppb
BEC = 4.137 ppb

Weight: <None>
Min Conc: <None>

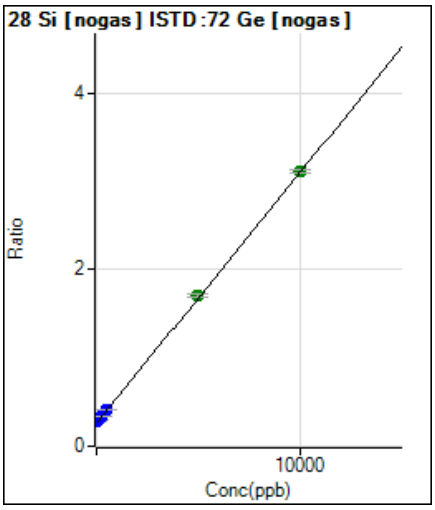
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2383.52	0.0029	P	3.0	
2	☐	2.000	1.862	3467.05	0.0042	P	5.7	-6.9
3	☐	5.000	4.875	5150.80	0.0063	P	11.0	-2.5
4	☐	10.000	10.809	8498.70	0.0103	P	3.9	8.1
5	☐	100.000	99.433	58326.16	0.0715	P	1.1	-0.6
6	☐	200.000	200.247	113284.84	0.1410	P	0.7	0.1
7	☐	1.000						

y = 6.8964E-004 * x + 0.0029
R = 1.0000
DL = 0.3752 ppb
BEC = 4.188 ppb

Weight: <None>
Min Conc: <None>

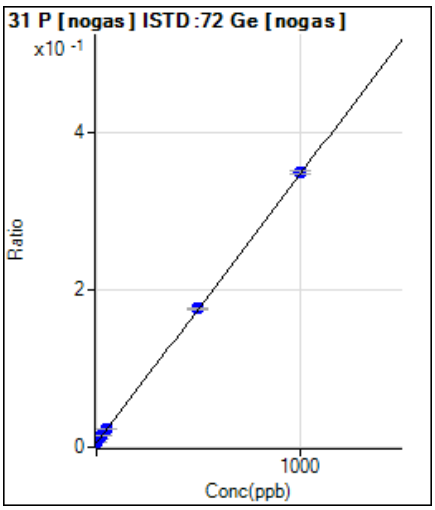


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	528742.76	0.2775	P	1.3	
2	☐	100.000	87.352	574048.10	0.3023	P	1.7	-12.
3	☐	250.000	230.078	648658.31	0.3428	P	1.6	-8.0
4	☐	500.000	464.904	776918.32	0.4095	P	0.7	-7.0
5	☐	5000.000	5018.116	3206793.80	1.7021	A	2.2	0.4
6	☐	10000.00	9993.321	5792929.08	3.1145	A	0.7	-0.1
7	☐	50.000						

y = 2.8389E-004 * x + 0.2775
R = 1.0000
DL = 38.45 ppb
BEC = 977.4 ppb

Weight: <None>
Min Conc: <None>

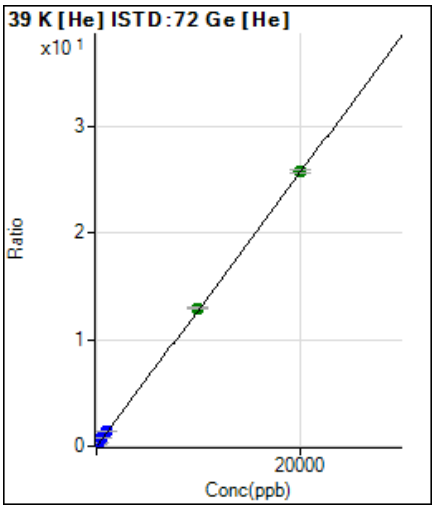
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13078.03	0.0069	P	1.9	
2	☐	10.000	10.281	19697.18	0.0104	P	3.0	2.8
3	☐	25.000	25.532	29479.89	0.0156	P	0.7	2.1
4	☐	50.000	49.304	44950.21	0.0237	P	2.5	-1.4
5	☐	500.000	494.996	331305.96	0.1758	P	1.2	-1.0
6	☐	1000.000	1002.521	649191.68	0.3491	P	1.1	0.3
7	☐	5.000						

y = 3.4135E-004 * x + 0.0069
R = 1.0000
DL = 1.158 ppb
BEC = 20.1 ppb

Weight: <None>
Min Conc: <None>

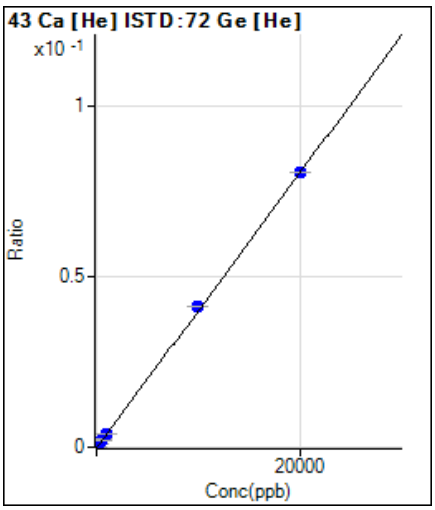


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	75009.23	0.0909	P	1.0	
2	☐	200.000	204.091	293480.85	0.3532	P	1.2	2.0
3	☐	500.000	505.584	610121.16	0.7406	P	0.3	1.1
4	☐	1000.000	1023.220	1155433.26	1.4058	P	1.6	2.3
5	☐	10000.00	10001.88	10564823.17	12.9442	A	1.2	0.0
6	☐	20000.00	19997.71	20721041.36	25.7896	A	1.2	0.0
7	☐	100.000						

y = 0.0013 * x + 0.0909
R = 1.0000
DL = 2.166 ppb
BEC = 70.72 ppb

Weight: <None>
Min Conc: <None>

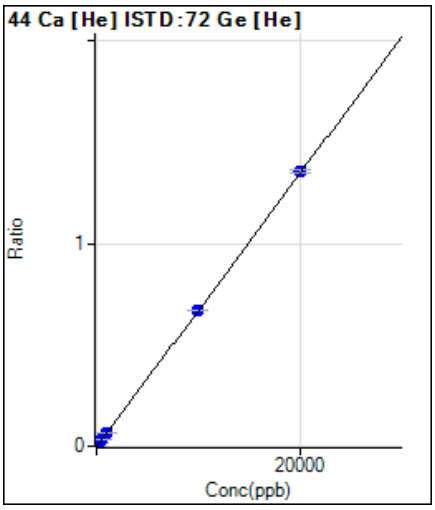
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	90.00	0.0001	P	30.0	
2	☐	200.000	195.204	746.70	0.0009	P	14.1	-2.4
3	☐	500.000	493.929	1736.78	0.0021	P	9.8	-1.2
4	☐	1000.000	920.124	3150.31	0.0038	P	3.3	-8.0
5	☐	10000.00	10167.36	33667.17	0.0412	P	0.2	1.7
6	☐	20000.00	19920.51	64848.95	0.0807	P	0.4	-0.4
7	☐	100.000						

y = 4.0460E-006 * x + 1.0923E-004
R = 0.9999
DL = 24.31 ppb
BEC = 27 ppb

Weight: <None>
Min Conc: <None>

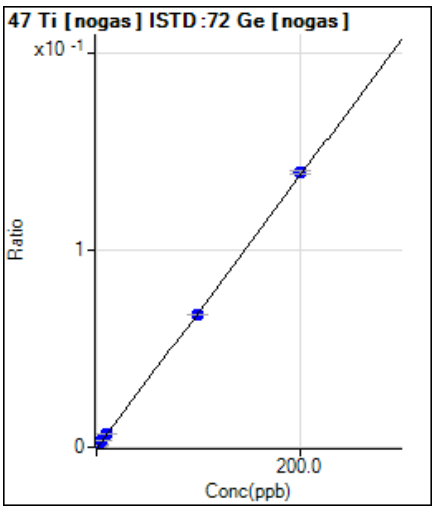


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1520.09	0.0018	P	7.1	
2	☐	200.000	191.843	12287.57	0.0148	P	1.0	-4.1
3	☐	500.000	468.306	27550.54	0.0334	P	1.3	-6.3
4	☐	1000.000	955.521	54515.93	0.0663	P	0.4	-4.4
5	☐	10000.00	9895.139	546505.02	0.6695	P	0.2	-1.0
6	☐	20000.00	20055.52	1088819.72	1.3551	P	0.6	0.3
7	☐	100.000						

y = 6.7477E-005 * x + 0.0018
R = 1.0000
DL = 5.83 ppb
BEC = 27.29 ppb

Weight: <None>
Min Conc: <None>

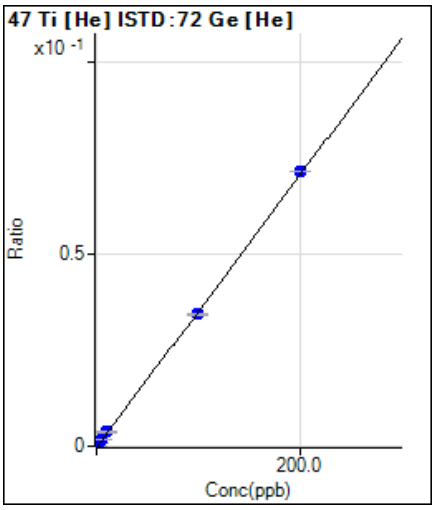
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	83.33	0.0000	P	18.1	
2	☐	2.000	1.754	2386.86	0.0013	P	8.1	-12.
3	☐	5.000	4.395	5837.67	0.0031	P	1.0	-12.
4	☐	10.000	9.242	12217.49	0.0064	P	1.4	-7.6
5	☐	100.000	97.152	126756.56	0.0673	P	0.9	-2.8
6	☐	200.000	201.479	259380.04	0.1395	P	0.8	0.7
7	☐	1.000						

y = 6.9196E-004 * x + 4.3723E-005
R = 0.9999
DL = 0.03439 ppb
BEC = 0.06319 ppb

Weight: <None>
Min Conc: <None>

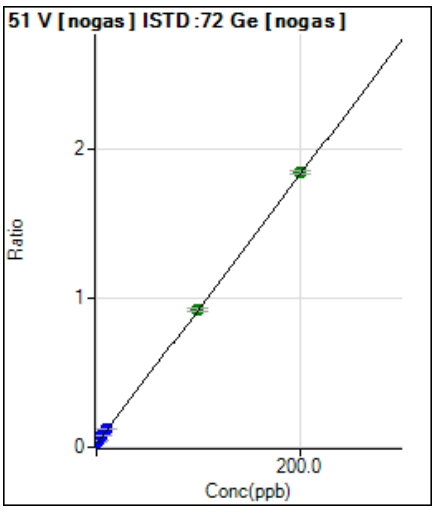


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13.33	0.0000	P	173.	
2	☐	2.000	2.181	656.69	0.0008	P	8.2	9.0
3	☐	5.000	4.891	1443.41	0.0018	P	16.8	-2.2
4	☐	10.000	10.432	3053.64	0.0037	P	8.6	4.3
5	☐	100.000	96.638	28004.61	0.0343	P	1.6	-3.4
6	☐	200.000	201.660	57511.75	0.0716	P	0.4	0.8
7	☐	1.000						

y = 3.5486E-004 * x + 1.5996E-005
R = 0.9998
DL = 0.2342 ppb
BEC = 0.04508 ppb

Weight: <None>
Min Conc: <None>

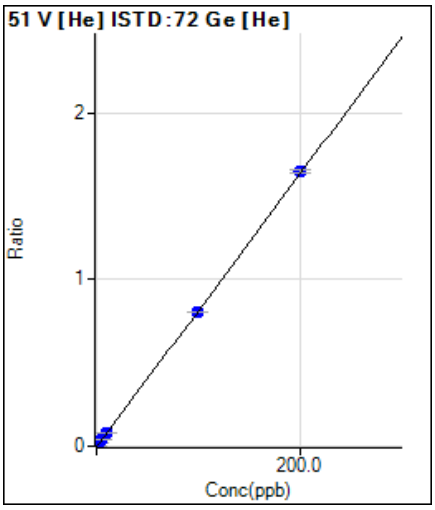
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	59377.93	0.0312	P	2.2	
2	☐	2.000	2.014	93727.96	0.0494	P	2.6	0.7
3	☐	5.000	5.059	145439.37	0.0769	P	2.3	1.2
4	☐	10.000	10.080	231891.82	0.1222	P	1.7	0.8
5	☐	100.000	98.328	1732239.09	0.9194	A	2.0	-1.7
6	☐	200.000	200.830	3431807.14	1.8453	A	1.4	0.4
7	☐	1.000						

y = 0.0090 * x + 0.0312
R = 0.9999
DL = 0.2325 ppb
BEC = 3.449 ppb

Weight: <None>
Min Conc: <None>

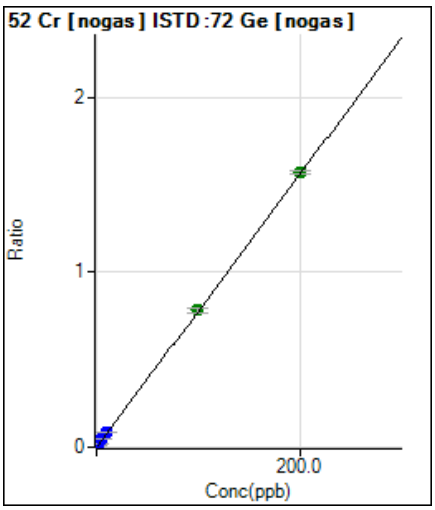


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1886.77	0.0023	P	7.2	
2	☐	2.000	1.859	14564.62	0.0175	P	3.4	-7.1
3	☐	5.000	4.675	33461.06	0.0406	P	1.5	-6.5
4	☐	10.000	9.576	66417.55	0.0808	P	1.0	-4.2
5	☐	100.000	98.331	659958.36	0.8085	P	0.2	-1.7
6	☐	200.000	200.865	1325115.57	1.6492	P	0.7	0.4
7	☐	1.000						

y = 0.0082 * x + 0.0023
R = 1.0000
DL = 0.06007 ppb
BEC = 0.2789 ppb

Weight: <None>
Min Conc: <None>

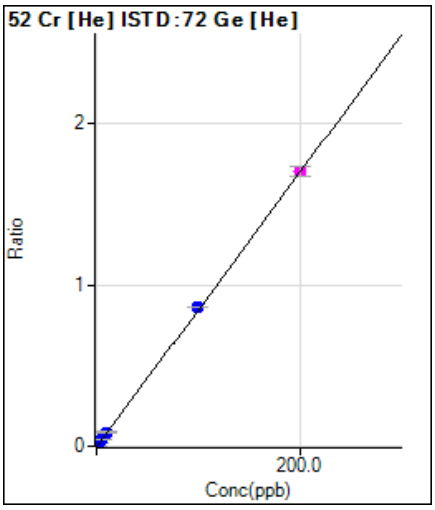
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	11950.65	0.0063	P	4.2	
2	☐	2.000	2.135	43574.62	0.0229	P	2.0	6.8
3	☐	5.000	4.931	84718.82	0.0448	P	0.5	-1.4
4	☐	10.000	10.112	161691.99	0.0852	P	2.7	1.1
5	☐	100.000	99.354	1473159.09	0.7820	A	3.0	-0.6
6	☐	200.000	200.318	2920171.52	1.5702	A	1.2	0.2
7	☐	1.000						

y = 0.0078 * x + 0.0063
R = 1.0000
DL = 0.1012 ppb
BEC = 0.8033 ppb

Weight: <None>
Min Conc: <None>

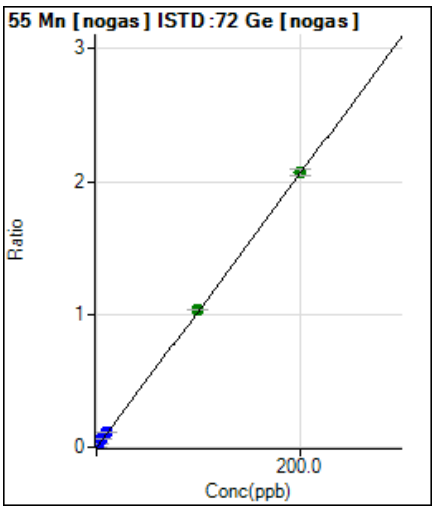


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2046.81	0.0025	P	7.5	
2	☐	2.000	1.986	16137.21	0.0194	P	2.2	-0.7
3	☐	5.000	4.819	35898.21	0.0436	P	2.2	-3.6
4	☐	10.000	9.899	71423.69	0.0869	P	1.8	-1.0
5	☐	100.000	100.838	703849.00	0.8623	P	0.6	0.8
6	☐	200.000	199.591	1369517.58	1.7044	M	3.2	-0.2
7	☐	1.000						

y = 0.0085 * x + 0.0025
R = 1.0000
DL = 0.0657 ppb
BEC = 0.2907 ppb

Weight: <None>
Min Conc: <None>

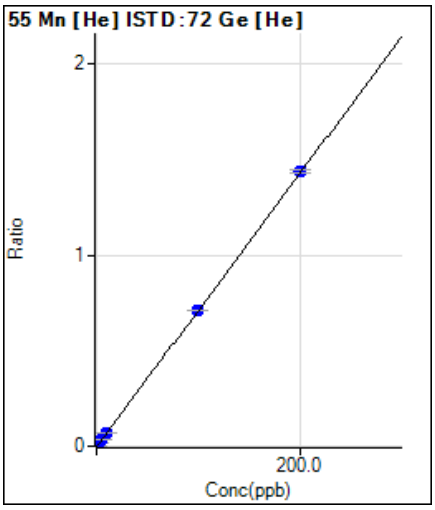
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10429.74	0.0055	P	3.6	
2	☐	2.000	2.111	51782.35	0.0273	P	3.1	5.6
3	☐	5.000	4.930	106658.25	0.0564	P	0.6	-1.4
4	☐	10.000	10.058	207371.50	0.1093	P	1.5	0.6
5	☐	100.000	99.997	1955497.52	1.0377	A	0.6	0.0
6	☐	200.000	199.999	3849585.67	2.0700	A	2.2	0.0
7	☐	1.000						

y = 0.0103 * x + 0.0055
R = 1.0000
DL = 0.05754 ppb
BEC = 0.5301 ppb

Weight: <None>
Min Conc: <None>

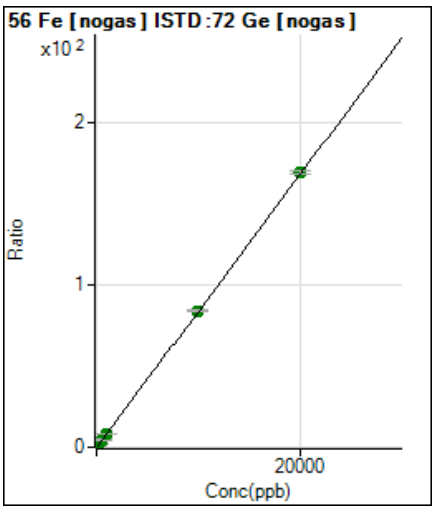


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2156.83	0.0026	P	14.6	
2	☐	2.000	2.094	14635.94	0.0176	P	2.1	4.7
3	☐	5.000	4.603	29306.71	0.0356	P	1.0	-7.9
4	☐	10.000	9.541	58308.09	0.0709	P	1.3	-4.6
5	☐	100.000	99.177	581834.07	0.7128	P	0.5	-0.8
6	☐	200.000	200.443	1155420.79	1.4380	P	0.9	0.2
7	☐	1.000						

y = 0.0072 * x + 0.0026
R = 1.0000
DL = 0.1603 ppb
BEC = 0.3649 ppb

Weight: <None>
Min Conc: <None>

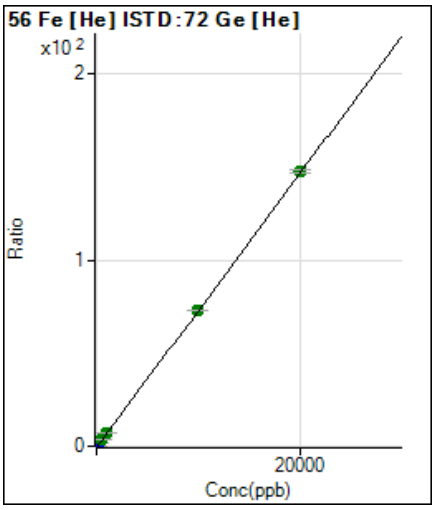
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1005618.24	0.5277	P	0.5	
2	☐	200.000	196.088	4133781.81	2.1766	A	1.2	-2.0
3	☐	500.000	479.067	8621323.00	4.5561	A	1.9	-4.2
4	☐	1000.000	956.819	16267402.26	8.5735	A	0.6	-4.3
5	☐	10000.00	9880.767	157547537.6	83.6138	A	1.2	-1.2
6	☐	20000.00	20062.33	314710361.9	169.229	A	1.7	0.3
7	☐	100.000						

y = 0.0084 * x + 0.5277
R = 1.0000
DL = 1.02 ppb
BEC = 62.76 ppb

Weight: <None>
Min Conc: <None>

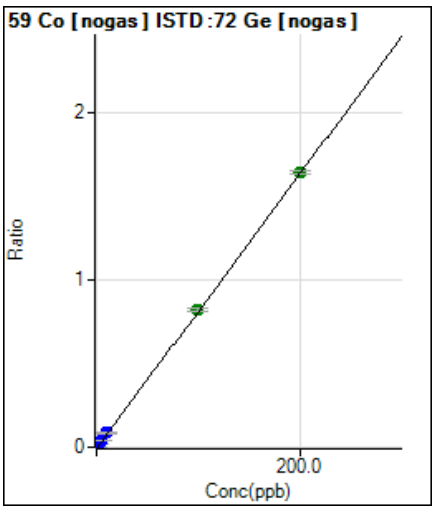


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	18866.54	0.0229	P	1.6	
2	☐	200.000	207.066	1286545.68	1.5481	P	1.2	3.5
3	☐	500.000	491.986	3004353.50	3.6468	A	0.6	-1.6
4	☐	1000.000	977.428	5936345.33	7.2226	A	1.4	-2.3
5	☐	10000.00	9905.825	59575619.12	72.9894	A	0.6	-0.9
6	☐	20000.00	20048.34	118671054.9	147.699	A	1.4	0.2
7	☐	100.000						

y = 0.0074 * x + 0.0229
R = 1.0000
DL = 0.1527 ppb
BEC = 3.104 ppb

Weight: <None>
Min Conc: <None>

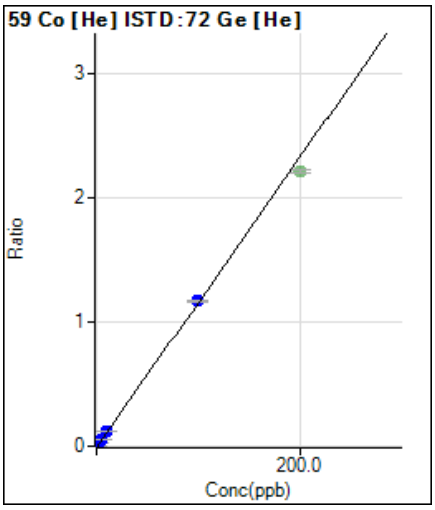
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	323.34	0.0002	P	14.0	
2	☐	2.000	2.072	32712.51	0.0172	P	1.7	3.6
3	☐	5.000	5.125	80126.39	0.0423	P	2.7	2.5
4	☐	10.000	10.294	161051.65	0.0849	P	1.4	2.9
5	☐	100.000	99.894	1549184.61	0.8222	A	1.8	-0.1
6	☐	200.000	200.034	3061704.02	1.6463	A	1.3	0.0
7	☐	1.000						

y = 0.0082 * x + 1.6957E-004
R = 1.0000
DL = 0.008674 ppb
BEC = 0.02061 ppb

Weight: <None>
Min Conc: <None>

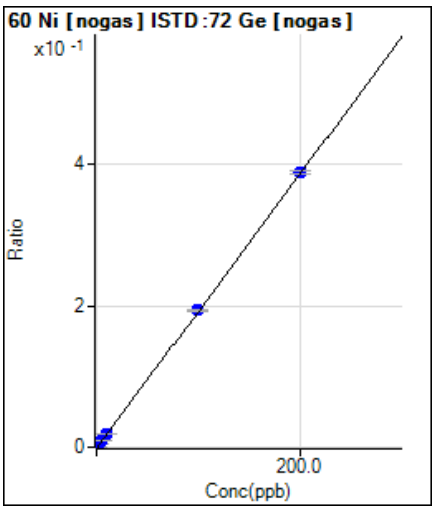


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	146.67	0.0002	P	22.6	
2	☐	2.000	1.937	18963.28	0.0228	P	4.5	-3.1
3	☐	5.000	4.779	46167.80	0.0560	P	1.5	-4.4
4	☐	10.000	9.770	94024.29	0.1144	P	0.2	-2.3
5	☐	100.000	100.035	954609.67	1.1695	P	0.8	0.0
6	☑	200.000		1776390.97	2.2109	A	0.9	
7	☐	1.000						

y = 0.0117 * x + 1.7793E-004
R = 1.0000
DL = 0.01032 ppb
BEC = 0.01522 ppb

Weight: <None>
Min Conc: <None>

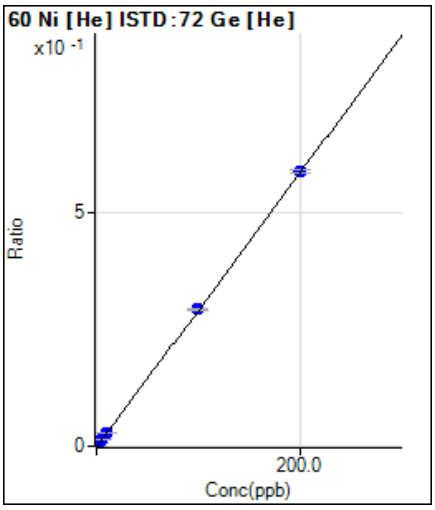
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	496.68	0.0003	P	12.8	
2	☐	2.000	1.937	7628.36	0.0040	P	2.8	-3.2
3	☐	5.000	4.898	18466.10	0.0098	P	2.5	-2.0
4	☐	10.000	9.793	36532.97	0.0193	P	1.2	-2.1
5	☐	100.000	99.624	364546.77	0.1935	P	0.6	-0.4
6	☐	200.000	200.201	722636.68	0.3885	P	0.7	0.1
7	☐	1.000						

y = 0.0019 * x + 2.6075E-004
R = 1.0000
DL = 0.05172 ppb
BEC = 0.1345 ppb

Weight: <None>
Min Conc: <None>

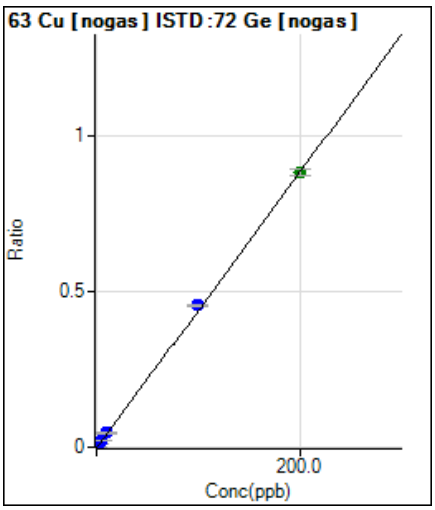


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	283.34	0.0003	P	41.4	
2	☐	2.000	1.914	4950.74	0.0060	P	7.3	-4.3
3	☐	5.000	4.941	12220.87	0.0148	P	1.2	-1.2
4	☐	10.000	9.900	24142.75	0.0294	P	1.9	-1.0
5	☐	100.000	99.801	239177.53	0.2930	P	0.9	-0.2
6	☐	200.000	200.107	471775.14	0.5872	P	1.3	0.1
7	☐	1.000						

y = 0.0029 * x + 3.4401E-004
R = 1.0000
DL = 0.1457 ppb
BEC = 0.1173 ppb

Weight: <None>
Min Conc: <None>

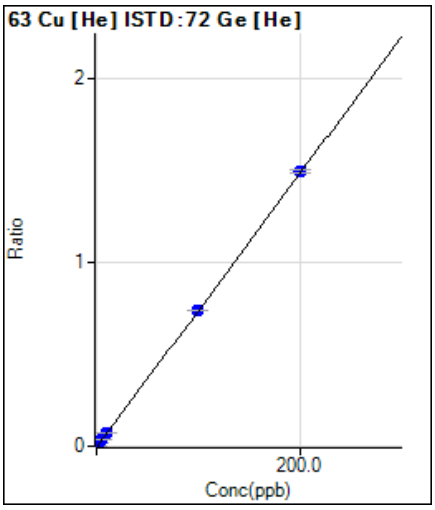
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1506.75	0.0008	P	9.8	
2	☐	2.000	1.954	17995.68	0.0095	P	4.6	-2.3
3	☐	5.000	5.028	43789.08	0.0231	P	3.5	0.6
4	☐	10.000	10.111	86753.04	0.0457	P	2.0	1.1
5	☐	100.000	102.469	859510.19	0.4561	P	1.4	2.5
6	☐	200.000	198.760	1644171.90	0.8840	A	2.1	-0.6
7	☐	1.000						

y = 0.0044 * x + 7.9092E-004
R = 0.9999
DL = 0.05214 ppb
BEC = 0.178 ppb

Weight: <None>
Min Conc: <None>

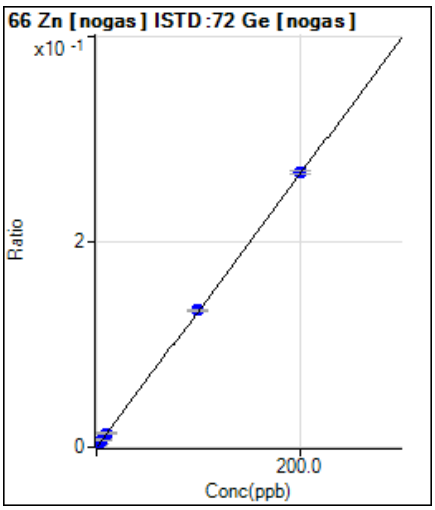


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	843.37	0.0010	P	11.1	
2	☐	2.000	2.031	13415.10	0.0161	P	1.5	1.6
3	☐	5.000	4.833	30482.16	0.0370	P	1.6	-3.3
4	☐	10.000	9.843	61054.39	0.0743	P	2.3	-1.6
5	☐	100.000	99.050	602597.43	0.7383	P	1.0	-1.0
6	☐	200.000	200.487	1199858.18	1.4933	P	1.3	0.2
7	☐	1.000						

y = 0.0074 * x + 0.0010
R = 1.0000
DL = 0.04573 ppb
BEC = 0.1374 ppb

Weight: <None>
Min Conc: <None>

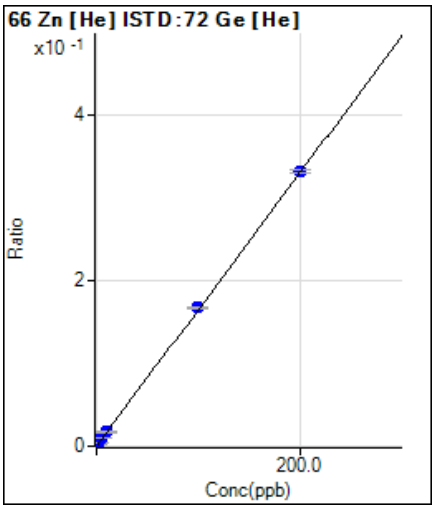
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2130.16	0.0011	P	8.2	
2	☐	2.000	1.861	6828.07	0.0036	P	5.7	-6.9
3	☐	5.000	4.592	13685.30	0.0072	P	2.7	-8.2
4	☐	10.000	9.415	25911.99	0.0137	P	3.0	-5.9
5	☐	100.000	99.325	251331.11	0.1334	P	0.5	-0.7
6	☐	200.000	200.378	498314.98	0.2679	P	1.1	0.2
7	☐	1.000						

y = 0.0013 * x + 0.0011
R = 1.0000
DL = 0.2072 ppb
BEC = 0.8398 ppb

Weight: <None>
Min Conc: <None>

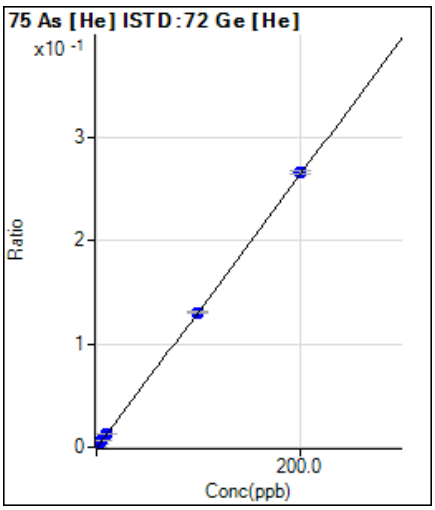


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1530.09	0.0019	P	11.4	
2	☐	2.000	1.689	3853.81	0.0046	P	6.1	-15.
3	☐	5.000	4.443	7561.68	0.0092	P	1.9	-11.
4	☐	10.000	9.334	14168.97	0.0172	P	4.7	-6.7
5	☐	100.000	100.123	136210.40	0.1669	P	1.5	0.1
6	☐	200.000	199.989	266349.61	0.3315	P	0.7	0.0
7	☐	1.000						

y = 0.0016 * x + 0.0019
R = 1.0000
DL = 0.3834 ppb
BEC = 1.125 ppb

Weight: <None>
Min Conc: <None>

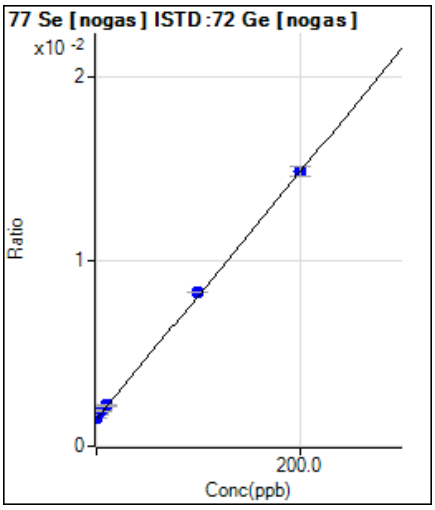
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	136.67	0.0002	P	10.0	
2	☐	2.000	1.919	2249.04	0.0027	P	5.9	-4.0
3	☐	5.000	4.670	5228.55	0.0063	P	2.2	-6.6
4	☐	10.000	9.332	10290.71	0.0125	P	1.5	-6.7
5	☐	100.000	98.288	106321.12	0.1303	P	0.9	-1.7
6	☐	200.000	200.898	213783.73	0.2661	P	1.3	0.4
7	☐	1.000						

y = 0.0013 * x + 1.6553E-004
R = 0.9999
DL = 0.03769 ppb
BEC = 0.1251 ppb

Weight: <None>
Min Conc: <None>

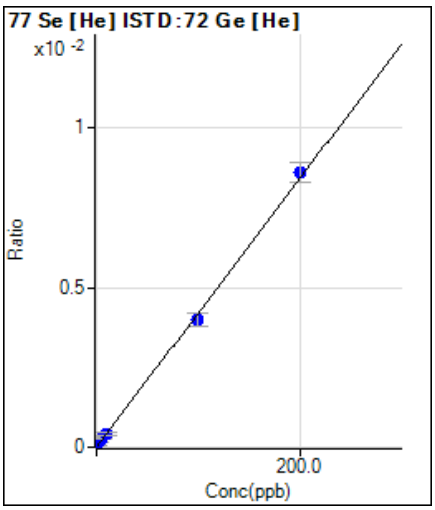


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2946.96	0.0015	P	1.6	
2	☐	2.000	3.086	3327.03	0.0018	P	7.8	54.3
3	☐	5.000	5.883	3670.43	0.0019	P	2.1	17.7
4	☐	10.000	9.996	4200.56	0.0022	P	5.2	0.0
5	☐	100.000	101.166	15653.72	0.0083	P	0.1	1.2
6	☐	200.000	199.384	27667.97	0.0149	P	3.9	-0.3
7	☐	1.000						

y = 6.6828E-005 * x + 0.0015
R = 1.0000
DL = 1.118 ppb
BEC = 23.14 ppb

Weight: <None>
Min Conc: <None>

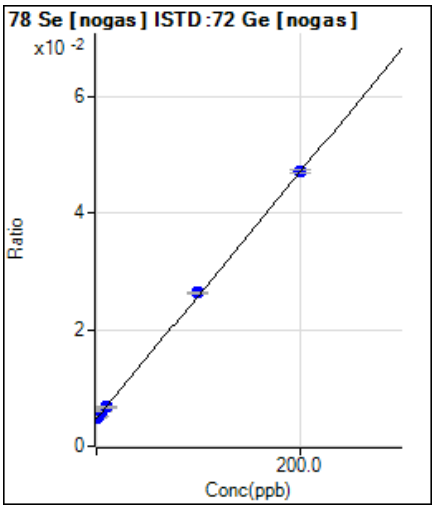
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	40.00	0.0000	P	25.3	
2	☐	2.000	2.379	123.34	0.0001	P	13.2	18.9
3	☐	5.000	5.489	230.01	0.0003	P	15.4	9.8
4	☐	10.000	8.768	343.34	0.0004	P	16.7	-12.
5	☐	100.000	93.288	3240.35	0.0040	P	10.3	-6.7
6	☐	200.000	203.402	6911.43	0.0086	P	6.7	1.7
7	☐	1.000						

y = 4.2056E-005 * x + 4.8481E-005
R = 0.9992
DL = 0.8745 ppb
BEC = 1.153 ppb

Weight: <None>
Min Conc: <None>

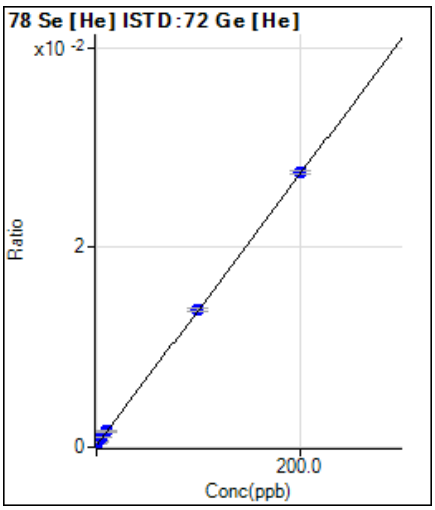


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	9469.30	0.0050	P	3.5	
2	☐	2.000	0.755	9739.44	0.0051	P	3.4	-62.
3	☐	5.000	4.934	11383.75	0.0060	P	3.9	-1.3
4	☐	10.000	8.189	12717.93	0.0067	P	2.7	-18.
5	☐	100.000	101.080	49691.19	0.0264	P	1.7	1.1
6	☐	200.000	199.565	87847.87	0.0472	P	0.9	-0.2
7	☐	1.000						

y = 2.1176E-004 * x + 0.0050
R = 0.9999
DL = 2.445 ppb
BEC = 23.47 ppb

Weight: <None>
Min Conc: <None>

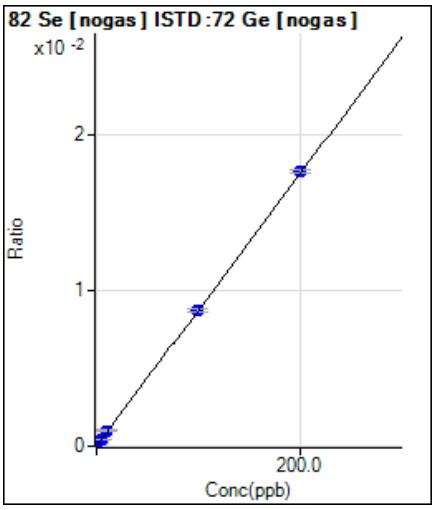
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	258.67	0.0003	P	14.8	
2	☐	2.000	2.042	490.68	0.0006	P	13.4	2.1
3	☐	5.000	4.499	761.35	0.0009	P	0.5	-10.
4	☐	10.000	9.388	1305.38	0.0016	P	3.4	-6.1
5	☐	100.000	99.416	11266.83	0.0138	P	2.3	-0.6
6	☐	200.000	200.335	22092.68	0.0275	P	1.4	0.2
7	☐	1.000						

y = 1.3569E-004 * x + 3.1366E-004
R = 1.0000
DL = 1.03 ppb
BEC = 2.312 ppb

Weight: <None>
Min Conc: <None>

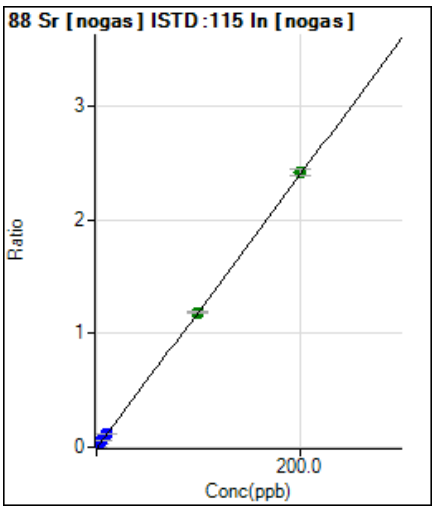


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	180.00	0.0001	P	14.9	
2	☐	2.000	2.133	533.35	0.0003	P	21.2	6.7
3	☐	5.000	3.911	826.70	0.0004	P	4.5	-21.
4	☐	10.000	10.024	1843.45	0.0010	P	12.2	0.2
5	☐	100.000	98.460	16417.64	0.0087	P	2.7	-1.5
6	☐	200.000	200.795	32866.81	0.0177	P	1.2	0.4
7	☐	1.000						

y = 8.7539E-005 * x + 9.4480E-005
R = 0.9999
DL = 0.4823 ppb
BEC = 1.079 ppb

Weight: <None>
Min Conc: <None>

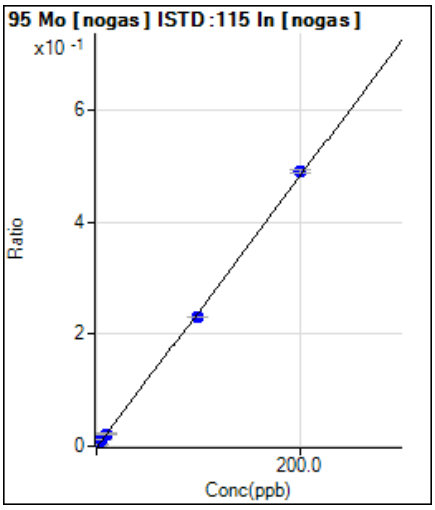
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1926.80	0.0009	P	8.8	
2	☐	2.000	1.934	50206.60	0.0242	P	3.5	-3.3
3	☐	5.000	4.864	120959.28	0.0594	P	1.3	-2.7
4	☐	10.000	9.826	245115.96	0.1190	P	1.0	-1.7
5	☐	100.000	98.245	2379601.11	1.1817	A	0.8	-1.8
6	☐	200.000	200.890	4724265.34	2.4153	A	2.5	0.4
7	☐	1.000						

y = 0.0120 * x + 9.4672E-004
R = 0.9999
DL = 0.02073 ppb
BEC = 0.07877 ppb

Weight: <None>
Min Conc: <None>

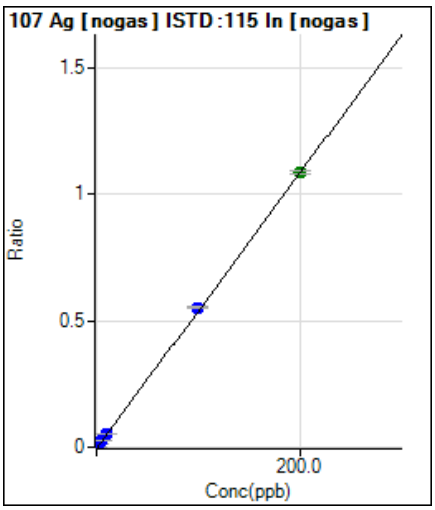


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	103.33	0.0001	P	62.1	
2	☐	2.000	1.766	8982.40	0.0043	P	4.7	-11.
3	☐	5.000	4.438	21980.44	0.0108	P	1.6	-11.
4	☐	10.000	9.038	45173.82	0.0219	P	2.7	-9.6
5	☐	100.000	95.096	463795.77	0.2303	P	1.2	-4.9
6	☐	200.000	202.516	959406.29	0.4904	P	1.7	1.3
7	☐	1.000						

y = 0.0024 * x + 5.0675E-005
R = 0.9996
DL = 0.039 ppb
BEC = 0.02093 ppb

Weight: <None>
Min Conc: <None>

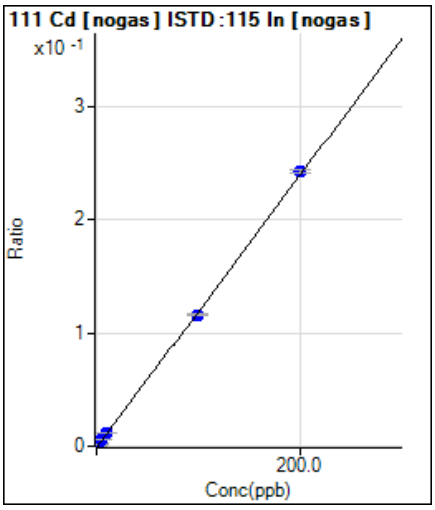
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	73.33	0.0000	P	91.1	
2	☐	2.000	1.891	21453.19	0.0103	P	1.1	-5.4
3	☐	5.000	4.908	54476.83	0.0268	P	0.6	-1.8
4	☐	10.000	9.710	108911.81	0.0529	P	2.0	-2.9
5	☐	100.000	101.371	1111357.01	0.5519	P	0.3	1.4
6	☐	200.000	199.333	2123314.60	1.0851	A	0.7	-0.3
7	☐	1.000						

y = 0.0054 * x + 3.5951E-005
R = 1.0000
DL = 0.01804 ppb
BEC = 0.006604 ppb

Weight: <None>
Min Conc: <None>

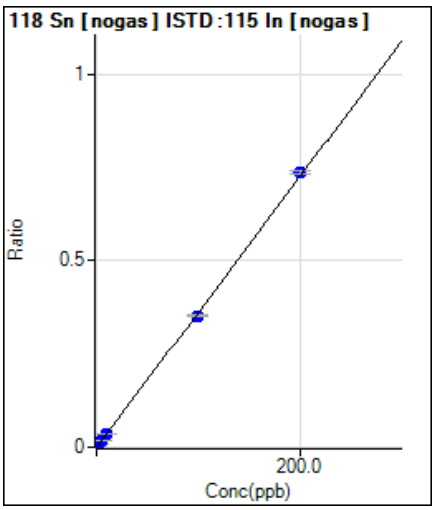


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10.00	0.0000	P	0.9	
2	☐	2.000	1.814	4540.67	0.0022	P	5.5	-9.3
3	☐	5.000	4.666	11437.21	0.0056	P	4.6	-6.7
4	☐	10.000	9.240	22898.45	0.0111	P	2.6	-7.6
5	☐	100.000	96.499	233797.92	0.1161	P	1.4	-3.5
6	☐	200.000	201.799	474965.68	0.2428	P	1.0	0.9
7	☐	1.000						

y = 0.0012 * x + 4.9148E-006
R = 0.9998
DL = 0.0001083 ppb
BEC = 0.004086 ppb

Weight: <None>
Min Conc: <None>

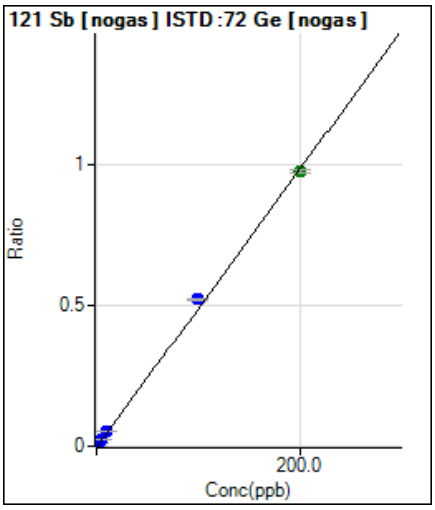
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5150.85	0.0025	P	8.5	
2	☐	2.000	1.710	18169.61	0.0087	P	1.6	-14.
3	☐	5.000	4.617	39337.65	0.0193	P	3.9	-7.7
4	☐	10.000	8.975	72412.07	0.0352	P	1.8	-10.
5	☐	100.000	96.053	708457.36	0.3518	P	0.7	-3.9
6	☐	200.000	202.037	1442179.40	0.7371	P	1.1	1.0
7	☐	1.000						

y = 0.0036 * x + 0.0025
R = 0.9997
DL = 0.1783 ppb
BEC = 0.696 ppb

Weight: <None>
Min Conc: <None>

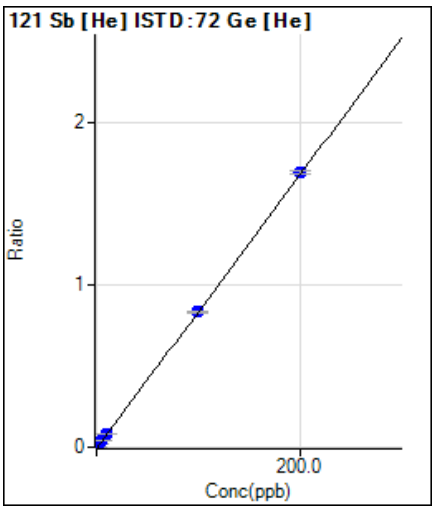


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	513.35	0.0003	P	21.0	
2	☐	2.000	1.958	18913.69	0.0100	P	0.9	-2.1
3	☐	5.000	4.975	47089.97	0.0249	P	2.7	-0.5
4	☐	10.000	10.163	95927.73	0.0506	P	0.6	1.6
5	☐	100.000	105.304	982408.58	0.5213	P	1.4	5.3
6	☐	200.000	197.341	1816663.15	0.9767	A	0.8	-1.3
7	☐	1.000						

y = 0.0049 * x + 2.6962E-004
R = 0.9995
DL = 0.03428 ppb
BEC = 0.05449 ppb

Weight: <None>
Min Conc: <None>

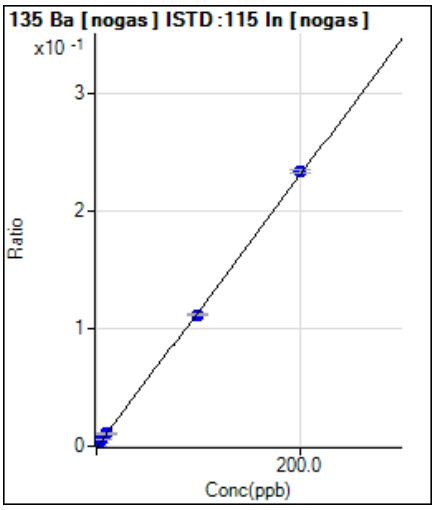
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	340.01	0.0004	P	14.2	
2	☐	2.000	1.838	13221.83	0.0159	P	1.8	-8.1
3	☐	5.000	4.697	32957.99	0.0400	P	0.4	-6.1
4	☐	10.000	9.318	64903.25	0.0790	P	1.4	-6.8
5	☐	100.000	98.595	678652.02	0.8315	P	0.7	-1.4
6	☐	200.000	200.746	1359885.29	1.6925	P	0.8	0.4
7	☐	1.000						

y = 0.0084 * x + 4.1228E-004
R = 1.0000
DL = 0.0208 ppb
BEC = 0.04891 ppb

Weight: <None>
Min Conc: <None>

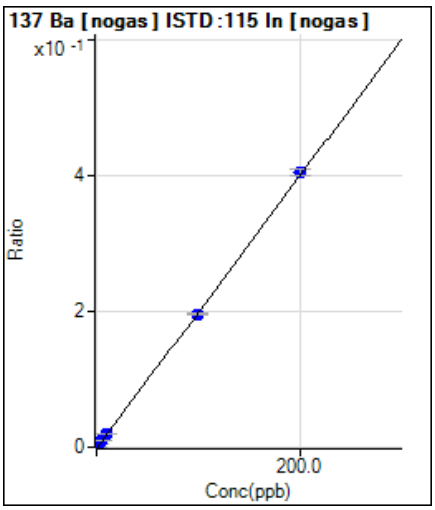


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	190.00	0.0001	P	23.1	
2	☐	2.000	1.821	4564.02	0.0022	P	4.8	-9.0
3	☐	5.000	4.355	10439.96	0.0051	P	3.4	-12.
4	☐	10.000	9.111	21880.79	0.0106	P	3.4	-8.9
5	☐	100.000	96.524	224885.29	0.1117	P	1.1	-3.5
6	☐	200.000	201.800	456571.42	0.2333	P	0.7	0.9
7	☐	1.000						

y = 0.0012 * x + 9.3400E-005
R = 0.9998
DL = 0.05607 ppb
BEC = 0.08081 ppb

Weight: <None>
Min Conc: <None>

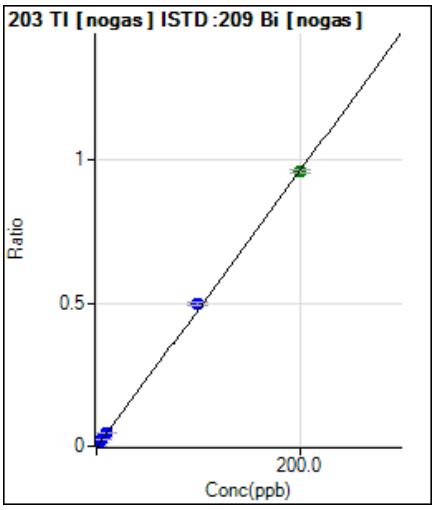
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	293.34	0.0001	P	11.6	
2	☐	2.000	1.854	8031.97	0.0039	P	3.9	-7.3
3	☐	5.000	4.456	18510.16	0.0091	P	1.9	-10.
4	☐	10.000	9.296	38740.23	0.0188	P	2.6	-7.0
5	☐	100.000	97.292	393684.52	0.1955	P	1.2	-2.7
6	☐	200.000	201.404	791360.82	0.4045	P	2.0	0.7
7	☐	1.000						

y = 0.0020 * x + 1.4423E-004
R = 0.9999
DL = 0.02489 ppb
BEC = 0.07183 ppb

Weight: <None>
Min Conc: <None>

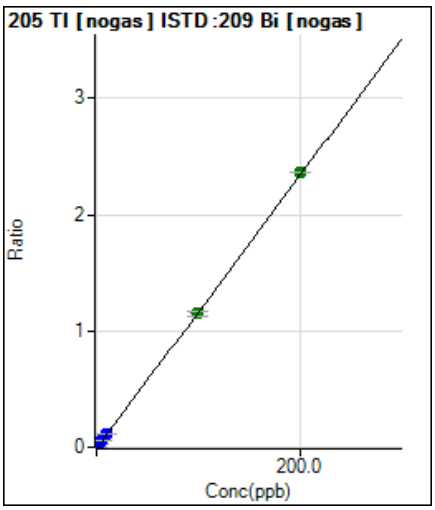


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13.33	0.0000	P	116.	
2	☐	2.000	1.942	16144.91	0.0094	P	2.3	-2.9
3	☐	5.000	4.891	40630.42	0.0237	P	2.1	-2.2
4	☐	10.000	9.660	80800.91	0.0467	P	2.0	-3.4
5	☐	100.000	103.100	846640.15	0.4985	P	2.9	3.1
6	☐	200.000	198.470	1566838.57	0.9596	A	1.5	-0.8
7	☐	1.000						

y = 0.0048 * x + 7.8548E-006
R = 0.9998
DL = 0.005676 ppb
BEC = 0.001625 ppb

Weight: <None>
Min Conc: <None>

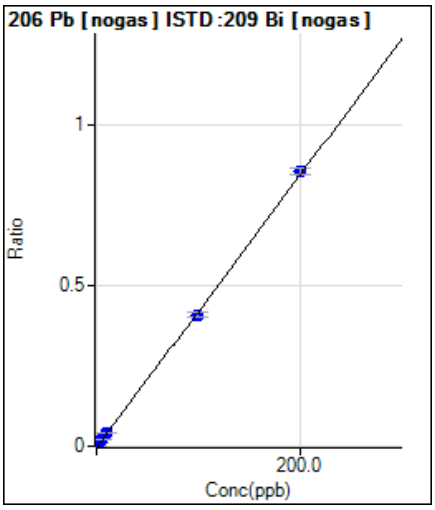
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	80.00	0.0000	P	57.4	
2	☐	2.000	1.949	39417.46	0.0229	P	1.7	-2.6
3	☐	5.000	4.722	95342.05	0.0555	P	2.5	-5.6
4	☐	10.000	9.618	195485.06	0.1130	P	1.9	-3.8
5	☐	100.000	97.631	1947549.03	1.1468	A	4.4	-2.4
6	☐	200.000	201.211	3859128.17	2.3634	A	0.5	0.6
7	☐	1.000						

y = 0.0117 * x + 4.6574E-005
R = 0.9999
DL = 0.00683 ppb
BEC = 0.003965 ppb

Weight: <None>
Min Conc: <None>

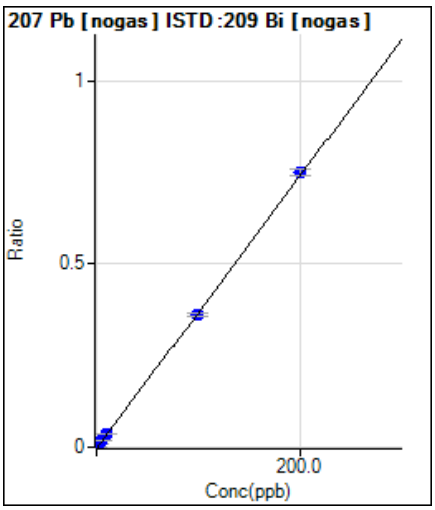


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	173.33	0.0001	P	31.3	
2	☐	2.000	1.919	14116.24	0.0082	P	5.4	-4.0
3	☐	5.000	4.622	33748.29	0.0197	P	3.7	-7.6
4	☐	10.000	9.378	68783.94	0.0398	P	2.8	-6.2
5	☐	100.000	96.519	693500.95	0.4083	P	3.1	-3.5
6	☐	200.000	201.782	1393621.49	0.8535	P	2.1	0.9
7	☐	1.000						

y = 0.0042 * x + 1.0183E-004
R = 0.9998
DL = 0.0226 ppb
BEC = 0.02408 ppb

Weight: <None>
Min Conc: <None>

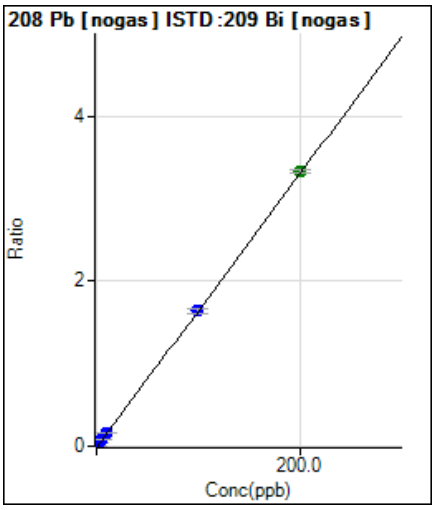
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	133.33	0.0001	P	35.6	
2	☐	2.000	1.848	11944.57	0.0070	P	3.3	-7.6
3	☐	5.000	4.629	29703.77	0.0173	P	4.7	-7.4
4	☐	10.000	9.380	60484.93	0.0350	P	3.5	-6.2
5	☐	100.000	96.896	612395.75	0.3606	P	2.8	-3.1
6	☐	200.000	201.594	1224697.48	0.7501	P	2.5	0.8
7	☐	1.000						

y = 0.0037 * x + 7.7394E-005
R = 0.9998
DL = 0.02224 ppb
BEC = 0.0208 ppb

Weight: <None>
Min Conc: <None>

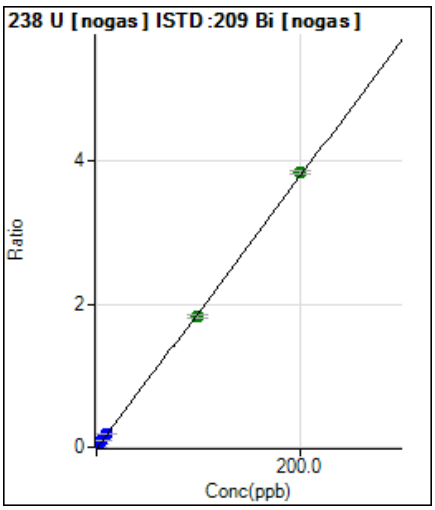


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	586.67	0.0003	P	6.6	
2	☐	2.000	1.910	55136.88	0.0321	P	2.6	-4.5
3	☐	5.000	4.725	135449.97	0.0789	P	3.5	-5.5
4	☐	10.000	9.548	275071.84	0.1590	P	3.1	-4.5
5	☐	100.000	98.641	2785175.90	1.6399	P	3.3	-1.4
6	☐	200.000	200.710	5447794.25	3.3364	A	1.5	0.4
7	☐	1.000						

y = 0.0166 * x + 3.4233E-004
R = 1.0000
DL = 0.004067 ppb
BEC = 0.0206 ppb

Weight: <None>
Min Conc: <None>

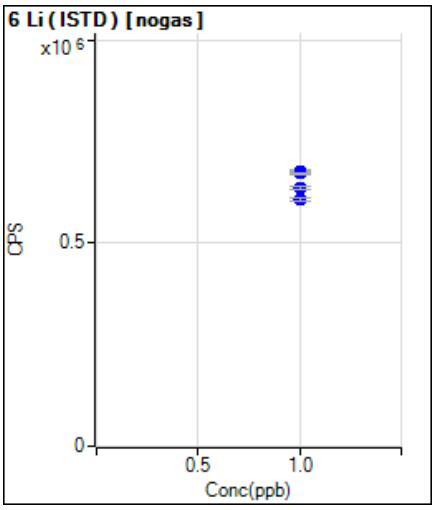
Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	63.33	0.0000	P	32.3	
2	☐	2.000	1.882	61598.62	0.0358	P	3.4	-5.9
3	☐	5.000	4.662	152442.12	0.0887	P	2.2	-6.8
4	☐	10.000	9.496	312580.91	0.1807	P	3.0	-5.0
5	☐	100.000	96.183	3108667.97	1.8302	A	2.7	-3.8
6	☐	200.000	201.943	6274504.49	3.8427	A	1.8	1.0
7	☐	1.000						

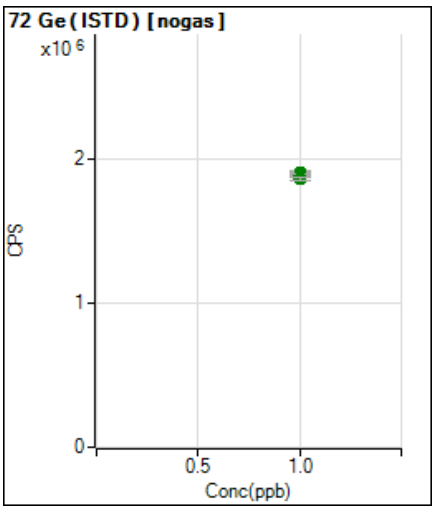
y = 0.0190 * x + 3.6916E-005
R = 0.9998
DL = 0.001879 ppb
BEC = 0.00194 ppb

Weight: <None>
Min Conc: <None>

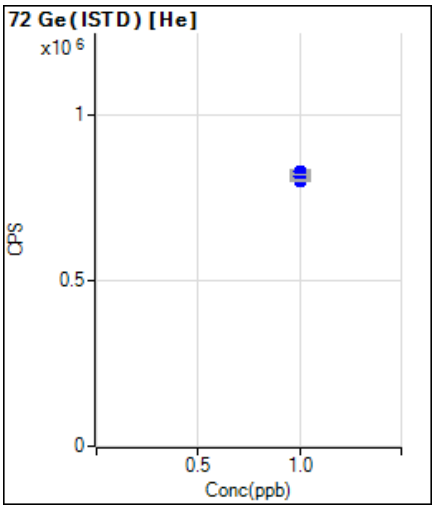


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		676732.31		P	0.7	
2	☐	1.000		672988.60		P	0.7	
3	☐	1.000		675882.94		P	0.6	
4	☐	1.000		671884.39		P	0.6	
5	☐	1.000		635781.59		P	1.0	
6	☐	1.000		608215.20		P	1.4	
7	☐	1.000						

Calibration for 270_ICV.d

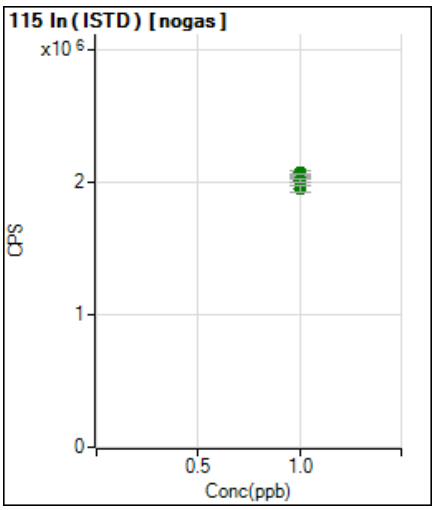


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1905656.07		A	0.7	
2	☐	1.000		1899369.97		A	1.1	
3	☐	1.000		1892473.72		A	1.0	
4	☐	1.000		1897425.18		A	0.7	
5	☐	1.000		1884371.27		A	1.1	
6	☐	1.000		1859940.60		A	1.4	
7	☐	1.000						

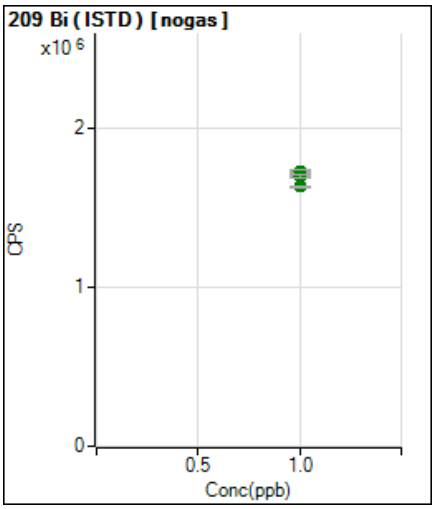


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		825316.11		P	0.9	
2	☐	1.000		831034.10		P	0.8	
3	☐	1.000		823818.04		P	0.4	
4	☐	1.000		822018.19		P	1.4	
5	☐	1.000		816254.52		P	1.1	
6	☐	1.000		803495.02		P	0.5	
7	☐	1.000						

Calibration for 270_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2034779.06		A	0.9	
2	☐	1.000		2076693.82		A	1.8	
3	☐	1.000		2036132.32		A	0.2	
4	☐	1.000		2059350.05		A	1.1	
5	☐	1.000		2013816.72		A	1.5	
6	☐	1.000		1956795.92		A	2.6	
7	☐	1.000						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1711742.06		A	2.7	
2	☐	1.000		1718916.12		A	2.2	
3	☐	1.000		1718116.64		A	1.9	
4	☐	1.000		1729966.17		A	1.2	
5	☐	1.000		1698877.37		A	1.2	
6	☐	1.000		1632906.02		A	0.4	
7	☐	1.000						

Initial Calibration Verification (ICV) Report

Sample Table

Sample Name	ICCV
Data File Name	270_ICV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:33:30-06:00
Sample Type	ICV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	96.665	0.618	306348	0.97	100	96.7	90	110	
B	11	1	nogas	500.228	1.233	906332	1.93	500	100.0	90	110	
Al	27	1	nogas	102.660	1.364	1117025	1.38	100	102.7	90	110	
P	31	1	nogas	494.915	1.281	336139	1.22	500	99.0	90	110	
Ti	47	1	nogas	95.878	2.141	126938	2.23	100	95.9	90	110	
Ni	60	1	nogas	98.794	1.420	366836	1.48	100	98.8	90	110	
Cu	63	1	nogas	101.307	1.410	862299	1.42	100	101.3	90	110	
Zn	66	1	nogas	99.210	1.271	254734	1.34	100	99.2	90	110	
Se	77	1	nogas	101.507	1.866	15927	1.59	100	101.5	90	110	
Se	82	1	nogas	95.190	4.315	16114	4.43	100	95.2	90	110	
Sr	88	1	nogas	98.447	2.448	2364174	0.47	100	98.4	90	110	
Mo	95	1	nogas	96.544	3.630	466776	2.22	100	96.5	90	110	
Ag	107	1	nogas	103.197	2.821	1121671	1.30	100	103.2	90	110	
Cd	111	1	nogas	97.900	1.549	235182	1.07	100	97.9	90	110	
Sn	118	1	nogas	97.772	2.354	714897	1.38	100	97.8	90	110	
Sb	121	1	nogas	104.625	1.763	990372	1.85	100	104.6	90	110	
Ba	137	1	nogas	99.818	2.932	400443	1.87	100	99.8	90	110	
Tl	205	1	nogas	98.433	3.325	1943398	1.15	100	98.4	90	110	
Pb	208	1	nogas	99.548	3.696	2781649	1.76	100	99.5	90	110	
U	238	1	nogas	95.798	2.999	3064309	1.32	100	95.8	90	110	
Li	7	1	nogas	101.283	0.767	1005669	0.57	100	101.3	90	110	
Si	28	1	nogas	5020.025	1.295	3255482	1.23	5000	100.4	90	110	
Ba	135	1	nogas	98.766	2.772	228144	2.51	100	98.8	90	110	
Tl	203	1	nogas	104.309	3.881	847645	1.99	100	104.3	90	110	
Na	23	2	He	9839.305	0.452	11379436	0.40	10000	98.4	90	110	
Mg	24	2	He	9927.402	0.639	7277028	0.32	10000	99.3	90	110	
Al	27	2	He	99.091	1.611	59289	1.57	100	99.1	90	110	
K	39	2	He	9967.322	0.602	10737869	0.32	10000	99.7	90	110	
Ca	43	2	He	10046.374	2.114	33924	1.53	10000	100.5	90	110	
Ca	44	2	He	9882.835	0.602	556635	0.33	10000	98.8	90	110	
V	51	2	He	97.020	0.581	664078	0.48	100	97.0	90	110	
Cr	52	2	He	99.202	0.207	706212	0.64	100	99.2	90	110	
Mn	55	2	He	97.861	0.473	585551	1.13	100	97.9	90	110	
Fe	56	2	He	9796.017	0.852	60084747	0.97	10000	98.0	90	110	
Co	59	2	He	103.134	0.211	960149	0.69	100	103.1	90	110	
Ni	60	2	He	98.761	0.479	241377	0.39	100	98.8	90	110	
Cu	63	2	He	97.940	0.778	607689	0.69	100	97.9	90	110	
Zn	66	2	He	98.384	0.639	136533	0.31	100	98.4	90	110	
As	75	2	He	97.342	0.856	107387	0.37	100	97.3	90	110	
Sb	121	2	He	97.706	0.245	685894	0.77	100	97.7	90	110	
Se	78	2	He	98.267	1.800	11361	2.13	100	98.3	90	110	
Ti	47	2	He	96.296	2.479	28455	1.85	100	96.3	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1912041	0.16	1905656	100.34	70	120	
In	115	1	nogas	1997229	2.00	2034779	98.15	70	120	
Li	6	1	nogas	642121	1.21	676732	94.89	70	120	
Bi	209	1	nogas	1681688	2.26	1711742	98.24	70	120	
Ge	72	2	He	832436	0.85	825316	100.86	70	120	

Calibration Blank Report

Sample Table

Sample Name	CAL BLK
Data File Name	008CALB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:34:33-06:00
Sample Type	CalBlk
Level	1
Dilution	1
Comment	

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	13	162.38
B	11	1	nogas	3692	0.09
Al	27	1	nogas	54014	0.01
P	31	1	nogas	18031	0.04
Ti	47	1	nogas	140	15.31
Ni	60	1	nogas	640	1.91
Cu	63	1	nogas	1430	0.27
Zn	66	1	nogas	1390	0.86
Se	77	1	nogas	5131	0.12
Se	82	1	nogas	203	9.16
Sr	88	1	nogas	2520	0.13
Mo	95	1	nogas	250	2.77
Ag	107	1	nogas	67	90.93
Cd	111	1	nogas	13	649.52
Sn	118	1	nogas	4157	0.86
Sb	121	1	nogas	1170	0.55
Ba	137	1	nogas	407	3.04
Tl	205	1	nogas	197	2.99
Pb	208	1	nogas	1123	0.85
Li	7	1	nogas	84168	0.00
Si	28	1	nogas	391600	0.00
Na	23	2	He	33857	0.01
Mg	24	2	He	1703	0.26
Al	27	2	He	4914	0.18
K	39	2	He	116639	0.00
Ca	43	2	He	160	11.72
Ca	44	2	He	2830	0.21
V	51	2	He	7198	0.05
Cr	52	2	He	4467	0.05
Mn	55	2	He	2827	0.31
Fe	56	2	He	35297	0.01
Co	59	2	He	240	3.47
Ni	60	2	He	450	3.95
Cu	63	2	He	960	1.99
Zn	66	2	He	953	0.61
As	75	2	He	389	2.58
Sb	121	2	He	1033	0.64
Se	78	2	He	499	0.41

Calibration Blank Report

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Ge	72	1	nogas	2988431	1.59

Calibration Blank Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
In	115	1	nogas	3430137	0.79
Li	6	1	nogas	1187992	1.84
Bi	209	1	nogas	3030667	2.53
Ge	72	2	He	1591743	2.43

Calibration Standard Report

Sample Table

Sample Name	2/10/200
Data File Name	009CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:36:34-06:00
Sample Type	CalStd
Level	2
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	9609	0.03
B	11	1	nogas	35703	0.01
Al	27	1	nogas	83797	0.00
P	31	1	nogas	26409	0.00
Ti	47	1	nogas	4021	0.15
Ni	60	1	nogas	11931	0.03
Cu	63	1	nogas	27644	0.01
Zn	66	1	nogas	8069	0.05
Se	77	1	nogas	5398	0.04
Se	82	1	nogas	597	1.78
Sr	88	1	nogas	75160	0.00
Mo	95	1	nogas	14439	0.03
Ag	107	1	nogas	34480	0.00
Cd	111	1	nogas	7072	0.09
Sn	118	1	nogas	23853	0.01
Sb	121	1	nogas	28386	0.01
Ba	137	1	nogas	11804	0.01
Tl	205	1	nogas	64373	0.00
Pb	208	1	nogas	90753	0.00
Si	28	1	nogas	472645	0.00
Na	23	2	He	551081	0.00
Mg	24	2	He	340593	0.00
Al	27	2	He	6875	0.10
K	39	2	He	619121	0.00
Ca	43	2	He	1567	0.59
Ca	44	2	He	26446	0.00
V	51	2	He	30528	0.00
Cr	52	2	He	30295	0.01
Mn	55	2	He	26856	0.00
Fe	56	2	He	2371494	0.00
Co	59	2	He	33324	0.00
Ni	60	2	He	8195	0.04
Cu	63	2	He	21726	0.01
Zn	66	2	He	5071	0.17
As	75	2	He	3748	0.15
Sb	121	2	He	22501	0.01
Se	78	2	He	911	0.18

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3011293	1.52	2988431	100.77	70	120	
In	115	1	nogas	3492989	1.01	3430137	101.83	70	120	
Li	6	1	nogas	1187475	0.56	1187992	99.96	70	120	
Bi	209	1	nogas	3059933	2.68	3030667	100.97	70	120	
Ge	72	2	He	1571907	1.61	1591743	98.75	70	120	

Calibration Standard Report

Sample Table

Sample Name	5/25/500
Data File Name	010CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:38:34-06:00
Sample Type	CalStd
Level	3
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	23781	0.01
B	11	1	nogas	82837	0.00
Al	27	1	nogas	134630	0.00
P	31	1	nogas	40226	0.00
Ti	47	1	nogas	9389	0.01
Ni	60	1	nogas	27791	0.01
Cu	63	1	nogas	65483	0.00
Zn	66	1	nogas	18203	0.01
Se	77	1	nogas	5938	0.15
Se	82	1	nogas	1373	0.06
Sr	88	1	nogas	183304	0.00
Mo	95	1	nogas	33976	0.01
Ag	107	1	nogas	85029	0.00
Cd	111	1	nogas	17412	0.03
Sn	118	1	nogas	55946	0.00
Sb	121	1	nogas	69390	0.00
Ba	137	1	nogas	28657	0.00
Tl	205	1	nogas	158582	0.00
Pb	208	1	nogas	221087	0.00
Si	28	1	nogas	599566	0.00
Na	23	2	He	1297723	0.00
Mg	24	2	He	834107	0.00
Al	27	2	He	10710	0.02
K	39	2	He	1343693	0.00
Ca	43	2	He	3540	0.20
Ca	44	2	He	61765	0.00
V	51	2	He	65307	0.00
Cr	52	2	He	66010	0.00
Mn	55	2	He	58007	0.00
Fe	56	2	He	5620126	0.00
Co	59	2	He	81449	0.00
Ni	60	2	He	19814	0.02
Cu	63	2	He	49283	0.00
Zn	66	2	He	11434	0.05
As	75	2	He	8562	0.03
Sb	121	2	He	53980	0.00
Se	78	2	He	1623	0.04

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3011432	0.80	2988431	100.77	70	120	
In	115	1	nogas	3403103	2.18	3430137	99.21	70	120	
Li	6	1	nogas	1154237	1.43	1187992	97.16	70	120	
Bi	209	1	nogas	3012957	1.49	3030667	99.42	70	120	
Ge	72	2	He	1581999	2.09	1591743	99.39	70	120	

Calibration Standard Report

Sample Table

Sample Name	10/50/1000
Data File Name	011CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:40:34-06:00
Sample Type	CalStd
Level	4
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	46075	0.00
B	11	1	nogas	163429	0.00
Al	27	1	nogas	225132	0.00
P	31	1	nogas	65417	0.00
Ti	47	1	nogas	18643	0.01
Ni	60	1	nogas	55413	0.00
Cu	63	1	nogas	128961	0.00
Zn	66	1	nogas	34893	0.00
Se	77	1	nogas	6881	0.10
Se	82	1	nogas	2657	0.28
Sr	88	1	nogas	364507	0.00
Mo	95	1	nogas	68109	0.00
Ag	107	1	nogas	169810	0.00
Cd	111	1	nogas	35152	0.01
Sn	118	1	nogas	109613	0.00
Sb	121	1	nogas	135589	0.00
Ba	137	1	nogas	57258	0.01
Tl	205	1	nogas	319755	0.00
Pb	208	1	nogas	443680	0.00
Si	28	1	nogas	816317	0.00
Na	23	2	He	2468311	0.00
Mg	24	2	He	1605750	0.00
Al	27	2	He	18222	0.02
K	39	2	He	2509286	0.00
Ca	43	2	He	7198	0.03
Ca	44	2	He	121343	0.00
V	51	2	He	122966	0.00
Cr	52	2	He	128178	0.00
Mn	55	2	He	116929	0.00
Fe	56	2	He	11145480	0.00
Co	59	2	He	163385	0.00
Ni	60	2	He	40398	0.00
Cu	63	2	He	97329	0.00
Zn	66	2	He	21526	0.02
As	75	2	He	16843	0.01
Sb	121	2	He	108744	0.00
Se	78	2	He	2656	0.13

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3028013	1.55	2988431	101.32	70	120	
In	115	1	nogas	3467870	0.91	3430137	101.10	70	120	
Li	6	1	nogas	1165189	2.66	1187992	98.08	70	120	
Bi	209	1	nogas	3074523	1.84	3030667	101.45	70	120	
Ge	72	2	He	1571573	0.96	1591743	98.73	70	120	

Calibration Standard Report

Sample Table

Sample Name	100/500/10K
Data File Name	012CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:42:35-06:00
Sample Type	CalStd
Level	5
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	470999	0.00
B	11	1	nogas	1488533	0.00
Al	27	1	nogas	1605209	0.00
P	31	1	nogas	474595	0.00
Ti	47	1	nogas	190575	0.00
Ni	60	1	nogas	536898	0.00
Cu	63	1	nogas	1243403	0.00
Zn	66	1	nogas	341655	0.00
Se	77	1	nogas	22224	0.00
Se	82	1	nogas	24210	0.01
Sr	88	1	nogas	3464618	0.00
Mo	95	1	nogas	686705	0.00
Ag	107	1	nogas	1628674	0.00
Cd	111	1	nogas	348693	0.00
Sn	118	1	nogas	1059662	0.00
Sb	121	1	nogas	1355101	0.00
Ba	137	1	nogas	566764	0.00
Tl	205	1	nogas	3072694	0.00
Pb	208	1	nogas	4301892	0.00
Si	28	1	nogas	4408999	0.00
Na	23	2	He	23839631	0.00
Mg	24	2	He	15286501	0.00
Al	27	2	He	137822	0.00
K	39	2	He	23068120	0.00
Ca	43	2	He	72249	0.00
Ca	44	2	He	1179123	0.00
V	51	2	He	1180404	0.00
Cr	52	2	He	1225626	0.00
Mn	55	2	He	1134118	0.00
Fe	56	2	He	108916842	0.00
Co	59	2	He	1521329	0.00
Ni	60	2	He	386835	0.00
Cu	63	2	He	959132	0.00
Zn	66	2	He	215923	0.00
As	75	2	He	164485	0.00
Sb	121	2	He	1076845	0.00
Se	78	2	He	21967	0.00

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2962674	1.50	2988431	99.14	70	120	
In	115	1	nogas	3382108	0.80	3430137	98.60	70	120	
Li	6	1	nogas	1119478	1.01	1187992	94.23	70	120	
Bi	209	1	nogas	2947483	2.12	3030667	97.26	70	120	
Ge	72	2	He	1537651	1.48	1591743	96.60	70	120	

Calibration Standard Report

Sample Table

Sample Name	200/1000/20K
Data File Name	013CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:44:30-06:00
Sample Type	CalStd
Level	6
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	968285	0.00
B	11	1	nogas	3084533	0.00
Al	27	1	nogas	3220630	0.00
P	31	1	nogas	954846	0.00
Ti	47	1	nogas	396058	0.00
Ni	60	1	nogas	1088435	0.00
Cu	63	1	nogas	2441077	0.00
Zn	66	1	nogas	693458	0.00
Se	77	1	nogas	41190	0.00
Se	82	1	nogas	47061	0.00
Sr	88	1	nogas	7092392	0.00
Mo	95	1	nogas	1373355	0.00
Ag	107	1	nogas	3281543	0.00
Cd	111	1	nogas	712262	0.00
Sn	118	1	nogas	2068599	0.00
Sb	121	1	nogas	2592887	0.00
Ba	137	1	nogas	1167815	0.00
Tl	205	1	nogas	6247133	0.00
Pb	208	1	nogas	8491788	0.00
Si	28	1	nogas	8673146	0.00
Na	23	2	He	48301781	0.00
Mg	24	2	He	31442707	0.00
Al	27	2	He	279108	0.00
K	39	2	He	47974863	0.00
Ca	43	2	He	147088	0.00
Ca	44	2	He	2366902	0.00
V	51	2	He	2280287	0.00
Cr	52	2	He	2401082	0.00
Mn	55	2	He	2216450	0.00
Fe	56	2	He	225082943	0.00
Co	59	2	He	3055609	0.00
Ni	60	2	He	783765	0.00
Cu	63	2	He	1892655	0.00
Zn	66	2	He	433903	0.00
As	75	2	He	335648	0.00
Sb	121	2	He	2052214	0.00
Se	78	2	He	43760	0.00

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2963760	0.39	2988431	99.17	70	120	
In	115	1	nogas	3304749	1.25	3430137	96.34	70	120	
Li	6	1	nogas	1049027	4.33	1187992	88.30	70	120	
Bi	209	1	nogas	2858493	0.31	3030667	94.32	70	120	
Ge	72	2	He	1527101	2.78	1591743	95.94	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV2
Data File Name	016LCV2.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:50:18-06:00
Sample Type	LLCCV2
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	1.834	5.835	9803	3.80	2	91.7	70	120	
B	11	1	nogas	23.456	5.030	83286	7.06	10	234.6	70	120	NewName Main CR1 Failed
Al	27	1	nogas	1.966	4.709	88422	0.83	2	98.3	70	120	
P	31	1	nogas	10.041	11.708	28488	5.11	10	100.4	70	120	
Ti	47	1	nogas	1.935	8.279	4117	7.39	2	96.7	70	120	
Ni	60	1	nogas	2.013	1.696	12077	1.08	2	100.6	70	120	
Cu	63	1	nogas	2.174	1.893	29317	1.62	2	108.7	70	120	
Zn	66	1	nogas	2.074	4.982	8919	3.88	2	103.7	70	120	
Se	77	1	nogas	-9.133	-10.838	3617	5.49	2	-456.7	70	120	NewName Main CR1 Failed
Se	82	1	nogas	2.721	17.386	880	12.81	2	136.0	70	120	NewName Main CR1 Failed
Sr	88	1	nogas	2.085	1.553	79424	1.42	2	104.2	70	120	
Mo	95	1	nogas	2.573	6.316	18710	5.95	2	128.6	70	120	NewName Main CR1 Failed
Ag	107	1	nogas	2.075	2.114	35579	1.68	2	103.7	70	120	
Cd	111	1	nogas	1.970	3.861	7312	3.93	2	98.5	70	120	
Sn	118	1	nogas	2.276	3.107	28867	2.79	2	113.8	70	120	
Sb	121	1	nogas	2.190	4.405	31151	3.16	2	109.5	70	120	
Ba	137	1	nogas	1.967	4.213	12335	4.19	2	98.3	70	120	
Tl	205	1	nogas	2.227	5.049	74204	5.54	2	111.4	70	120	
Pb	208	1	nogas	2.041	4.317	93794	1.73	2	102.1	70	120	
Pb	206	1	nogas	2.049	2.279	23317	0.38	2	102.5	70	120	
Pb	207	1	nogas	1.987	7.085	19982	4.46	2	99.3	70	120	
U	238	1	nogas	1.974	2.335	110133	1.17	2	98.7	70	120	
Li	7	1	nogas	2.120	9.859	118118	0.78	2	106.0	70	120	
Ba	135	1	nogas	1.993	3.603	7115	3.79	2	99.7	70	120	
Tl	203	1	nogas	2.260	2.515	31127	3.05	2	113.0	70	120	
Na	23	2	He	210.418	1.103	562999	0.29	200	105.2	70	120	
Mg	24	2	He	212.154	0.613	348216	0.62	200	106.1	70	120	
Al	27	2	He	1.566	8.804	7168	1.80	2	78.3	70	120	
K	39	2	He	208.554	1.236	634089	0.24	200	104.3	70	120	
Ca	43	2	He	199.252	3.095	1683	1.82	200	99.6	70	120	
Ca	44	2	He	195.009	2.361	26900	1.81	200	97.5	70	120	
V	51	2	He	1.781	1.871	28506	0.66	2	89.1	70	120	
Cr	52	2	He	2.026	3.495	29931	1.91	2	101.3	70	120	
Mn	55	2	He	2.130	0.866	27584	1.83	2	106.5	70	120	
Fe	56	2	He	204.052	0.551	2418683	0.86	200	102.0	70	120	
Co	59	2	He	2.157	0.939	34639	0.98	2	107.9	70	120	
Ni	60	2	He	2.046	0.513	8802	1.31	2	102.3	70	120	
Cu	63	2	He	2.091	4.617	21670	3.62	2	104.5	70	120	
Zn	66	2	He	1.938	6.258	5331	4.09	2	96.9	70	120	
As	75	2	He	2.026	3.246	3924	3.53	2	101.3	70	120	
Se	77	2	He	2.486	58.881	330	31.93	2	124.3	70	120	NewName Main CR1 Failed
Sb	121	2	He	2.170	3.981	24504	2.90	2	108.5	70	120	
Se	78	2	He	2.639	8.377	1096	3.55	2	132.0	70	120	NewName Main CR1 Failed
Ti	47	2	He	1.945	15.672	1183	15.41	2	97.2	70	120	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3098938	1.12	2988431	103.70	70	120	
In	115	1	nogas	3469020	0.44	3430137	101.13	70	120	
Li	6	1	nogas	1177253	2.25	1187992	99.10	70	120	
Bi	209	1	nogas	3069008	2.54	3030667	101.27	70	120	
Ge	72	2	He	1596765	1.08	1591743	100.32	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV5
Data File Name	017LCV5.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:52:18-06:00
Sample Type	LLCCV5
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	4.514	2.216	24125	2.68	5	90.3	70	130	
B	11	1	nogas	30.020	0.693	105509	1.13	25	120.1	70	130	
Al	27	1	nogas	4.987	2.427	136656	0.47	5	99.7	70	130	
P	31	1	nogas	24.339	5.526	41917	2.15	25	97.4	70	130	
Ti	47	1	nogas	4.602	1.545	9486	2.07	5	92.0	70	130	
Ni	60	1	nogas	4.895	0.758	28095	0.25	5	97.9	70	130	
Cu	63	1	nogas	5.209	0.749	67376	1.59	5	104.2	70	130	
Zn	66	1	nogas	4.784	3.069	18476	3.79	5	95.7	70	130	
Se	77	1	nogas	-4.336	-10.823	4461	2.72	5	-86.7	70	130	NewName Main CR1 Failed
Se	82	1	nogas	5.144	5.104	1460	4.79	5	102.9	70	130	
Sr	88	1	nogas	4.953	0.460	186373	1.67	5	99.1	70	130	
Mo	95	1	nogas	4.921	2.707	35779	1.50	5	98.4	70	130	
Ag	107	1	nogas	5.036	2.086	86814	1.10	5	100.7	70	130	
Cd	111	1	nogas	4.779	1.519	17833	0.90	5	95.6	70	130	
Sn	118	1	nogas	4.924	2.410	57932	3.36	5	98.5	70	130	
Sb	121	1	nogas	5.128	1.202	70501	2.10	5	102.6	70	130	
Ba	137	1	nogas	4.585	1.102	28383	0.16	5	91.7	70	130	
Tl	205	1	nogas	4.833	0.377	161135	1.01	5	96.7	70	130	
Pb	208	1	nogas	4.904	1.512	224361	0.36	5	98.1	70	130	
U	238	1	nogas	4.691	1.536	262234	0.48	5	93.8	70	130	
Li	7	1	nogas	4.917	0.961	164026	0.21	5	98.3	70	130	
Si	28	1	nogas	249.110	1.241	613449	0.60	25	996.4	70	130	NewName Main CR1 Failed
Na	23	2	He	483.197	2.456	1262550	0.92	500	96.6	70	130	
Mg	24	2	He	510.269	2.828	844253	1.35	500	102.1	70	130	
Al	27	2	He	4.377	2.110	11297	1.03	5	87.5	70	130	
K	39	2	He	484.844	2.153	1333719	1.59	500	97.0	70	130	
Ca	43	2	He	441.773	2.093	3577	1.41	500	88.4	70	130	
Ca	44	2	He	475.357	3.023	62160	1.48	500	95.1	70	130	
V	51	2	He	4.684	2.480	63897	0.57	5	93.7	70	130	
Cr	52	2	He	4.848	2.370	66131	0.73	5	97.0	70	130	
Mn	55	2	He	4.852	1.899	59857	0.20	5	97.0	70	130	
Fe	56	2	He	480.126	1.469	5705579	0.56	500	96.0	70	130	
Co	59	2	He	5.088	4.345	82246	2.61	5	101.8	70	130	
Ni	60	2	He	4.819	3.264	20341	3.64	5	96.4	70	130	
Cu	63	2	He	5.024	0.621	51302	1.96	5	100.5	70	130	
Zn	66	2	He	4.657	1.905	11604	3.02	5	93.1	70	130	
As	75	2	He	4.690	1.521	8663	0.35	5	93.8	70	130	
Sb	121	2	He	4.935	1.703	55029	1.32	5	98.7	70	130	
Se	78	2	He	4.917	7.639	1629	5.94	5	98.3	70	130	
Ti	47	2	He	4.664	2.332	2857	3.90	5	93.3	70	130	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3062872	0.97	2988431	102.49	70	120	
In	115	1	nogas	3491029	1.22	3430137	101.78	70	120	
Li	6	1	nogas	1177425	0.56	1187992	99.11	70	120	
Bi	209	1	nogas	3076008	1.31	3030667	101.50	70	120	
Ge	72	2	He	1614645	1.68	1591743	101.44	70	120	

Initial Calibration Blank (ICB) Report

Sample Table

Sample Name	ICB
Data File Name	018_ICB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:54:19-06:00
Sample Type	ICB
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.008	8.5	55	9.1	1	
B	11	1	nogas	5.470	9.0	22522	4.3	10	
Al	27	1	nogas	0.140	53.9	57534	2.0	5	
P	31	1	nogas	0.191	177.6	18629	3.4	10	
Ti	47	1	nogas	-0.028	-34.3	87	24.0	2.5	
Ni	60	1	nogas	-0.037	-43.8	450	21.4	2.5	
Cu	63	1	nogas	-0.010	-38.1	1337	2.6	1	
Zn	66	1	nogas	-0.123	-19.5	983	9.2	2.5	
Se	77	1	nogas	-10.096	-15.3	3394	9.8	2.5	
Se	82	1	nogas	0.217	76.0	260	13.9	1	
Sr	88	1	nogas	-0.002	-58.6	2474	2.1	2.5	
Mo	95	1	nogas	0.113	29.6	1060	21.3	2.5	
Ag	107	1	nogas	0.016	25.1	337	20.9	2.5	
Cd	111	1	nogas	0.000	-39716.8	13	114.6	1	
Sn	118	1	nogas	-0.075	-5.7	3390	2.5	5	
Sb	121	1	nogas	0.040	19.3	1730	4.7	2.5	
Ba	137	1	nogas	0.006	181.0	447	14.6	2.5	
Tl	205	1	nogas	0.036	34.1	1387	30.3	1	
Pb	208	1	nogas	-0.003	-59.6	973	10.0	2.5	
U	238	1	nogas	0.004	43.9	343	27.1	2.5	
Si	28	1	nogas	-1.636	-360.5	399273	0.6	5	
Na	23	2	He	-0.777	-47.7	31777	1.5	100	
Mg	24	2	He	0.001	9359.4	1697	9.4	100	
Al	27	2	He	-0.271	-72.5	4517	5.5	5	
K	39	2	He	0.229	315.7	116730	1.3	100	
Ca	43	2	He	-6.471	-20.6	110	9.1	100	
Ca	44	2	He	-0.097	-685.6	2810	5.0	100	
V	51	2	He	-0.224	-3.9	4515	4.3	2.5	
Cr	52	2	He	-0.041	-30.2	3930	3.4	2.5	
Mn	55	2	He	-0.079	-10.0	1907	5.4	2.5	
Fe	56	2	He	0.527	31.1	41253	2.7	100	
Co	59	2	He	0.004	106.6	303	21.9	2.5	
Ni	60	2	He	-0.042	-19.0	280	9.5	2.5	
Cu	63	2	He	-0.022	-26.7	740	6.2	1	
Zn	66	2	He	-0.159	-1.9	593	2.6	2.5	
As	75	2	He	-0.022	-75.6	350	8.1	2.5	
Sb	121	2	He	0.025	24.4	1297	3.1	2.5	
Se	78	2	He	0.114	151.0	522	6.0	1	
Ti	47	2	He	0.000	5627.6	10	100.0	2.5	

Initial Calibration Blank (ICB) Report

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	3057519	1.77	2988431	102.31	70	120	
In	115	1	nogas	3461401	1.24	3430137	100.91	70	120	
Li	6	1	nogas	1195400	3.28	1187992	100.62	70	120	
Bi	209	1	nogas	3022052	1.00	3030667	99.72	70	120	
Ge	72	2	He	1584742	2.13	1591743	99.56	70	120	

Interference Check Solution A (ICS-A) Report

Sample Table

Sample Name	ICSA
Data File Name	020ICSA.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T10:58:20-06:00
Sample Type	ICSA
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.004	56.7	35	37.8	0	ICSA Main CR1 Failed
B	11	1	nogas	4.925	3.4	19098	4.2	0	ICSA Main CR1 Failed
Al	27	1	nogas	96638.077	2.8	1491299658	0.4	0	
P	31	1	nogas	90691.927	2.1	82732674	0.3	0	
Ti	47	1	nogas	1924.443	2.4	3697974	0.3	0	
Ni	60	1	nogas	0.876	4.8	5274	6.7	0	ICSA Main CR1 Failed
Cu	63	1	nogas	1.059	1.1	14069	1.5	0	ICSA Main CR1 Failed
Zn	66	1	nogas	1.668	7.8	6975	5.9	0	ICSA Main CR1 Failed
Se	77	1	nogas	10.278	20.4	6781	7.0	0	
Se	82	1	nogas	0.417	68.1	293	22.7	0	ICSA Main CR1 Failed
Sr	88	1	nogas	0.996	3.2	35946	4.5	0	ICSA Main CR1 Failed
Mo	95	1	nogas	1943.705	1.4	12756169	1.0	0	
Ag	107	1	nogas	0.016	27.8	313	23.1	0	ICSA Main CR1 Failed
Cd	111	1	nogas	1.892	1.7	6425	1.0	0	ICSA Main CR1 Failed
Sn	118	1	nogas	-0.011	-137.4	3747	3.1	0	ICSA Main CR1 Failed
Sb	121	1	nogas	0.047	30.7	1737	9.7	0	ICSA Main CR1 Failed
Ba	137	1	nogas	0.048	15.4	643	7.3	0	ICSA Main CR1 Failed
Tl	205	1	nogas	0.009	33.8	423	19.7	0	ICSA Main CR1 Failed
Pb	208	1	nogas	0.033	18.5	2273	10.6	0	ICSA Main CR1 Failed
Si	28	1	nogas	219.997	5.5	557301	1.0	0	
Na	23	2	He	101756.714	1.6	237035236	0.5	0	
Mg	24	2	He	101198.501	0.6	153139208	1.4	0	
Al	27	2	He	89532.478	1.6	118135942	0.8	0	
K	39	2	He	100793.396	2.4	231596403	1.8	0	
Ca	43	2	He	95600.358	1.9	677252	1.0	0	
Ca	44	2	He	96584.571	1.9	11041026	0.9	0	
V	51	2	He	-0.116	-18.0	5403	3.4	0	ICSA Main CR1 Failed
Cr	52	2	He	0.934	0.4	15030	1.5	0	ICSA Main CR1 Failed
Mn	55	2	He	0.129	9.2	4017	2.2	0	ICSA Main CR1 Failed
Fe	56	2	He	99341.933	2.4	1074787024	0.8	0	
Co	59	2	He	0.224	9.2	3530	9.4	0	ICSA Main CR1 Failed
Ni	60	2	He	0.274	18.0	1453	11.7	0	ICSA Main CR1 Failed
Cu	63	2	He	0.227	7.8	2977	5.8	0	ICSA Main CR1 Failed
Zn	66	2	He	0.635	13.8	2214	7.5	0	ICSA Main CR1 Failed
As	75	2	He	0.199	13.0	683	6.1	0	ICSA Main CR1 Failed
Sb	121	2	He	0.029	44.7	1253	11.3	0	ICSA Main CR1 Failed
Se	78	2	He	0.249	45.1	516	4.9	0	ICSA Main CR1 Failed
Ti	47	2	He	1927.208	1.6	1077393	0.8	0	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2900360	2.42	2988431	97.05	70	120	
In	115	1	nogas	3173346	1.40	3430137	92.51	70	120	
Li	6	1	nogas	1103945	3.33	1187992	92.93	70	120	
Bi	209	1	nogas	2639409	0.53	3030667	87.09	70	120	
Ge	72	2	He	1479416	1.66	1591743	92.94	70	120	

Interference Check Solution AB (ICS-AB) Report

Sample Table

Sample Name	ICSAB
Data File Name	021ICSB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T11:00:19-06:00
Sample Type	ICSB
Dilution	1
Comment	
ISTD Ref File Name	008CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	100.148	1.269	477701	0.99	100	100.1	80	120	
B	11	1	nogas	495.797	0.556	1505359	0.14	100	495.8	80	120	
Al	27	1	nogas	96907.446	1.156	1491691604	0.27	100	96907.4	80	120	ICSB Main CR1 Failed
Ti	47	1	nogas	2013.034	1.019	3858825	2.10	100	2013.0	80	120	
Ni	60	1	nogas	100.187	1.506	530838	0.94	100	100.2	80	120	
Cu	63	1	nogas	101.971	1.937	1219593	1.30	100	102.0	80	120	
Zn	66	1	nogas	103.657	1.363	350155	1.23	100	103.7	80	120	
Se	77	1	nogas	124.451	2.486	26663	2.85	100	124.5	80	120	
Se	82	1	nogas	110.968	0.708	25695	1.22	100	111.0	80	120	
Sr	88	1	nogas	105.442	0.519	3589354	0.07	100	105.4	80	120	
Mo	95	1	nogas	2032.644	0.535	13456021	0.60	100	2032.6	80	120	
Ag	107	1	nogas	116.496	1.286	1840124	1.42	100	116.5	80	120	
Cd	111	1	nogas	101.300	1.077	346342	1.50	100	101.3	80	120	
Sn	118	1	nogas	106.368	1.639	1067167	1.96	100	106.4	80	120	
Sb	121	1	nogas	106.808	1.580	1363830	1.29	100	106.8	80	120	
Ba	137	1	nogas	102.279	0.975	572510	1.34	100	102.3	80	120	
Tl	205	1	nogas	104.134	2.336	2948851	1.80	100	104.1	80	120	
Pb	208	1	nogas	106.059	3.695	4105178	1.46	100	106.1	80	120	
U	238	1	nogas	105.637	3.118	5017851	1.48	100	105.6	80	120	
Si	28	1	nogas	5404.395	0.659	4722696	1.51	100	5404.4	80	120	ICSB Main CR1 Failed
Na	23	2	He	100566.735	18.638	254412396	1.97	100	100566.7	80	120	ICSB Main CR1 Failed
Mg	24	2	He	98925.547	18.958	162497958	2.26	100	98925.5	80	120	ICSB Main CR1 Failed
Al	27	2	He	80222.152	19.553	114825605	2.91	100	80222.2	80	120	ICSB Main CR1 Failed
K	39	2	He	99821.404	18.373	249197616	1.64	100	99821.4	80	120	ICSB Main CR1 Failed
Ca	43	2	He	95938.269	19.082	737708	2.39	100	95938.3	80	120	ICSB Main CR1 Failed
Ca	44	2	He	95325.814	19.098	11827706	2.45	100	95325.8	80	120	ICSB Main CR1 Failed
V	51	2	He	96.251	18.443	1164996	1.61	100	96.3	80	120	
Cr	52	2	He	93.392	18.742	1185244	2.01	100	93.4	80	120	
Mn	55	2	He	92.730	18.734	1086450	2.02	100	92.7	80	120	
Fe	56	2	He	97696.383	19.896	1146214596	3.30	100	97696.4	80	120	ICSB Main CR1 Failed
Co	59	2	He	95.592	18.012	1535043	1.25	100	95.6	80	120	
Ni	60	2	He	88.831	18.952	364948	2.29	100	88.8	80	120	
Cu	63	2	He	89.563	18.313	893956	1.52	100	89.6	80	120	
Zn	66	2	He	89.968	18.428	205444	1.72	100	90.0	80	120	
As	75	2	He	94.191	18.211	165726	1.44	100	94.2	80	120	
Sb	121	2	He	95.176	18.338	1037305	1.64	100	95.2	80	120	
Se	78	2	He	96.186	17.701	22385	1.19	100	96.2	80	120	
Ti	47	2	He	1849.382	19.630	1121365	3.23	100	1849.4	80	120	ICSB Main CR1 Failed

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2891990	1.11	2988431	96.77	70	120	
In	115	1	nogas	3200681	0.46	3430137	93.31	70	120	
Li	6	1	nogas	1051485	0.60	1187992	88.51	70	120	
Bi	209	1	nogas	2616156	2.27	3030667	86.32	70	120	
Ge	72	2	He	1644229	18.54	1591743	103.30	70	120	

Calibration Blank Report

Sample Table

Sample Name	CAL BLK
Data File Name	263CALB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:19:28-06:00
Sample Type	CalBlk
Level	1
Dilution	1
Comment	

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	27	284.16
B	11	1	nogas	7502	0.06
Al	27	1	nogas	43123	0.01
P	31	1	nogas	13078	0.02
Ti	47	1	nogas	83	22.00
Ni	60	1	nogas	497	2.48
Cu	63	1	nogas	1507	0.62
Zn	66	1	nogas	2130	0.35
Se	77	1	nogas	2947	0.08
Se	82	1	nogas	180	8.17
Sr	88	1	nogas	1927	0.47
Mo	95	1	nogas	103	60.21
Ag	107	1	nogas	73	123.81
Cd	111	1	nogas	10	0.00
Sn	118	1	nogas	5151	0.17
Sb	121	1	nogas	513	3.95
Ba	137	1	nogas	293	3.74
Tl	205	1	nogas	80	71.60
Pb	208	1	nogas	587	1.60
Li	7	1	nogas	47535	0.00
Si	28	1	nogas	528743	0.00
Na	23	2	He	25070	0.00
Mg	24	2	He	1587	0.33
Al	27	2	He	2384	0.10
K	39	2	He	75009	0.00
Ca	43	2	He	90	32.66
Ca	44	2	He	1520	0.49
V	51	2	He	1887	0.34
Cr	52	2	He	2047	0.41
Mn	55	2	He	2157	0.69
Fe	56	2	He	18867	0.00
Co	59	2	He	147	14.94
Ni	60	2	He	283	14.44
Cu	63	2	He	843	1.23
Zn	66	2	He	1530	0.71
As	75	2	He	137	7.78
Sb	121	2	He	340	3.96
Se	78	2	He	259	5.45

Calibration Blank Report

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Ge	72	1	nogas	1905656	0.66

Calibration Blank Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
In	115	1	nogas	2034779	0.89
Li	6	1	nogas	676732	0.66
Bi	209	1	nogas	1711742	2.74
Ge	72	2	He	825316	0.88

Calibration Standard Report

Sample Table

Sample Name	2/10/200
Data File Name	264CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:21:30-06:00
Sample Type	CalStd
Level	2
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	5998	0.04
B	11	1	nogas	24699	0.01
Al	27	1	nogas	62031	0.01
P	31	1	nogas	19697	0.01
Ti	47	1	nogas	2387	0.30
Ni	60	1	nogas	7628	0.04
Cu	63	1	nogas	17996	0.02
Zn	66	1	nogas	6828	0.07
Se	77	1	nogas	3327	0.20
Se	82	1	nogas	533	3.76
Sr	88	1	nogas	50207	0.00
Mo	95	1	nogas	8982	0.03
Ag	107	1	nogas	21453	0.01
Cd	111	1	nogas	4541	0.12
Sn	118	1	nogas	18170	0.02
Sb	121	1	nogas	18914	0.00
Ba	137	1	nogas	8032	0.07
Tl	205	1	nogas	39417	0.00
Pb	208	1	nogas	55137	0.00
Si	28	1	nogas	574048	0.00
Na	23	2	He	260246	0.00
Mg	24	2	He	154278	0.00
Al	27	2	He	3467	0.16
K	39	2	He	293481	0.00
Ca	43	2	He	747	1.81
Ca	44	2	He	12288	0.01
V	51	2	He	14565	0.02
Cr	52	2	He	16137	0.02
Mn	55	2	He	14636	0.02
Fe	56	2	He	1286546	0.00
Co	59	2	He	18963	0.02
Ni	60	2	He	4951	0.14
Cu	63	2	He	13415	0.01
Zn	66	2	He	3854	0.14
As	75	2	He	2249	0.29
Sb	121	2	He	13222	0.02
Se	78	2	He	491	2.63

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1899370	1.12	1905656	99.67	70	120	
In	115	1	nogas	2076694	1.78	2034779	102.06	70	120	
Li	6	1	nogas	672989	0.69	676732	99.45	70	120	
Bi	209	1	nogas	1718916	2.21	1711742	100.42	70	120	
Ge	72	2	He	831034	0.80	825316	100.69	70	120	

Calibration Standard Report

Sample Table

Sample Name	5/25/500
Data File Name	265CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:23:32-06:00
Sample Type	CalStd
Level	3
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	14469	0.03
B	11	1	nogas	50536	0.00
Al	27	1	nogas	92893	0.00
P	31	1	nogas	29480	0.00
Ti	47	1	nogas	5838	0.03
Ni	60	1	nogas	18466	0.01
Cu	63	1	nogas	43789	0.01
Zn	66	1	nogas	13685	0.01
Se	77	1	nogas	3670	0.06
Se	82	1	nogas	827	0.55
Sr	88	1	nogas	120959	0.00
Mo	95	1	nogas	21980	0.01
Ag	107	1	nogas	54477	0.00
Cd	111	1	nogas	11437	0.04
Sn	118	1	nogas	39338	0.01
Sb	121	1	nogas	47090	0.01
Ba	137	1	nogas	18510	0.01
Tl	205	1	nogas	95342	0.00
Pb	208	1	nogas	135450	0.00
Si	28	1	nogas	648658	0.00
Na	23	2	He	606127	0.00
Mg	24	2	He	375320	0.00
Al	27	2	He	5151	0.22
K	39	2	He	610121	0.00
Ca	43	2	He	1737	0.59
Ca	44	2	He	27551	0.01
V	51	2	He	33461	0.00
Cr	52	2	He	35898	0.01
Mn	55	2	He	29307	0.00
Fe	56	2	He	3004353	0.00
Co	59	2	He	46168	0.00
Ni	60	2	He	12221	0.01
Cu	63	2	He	30482	0.01
Zn	66	2	He	7562	0.03
As	75	2	He	5229	0.03
Sb	121	2	He	32958	0.00
Se	78	2	He	761	0.05

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1892474	0.99	1905656	99.31	70	120	
In	115	1	nogas	2036132	0.22	2034779	100.07	70	120	
Li	6	1	nogas	675883	0.61	676732	99.87	70	120	
Bi	209	1	nogas	1718117	1.93	1711742	100.37	70	120	
Ge	72	2	He	823818	0.40	825316	99.82	70	120	

Calibration Standard Report

Sample Table

Sample Name	10/50/1000
Data File Name	266CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:25:33-06:00
Sample Type	CalStd
Level	4
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	28955	0.01
B	11	1	nogas	93382	0.00
Al	27	1	nogas	149580	0.00
P	31	1	nogas	44950	0.00
Ti	47	1	nogas	12217	0.01
Ni	60	1	nogas	36533	0.00
Cu	63	1	nogas	86753	0.00
Zn	66	1	nogas	25912	0.01
Se	77	1	nogas	4201	0.11
Se	82	1	nogas	1843	0.63
Sr	88	1	nogas	245116	0.00
Mo	95	1	nogas	45174	0.01
Ag	107	1	nogas	108912	0.00
Cd	111	1	nogas	22898	0.01
Sn	118	1	nogas	72412	0.00
Sb	121	1	nogas	95928	0.00
Ba	137	1	nogas	38740	0.01
Tl	205	1	nogas	195485	0.00
Pb	208	1	nogas	275072	0.00
Si	28	1	nogas	776918	0.00
Na	23	2	He	1200072	0.00
Mg	24	2	He	754990	0.00
Al	27	2	He	8499	0.03
K	39	2	He	1155433	0.00
Ca	43	2	He	3150	0.13
Ca	44	2	He	54516	0.00
V	51	2	He	66418	0.00
Cr	52	2	He	71424	0.00
Mn	55	2	He	58308	0.00
Fe	56	2	He	5936345	0.00
Co	59	2	He	94024	0.00
Ni	60	2	He	24143	0.00
Cu	63	2	He	61054	0.00
Zn	66	2	He	14169	0.03
As	75	2	He	10291	0.03
Sb	121	2	He	64903	0.00
Se	78	2	He	1305	0.36

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1897425	0.65	1905656	99.57	70	120	
In	115	1	nogas	2059350	1.05	2034779	101.21	70	120	
Li	6	1	nogas	671884	0.58	676732	99.28	70	120	
Bi	209	1	nogas	1729966	1.25	1711742	101.06	70	120	
Ge	72	2	He	822018	1.42	825316	99.60	70	120	

Calibration Standard Report

Sample Table

Sample Name	100/500/10K
Data File Name	267CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:27:34-06:00
Sample Type	CalStd
Level	5
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	301682	0.00
B	11	1	nogas	882205	0.00
Al	27	1	nogas	1108493	0.00
P	31	1	nogas	331306	0.00
Ti	47	1	nogas	126757	0.00
Ni	60	1	nogas	364547	0.00
Cu	63	1	nogas	859510	0.00
Zn	66	1	nogas	251331	0.00
Se	77	1	nogas	15654	0.01
Se	82	1	nogas	16418	0.01
Sr	88	1	nogas	2379601	0.00
Mo	95	1	nogas	463796	0.00
Ag	107	1	nogas	1111357	0.00
Cd	111	1	nogas	233798	0.00
Sn	118	1	nogas	708457	0.00
Sb	121	1	nogas	982409	0.00
Ba	137	1	nogas	393685	0.00
Tl	205	1	nogas	1947549	0.00
Pb	208	1	nogas	2785176	0.00
Si	28	1	nogas	3206794	0.00
Na	23	2	He	11295297	0.00
Mg	24	2	He	7215636	0.00
Al	27	2	He	58326	0.00
K	39	2	He	10564823	0.00
Ca	43	2	He	33667	0.00
Ca	44	2	He	546505	0.00
V	51	2	He	659958	0.00
Cr	52	2	He	703849	0.00
Mn	55	2	He	581834	0.00
Fe	56	2	He	59575619	0.00
Co	59	2	He	954610	0.00
Ni	60	2	He	239178	0.00
Cu	63	2	He	602597	0.00
Zn	66	2	He	136210	0.00
As	75	2	He	106321	0.00
Sb	121	2	He	678652	0.00
Se	78	2	He	11267	0.02

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1884371	1.14	1905656	98.88	70	120	
In	115	1	nogas	2013817	1.47	2034779	98.97	70	120	
Li	6	1	nogas	635782	1.03	676732	93.95	70	120	
Bi	209	1	nogas	1698877	1.23	1711742	99.25	70	120	
Ge	72	2	He	816255	1.12	825316	98.90	70	120	

Calibration Standard Report

Sample Table

Sample Name	200/1000/20K
Data File Name	268CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:29:33-06:00
Sample Type	CalStd
Level	6
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	606381	0.00
B	11	1	nogas	1716918	0.00
Al	27	1	nogas	2060022	0.00
P	31	1	nogas	649192	0.00
Ti	47	1	nogas	259380	0.00
Ni	60	1	nogas	722637	0.00
Cu	63	1	nogas	1644172	0.00
Zn	66	1	nogas	498315	0.00
Se	77	1	nogas	27668	0.02
Se	82	1	nogas	32867	0.00
Sr	88	1	nogas	4724265	0.00
Mo	95	1	nogas	959406	0.00
Ag	107	1	nogas	2123315	0.00
Cd	111	1	nogas	474966	0.00
Sn	118	1	nogas	1442179	0.00
Sb	121	1	nogas	1816663	0.00
Ba	137	1	nogas	791361	0.00
Tl	205	1	nogas	3859128	0.00
Pb	208	1	nogas	5447794	0.00
Si	28	1	nogas	5792929	0.00
Na	23	2	He	22321931	0.00
Mg	24	2	He	14133548	0.00
Al	27	2	He	113285	0.00
K	39	2	He	20721041	0.00
Ca	43	2	He	64849	0.00
Ca	44	2	He	1088820	0.00
V	51	2	He	1325116	0.00
Cr	52	2	He	1369518	0.00
Mn	55	2	He	1155421	0.00
Fe	56	2	He	118671055	0.00
Co	59	2	He	1776391	0.00
Ni	60	2	He	471775	0.00
Cu	63	2	He	1199858	0.00
Zn	66	2	He	266350	0.00
As	75	2	He	213784	0.00
Sb	121	2	He	1359885	0.00
Se	78	2	He	22093	0.00

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1859941	1.36	1905656	97.60	70	120	
In	115	1	nogas	1956796	2.60	2034779	96.17	70	120	
Li	6	1	nogas	608215	1.42	676732	89.88	70	120	
Bi	209	1	nogas	1632906	0.41	1711742	95.39	70	120	
Ge	72	2	He	803495	0.51	825316	97.36	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICCV2
Data File Name	271LCV2.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:35:29-06:00
Sample Type	LLCCV2
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	1.820	1.474	6098	1.81	2	91.0	70	120	
B	11	1	nogas	23.929	5.972	52767	5.10	10	239.3	70	120	NewName Main CR1 Failed
Al	27	1	nogas	1.551	1.925	59904	1.10	2	77.6	70	120	
P	31	1	nogas	10.914	10.970	20378	2.36	10	109.1	70	120	
Ti	47	1	nogas	1.838	9.505	2534	9.70	2	91.9	70	120	
Ni	60	1	nogas	2.019	3.981	8042	4.73	2	100.9	70	120	
Cu	63	1	nogas	2.092	4.942	19414	3.07	2	104.6	70	120	
Zn	66	1	nogas	1.775	2.692	6701	1.22	2	88.7	70	120	
Se	77	1	nogas	0.023	811.593	2980	2.33	2	1.1	70	120	NewName Main CR1 Failed
Se	82	1	nogas	2.362	13.837	580	9.60	2	118.1	70	120	
Sr	88	1	nogas	1.957	4.574	50942	3.09	2	97.8	70	120	
Mo	95	1	nogas	2.291	3.496	11657	2.71	2	114.5	70	120	
Ag	107	1	nogas	2.000	3.250	22755	2.61	2	100.0	70	120	
Cd	111	1	nogas	1.684	4.723	4231	4.72	2	84.2	70	120	
Sn	118	1	nogas	1.968	3.129	20175	1.55	2	98.4	70	120	
Sb	121	1	nogas	2.306	1.595	22481	1.12	2	115.3	70	120	
Ba	137	1	nogas	1.941	1.623	8419	2.61	2	97.0	70	120	
Tl	205	1	nogas	2.272	4.600	46245	6.34	2	113.6	70	120	
Pb	208	1	nogas	1.929	0.623	56045	1.49	2	96.5	70	120	
Pb	206	1	nogas	1.874	4.781	13886	5.23	2	93.7	70	120	
Pb	207	1	nogas	1.868	0.730	12151	2.05	2	93.4	70	120	
U	238	1	nogas	1.944	3.416	63994	1.80	2	97.2	70	120	
Li	7	1	nogas	1.928	4.616	66726	1.62	2	96.4	70	120	
Ba	135	1	nogas	1.802	12.550	4527	9.98	2	90.1	70	120	
Tl	203	1	nogas	2.339	8.290	19585	9.91	2	116.9	70	120	
Na	23	2	He	208.181	0.901	265299	1.23	200	104.1	70	120	
Mg	24	2	He	211.587	1.585	156539	2.02	200	105.8	70	120	
Al	27	2	He	1.770	13.828	3417	3.76	2	88.5	70	120	
K	39	2	He	206.569	0.562	296375	0.67	200	103.3	70	120	
Ca	43	2	He	187.955	3.697	723	3.48	200	94.0	70	120	
Ca	44	2	He	186.886	3.586	12021	3.51	200	93.4	70	120	
V	51	2	He	1.852	1.247	14529	0.68	2	92.6	70	120	
Cr	52	2	He	2.020	5.474	16387	5.22	2	101.0	70	120	
Mn	55	2	He	1.939	4.467	13719	3.50	2	96.9	70	120	
Fe	56	2	He	212.917	0.553	1323439	0.95	200	106.5	70	120	
Co	59	2	He	2.085	2.580	19544	2.85	2	104.3	70	120	
Ni	60	2	He	1.992	3.098	5144	2.59	2	99.6	70	120	
Cu	63	2	He	2.061	3.604	13612	3.53	2	103.1	70	120	
Zn	66	2	He	1.549	13.081	3667	7.95	2	77.5	70	120	
As	75	2	He	2.000	2.930	2339	2.45	2	100.0	70	120	
Se	77	2	He	2.377	54.921	123	36.56	2	118.9	70	120	
Sb	121	2	He	2.158	3.847	15470	4.10	2	107.9	70	120	
Se	78	2	He	2.562	6.537	550	3.64	2	128.1	70	120	NewName Main CR1 Failed
Ti	47	2	He	2.125	23.921	640	23.02	2	106.2	70	120	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1925323	1.55	1905656	101.03	70	120	
In	115	1	nogas	2083308	1.99	2034779	102.38	70	120	
Li	6	1	nogas	675886	0.41	676732	99.87	70	120	
Bi	209	1	nogas	1729363	1.79	1711742	101.03	70	120	
Ge	72	2	He	831704	0.45	825316	100.77	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICCV5
Data File Name	272LCV5.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:37:31-06:00
Sample Type	LLCCV5
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	4.345	3.198	14492	3.38	5	86.9	70	130	
B	11	1	nogas	28.997	0.324	62240	0.78	25	116.0	70	130	
Al	27	1	nogas	4.348	3.671	89932	2.02	5	87.0	70	130	
P	31	1	nogas	23.979	0.697	29156	0.28	25	95.9	70	130	
Ti	47	1	nogas	4.654	6.463	6325	6.50	5	93.1	70	130	
Ni	60	1	nogas	4.696	2.878	18152	2.99	5	93.9	70	130	
Cu	63	1	nogas	4.949	3.246	44147	3.05	5	99.0	70	130	
Zn	66	1	nogas	4.193	4.695	12985	4.01	5	83.9	70	130	
Se	77	1	nogas	2.476	64.670	3317	6.50	5	49.5	70	130	NewName Main CR1 Failed
Se	82	1	nogas	4.110	15.479	880	12.03	5	82.2	70	130	
Sr	88	1	nogas	4.714	0.188	120191	1.28	5	94.3	70	130	
Mo	95	1	nogas	4.414	2.641	22408	2.86	5	88.3	70	130	
Ag	107	1	nogas	4.723	2.101	53718	0.91	5	94.5	70	130	
Cd	111	1	nogas	4.407	1.545	11074	2.35	5	88.1	70	130	
Sn	118	1	nogas	4.226	2.128	37347	2.49	5	84.5	70	130	
Sb	121	1	nogas	4.975	1.622	48216	1.80	5	99.5	70	130	
Ba	137	1	nogas	4.466	0.481	19014	1.27	5	89.3	70	130	
Tl	205	1	nogas	4.732	2.583	96093	1.70	5	94.6	70	130	
Pb	208	1	nogas	4.643	2.034	133905	0.83	5	92.9	70	130	
U	238	1	nogas	4.586	1.461	150824	0.38	5	91.7	70	130	
Li	7	1	nogas	4.558	1.458	92806	1.11	5	91.2	70	130	
Si	28	1	nogas	244.181	2.459	671921	0.36	25	976.7	70	130	NewName Main CR1 Failed
Na	23	2	He	506.520	0.463	611426	0.42	500	101.3	70	130	
Mg	24	2	He	508.482	0.095	375256	0.27	500	101.7	70	130	
Al	27	2	He	4.355	7.251	4917	3.71	5	87.1	70	130	
K	39	2	He	499.796	0.903	611932	0.62	500	100.0	70	130	
Ca	43	2	He	445.872	11.235	1597	10.49	500	89.2	70	130	
Ca	44	2	He	469.940	3.080	28005	3.07	500	94.0	70	130	
V	51	2	He	4.567	2.013	33162	1.88	5	91.3	70	130	
Cr	52	2	He	4.662	3.064	35247	2.71	5	93.2	70	130	
Mn	55	2	He	4.468	2.900	28886	2.83	5	89.4	70	130	
Fe	56	2	He	484.385	1.079	2997092	1.05	500	96.9	70	130	
Co	59	2	He	4.967	0.619	46502	0.65	5	99.3	70	130	
Ni	60	2	He	4.801	3.343	12037	3.23	5	96.0	70	130	
Cu	63	2	He	4.829	0.751	30856	0.51	5	96.6	70	130	
Zn	66	2	He	4.001	4.880	7051	3.65	5	80.0	70	130	
As	75	2	He	4.687	1.399	5316	1.37	5	93.7	70	130	
Sb	121	2	He	4.622	0.664	32861	0.44	5	92.4	70	130	
Se	78	2	He	5.029	15.914	831	10.98	5	100.6	70	130	
Ti	47	2	He	4.863	7.866	1453	7.61	5	97.3	70	130	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1937549	0.26	1905656	101.67	70	120	
In	115	1	nogas	2086709	1.21	2034779	102.55	70	120	
Li	6	1	nogas	674617	0.50	676732	99.69	70	120	
Bi	209	1	nogas	1727837	1.23	1711742	100.94	70	120	
Ge	72	2	He	834649	0.22	825316	101.13	70	120	

Initial Calibration Blank (ICB) Report

Sample Table

Sample Name	ICCB
Data File Name	273_ICB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T22:39:32-06:00
Sample Type	ICB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.015	67.6	77	43.4	1	
B	11	1	nogas	5.897	2.6	18773	1.9	10	
Al	27	1	nogas	-1.165	-6.6	31533	1.7	5	
P	31	1	nogas	0.401	127.0	13575	1.3	10	
Ti	47	1	nogas	0.029	128.8	123	40.8	2.5	
Ni	60	1	nogas	-0.071	-10.1	237	10.6	2.5	
Cu	63	1	nogas	-0.045	-12.4	1150	3.1	1	
Zn	66	1	nogas	-0.403	-14.6	1127	13.4	2.5	
Se	77	1	nogas	-2.990	-54.0	2610	6.8	2.5	
Se	82	1	nogas	0.256	14.3	227	2.5	1	
Sr	88	1	nogas	-0.010	-57.9	1733	8.9	2.5	
Mo	95	1	nogas	0.118	3.0	700	3.8	2.5	
Ag	107	1	nogas	0.007	30.3	157	14.7	2.5	
Cd	111	1	nogas	0.002	329.7	17	124.9	1	
Sn	118	1	nogas	-0.201	-24.4	3754	10.5	5	
Sb	121	1	nogas	0.062	27.2	1113	13.2	2.5	
Ba	137	1	nogas	-0.014	-64.1	243	13.2	2.5	
Tl	205	1	nogas	0.040	37.9	897	37.7	1	
Pb	208	1	nogas	-0.001	-767.5	570	25.3	2.5	
U	238	1	nogas	0.004	24.7	207	19.6	2.5	
Si	28	1	nogas	11.355	195.4	544386	1.0	5	ICB Main CR1 Failed
Na	23	2	He	-0.996	-55.5	24159	2.7	100	
Mg	24	2	He	-0.116	-189.8	1517	10.5	100	
Al	27	2	He	-1.003	-13.7	1830	4.1	5	
K	39	2	He	-0.854	-109.7	74808	1.5	100	
Ca	43	2	He	-9.194	-56.1	60	28.9	100	
Ca	44	2	He	-4.818	-68.8	1263	14.7	100	
V	51	2	He	-0.044	-36.5	1603	6.9	2.5	
Cr	52	2	He	-0.017	-228.7	1947	13.8	2.5	
Mn	55	2	He	-0.080	-24.6	1697	6.8	2.5	
Fe	56	2	He	0.378	38.2	21369	4.2	100	
Co	59	2	He	0.006	67.2	200	17.3	2.5	
Ni	60	2	He	-0.061	-55.6	137	60.9	2.5	
Cu	63	2	He	-0.026	-84.9	693	19.2	1	
Zn	66	2	He	-0.649	-4.4	653	6.2	2.5	
As	75	2	He	0.038	27.0	180	6.4	2.5	
Sb	121	2	He	0.074	18.5	863	11.1	2.5	
Se	78	2	He	0.035	864.0	265	13.1	1	
Ti	47	2	He	0.011	626.5	17	124.9	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1939789	1.26	1905656	101.79	70	120	
In	115	1	nogas	2084779	1.67	2034779	102.46	70	120	

Initial Calibration Blank (ICB) Report

Li	6	1	nogas	680336	0.91	676732	100.53	70	120	
Bi	209	1	nogas	1705049	3.29	1711742	99.61	70	120	
Ge	72	2	He	833137	0.19	825316	100.95	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	305_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:44:46-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	102.416	0.407	324882	0.51	100	102.4	90	110	
B	11	1	nogas	553.496	1.301	1003001	1.52	500	110.7	90	110	CCV Main CR1-2 Failed
Al	27	1	nogas	106.884	2.860	1201734	1.43	100	106.9	90	110	
P	31	1	nogas	519.595	2.302	364559	0.84	500	103.9	90	110	
Ti	47	1	nogas	104.288	1.479	142899	0.39	100	104.3	90	110	
Ni	60	1	nogas	106.083	3.606	407589	2.42	100	106.1	90	110	
Cu	63	1	nogas	108.612	2.768	956640	1.49	100	108.6	90	110	
Zn	66	1	nogas	105.390	2.386	279924	1.37	100	105.4	90	110	
Se	77	1	nogas	106.480	3.335	17142	1.98	100	106.5	90	110	
Se	82	1	nogas	99.969	3.383	17505	2.95	100	100.0	90	110	
Sr	88	1	nogas	103.732	0.753	2651079	2.18	100	103.7	90	110	
Mo	95	1	nogas	102.759	0.522	528760	1.70	100	102.8	90	110	
Ag	107	1	nogas	108.187	1.217	1251561	2.70	100	108.2	90	110	
Cd	111	1	nogas	103.655	1.627	264991	3.07	100	103.7	90	110	
Sn	118	1	nogas	103.660	0.801	806285	2.27	100	103.7	90	110	
Sb	121	1	nogas	113.242	3.279	1109241	1.87	100	113.2	90	110	CCV Main CR1-2 Failed
Ba	137	1	nogas	103.863	0.480	443373	1.02	100	103.9	90	110	
Tl	205	1	nogas	105.460	3.503	2201634	1.13	100	105.5	90	110	
Pb	208	1	nogas	104.945	3.387	3100976	1.43	100	104.9	90	110	
U	238	1	nogas	103.830	3.434	3511652	1.34	100	103.8	90	110	
Li	7	1	nogas	107.199	0.731	1062791	0.26	100	107.2	90	110	
Si	28	1	nogas	5266.932	2.612	3508025	1.20	5000	105.3	90	110	
Ba	135	1	nogas	103.872	0.385	255297	1.64	100	103.9	90	110	
Tl	203	1	nogas	111.691	4.755	959573	2.40	100	111.7	90	110	CCV Main CR1-2 Failed
Na	23	2	He	10548.665	1.326	12478292	0.48	10000	105.5	90	110	
Mg	24	2	He	10573.644	0.253	7929434	0.97	10000	105.7	90	110	
Al	27	2	He	103.965	2.777	63509	1.87	100	104.0	90	110	
K	39	2	He	10538.657	0.873	11610247	0.37	10000	105.4	90	110	
Ca	43	2	He	10343.009	1.950	35728	1.32	10000	103.4	90	110	
Ca	44	2	He	10450.615	0.069	602099	0.85	10000	104.5	90	110	
V	51	2	He	103.820	0.614	726854	0.64	100	103.8	90	110	
Cr	52	2	He	106.860	0.573	778074	0.63	100	106.9	90	110	
Mn	55	2	He	105.574	1.196	646033	0.80	100	105.6	90	110	
Fe	56	2	He	10511.520	0.807	65954767	0.13	10000	105.1	90	110	
Co	59	2	He	105.823	0.587	1053559	0.40	100	105.8	90	110	
Ni	60	2	He	106.136	1.116	265358	1.29	100	106.1	90	110	
Cu	63	2	He	106.148	0.439	673745	1.16	100	106.1	90	110	
Zn	66	2	He	103.531	0.641	146909	1.29	100	103.5	90	110	
As	75	2	He	102.952	0.585	116185	0.31	100	103.0	90	110	
Sb	121	2	He	104.249	0.185	748663	1.01	100	104.2	90	110	
Se	78	2	He	104.089	0.505	12295	0.87	100	104.1	90	110	
Ti	47	2	He	103.930	2.359	31423	2.92	100	103.9	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1979273	1.40	1905656	103.86	70	120	
In	115	1	nogas	2124750	1.48	2034779	104.42	70	120	
Li	6	1	nogas	642725	0.92	676732	94.97	70	120	
Bi	209	1	nogas	1778340	2.44	1711742	103.89	70	120	
Ge	72	2	He	851609	0.90	825316	103.19	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	306_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:46:49-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.039	36.3	160	30.1	1	
B	11	1	nogas	27.097	7.9	60478	7.5	10	CCB Main CR1 Failed
Al	27	1	nogas	-1.472	-0.7	29787	1.3	5	
P	31	1	nogas	0.163	146.6	14139	2.2	10	
Ti	47	1	nogas	0.066	23.2	183	12.6	2.5	
Ni	60	1	nogas	-0.024	-57.4	437	12.6	2.5	
Cu	63	1	nogas	-0.028	-41.8	1367	8.7	2	
Zn	66	1	nogas	-0.278	-26.9	1530	14.7	2.5	
Se	77	1	nogas	-3.395	-16.6	2697	4.1	2.5	
Se	82	1	nogas	0.466	44.7	277	14.6	2	
Sr	88	1	nogas	0.070	10.8	3977	4.5	2.5	
Mo	95	1	nogas	0.448	28.0	2524	26.1	2.5	
Ag	107	1	nogas	0.023	45.4	357	35.1	2.5	
Cd	111	1	nogas	0.027	35.5	83	30.2	1	
Sn	118	1	nogas	-0.088	-11.7	4921	1.7	5	
Sb	121	1	nogas	0.350	13.2	4091	12.0	2.5	
Ba	137	1	nogas	0.055	30.8	567	13.0	2.5	
Tl	205	1	nogas	0.344	46.3	7702	48.4	1	
Pb	208	1	nogas	0.027	28.8	1497	19.1	2.5	
U	238	1	nogas	0.046	28.1	1697	29.3	2.5	
Si	28	1	nogas	-43.307	-51.7	541780	1.0	5	
Na	23	2	He	37.919	1.1	72521	0.8	100	
Mg	24	2	He	4.092	3.2	4831	2.4	100	
Al	27	2	He	-1.518	-6.8	1610	4.3	5	
K	39	2	He	-0.801	-72.1	78564	0.5	100	
Ca	43	2	He	22.965	63.4	177	29.0	100	
Ca	44	2	He	0.510	534.2	1640	9.8	100	
V	51	2	He	-0.009	-116.5	1932	4.6	2.5	
Cr	52	2	He	-0.018	-139.4	2037	9.4	2.5	
Mn	55	2	He	0.134	45.3	3124	12.7	2.5	
Fe	56	2	He	5.232	3.5	53681	1.8	100	
Co	59	2	He	0.012	86.7	277	37.6	2.5	
Ni	60	2	He	-0.035	-30.2	210	12.6	2.5	
Cu	63	2	He	-0.021	-92.6	757	16.2	2	
Zn	66	2	He	-0.514	-27.9	880	22.8	2.5	
As	75	2	He	0.134	14.4	300	8.0	2.5	
Sb	121	2	He	0.216	9.8	1950	8.1	2.5	
Se	78	2	He	0.200	13.3	298	1.2	2	
Ti	47	2	He	-0.034	-53.9	3	173.2	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2043576	1.56	1905656	107.24	70	120	
In	115	1	nogas	2226897	0.92	2034779	109.44	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	695459	0.72	676732	102.77	70	120	
Bi	209	1	nogas	1868632	2.77	1711742	109.17	70	120	
Ge	72	2	He	874325	0.60	825316	105.94	70	120	

Interference Check Solution A (ICS-A) Report

Sample Table

Sample Name	ICSA
Data File Name	307ICSA.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:48:56-06:00
Sample Type	ICSA
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.005	201.6	40	76.0	0	ICSA Main CR1 Failed
B	11	1	nogas	19.832	3.5	42273	3.0	0	ICSA Main CR1 Failed
Al	27	1	nogas	91088.715	1.1	968750252	0.3	0	
P	31	1	nogas	87065.783	1.1	57792849	0.6	0	
Ti	47	1	nogas	1838.825	2.7	2473524	1.8	0	
Ni	60	1	nogas	0.815	11.5	3580	9.5	0	ICSA Main CR1 Failed
Cu	63	1	nogas	1.071	4.1	10797	4.5	0	ICSA Main CR1 Failed
Zn	66	1	nogas	0.996	13.5	4754	8.1	0	ICSA Main CR1 Failed
Se	77	1	nogas	19.004	14.7	5478	7.5	0	
Se	82	1	nogas	0.252	34.1	227	6.7	0	ICSA Main CR1 Failed
Sr	88	1	nogas	1.037	3.2	27478	2.0	0	ICSA Main CR1 Failed
Mo	95	1	nogas	1781.129	2.8	8837017	0.4	0	
Ag	107	1	nogas	0.023	3.9	330	5.2	0	ICSA Main CR1 Failed
Cd	111	1	nogas	1.470	6.2	3637	7.8	0	ICSA Main CR1 Failed
Sn	118	1	nogas	-0.222	-12.3	3537	7.2	0	ICSA Main CR1 Failed
Sb	121	1	nogas	0.094	11.7	1433	8.4	0	ICSA Main CR1 Failed
Ba	137	1	nogas	0.077	16.3	613	6.6	0	ICSA Main CR1 Failed
Tl	205	1	nogas	0.027	24.3	613	25.1	0	ICSA Main CR1 Failed
Pb	208	1	nogas	0.046	9.9	1847	11.2	0	ICSA Main CR1 Failed
Si	28	1	nogas	135.842	2.2	614442	0.8	0	
Na	23	2	He	101572.679	0.5	112524312	0.3	0	
Mg	24	2	He	101694.064	0.6	71534482	0.2	0	
Al	27	2	He	91356.236	0.9	50338296	0.4	0	
K	39	2	He	102217.480	0.2	105024058	0.5	0	
Ca	43	2	He	98542.597	0.1	318642	0.6	0	
Ca	44	2	He	96320.320	0.9	5194209	0.7	0	
V	51	2	He	0.038	63.9	2075	7.2	0	ICSA Main CR1 Failed
Cr	52	2	He	0.987	6.1	8706	5.3	0	ICSA Main CR1 Failed
Mn	55	2	He	0.123	9.1	2790	2.8	0	ICSA Main CR1 Failed
Fe	56	2	He	102230.725	0.2	601672098	0.6	0	
Co	59	2	He	0.208	13.8	2083	12.4	0	ICSA Main CR1 Failed
Ni	60	2	He	0.294	9.9	963	7.4	0	ICSA Main CR1 Failed
Cu	63	2	He	0.241	17.3	2247	10.5	0	ICSA Main CR1 Failed
Zn	66	2	He	-0.093	-134.1	1360	12.1	0	ICSA Main CR1 Failed
As	75	2	He	0.201	23.6	344	14.7	0	ICSA Main CR1 Failed
Sb	121	2	He	0.090	47.1	933	30.7	0	ICSA Main CR1 Failed
Se	78	2	He	0.177	239.0	270	17.5	0	ICSA Main CR1 Failed
Ti	47	2	He	1958.154	0.5	555182	0.3	0	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1944255	1.04	1905656	102.03	70	120	
In	115	1	nogas	2050057	2.41	2034779	100.75	70	120	
Li	6	1	nogas	634732	1.34	676732	93.79	70	120	
Bi	209	1	nogas	1674234	4.45	1711742	97.81	70	120	
Ge	72	2	He	798974	0.55	825316	96.81	70	120	

Interference Check Solution AB (ICS-AB) Report

Sample Table

Sample Name	ICSAB
Data File Name	308ICSB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:50:59-06:00
Sample Type	ICSB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	101.132	0.729	303242	0.20	100	101.1	80	120	
B	11	1	nogas	550.556	0.515	943085	0.69	100	550.6	80	120	
Al	27	1	nogas	89393.805	1.369	969773506	1.28	100	89393.8	80	120	ICSB Main CR1 Failed
Ti	47	1	nogas	1940.185	1.789	2662452	1.80	100	1940.2	80	120	
Ni	60	1	nogas	97.204	2.444	374298	1.42	100	97.2	80	120	
Cu	63	1	nogas	99.576	2.412	878957	1.23	100	99.6	80	120	
Zn	66	1	nogas	100.185	3.238	266717	2.11	100	100.2	80	120	
Se	77	1	nogas	127.056	3.445	19901	1.79	100	127.1	80	120	
Se	82	1	nogas	102.193	5.872	17919	4.43	100	102.2	80	120	
Sr	88	1	nogas	103.381	1.215	2575814	1.30	100	103.4	80	120	
Mo	95	1	nogas	1900.253	1.285	9531178	1.23	100	1900.3	80	120	
Ag	107	1	nogas	120.279	0.921	1356453	1.09	100	120.3	80	120	ICSB Main CR1 Failed
Cd	111	1	nogas	100.991	0.429	251679	0.59	100	101.0	80	120	
Sn	118	1	nogas	100.793	0.817	764446	0.98	100	100.8	80	120	
Sb	121	1	nogas	107.216	2.173	1052451	0.94	100	107.2	80	120	
Ba	137	1	nogas	101.454	1.672	422280	1.82	100	101.5	80	120	
Tl	205	1	nogas	101.886	4.033	1986763	0.94	100	101.9	80	120	
Pb	208	1	nogas	101.016	3.992	2787959	0.93	100	101.0	80	120	
U	238	1	nogas	105.045	4.352	3318153	1.24	100	105.0	80	120	
Si	28	1	nogas	5136.423	2.240	3441570	0.67	100	5136.4	80	120	ICSB Main CR1 Failed
Na	23	2	He	111049.409	0.871	125072308	0.69	100	111049.4	80	120	
Mg	24	2	He	110782.529	1.145	79224847	0.24	100	110782.5	80	120	
Al	27	2	He	89967.886	1.200	50399339	0.46	100	89967.9	80	120	ICSB Main CR1 Failed
K	39	2	He	110810.254	0.472	115746205	0.74	100	110810.3	80	120	
Ca	43	2	He	108065.490	1.388	355281	2.12	100	108065.5	80	120	
Ca	44	2	He	105054.931	0.842	5760087	1.71	100	105054.9	80	120	
V	51	2	He	102.517	0.735	684638	0.66	100	102.5	80	120	
Cr	52	2	He	103.228	0.668	717013	0.60	100	103.2	80	120	
Mn	55	2	He	100.356	0.424	585927	1.48	100	100.4	80	120	
Fe	56	2	He	110840.462	0.715	663223190	0.84	100	110840.5	80	120	
Co	59	2	He	101.487	0.824	963770	0.60	100	101.5	80	120	
Ni	60	2	He	99.622	0.667	237591	0.44	100	99.6	80	120	
Cu	63	2	He	99.355	1.096	601543	0.53	100	99.4	80	120	
Zn	66	2	He	100.693	2.749	136305	1.74	100	100.7	80	120	
As	75	2	He	103.564	0.999	111485	1.24	100	103.6	80	120	
Sb	121	2	He	101.667	0.885	696403	0.26	100	101.7	80	120	
Se	78	2	He	107.506	0.953	12105	1.61	100	107.5	80	120	
Ti	47	2	He	2075.834	0.888	598359	0.64	100	2075.8	80	120	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1983211	1.41	1905656	104.07	70	120	
In	115	1	nogas	2071556	0.17	2034779	101.81	70	120	
Li	6	1	nogas	607539	0.77	676732	89.78	70	120	
Bi	209	1	nogas	1661560	3.20	1711742	97.07	70	120	
Ge	72	2	He	812324	1.05	825316	98.43	70	120	

Sample Report

Sample Table

Sample Name	MBLK-161677
Data File Name	310SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:55:06-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.009	0.009	77.07	58	0.01	2000	
B	11	1	nogas	10.935	10.935	1.54	29888	0.04	2000	
Al	27	1	nogas	15.412	15.412	10.85	233662	0.01	2000	
Ti	47	1	nogas	0.254	0.254	26.17	480	0.05	2000	
Ni	60	1	nogas	-0.026	-0.026	-38.07	460	-0.01	2000	
Cu	63	1	nogas	0.019	0.019	61.34	1917	0.00	2000	
Zn	66	1	nogas	-0.103	-0.103	-78.61	2143	0.00	2000	
Se	77	1	nogas	-2.635	-2.635	-48.48	2994	-0.09	2000	
Se	82	1	nogas	0.123	0.123	221.20	230	0.05	2000	
Sr	88	1	nogas	0.011	0.011	58.23	2570	0.00	2000	
Mo	95	1	nogas	1.469	1.469	3.01	8639	0.02	2000	
Ag	107	1	nogas	0.004	0.004	44.76	133	0.00	2000	
Cd	111	1	nogas	0.012	0.012	17.27	47	0.03	2000	
Sn	118	1	nogas	-0.426	-0.426	-3.49	2350	-0.02	2000	
Sb	121	1	nogas	0.038	0.038	37.12	997	0.00	2000	
Ba	137	1	nogas	0.052	0.052	17.37	597	0.01	2000	
Tl	205	1	nogas	0.025	0.025	16.93	693	0.00	2000	
Pb	208	1	nogas	0.013	0.013	66.79	1150	0.00	2000	
U	238	1	nogas	0.009	0.009	18.72	430	0.00	2000	
Si	28	1	nogas	529.216	529.216	1.99	934630	0.06	2000	
Na	23	2	He	37.579	37.579	1.36	75733	0.05	200000	
Mg	24	2	He	28.416	28.416	1.16	24740	0.11	200000	
Al	27	2	He	12.210	12.210	9.58	10383	0.12	2000	
K	39	2	He	2.441	2.441	52.39	86338	0.00	200000	
Ca	43	2	He	8.893	8.893	152.85	133	6.67	200000	
Ca	44	2	He	6.173	6.173	51.61	2073	0.30	200000	
V	51	2	He	-0.046	-0.046	-32.13	1755	0.00	2000	
Cr	52	2	He	-0.165	-0.165	-8.08	983	-0.02	2000	
Mn	55	2	He	-0.012	-0.012	-238.64	2320	0.00	2000	
Fe	56	2	He	27.836	27.836	2.59	209270	0.01	200000	
Co	59	2	He	0.001	0.001	111.53	173	0.00	2000	
Ni	60	2	He	-0.042	-0.042	-18.05	203	-0.02	2000	
Cu	63	2	He	0.034	0.034	163.22	1170	0.00	2000	
Zn	66	2	He	-0.374	-0.374	-26.66	1137	-0.03	2000	
As	75	2	He	-0.004	-0.004	-297.52	147	0.00	2000	
Sb	121	2	He	0.026	0.026	64.69	577	0.00	2000	
Se	78	2	He	-0.204	-0.204	-87.04	263	-0.08	2000	
Ti	47	2	He	0.302	0.302	38.06	113	0.27	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2185221	0.54	1905656	114.67	70	120	
In	115	1	nogas	2394180	1.10	2034779	117.66	70	120	
Li	6	1	nogas	716824	0.25	676732	105.92	70	120	

Sample Report

Bi	209	1	nogas	2040876	3.08	1711742	119.23	70	120	
Ge	72	2	He	918296	0.46	825316	111.27	70	120	

Sample Report

Sample Table

Sample Name	LCS-161677
Data File Name	311SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:57:13-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	44.199	44.199	1.02	157751	0.03	2000	
B	11	1	nogas	10.248	10.248	2.03	28758	0.04	2000	
Al	27	1	nogas	53.962	53.962	1.15	695271	0.01	2000	
Ti	47	1	nogas	44.724	44.724	1.68	67803	0.07	2000	
Ni	60	1	nogas	47.100	47.100	1.02	200401	0.02	2000	
Cu	63	1	nogas	49.087	49.087	0.53	478966	0.01	2000	
Zn	66	1	nogas	47.926	47.926	0.49	142068	0.03	2000	
Se	77	1	nogas	44.825	44.825	2.33	9936	0.45	2000	
Se	82	1	nogas	45.838	45.838	0.23	8986	0.51	2000	
Sr	88	1	nogas	0.039	0.039	1.44	3367	0.00	2000	
Mo	95	1	nogas	43.984	43.984	0.93	253533	0.02	2000	
Ag	107	1	nogas	48.037	48.037	1.55	622306	0.01	2000	
Cd	111	1	nogas	45.897	45.897	2.78	131384	0.03	2000	
Sn	118	1	nogas	-0.488	-0.488	-4.17	1803	-0.03	2000	
Sb	121	1	nogas	49.319	49.319	0.71	534504	0.01	2000	
Ba	137	1	nogas	44.173	44.173	1.07	211387	0.02	2000	
Tl	205	1	nogas	45.511	45.511	5.18	1055513	0.00	2000	
Pb	208	1	nogas	45.906	45.906	4.83	1507255	0.00	2000	
U	238	1	nogas	0.004	0.004	52.35	237	0.00	2000	
Si	28	1	nogas	377.967	377.967	3.19	841773	0.04	2000	
Na	23	2	He	4663.592	4663.592	0.67	6077264	0.08	200000	
Mg	24	2	He	4723.639	4723.639	0.41	3892828	0.12	200000	
Al	27	2	He	52.434	52.434	1.90	36536	0.14	2000	
K	39	2	He	4698.253	4698.253	0.39	5734058	0.08	200000	
Ca	43	2	He	4464.131	4464.131	2.73	17001	26.26	200000	
Ca	44	2	He	4601.614	4601.614	0.72	292238	1.57	200000	
V	51	2	He	45.074	45.074	0.23	347917	0.01	2000	
Cr	52	2	He	46.308	46.308	0.54	371766	0.01	2000	
Mn	55	2	He	45.998	45.998	1.26	310629	0.01	2000	
Fe	56	2	He	4629.650	4629.650	0.91	31927984	0.01	200000	
Co	59	2	He	46.792	46.792	1.20	511915	0.01	2000	
Ni	60	2	He	46.929	46.929	1.29	129087	0.04	2000	
Cu	63	2	He	47.424	47.424	0.90	331229	0.01	2000	
Zn	66	2	He	47.093	47.093	0.86	74363	0.06	2000	
As	75	2	He	46.690	46.690	1.31	57975	0.08	2000	
Sb	121	2	He	45.335	45.335	0.14	357910	0.01	2000	
Se	78	2	He	47.446	47.446	1.70	6317	0.75	2000	
Ti	47	2	He	43.745	43.745	3.45	14539	0.30	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2187816	0.99	1905656	114.81	70	120	
In	115	1	nogas	2379664	0.99	2034779	116.95	70	120	
Li	6	1	nogas	723072	0.40	676732	106.85	70	120	

Sample Report

Bi	209	1	nogas	1976442	3.00	1711742	115.46	70	120	
Ge	72	2	He	935626	0.26	825316	113.37	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01
Data File Name	312SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-26T23:59:18-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677 Pb
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.027	0.027	8.83	118	0.02	2000	
B	11	1	nogas	94.988	94.988	1.92	188508	0.05	2000	
Al	27	1	nogas	9.318	9.318	3.18	155915	0.01	2000	
Ti	47	1	nogas	2.414	2.414	3.51	3630	0.07	2000	
Ni	60	1	nogas	2.540	2.540	4.16	10983	0.02	2000	
Cu	63	1	nogas	0.858	0.858	4.52	9756	0.01	2000	
Zn	66	1	nogas	1.479	1.479	10.06	6541	0.02	2000	
Se	77	1	nogas	13.747	13.747	12.76	5221	0.26	2000	
Se	82	1	nogas	1.526	1.526	19.12	483	0.32	2000	
Sr	88	1	nogas	775.039	775.039	1.46	20798070	0.00	2000	
Mo	95	1	nogas	4.603	4.603	1.07	24998	0.02	2000	
Ag	107	1	nogas	0.007	0.007	14.88	167	0.00	2000	
Cd	111	1	nogas	0.041	0.041	40.35	120	0.03	2000	
Sn	118	1	nogas	-0.477	-0.477	-8.16	1777	-0.03	2000	
Sb	121	1	nogas	0.385	0.385	10.34	4611	0.01	2000	
Ba	137	1	nogas	497.392	497.392	0.95	2229958	0.02	2000	
Tl	205	1	nogas	0.446	0.446	46.89	9927	0.00	2000	
Pb	208	1	nogas	0.143	0.143	6.72	5057	0.00	2000	
U	238	1	nogas	0.148	0.148	8.07	5274	0.00	2000	
Si	28	1	nogas	200564.015	200564.015	1.36	121200892	0.17	2000	>LDR
Na	23	2	He	66535.047	66535.047	1.26	81735017	0.08	200000	
Mg	24	2	He	19538.191	19538.191	1.29	15239904	0.13	200000	
Al	27	2	He	8.841	8.841	6.43	7962	0.11	2000	
K	39	2	He	4227.284	4227.284	0.78	4892989	0.09	200000	
Ca	43	2	He	109709.367	109709.367	1.08	393321	27.89	200000	
Ca	44	2	He	106198.744	106198.744	0.55	6349947	1.67	200000	
V	51	2	He	0.183	0.183	2.57	3353	0.01	2000	
Cr	52	2	He	0.111	0.111	19.65	3034	0.00	2000	
Mn	55	2	He	7322.951	7322.951	1.04	46459216	0.02	2000	>LDR
Fe	56	2	He	10542.144	10542.144	0.99	68812254	0.02	200000	
Co	59	2	He	0.566	0.566	9.32	6018	0.01	2000	
Ni	60	2	He	1.937	1.937	6.64	5338	0.04	2000	
Cu	63	2	He	0.353	0.353	4.44	3234	0.01	2000	
Zn	66	2	He	1.311	1.311	3.89	3557	0.04	2000	
As	75	2	He	5.411	5.411	1.97	6492	0.08	2000	
Sb	121	2	He	0.293	0.293	1.01	2550	0.01	2000	
Se	78	2	He	0.379	0.379	101.09	323	0.12	2000	
Ti	47	2	He	0.655	0.655	25.40	220	0.30	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2118462	0.78	1905656	111.17	70	120	
In	115	1	nogas	2232716	1.10	2034779	109.73	70	120	
Li	6	1	nogas	680550	0.41	676732	100.56	70	120	
Bi	209	1	nogas	1853903	4.47	1711742	108.31	70	120	
Ge	72	2	He	885910	0.74	825316	107.34	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01SD
Data File Name	313SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:01:22-06:00
Sample Type	Sample
Dilution	5
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.007	0.036	96.17	52	0.01	2000	
B	11	1	nogas	31.342	156.709	1.10	68171	0.05	2000	
Al	27	1	nogas	2.584	12.921	13.39	77602	0.00	2000	
Ti	47	1	nogas	0.553	2.763	9.87	900	0.06	2000	
Ni	60	1	nogas	0.427	2.134	9.43	2297	0.02	2000	
Cu	63	1	nogas	0.136	0.679	0.87	2944	0.00	2000	
Zn	66	1	nogas	0.200	1.001	44.01	2924	0.01	2000	
Se	77	1	nogas	1.815	9.073	9.61	3520	0.05	2000	
Se	82	1	nogas	0.437	2.184	46.91	280	0.16	2000	
Sr	88	1	nogas	152.304	761.521	1.36	4225296	0.00	2000	
Mo	95	1	nogas	1.244	6.221	5.73	7065	0.02	2000	
Ag	107	1	nogas	0.001	0.004	399.42	93	0.00	2000	
Cd	111	1	nogas	0.013	0.064	15.11	47	0.03	2000	
Sn	118	1	nogas	-0.464	-2.318	-2.37	1950	-0.02	2000	
Sb	121	1	nogas	0.140	0.698	13.58	2027	0.01	2000	
Ba	137	1	nogas	100.440	502.200	1.80	465595	0.02	2000	
Tl	205	1	nogas	0.030	0.149	24.30	773	0.00	2000	
Pb	208	1	nogas	0.023	0.114	10.89	1403	0.00	2000	
U	238	1	nogas	0.029	0.145	4.88	1147	0.00	2000	
Si	28	1	nogas	39143.049	195715.246	1.55	24042070	0.16	2000	>LDR
Na	23	2	He	13220.398	66101.990	0.27	16392069	0.08	200000	
Mg	24	2	He	3982.411	19912.055	0.70	3132383	0.13	200000	
Al	27	2	He	2.855	14.274	18.29	4337	0.07	2000	
K	39	2	He	866.694	4333.472	0.36	1075705	0.08	200000	
Ca	43	2	He	21352.611	106763.055	2.36	77252	27.64	200000	
Ca	44	2	He	21368.689	106843.445	1.93	1289173	1.66	200000	
V	51	2	He	0.015	0.074	20.57	2150	0.00	2000	
Cr	52	2	He	0.009	0.044	294.20	2280	0.00	2000	
Mn	55	2	He	1463.736	7318.678	0.98	9362607	0.02	2000	
Fe	56	2	He	2136.369	10681.845	0.18	14072116	0.02	200000	
Co	59	2	He	0.125	0.626	5.82	1467	0.01	2000	
Ni	60	2	He	0.410	2.049	0.59	1380	0.03	2000	
Cu	63	2	He	0.062	0.309	13.43	1323	0.00	2000	
Zn	66	2	He	-0.083	-0.417	-51.43	1533	-0.01	2000	
As	75	2	He	1.080	5.402	11.91	1426	0.08	2000	
Sb	121	2	He	0.139	0.693	14.52	1410	0.01	2000	
Se	78	2	He	0.312	1.559	61.14	318	0.10	2000	
Ti	47	2	He	0.260	1.299	42.49	97	0.27	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2111077	1.08	1905656	110.78	70	120	
In	115	1	nogas	2307369	1.02	2034779	113.40	70	120	
Li	6	1	nogas	689837	0.41	676732	101.94	70	120	

Sample Report

Bi	209	1	nogas	1946571	2.70	1711742	113.72	70	120	
Ge	72	2	He	892942	0.93	825316	108.19	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01MS
Data File Name	314SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:03:27-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	40.593	40.593	0.75	137870	0.03	2000	
B	11	1	nogas	86.806	86.806	1.03	174827	0.05	2000	
Al	27	1	nogas	48.802	48.802	3.47	617304	0.01	2000	
Ti	47	1	nogas	41.836	41.836	4.32	61796	0.07	2000	
Ni	60	1	nogas	42.242	42.242	1.60	175205	0.02	2000	
Cu	63	1	nogas	42.538	42.538	1.91	404690	0.01	2000	
Zn	66	1	nogas	42.984	42.984	2.90	124394	0.03	2000	
Se	77	1	nogas	52.258	52.258	5.19	10740	0.49	2000	
Se	82	1	nogas	43.790	43.790	4.76	8379	0.52	2000	
Sr	88	1	nogas	709.770	709.770	1.72	19006388	0.00	2000	
Mo	95	1	nogas	43.258	43.258	1.58	233454	0.02	2000	
Ag	107	1	nogas	42.053	42.053	1.43	510097	0.01	2000	
Cd	111	1	nogas	41.626	41.626	1.20	111576	0.04	2000	
Sn	118	1	nogas	-0.466	-0.466	-3.36	1863	-0.03	2000	
Sb	121	1	nogas	44.066	44.066	3.00	465362	0.01	2000	
Ba	137	1	nogas	483.092	483.092	1.81	2161533	0.02	2000	
Tl	205	1	nogas	41.399	41.399	3.43	916014	0.00	2000	
Pb	208	1	nogas	40.588	40.588	3.76	1271340	0.00	2000	
U	238	1	nogas	0.132	0.132	12.77	4781	0.00	2000	
Si	28	1	nogas	181045.726	181045.726	1.78	110165735	0.16	2000	>LDR
Na	23	2	He	63296.927	63296.927	0.59	79043915	0.08	200000	
Mg	24	2	He	21694.437	21694.437	1.07	17201161	0.13	200000	
Al	27	2	He	46.502	46.502	0.91	31480	0.15	2000	
K	39	2	He	7896.711	7896.711	1.75	9219839	0.09	200000	
Ca	43	2	He	102589.785	102589.785	1.65	373861	27.44	200000	
Ca	44	2	He	99475.541	99475.541	0.93	6046002	1.65	200000	
V	51	2	He	40.947	40.947	1.26	304382	0.01	2000	
Cr	52	2	He	41.198	41.198	0.37	318577	0.01	2000	
Mn	55	2	He	6571.306	6571.306	0.84	42377838	0.02	2000	>LDR
Fe	56	2	He	13553.848	13553.848	1.24	89922669	0.02	200000	
Co	59	2	He	41.614	41.614	1.15	438204	0.01	2000	
Ni	60	2	He	42.091	42.091	2.21	111461	0.04	2000	
Cu	63	2	He	41.204	41.204	1.54	277093	0.01	2000	
Zn	66	2	He	43.527	43.527	0.32	66280	0.07	2000	
As	75	2	He	46.405	46.405	1.19	55459	0.08	2000	
Sb	121	2	He	40.714	40.714	1.64	309386	0.01	2000	
Se	78	2	He	43.552	43.552	3.31	5604	0.78	2000	
Ti	47	2	He	41.008	41.008	1.08	13118	0.31	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2132250	1.42	1905656	111.89	70	120	
In	115	1	nogas	2228147	1.40	2034779	109.50	70	120	
Li	6	1	nogas	688060	0.25	676732	101.67	70	120	
Bi	209	1	nogas	1884573	2.13	1711742	110.10	70	120	
Ge	72	2	He	900529	0.73	825316	109.11	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01MSD
Data File Name	315SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:05:31-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	44.117	44.117	1.24	149685	0.03	2000	
B	11	1	nogas	95.480	95.480	0.46	191343	0.05	2000	
Al	27	1	nogas	53.059	53.059	1.01	669358	0.01	2000	
Ti	47	1	nogas	45.725	45.725	1.55	67789	0.07	2000	
Ni	60	1	nogas	46.206	46.206	0.94	192265	0.02	2000	
Cu	63	1	nogas	46.054	46.054	0.46	439544	0.01	2000	
Zn	66	1	nogas	47.164	47.164	0.23	136757	0.03	2000	
Se	77	1	nogas	58.251	58.251	3.74	11637	0.50	2000	
Se	82	1	nogas	48.521	48.521	3.38	9289	0.52	2000	
Sr	88	1	nogas	759.775	759.775	0.53	20704732	0.00	2000	
Mo	95	1	nogas	47.473	47.473	2.87	260687	0.02	2000	
Ag	107	1	nogas	45.369	45.369	1.84	559982	0.01	2000	
Cd	111	1	nogas	44.453	44.453	3.30	121239	0.04	2000	
Sn	118	1	nogas	-0.423	-0.423	-9.21	2247	-0.02	2000	
Sb	121	1	nogas	48.209	48.209	1.52	510890	0.01	2000	
Ba	137	1	nogas	514.530	514.530	1.27	2342769	0.02	2000	
Tl	205	1	nogas	45.210	45.210	4.07	998098	0.00	2000	
Pb	208	1	nogas	44.088	44.088	4.62	1377671	0.00	2000	
U	238	1	nogas	0.144	0.144	6.73	5234	0.00	2000	
Si	28	1	nogas	196669.279	196669.279	0.38	120045262	0.16	2000	>LDR
Na	23	2	He	69607.599	69607.599	1.13	86335559	0.08	200000	
Mg	24	2	He	23610.447	23610.447	0.47	18594626	0.13	200000	
Al	27	2	He	50.926	50.926	1.06	33997	0.15	2000	
K	39	2	He	8583.186	8583.186	0.31	9947285	0.09	200000	
Ca	43	2	He	112241.136	112241.136	0.39	406298	27.63	200000	
Ca	44	2	He	108921.742	108921.742	1.55	6575411	1.66	200000	
V	51	2	He	45.154	45.154	0.92	333192	0.01	2000	
Cr	52	2	He	45.293	45.293	0.80	347663	0.01	2000	
Mn	55	2	He	7183.062	7183.062	0.67	46011571	0.02	2000	>LDR
Fe	56	2	He	14765.405	14765.405	0.49	97303035	0.02	200000	
Co	59	2	He	45.442	45.442	0.40	475283	0.01	2000	
Ni	60	2	He	45.672	45.672	1.00	120107	0.04	2000	
Cu	63	2	He	45.343	45.343	0.51	302813	0.01	2000	
Zn	66	2	He	48.133	48.133	1.51	72623	0.07	2000	
As	75	2	He	51.321	51.321	1.06	60908	0.08	2000	
Sb	121	2	He	44.952	44.952	0.14	339279	0.01	2000	
Se	78	2	He	46.821	46.821	0.92	5963	0.79	2000	
Ti	47	2	He	44.295	44.295	3.68	14075	0.31	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2139451	0.73	1905656	112.27	70	120	
In	115	1	nogas	2267304	0.87	2034779	111.43	70	120	
Li	6	1	nogas	687362	0.16	676732	101.57	70	120	
Bi	209	1	nogas	1881358	3.81	1711742	109.91	70	120	
Ge	72	2	He	894465	0.52	825316	108.38	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01PDS
Data File Name	316SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:07:36-06:00
Sample Type	Sample
Dilution	1
Comment	TW B161677
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	89.124	89.124	0.81	300005	0.03	2000	
B	11	1	nogas	94.073	94.073	0.72	187167	0.05	2000	
Al	27	1	nogas	99.298	99.298	0.74	1189937	0.01	2000	
Ti	47	1	nogas	90.374	90.374	1.23	131609	0.07	2000	
Ni	60	1	nogas	90.697	90.697	0.68	370451	0.02	2000	
Cu	63	1	nogas	92.999	92.999	0.80	870783	0.01	2000	
Zn	66	1	nogas	91.614	91.614	0.77	258908	0.04	2000	
Se	77	1	nogas	105.099	105.099	3.12	18022	0.58	2000	
Se	82	1	nogas	93.848	93.848	1.54	17475	0.54	2000	
Sr	88	1	nogas	742.272	742.272	1.67	19975720	0.00	2000	
Mo	95	1	nogas	91.425	91.425	2.51	495699	0.02	2000	
Ag	107	1	nogas	88.629	88.629	2.73	1080211	0.01	2000	
Cd	111	1	nogas	88.724	88.724	2.96	238952	0.04	2000	
Sn	118	1	nogas	-0.395	-0.395	-3.73	2454	-0.02	2000	
Sb	121	1	nogas	95.602	95.602	0.77	995412	0.01	2000	
Ba	137	1	nogas	561.091	561.091	0.46	2523026	0.02	2000	
Tl	205	1	nogas	86.540	86.540	3.74	1929028	0.00	2000	
Pb	208	1	nogas	86.618	86.618	4.84	2732017	0.00	2000	
U	238	1	nogas	0.138	0.138	11.02	5041	0.00	2000	
Si	28	1	nogas	194719.886	194719.886	0.35	116835778	0.17	2000	>LDR
Na	23	2	He	71997.668	71997.668	0.52	89644115	0.08	200000	
Mg	24	2	He	27369.832	27369.832	1.07	21637590	0.13	200000	
Al	27	2	He	95.786	95.786	2.00	61904	0.15	2000	
K	39	2	He	12872.272	12872.272	1.19	14934207	0.09	200000	
Ca	43	2	He	112976.630	112976.630	0.52	410525	27.52	200000	
Ca	44	2	He	108352.206	108352.206	1.71	6566123	1.65	200000	
V	51	2	He	89.520	89.520	0.41	661100	0.01	2000	
Cr	52	2	He	90.065	90.065	0.35	691792	0.01	2000	
Mn	55	2	He	6991.874	6991.874	0.90	44958806	0.02	2000	>LDR
Fe	56	2	He	18864.077	18864.077	0.45	124786348	0.02	200000	
Co	59	2	He	90.047	90.047	0.45	945268	0.01	2000	
Ni	60	2	He	90.312	90.312	0.94	238122	0.04	2000	
Cu	63	2	He	89.357	89.357	0.23	598140	0.01	2000	
Zn	66	2	He	90.668	90.668	0.99	135858	0.07	2000	
As	75	2	He	96.190	96.190	1.13	114471	0.08	2000	
Sb	121	2	He	87.403	87.403	0.90	661854	0.01	2000	
Se	78	2	He	92.744	92.744	3.16	11581	0.80	2000	
Ti	47	2	He	86.997	86.997	0.66	27734	0.31	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2103020	0.43	1905656	110.36	70	120	
In	115	1	nogas	2239318	1.36	2034779	110.05	70	120	
Li	6	1	nogas	682015	0.22	676732	100.78	70	120	
Bi	209	1	nogas	1899398	3.60	1711742	110.96	70	120	
Ge	72	2	He	897900	0.44	825316	108.79	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	317_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:09:39-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	102.861	0.315	332220	0.50	100	102.9	90	110	
B	11	1	nogas	550.676	1.159	1016004	0.80	500	110.1	90	110	CCV Main CR1-2 Failed
Al	27	1	nogas	106.236	0.761	1261286	1.41	100	106.2	90	110	
P	31	1	nogas	512.150	0.545	379526	0.32	500	102.4	90	110	
Ti	47	1	nogas	103.136	1.031	149167	0.46	100	103.1	90	110	
Ni	60	1	nogas	105.364	0.288	427388	0.50	100	105.4	90	110	
Cu	63	1	nogas	108.592	0.885	1009737	1.34	100	108.6	90	110	
Zn	66	1	nogas	105.212	1.207	294991	1.07	100	105.2	90	110	
Se	77	1	nogas	107.404	2.851	18226	3.04	100	107.4	90	110	
Se	82	1	nogas	107.379	1.531	19834	2.12	100	107.4	90	110	
Sr	88	1	nogas	105.607	1.696	2814778	1.99	100	105.6	90	110	
Mo	95	1	nogas	104.957	2.188	563200	1.47	100	105.0	90	110	
Ag	107	1	nogas	109.386	2.166	1319501	1.44	100	109.4	90	110	
Cd	111	1	nogas	105.082	2.209	280108	1.51	100	105.1	90	110	
Sn	118	1	nogas	104.081	2.464	844149	1.76	100	104.1	90	110	
Sb	121	1	nogas	113.661	1.279	1175365	1.01	100	113.7	90	110	CCV Main CR1-2 Failed
Ba	137	1	nogas	104.704	1.925	466161	1.62	100	104.7	90	110	
Tl	205	1	nogas	102.465	4.369	2239221	1.38	100	102.5	90	110	
Pb	208	1	nogas	103.326	4.376	3195873	1.43	100	103.3	90	110	
U	238	1	nogas	101.196	3.295	3583457	0.55	100	101.2	90	110	
Li	7	1	nogas	106.764	1.148	1077868	0.47	100	106.8	90	110	
Si	28	1	nogas	5241.441	2.307	3687720	1.42	5000	104.8	90	110	
Ba	135	1	nogas	104.494	2.437	267825	1.71	100	104.5	90	110	
Tl	203	1	nogas	110.326	5.897	992046	2.61	100	110.3	90	110	CCV Main CR1-2 Failed
Na	23	2	He	10356.969	1.038	12718931	0.29	10000	103.6	90	110	
Mg	24	2	He	10413.229	1.305	8106121	0.85	10000	104.1	90	110	
Al	27	2	He	102.661	0.771	65141	0.72	100	102.7	90	110	
K	39	2	He	10438.299	0.305	11939220	1.14	10000	104.4	90	110	
Ca	43	2	He	10436.725	0.226	37428	1.07	10000	104.4	90	110	
Ca	44	2	He	10387.637	1.202	621309	1.91	10000	103.9	90	110	
V	51	2	He	103.741	0.303	753975	0.61	100	103.7	90	110	
Cr	52	2	He	106.493	0.321	804951	0.58	100	106.5	90	110	
Mn	55	2	He	107.357	0.511	681987	1.37	100	107.4	90	110	
Fe	56	2	He	10450.583	0.583	68071657	0.54	10000	104.5	90	110	
Co	59	2	He	105.700	0.900	1092414	0.61	100	105.7	90	110	
Ni	60	2	He	106.360	1.043	276038	0.86	100	106.4	90	110	
Cu	63	2	He	105.871	0.949	697573	1.27	100	105.9	90	110	
Zn	66	2	He	103.676	0.089	152713	0.78	100	103.7	90	110	
As	75	2	He	102.672	1.099	120281	0.74	100	102.7	90	110	
Sb	121	2	He	104.642	0.729	780087	0.70	100	104.6	90	110	
Se	78	2	He	103.473	0.892	12690	1.52	100	103.5	90	110	
Ti	47	2	He	102.653	0.652	32218	1.41	100	102.7	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2088970	0.68	1905656	109.62	70	120	
In	115	1	nogas	2216030	0.72	2034779	108.91	70	120	
Li	6	1	nogas	654392	0.76	676732	96.70	70	120	
Bi	209	1	nogas	1862325	3.44	1711742	108.80	70	120	
Ge	72	2	He	884047	0.87	825316	107.12	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	318_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:11:43-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.045	16.5	182	14.1	1	
B	11	1	nogas	23.038	9.4	52359	8.2	10	CCB Main CR1 Failed
Al	27	1	nogas	-0.998	-12.5	36135	4.3	5	
P	31	1	nogas	0.383	93.8	14719	2.3	10	
Ti	47	1	nogas	0.095	14.4	230	8.7	2.5	
Ni	60	1	nogas	-0.030	-60.5	427	17.0	2.5	
Cu	63	1	nogas	-0.029	-75.5	1397	14.5	2	
Zn	66	1	nogas	-0.293	-10.2	1533	5.3	2.5	
Se	77	1	nogas	-4.460	-8.7	2627	1.6	2.5	
Se	82	1	nogas	0.710	76.1	330	30.8	2	
Sr	88	1	nogas	0.095	7.8	4724	3.6	2.5	
Mo	95	1	nogas	0.765	10.6	4301	10.7	2.5	
Ag	107	1	nogas	0.029	19.1	433	16.2	2.5	
Cd	111	1	nogas	0.035	6.6	107	5.4	1	
Sn	118	1	nogas	-0.165	-22.0	4361	7.0	5	
Sb	121	1	nogas	0.629	10.9	7122	9.8	2.5	
Ba	137	1	nogas	0.065	20.3	620	10.1	2.5	
Tl	205	1	nogas	0.371	50.2	8463	51.9	1	
Pb	208	1	nogas	0.038	35.7	1857	25.4	2.5	
U	238	1	nogas	0.040	29.4	1543	30.2	2.5	
Si	28	1	nogas	-45.054	-23.3	557036	1.0	5	
Na	23	2	He	28.561	0.0	61506	0.6	100	
Mg	24	2	He	4.645	3.5	5284	2.4	100	
Al	27	2	He	-0.915	-53.5	1983	14.6	5	
K	39	2	He	-0.296	-435.9	79558	2.0	100	
Ca	43	2	He	16.160	167.2	153	62.7	100	
Ca	44	2	He	6.437	54.3	2000	10.1	100	
V	51	2	He	-0.032	-47.3	1782	6.1	2.5	
Cr	52	2	He	0.013	109.0	2280	5.4	2.5	
Mn	55	2	He	0.684	1.4	6601	1.4	2.5	
Fe	56	2	He	5.851	3.1	57977	1.9	100	
Co	59	2	He	0.020	40.1	367	23.2	2.5	
Ni	60	2	He	-0.006	-619.8	287	35.3	2.5	
Cu	63	2	He	-0.020	-81.0	767	14.3	2	
Zn	66	2	He	-0.553	-12.7	830	12.8	2.5	
As	75	2	He	0.167	6.2	340	2.9	2.5	
Sb	121	2	He	0.525	11.6	4254	10.3	2.5	
Se	78	2	He	0.488	30.1	334	5.8	2	
Ti	47	2	He	0.104	46.2	47	32.7	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2104602	0.54	1905656	110.44	70	120	
In	115	1	nogas	2258782	0.69	2034779	111.01	70	120	

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Li	6	1	nogas	692746	0.13	676732	102.37	70	120	
Bi	209	1	nogas	1906010	2.16	1711742	111.35	70	120	
Ge	72	2	He	879006	0.59	825316	106.51	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	326_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:28:27-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	101.653	0.737	317701	0.41	100	101.7	90	110	
B	11	1	nogas	542.739	1.179	969188	1.89	500	108.5	90	110	
Al	27	1	nogas	105.418	2.651	1199101	1.06	100	105.4	90	110	
P	31	1	nogas	507.595	1.560	360455	0.31	500	101.5	90	110	
Ti	47	1	nogas	102.715	3.305	142287	1.74	100	102.7	90	110	
Ni	60	1	nogas	103.839	3.051	403421	1.32	100	103.8	90	110	
Cu	63	1	nogas	107.848	3.179	960433	1.39	100	107.8	90	110	
Zn	66	1	nogas	103.988	1.497	279327	0.44	100	104.0	90	110	
Se	77	1	nogas	106.209	3.416	17295	1.19	100	106.2	90	110	
Se	82	1	nogas	104.303	3.244	18456	1.45	100	104.3	90	110	
Sr	88	1	nogas	102.649	1.928	2689850	1.42	100	102.6	90	110	
Mo	95	1	nogas	100.758	1.486	531624	0.81	100	100.8	90	110	
Ag	107	1	nogas	106.573	2.371	1264031	1.91	100	106.6	90	110	
Cd	111	1	nogas	102.883	2.487	269633	1.44	100	102.9	90	110	
Sn	118	1	nogas	101.722	2.252	811314	1.55	100	101.7	90	110	
Sb	121	1	nogas	112.064	3.310	1109906	1.54	100	112.1	90	110	CCV Main CR1-2 Failed
Ba	137	1	nogas	102.653	3.005	449332	2.37	100	102.7	90	110	
Tl	205	1	nogas	103.888	3.802	2220444	0.55	100	103.9	90	110	
Pb	208	1	nogas	102.363	4.523	3096108	1.56	100	102.4	90	110	
U	238	1	nogas	102.012	3.257	3532659	0.85	100	102.0	90	110	
Li	7	1	nogas	105.470	0.377	1030968	0.65	100	105.5	90	110	
Si	28	1	nogas	5215.220	1.927	3518022	1.08	5000	104.3	90	110	
Ba	135	1	nogas	101.957	1.573	256956	1.04	100	102.0	90	110	
Tl	203	1	nogas	109.375	5.298	961944	2.22	100	109.4	90	110	
Na	23	2	He	10322.209	1.248	12094206	1.02	10000	103.2	90	110	
Mg	24	2	He	10328.264	0.706	7671083	1.09	10000	103.3	90	110	
Al	27	2	He	102.687	1.820	62169	2.27	100	102.7	90	110	
K	39	2	He	10287.852	0.834	11227688	1.38	10000	102.9	90	110	
Ca	43	2	He	10226.241	2.355	34986	1.88	10000	102.3	90	110	
Ca	44	2	He	10379.732	0.718	592264	0.28	10000	103.8	90	110	
V	51	2	He	103.267	0.680	716049	0.35	100	103.3	90	110	
Cr	52	2	He	105.942	0.891	763995	0.62	100	105.9	90	110	
Mn	55	2	He	107.018	0.428	648581	0.73	100	107.0	90	110	
Fe	56	2	He	10398.018	1.066	64616454	0.60	10000	104.0	90	110	
Co	59	2	He	104.982	0.670	1035155	0.33	100	105.0	90	110	
Ni	60	2	He	105.690	1.292	261695	0.79	100	105.7	90	110	
Cu	63	2	He	104.857	0.993	659141	0.81	100	104.9	90	110	
Zn	66	2	He	102.560	0.901	144146	1.23	100	102.6	90	110	
As	75	2	He	102.310	0.912	114354	0.91	100	102.3	90	110	
Sb	121	2	He	104.528	1.340	743443	1.34	100	104.5	90	110	
Se	78	2	He	104.264	0.398	12197	0.47	100	104.3	90	110	
Ti	47	2	He	104.279	3.735	31220	3.24	100	104.3	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2001438	1.77	1905656	105.03	70	120	
In	115	1	nogas	2178915	1.16	2034779	107.08	70	120	
Li	6	1	nogas	633239	0.73	676732	93.57	70	120	
Bi	209	1	nogas	1821150	3.30	1711742	106.39	70	120	
Ge	72	2	He	843424	0.59	825316	102.19	70	120	

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Sample Table

Sample Name	CCB
Data File Name	327_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:30:32-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.043	22.5	170	19.3	1	
B	11	1	nogas	22.452	8.9	49698	7.7	10	CCB Main CR1 Failed
Al	27	1	nogas	-1.193	-7.8	32705	3.5	5	
P	31	1	nogas	0.327	15.4	14165	0.9	10	
Ti	47	1	nogas	0.053	55.9	163	24.7	2.5	
Ni	60	1	nogas	0.003	523.4	543	13.6	2.5	
Cu	63	1	nogas	-0.023	-119.6	1400	16.6	2	
Zn	66	1	nogas	-0.284	-7.5	1503	3.8	2.5	
Se	77	1	nogas	-3.642	-27.5	2647	5.9	2.5	
Se	82	1	nogas	0.660	85.5	310	33.7	2	
Sr	88	1	nogas	0.160	9.9	6371	6.5	2.5	
Mo	95	1	nogas	0.458	16.9	2580	15.8	2.5	
Ag	107	1	nogas	0.024	24.1	367	19.2	2.5	
Cd	111	1	nogas	0.026	14.4	80	12.5	1	
Sn	118	1	nogas	-0.101	-64.8	4811	10.6	5	
Sb	121	1	nogas	0.412	9.8	4684	7.8	2.5	
Ba	137	1	nogas	0.167	21.4	1067	15.0	2.5	
Tl	205	1	nogas	0.391	48.3	8823	49.3	1	
Pb	208	1	nogas	0.036	17.7	1770	12.7	2.5	
U	238	1	nogas	0.050	21.8	1867	22.6	2.5	
Si	28	1	nogas	-40.566	-33.8	540119	0.4	5	
Na	23	2	He	35.968	5.0	68536	3.7	100	
Mg	24	2	He	6.298	9.5	6378	7.2	100	
Al	27	2	He	-1.291	-25.2	1707	11.6	5	
K	39	2	He	-2.304	-26.3	75090	0.5	100	
Ca	43	2	He	24.137	42.4	177	19.9	100	
Ca	44	2	He	11.520	20.0	2237	6.3	100	
V	51	2	He	-0.056	-19.9	1563	5.4	2.5	
Cr	52	2	He	0.017	152.9	2244	9.2	2.5	
Mn	55	2	He	0.972	9.0	8179	6.4	2.5	
Fe	56	2	He	6.019	2.9	57389	2.3	100	
Co	59	2	He	0.037	11.6	520	8.8	2.5	
Ni	60	2	He	-0.016	-206.5	253	32.2	2.5	
Cu	63	2	He	-0.019	-105.6	753	16.4	2	
Zn	66	2	He	-0.531	-16.2	837	15.1	2.5	
As	75	2	He	0.141	41.4	300	21.5	2.5	
Sb	121	2	He	0.285	8.2	2404	6.9	2.5	
Se	78	2	He	0.271	61.2	299	7.0	2	
Ti	47	2	He	0.065	76.6	33	45.8	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2031086	1.10	1905656	106.58	70	120	
In	115	1	nogas	2224608	0.39	2034779	109.33	70	120	

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Li	6	1	nogas	672135	0.40	676732	99.32	70	120	
Bi	209	1	nogas	1893833	1.51	1711742	110.64	70	120	
Ge	72	2	He	854030	0.64	825316	103.48	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	333_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:43:13-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	100.677	0.187	304945	0.12	100	100.7	90	110	
B	11	1	nogas	538.114	1.223	931269	1.16	500	107.6	90	110	
Al	27	1	nogas	104.866	0.201	1146120	1.21	100	104.9	90	110	
P	31	1	nogas	507.871	0.934	346401	0.97	500	101.6	90	110	
Ti	47	1	nogas	101.516	0.807	135105	1.43	100	101.5	90	110	
Ni	60	1	nogas	103.785	1.391	387342	0.85	100	103.8	90	110	
Cu	63	1	nogas	107.544	0.664	920101	1.02	100	107.5	90	110	
Zn	66	1	nogas	103.660	1.832	267449	1.65	100	103.7	90	110	
Se	77	1	nogas	108.126	2.585	16865	3.42	100	108.1	90	110	
Se	82	1	nogas	101.522	4.301	17262	3.99	100	101.5	90	110	
Sr	88	1	nogas	101.908	2.059	2562147	1.15	100	101.9	90	110	
Mo	95	1	nogas	100.745	1.784	509997	0.48	100	100.7	90	110	
Ag	107	1	nogas	106.284	1.080	1209609	1.14	100	106.3	90	110	
Cd	111	1	nogas	102.559	1.380	257985	2.87	100	102.6	90	110	
Sn	118	1	nogas	101.705	0.845	778436	1.71	100	101.7	90	110	
Sb	121	1	nogas	112.398	0.764	1069532	1.51	100	112.4	90	110	CCV Main CR1-2 Failed
Ba	137	1	nogas	102.752	1.300	431581	0.99	100	102.8	90	110	
Tl	205	1	nogas	100.684	2.241	2130701	0.99	100	100.7	90	110	
Pb	208	1	nogas	100.048	1.640	2996776	0.59	100	100.0	90	110	
U	238	1	nogas	100.377	1.163	3441547	0.51	100	100.4	90	110	
Li	7	1	nogas	104.581	0.429	991095	0.34	100	104.6	90	110	
Si	28	1	nogas	5114.859	2.615	3323795	0.91	5000	102.3	90	110	
Ba	135	1	nogas	101.523	1.077	245506	1.02	100	101.5	90	110	
Tl	203	1	nogas	106.982	3.079	931813	1.84	100	107.0	90	110	
Na	23	2	He	10285.390	1.634	11657975	1.08	10000	102.9	90	110	
Mg	24	2	He	10311.422	1.158	7408641	0.89	10000	103.1	90	110	
Al	27	2	He	102.868	1.580	60242	1.82	100	102.9	90	110	
K	39	2	He	10225.612	0.146	10796146	0.60	10000	102.3	90	110	
Ca	43	2	He	10215.570	2.938	33814	3.09	10000	102.2	90	110	
Ca	44	2	He	10276.213	0.596	567279	0.96	10000	102.8	90	110	
V	51	2	He	102.521	0.811	687710	0.13	100	102.5	90	110	
Cr	52	2	He	104.260	0.621	727433	1.29	100	104.3	90	110	
Mn	55	2	He	104.008	0.609	609871	1.27	100	104.0	90	110	
Fe	56	2	He	10354.508	0.339	62250944	0.62	10000	103.5	90	110	
Co	59	2	He	104.532	0.433	997145	0.84	100	104.5	90	110	
Ni	60	2	He	105.702	0.834	253215	1.50	100	105.7	90	110	
Cu	63	2	He	105.320	0.611	640473	0.48	100	105.3	90	110	
Zn	66	2	He	103.187	0.498	140288	0.55	100	103.2	90	110	
As	75	2	He	101.530	0.410	109787	0.91	100	101.5	90	110	
Sb	121	2	He	103.109	0.791	709483	1.41	100	103.1	90	110	
Se	78	2	He	102.124	0.522	11562	0.73	100	102.1	90	110	
Ti	47	2	He	101.488	1.921	29400	2.53	100	101.5	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1922159	1.30	1905656	100.87	70	120	
In	115	1	nogas	2090755	1.74	2034779	102.75	70	120	
Li	6	1	nogas	613693	0.07	676732	90.68	70	120	
Bi	209	1	nogas	1801994	1.27	1711742	105.27	70	120	
Ge	72	2	He	815936	0.68	825316	98.86	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	334_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:45:19-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.038	41.3	148	33.8	1	
B	11	1	nogas	20.222	10.6	44622	8.6	10	CCB Main CR1 Failed
Al	27	1	nogas	-1.287	-3.2	30939	0.4	5	
P	31	1	nogas	1.912	64.4	14916	5.9	10	
Ti	47	1	nogas	0.056	79.0	163	35.9	2.5	
Ni	60	1	nogas	-0.023	-96.9	430	20.7	2.5	
Cu	63	1	nogas	-0.035	-22.4	1257	4.4	2	
Zn	66	1	nogas	-0.254	-21.3	1550	10.4	2.5	
Se	77	1	nogas	-2.776	-30.8	2700	3.8	2.5	
Se	82	1	nogas	0.437	63.9	263	17.9	2	
Sr	88	1	nogas	0.086	14.3	4387	7.9	2.5	
Mo	95	1	nogas	0.476	16.2	2660	14.8	2.5	
Ag	107	1	nogas	0.020	24.8	327	19.7	2.5	
Cd	111	1	nogas	0.027	22.0	83	18.3	1	
Sn	118	1	nogas	-0.198	-18.5	4004	6.9	5	
Sb	121	1	nogas	0.367	9.0	4141	6.6	2.5	
Ba	137	1	nogas	0.100	8.9	763	6.1	2.5	
Tl	205	1	nogas	0.335	50.8	7492	50.5	1	
Pb	208	1	nogas	0.031	17.3	1600	11.3	2.5	
U	238	1	nogas	0.041	21.8	1537	21.2	2.5	
Si	28	1	nogas	-87.479	-15.9	501317	0.6	5	
Na	23	2	He	22.923	1.3	51530	0.4	100	
Mg	24	2	He	3.337	9.7	4030	6.3	100	
Al	27	2	He	-1.157	-20.0	1733	8.1	5	
K	39	2	He	-2.230	-29.5	72975	1.1	100	
Ca	43	2	He	0.851	1594.1	93	48.3	100	
Ca	44	2	He	7.123	102.3	1923	20.5	100	
V	51	2	He	-0.032	-31.0	1680	4.1	2.5	
Cr	52	2	He	0.000	1770.5	2057	0.7	2.5	
Mn	55	2	He	0.559	5.8	5484	4.0	2.5	
Fe	56	2	He	3.562	3.4	40705	1.3	100	
Co	59	2	He	0.026	33.7	397	21.7	2.5	
Ni	60	2	He	-0.035	-106.0	200	44.4	2.5	
Cu	63	2	He	-0.016	-106.9	750	14.7	2	
Zn	66	2	He	-0.579	-9.6	747	9.5	2.5	
As	75	2	He	0.146	22.0	298	11.2	2.5	
Sb	121	2	He	0.260	5.0	2157	3.5	2.5	
Se	78	2	He	0.326	160.7	297	19.7	2	
Ti	47	2	He	0.000	35337.2	13	86.6	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1984572	1.20	1905656	104.14	70	120	
In	115	1	nogas	2213227	0.97	2034779	108.77	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	659239	0.28	676732	97.41	70	120	
Bi	209	1	nogas	1877211	0.98	1711742	109.67	70	120	
Ge	72	2	He	829059	0.70	825316	100.45	70	120	

Sample Report

Sample Table

Sample Name	MBLK-161680
Data File Name	335SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:47:29-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.017	0.017	35.83	83	0.02	2000	
B	11	1	nogas	14.758	14.758	2.99	35149	0.04	2000	
Al	27	1	nogas	16.685	16.685	3.12	228688	0.01	2000	
Ti	47	1	nogas	0.122	0.122	31.63	257	0.05	2000	
Ni	60	1	nogas	0.106	0.106	29.80	937	0.01	2000	
Cu	63	1	nogas	0.258	0.258	9.35	3894	0.01	2000	
Zn	66	1	nogas	598.199	598.199	0.68	1602401	0.04	2000	
Se	77	1	nogas	-6.393	-6.393	-10.73	2247	-0.28	2000	
Se	82	1	nogas	0.269	0.269	74.18	237	0.11	2000	
Sr	88	1	nogas	0.270	0.270	5.00	9316	0.00	2000	
Mo	95	1	nogas	0.155	0.155	26.75	950	0.02	2000	
Ag	107	1	nogas	0.010	0.010	37.16	197	0.00	2000	
Cd	111	1	nogas	0.010	0.010	59.33	37	0.03	2000	
Sn	118	1	nogas	-0.358	-0.358	-4.02	2737	-0.01	2000	
Sb	121	1	nogas	0.111	0.111	5.38	1647	0.01	2000	
Ba	137	1	nogas	0.332	0.332	4.07	1803	0.02	2000	
Tl	205	1	nogas	0.025	0.025	4.19	643	0.00	2000	
Pb	208	1	nogas	0.030	0.030	13.11	1600	0.00	2000	
U	238	1	nogas	0.011	0.011	33.38	473	0.00	2000	
Si	28	1	nogas	440.509	440.509	7.64	808228	0.05	2000	
Na	23	2	He	64.493	64.493	0.72	100111	0.06	200000	
Mg	24	2	He	31.796	31.796	3.20	25000	0.13	200000	
Al	27	2	He	17.223	17.223	1.91	12341	0.14	2000	
K	39	2	He	15.388	15.388	8.55	92483	0.02	200000	
Ca	43	2	He	35.063	35.063	32.70	210	16.70	200000	
Ca	44	2	He	38.453	38.453	7.79	3707	1.04	200000	
V	51	2	He	-0.057	-0.057	-16.24	1522	0.00	2000	
Cr	52	2	He	0.240	0.240	2.44	3784	0.01	2000	
Mn	55	2	He	0.758	0.758	3.19	6721	0.01	2000	
Fe	56	2	He	13.713	13.713	0.37	103528	0.01	200000	
Co	59	2	He	0.015	0.015	21.48	297	0.01	2000	
Ni	60	2	He	0.165	0.165	26.23	693	0.02	2000	
Cu	63	2	He	0.284	0.284	9.72	2624	0.01	2000	
Zn	66	2	He	648.494	648.494	0.30	894899	0.07	2000	
As	75	2	He	0.082	0.082	51.47	229	0.04	2000	
Sb	121	2	He	0.115	0.115	15.41	1157	0.01	2000	
Se	78	2	He	0.286	0.286	102.71	295	0.10	2000	
Ti	47	2	He	0.146	0.146	35.67	57	0.26	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2008642	2.43	1905656	105.40	70	120	
In	115	1	nogas	2224368	1.51	2034779	109.32	70	120	
Li	6	1	nogas	670881	0.72	676732	99.14	70	120	

Sample Report

Bi	209	1	nogas	1884322	4.09	1711742	110.08	70	120	
Ge	72	2	He	835764	0.59	825316	101.27	70	120	

Sample Report

Sample Table

Sample Name	MBLKF1-161680
Data File Name	336SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:49:38-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.003	0.003	114.60	35	0.01	2000	
B	11	1	nogas	9.660	9.660	6.29	25574	0.04	2000	
Al	27	1	nogas	6.571	6.571	9.62	115693	0.01	2000	
Ti	47	1	nogas	0.035	0.035	53.44	133	0.03	2000	
Ni	60	1	nogas	-0.054	-0.054	-31.33	310	-0.02	2000	
Cu	63	1	nogas	1.633	1.633	6.61	15894	0.01	2000	
Zn	66	1	nogas	4.004	4.004	2.05	12761	0.03	2000	
Se	77	1	nogas	-4.841	-4.841	-25.83	2424	-0.20	2000	
Se	82	1	nogas	0.343	0.343	37.49	247	0.14	2000	
Sr	88	1	nogas	0.015	0.015	23.29	2414	0.00	2000	
Mo	95	1	nogas	0.070	0.070	19.83	470	0.01	2000	
Ag	107	1	nogas	-0.003	-0.003	-2.80	40	-0.01	2000	
Cd	111	1	nogas	-0.004	-0.004	0.00	0	#DIV/0!	2000	
Sn	118	1	nogas	-0.367	-0.367	-9.92	2550	-0.01	2000	
Sb	121	1	nogas	0.044	0.044	15.16	970	0.00	2000	
Ba	137	1	nogas	0.100	0.100	9.55	740	0.01	2000	
Tl	205	1	nogas	0.004	0.004	27.05	177	0.00	2000	
Pb	208	1	nogas	0.084	0.084	9.98	3300	0.00	2000	
U	238	1	nogas	0.001	0.001	90.28	100	0.00	2000	
Si	28	1	nogas	383.164	383.164	17.98	763115	0.05	2000	
Na	23	2	He	24.991	24.991	4.39	56400	0.04	200000	
Mg	24	2	He	15.658	15.658	3.37	13625	0.11	200000	
Al	27	2	He	6.156	6.156	3.85	6188	0.10	2000	
K	39	2	He	-4.656	-4.656	-13.19	73647	-0.01	200000	
Ca	43	2	He	-5.150	-5.150	-84.66	77	-6.72	200000	
Ca	44	2	He	-0.921	-0.921	-81.40	1543	-0.06	200000	
V	51	2	He	-0.083	-0.083	-12.15	1393	-0.01	2000	
Cr	52	2	He	-0.120	-0.120	-18.43	1260	-0.01	2000	
Mn	55	2	He	0.155	0.155	13.93	3227	0.00	2000	
Fe	56	2	He	1.153	1.153	24.34	27197	0.00	200000	
Co	59	2	He	0.001	0.001	652.67	167	0.00	2000	
Ni	60	2	He	-0.057	-0.057	-46.29	153	-0.04	2000	
Cu	63	2	He	1.576	1.576	5.37	11060	0.01	2000	
Zn	66	2	He	3.448	3.448	1.34	6538	0.05	2000	
As	75	2	He	-0.027	-0.027	-71.36	112	-0.02	2000	
Sb	121	2	He	0.056	0.056	40.40	770	0.01	2000	
Se	78	2	He	-0.159	-0.159	-197.65	253	-0.06	2000	
Ti	47	2	He	0.074	0.074	25.51	37	0.20	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1978932	4.81	1905656	103.85	70	120	
In	115	1	nogas	2138933	2.59	2034779	105.12	70	120	
Li	6	1	nogas	671503	3.91	676732	99.23	70	120	

Sample Report

Bi	209	1	nogas	1895332	1.64	1711742	110.73	70	120	
Ge	72	2	He	867419	0.27	825316	105.10	70	120	

Sample Report

Sample Table

Sample Name	LCS-161680
Data File Name	337SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:51:49-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	43.641	43.641	0.54	148178	0.03	2000	
B	11	1	nogas	9.961	9.961	1.35	26805	0.04	2000	
Al	27	1	nogas	55.004	55.004	0.89	663268	0.01	2000	
Ti	47	1	nogas	43.351	43.351	1.68	61592	0.07	2000	
Ni	60	1	nogas	46.161	46.161	1.69	184066	0.03	2000	
Cu	63	1	nogas	48.205	48.205	1.12	440800	0.01	2000	
Zn	66	1	nogas	52.740	52.740	1.23	146274	0.04	2000	
Se	77	1	nogas	41.011	41.011	2.89	8789	0.47	2000	
Se	82	1	nogas	47.021	47.021	4.52	8632	0.54	2000	
Sr	88	1	nogas	0.072	0.072	5.78	4037	0.00	2000	
Mo	95	1	nogas	42.111	42.111	2.57	227013	0.02	2000	
Ag	107	1	nogas	47.503	47.503	1.93	575586	0.01	2000	
Cd	111	1	nogas	45.317	45.317	2.29	121326	0.04	2000	
Sn	118	1	nogas	-0.521	-0.521	-3.96	1420	-0.04	2000	
Sb	121	1	nogas	48.744	48.744	1.67	495025	0.01	2000	
Ba	137	1	nogas	44.214	44.214	2.49	197894	0.02	2000	
Tl	205	1	nogas	44.663	44.663	3.68	1001545	0.00	2000	
Pb	208	1	nogas	44.224	44.224	3.11	1403982	0.00	2000	
U	238	1	nogas	0.002	0.002	101.23	160	0.00	2000	
Si	28	1	nogas	341.111	341.111	2.77	767405	0.04	2000	
Na	23	2	He	4687.590	4687.590	0.50	5658598	0.08	200000	
Mg	24	2	He	4747.546	4747.546	1.43	3624316	0.13	200000	
Al	27	2	He	52.714	52.714	1.11	34014	0.15	2000	
K	39	2	He	4643.393	4643.393	0.67	5250672	0.09	200000	
Ca	43	2	He	4434.429	4434.429	2.30	15647	28.34	200000	
Ca	44	2	He	4477.886	4477.886	0.23	263489	1.70	200000	
V	51	2	He	44.543	44.543	0.78	318522	0.01	2000	
Cr	52	2	He	45.922	45.922	1.71	341535	0.01	2000	
Mn	55	2	He	45.992	45.992	0.31	287736	0.02	2000	
Fe	56	2	He	4584.267	4584.267	0.62	29287345	0.02	200000	
Co	59	2	He	46.353	46.353	0.98	469777	0.01	2000	
Ni	60	2	He	46.180	46.180	0.72	117676	0.04	2000	
Cu	63	2	He	47.033	47.033	0.53	304318	0.02	2000	
Zn	66	2	He	53.170	53.170	1.48	77573	0.07	2000	
As	75	2	He	45.505	45.505	0.36	52348	0.09	2000	
Sb	121	2	He	45.695	45.695	0.64	334181	0.01	2000	
Se	78	2	He	47.880	47.880	0.76	5903	0.81	2000	
Ti	47	2	He	43.838	43.838	4.28	13495	0.32	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2050220	0.38	1905656	107.59	70	120	
In	115	1	nogas	2225868	1.37	2034779	109.39	70	120	
Li	6	1	nogas	687854	0.53	676732	101.64	70	120	

Sample Report

Bi	209	1	nogas	1909989	2.20	1711742	111.58	70	120	
Ge	72	2	He	866748	0.64	825316	105.02	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01
Data File Name	338SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:53:58-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.018	0.018	52.08	83	0.02	2000	
B	11	1	nogas	95.462	95.462	1.41	180990	0.05	2000	
Al	27	1	nogas	10.056	10.056	1.76	157257	0.01	2000	
Ti	47	1	nogas	2.235	2.235	10.02	3217	0.07	2000	
Ni	60	1	nogas	1.518	1.518	6.17	6491	0.02	2000	
Cu	63	1	nogas	7.345	7.345	1.36	67721	0.01	2000	
Zn	66	1	nogas	5.023	5.023	7.12	15804	0.03	2000	
Se	77	1	nogas	11.096	11.096	13.39	4634	0.24	2000	
Se	82	1	nogas	1.478	1.478	16.63	453	0.33	2000	
Sr	88	1	nogas	793.427	793.427	1.58	20549428	0.00	2000	
Mo	95	1	nogas	3.798	3.798	2.88	19931	0.02	2000	
Ag	107	1	nogas	0.010	0.010	41.38	193	0.01	2000	
Cd	111	1	nogas	0.010	0.010	87.97	37	0.03	2000	
Sn	118	1	nogas	-0.480	-0.480	-7.51	1697	-0.03	2000	
Sb	121	1	nogas	0.371	0.371	6.89	4264	0.01	2000	
Ba	137	1	nogas	497.510	497.510	2.99	2152430	0.02	2000	
Tl	205	1	nogas	0.232	0.232	43.78	5081	0.00	2000	
Pb	208	1	nogas	0.357	0.357	2.71	11442	0.00	2000	
U	238	1	nogas	0.130	0.130	6.17	4574	0.00	2000	
Si	28	1	nogas	203956.076	203956.076	1.69	117837552	0.17	2000	>LDR
Na	23	2	He	68389.349	68389.349	0.28	79476799	0.09	200000	
Mg	24	2	He	20138.812	20138.812	0.87	14860370	0.14	200000	
Al	27	2	He	10.252	10.252	6.85	8345	0.12	2000	
K	39	2	He	4274.401	4274.401	0.32	4679477	0.09	200000	
Ca	43	2	He	111075.551	111075.551	1.03	376710	29.49	200000	
Ca	44	2	He	108824.282	108824.282	0.99	6155381	1.77	200000	
V	51	2	He	0.144	0.144	19.92	2906	0.00	2000	
Cr	52	2	He	0.100	0.100	14.92	2790	0.00	2000	
Mn	55	2	He	7492.229	7492.229	0.60	44965471	0.02	2000	>LDR
Fe	56	2	He	10784.836	10784.836	0.17	66593601	0.02	200000	
Co	59	2	He	0.333	0.333	3.65	3410	0.01	2000	
Ni	60	2	He	0.987	0.987	8.02	2714	0.04	2000	
Cu	63	2	He	6.940	6.940	0.99	44150	0.02	2000	
Zn	66	2	He	4.868	4.868	3.70	8279	0.06	2000	
As	75	2	He	5.319	5.319	2.92	6039	0.09	2000	
Sb	121	2	He	0.343	0.343	8.09	2770	0.01	2000	
Se	78	2	He	0.385	0.385	37.51	307	0.13	2000	
Ti	47	2	He	0.291	0.291	80.63	100	0.29	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2025892	1.95	1905656	106.31	70	120	
In	115	1	nogas	2155160	1.58	2034779	105.92	70	120	
Li	6	1	nogas	650323	0.59	676732	96.10	70	120	
Bi	209	1	nogas	1824102	2.27	1711742	106.56	70	120	
Ge	72	2	He	838034	0.19	825316	101.54	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01SD
Data File Name	339SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:56:06-06:00
Sample Type	Sample
Dilution	5
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.010	0.052	102.15	60	0.02	2000	
B	11	1	nogas	29.333	146.666	2.68	61835	0.05	2000	
Al	27	1	nogas	1.619	8.097	5.63	63757	0.00	2000	
Ti	47	1	nogas	0.491	2.455	6.98	777	0.06	2000	
Ni	60	1	nogas	0.247	1.233	6.42	1497	0.02	2000	
Cu	63	1	nogas	1.510	7.551	3.28	15193	0.01	2000	
Zn	66	1	nogas	0.943	4.717	6.07	4807	0.02	2000	
Se	77	1	nogas	-2.309	-11.544	-104.68	2817	-0.08	2000	
Se	82	1	nogas	0.482	2.408	95.18	277	0.17	2000	
Sr	88	1	nogas	155.574	777.871	2.43	4118099	0.00	2000	
Mo	95	1	nogas	0.851	4.253	3.81	4647	0.02	2000	
Ag	107	1	nogas	-0.001	-0.005	-266.32	67	0.00	2000	
Cd	111	1	nogas	0.002	0.011	362.75	17	0.01	2000	
Sn	118	1	nogas	-0.475	-2.377	-3.40	1767	-0.03	2000	
Sb	121	1	nogas	0.152	0.761	12.48	2070	0.01	2000	
Ba	137	1	nogas	104.599	522.997	1.09	462715	0.02	2000	
Tl	205	1	nogas	0.017	0.084	24.87	457	0.00	2000	
Pb	208	1	nogas	0.069	0.347	7.09	2783	0.00	2000	
U	238	1	nogas	0.026	0.128	10.74	977	0.00	2000	
Si	28	1	nogas	40051.999	200259.994	1.08	23584959	0.17	2000	>LDR
Na	23	2	He	13556.047	67780.236	2.06	15976030	0.08	200000	
Mg	24	2	He	4030.184	20150.919	2.27	3013460	0.13	200000	
Al	27	2	He	1.330	6.650	57.90	3227	0.04	2000	
K	39	2	He	879.913	4399.563	1.22	1036969	0.08	200000	
Ca	43	2	He	21686.949	108434.745	2.64	74564	29.08	200000	
Ca	44	2	He	22335.901	111679.504	1.20	1280863	1.74	200000	
V	51	2	He	-0.013	-0.067	-76.80	1848	0.00	2000	
Cr	52	2	He	-0.006	-0.031	-303.93	2060	0.00	2000	
Mn	55	2	He	1503.170	7515.851	0.82	9140020	0.02	2000	
Fe	56	2	He	2171.090	10855.449	0.30	13594952	0.02	200000	
Co	59	2	He	0.060	0.300	11.69	747	0.01	2000	
Ni	60	2	He	0.165	0.825	20.65	703	0.02	2000	
Cu	63	2	He	1.376	6.880	3.31	9563	0.01	2000	
Zn	66	2	He	0.704	3.521	25.57	2560	0.03	2000	
As	75	2	He	1.018	5.089	5.76	1284	0.08	2000	
Sb	121	2	He	0.128	0.639	23.96	1263	0.01	2000	
Se	78	2	He	-0.020	-0.098	-938.33	264	-0.01	2000	
Ti	47	2	He	0.142	0.711	69.43	57	0.25	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2024968	0.90	1905656	106.26	70	120	
In	115	1	nogas	2201926	1.50	2034779	108.21	70	120	
Li	6	1	nogas	663430	0.36	676732	98.03	70	120	

Sample Report

Bi	209	1	nogas	1861724	3.09	1711742	108.76	70	120	
Ge	72	2	He	848897	1.19	825316	102.86	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01MS
Data File Name	340SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T00:58:14-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	43.893	43.893	0.76	142382	0.03	2000	
B	11	1	nogas	89.921	89.921	1.82	172702	0.05	2000	
Al	27	1	nogas	54.613	54.613	0.42	656499	0.01	2000	
Ti	47	1	nogas	44.903	44.903	1.05	63565	0.07	2000	
Ni	60	1	nogas	44.961	44.961	1.34	178661	0.03	2000	
Cu	63	1	nogas	45.429	45.429	0.23	414012	0.01	2000	
Zn	66	1	nogas	45.355	45.355	0.97	125653	0.04	2000	
Se	77	1	nogas	56.511	56.511	1.99	10873	0.52	2000	
Se	82	1	nogas	46.252	46.252	5.86	8462	0.55	2000	
Sr	88	1	nogas	766.877	766.877	1.00	19913357	0.00	2000	
Mo	95	1	nogas	45.952	45.952	0.96	240484	0.02	2000	
Ag	107	1	nogas	45.190	45.190	1.22	531561	0.01	2000	
Cd	111	1	nogas	44.049	44.049	1.55	114494	0.04	2000	
Sn	118	1	nogas	-0.509	-0.509	-0.37	1470	-0.03	2000	
Sb	121	1	nogas	47.389	47.389	0.77	479553	0.01	2000	
Ba	137	1	nogas	526.576	526.576	0.55	2284436	0.02	2000	
Tl	205	1	nogas	44.912	44.912	3.93	954087	0.00	2000	
Pb	208	1	nogas	43.983	43.983	4.02	1322659	0.00	2000	
U	238	1	nogas	0.123	0.123	8.57	4284	0.00	2000	
Si	28	1	nogas	195061.464	195061.464	0.83	113684485	0.17	2000	>LDR
Na	23	2	He	69703.541	69703.541	1.29	83044049	0.08	200000	
Mg	24	2	He	23529.633	23529.633	0.01	17799629	0.13	200000	
Al	27	2	He	54.091	54.091	4.08	34528	0.16	2000	
K	39	2	He	8457.420	8457.420	0.39	9415804	0.09	200000	
Ca	43	2	He	111276.905	111276.905	0.60	386906	28.76	200000	
Ca	44	2	He	108273.175	108273.175	0.49	6278440	1.72	200000	
V	51	2	He	44.062	44.062	0.21	312353	0.01	2000	
Cr	52	2	He	44.795	44.795	0.99	330298	0.01	2000	
Mn	55	2	He	7160.975	7160.975	1.29	44060883	0.02	2000	>LDR
Fe	56	2	He	14645.672	14645.672	0.36	92705692	0.02	200000	
Co	59	2	He	44.645	44.645	0.56	448509	0.01	2000	
Ni	60	2	He	44.996	44.996	0.79	113667	0.04	2000	
Cu	63	2	He	44.496	44.496	0.70	285433	0.02	2000	
Zn	66	2	He	45.333	45.333	2.30	65794	0.07	2000	
As	75	2	He	49.907	49.907	0.75	56897	0.09	2000	
Sb	121	2	He	43.671	43.671	1.72	316609	0.01	2000	
Se	78	2	He	45.973	45.973	2.44	5629	0.82	2000	
Ti	47	2	He	44.649	44.649	3.34	13625	0.33	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2042797	0.70	1905656	107.20	70	120	
In	115	1	nogas	2160439	0.37	2034779	106.18	70	120	
Li	6	1	nogas	657183	0.69	676732	97.11	70	120	
Bi	209	1	nogas	1809789	2.82	1711742	105.73	70	120	
Ge	72	2	He	859150	0.33	825316	104.10	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01MSD
Data File Name	341SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:00:21-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	44.944	44.944	1.16	146949	0.03	2000	
B	11	1	nogas	93.053	93.053	0.88	179890	0.05	2000	
Al	27	1	nogas	60.566	60.566	1.37	730023	0.01	2000	
Ti	47	1	nogas	47.039	47.039	3.04	67214	0.07	2000	
Ni	60	1	nogas	46.182	46.182	1.63	185262	0.02	2000	
Cu	63	1	nogas	47.131	47.131	1.00	433633	0.01	2000	
Zn	66	1	nogas	48.172	48.172	1.22	134626	0.04	2000	
Se	77	1	nogas	61.064	61.064	10.56	11597	0.53	2000	
Se	82	1	nogas	46.988	46.988	8.15	8679	0.54	2000	
Sr	88	1	nogas	771.068	771.068	3.74	20440912	0.00	2000	
Mo	95	1	nogas	47.666	47.666	2.76	254727	0.02	2000	
Ag	107	1	nogas	45.773	45.773	3.42	549715	0.01	2000	
Cd	111	1	nogas	44.734	44.734	5.50	118662	0.04	2000	
Sn	118	1	nogas	-0.447	-0.447	-7.78	1997	-0.02	2000	
Sb	121	1	nogas	48.749	48.749	1.23	498093	0.01	2000	
Ba	137	1	nogas	529.563	529.563	4.28	2345134	0.02	2000	
Tl	205	1	nogas	46.263	46.263	4.23	985037	0.00	2000	
Pb	208	1	nogas	45.333	45.333	3.84	1366484	0.00	2000	
U	238	1	nogas	0.132	0.132	4.44	4614	0.00	2000	
Si	28	1	nogas	201426.693	201426.693	1.45	118513245	0.17	2000	>LDR
Na	23	2	He	72182.561	72182.561	1.14	85440142	0.08	200000	
Mg	24	2	He	24363.122	24363.122	1.54	18310406	0.13	200000	
Al	27	2	He	59.857	59.857	1.65	37701	0.16	2000	
K	39	2	He	8817.984	8817.984	1.13	9750380	0.09	200000	
Ca	43	2	He	116138.909	116138.909	1.07	401194	28.95	200000	
Ca	44	2	He	111989.843	111989.843	1.14	6451909	1.74	200000	
V	51	2	He	46.276	46.276	0.80	325833	0.01	2000	
Cr	52	2	He	46.630	46.630	0.61	341526	0.01	2000	
Mn	55	2	He	7463.815	7463.815	0.53	45627899	0.02	2000	>LDR
Fe	56	2	He	15296.000	15296.000	0.91	96195189	0.02	200000	
Co	59	2	He	46.277	46.277	1.92	461875	0.01	2000	
Ni	60	2	He	46.399	46.399	1.18	116444	0.04	2000	
Cu	63	2	He	46.210	46.210	1.47	294469	0.02	2000	
Zn	66	2	He	48.987	48.987	1.29	70518	0.07	2000	
As	75	2	He	52.240	52.240	1.12	59165	0.09	2000	
Sb	121	2	He	46.546	46.546	0.74	335260	0.01	2000	
Se	78	2	He	48.550	48.550	0.91	5892	0.82	2000	
Ti	47	2	He	46.113	46.113	3.73	13979	0.33	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2062901	1.95	1905656	108.25	70	120	
In	115	1	nogas	2207661	3.80	2034779	108.50	70	120	
Li	6	1	nogas	662440	1.37	676732	97.89	70	120	
Bi	209	1	nogas	1814114	2.97	1711742	105.98	70	120	
Ge	72	2	He	853653	1.05	825316	103.43	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01PDS
Data File Name	342SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:02:29-06:00
Sample Type	Sample
Dilution	1
Comment	DISS B161680 FeMn
ISTD Ref FileName	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	90.440	90.440	0.91	293441	0.03	2000	
B	11	1	nogas	92.358	92.358	0.63	177248	0.05	2000	
Al	27	1	nogas	99.307	99.307	1.77	1176934	0.01	2000	
Ti	47	1	nogas	89.128	89.128	2.33	128361	0.07	2000	
Ni	60	1	nogas	88.668	88.668	1.59	358196	0.02	2000	
Cu	63	1	nogas	91.776	91.776	1.58	849912	0.01	2000	
Zn	66	1	nogas	91.642	91.642	1.15	256139	0.04	2000	
Se	77	1	nogas	106.772	106.772	3.99	18056	0.59	2000	
Se	82	1	nogas	96.141	96.141	1.84	17702	0.54	2000	
Sr	88	1	nogas	767.354	767.354	0.28	19937668	0.00	2000	
Mo	95	1	nogas	92.045	92.045	1.11	481896	0.02	2000	
Ag	107	1	nogas	89.561	89.561	1.12	1053968	0.01	2000	
Cd	111	1	nogas	90.009	90.009	2.38	234071	0.04	2000	
Sn	118	1	nogas	-0.461	-0.461	-1.30	1850	-0.02	2000	
Sb	121	1	nogas	94.874	94.874	1.32	976975	0.01	2000	
Ba	137	1	nogas	565.110	565.110	1.03	2453234	0.02	2000	
Tl	205	1	nogas	88.791	88.791	2.76	1873117	0.00	2000	
Pb	208	1	nogas	89.490	89.490	4.91	2670915	0.00	2000	
U	238	1	nogas	0.121	0.121	8.53	4197	0.00	2000	
Si	28	1	nogas	194540.392	194540.392	0.25	115446828	0.17	2000	>LDR
Na	23	2	He	73370.174	73370.174	0.19	88363919	0.08	200000	
Mg	24	2	He	27949.803	27949.803	0.14	21373479	0.13	200000	
Al	27	2	He	98.567	98.567	0.56	61546	0.16	2000	
K	39	2	He	13333.908	13333.908	0.68	14960953	0.09	200000	
Ca	43	2	He	115945.284	115945.284	0.84	407528	28.45	200000	
Ca	44	2	He	111545.035	111545.035	1.25	6538735	1.71	200000	
V	51	2	He	90.738	90.738	0.26	648147	0.01	2000	
Cr	52	2	He	91.286	91.286	0.47	678197	0.01	2000	
Mn	55	2	He	7178.563	7178.563	0.94	44648988	0.02	2000	>LDR
Fe	56	2	He	19236.658	19236.658	0.65	123086038	0.02	200000	
Co	59	2	He	90.898	90.898	0.24	922977	0.01	2000	
Ni	60	2	He	89.826	89.826	1.47	229081	0.04	2000	
Cu	63	2	He	91.041	91.041	0.82	589440	0.02	2000	
Zn	66	2	He	92.902	92.902	1.39	134605	0.07	2000	
As	75	2	He	97.809	97.809	0.28	112584	0.09	2000	
Sb	121	2	He	89.141	89.141	0.02	652923	0.01	2000	
Se	78	2	He	94.803	94.803	1.27	11445	0.83	2000	
Ti	47	2	He	88.687	88.687	1.32	27347	0.32	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2079931	0.38	1905656	109.15	70	120	
In	115	1	nogas	2161723	1.10	2034779	106.24	70	120	
Li	6	1	nogas	657356	0.68	676732	97.14	70	120	
Bi	209	1	nogas	1796886	2.77	1711742	104.97	70	120	
Ge	72	2	He	868513	0.25	825316	105.23	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	343_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:04:36-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	99.352	0.624	307387	0.63	100	99.4	90	110	
B	11	1	nogas	529.225	1.086	935703	1.69	500	105.8	90	110	
Al	27	1	nogas	100.134	1.448	1163969	1.07	100	100.1	90	110	
P	31	1	nogas	490.810	2.429	355852	1.09	500	98.2	90	110	
Ti	47	1	nogas	97.969	2.034	138415	0.71	100	98.0	90	110	
Ni	60	1	nogas	100.996	1.703	400215	1.10	100	101.0	90	110	
Cu	63	1	nogas	103.745	1.780	942424	1.61	100	103.7	90	110	
Zn	66	1	nogas	99.923	2.126	273821	2.26	100	99.9	90	110	
Se	77	1	nogas	99.762	5.261	16755	2.64	100	99.8	90	110	
Se	82	1	nogas	102.478	2.696	18496	1.23	100	102.5	90	110	
Sr	88	1	nogas	101.037	2.030	2631025	0.67	100	101.0	90	110	
Mo	95	1	nogas	100.460	1.700	526788	1.68	100	100.5	90	110	
Ag	107	1	nogas	104.899	2.116	1236446	1.50	100	104.9	90	110	
Cd	111	1	nogas	101.722	2.851	264959	2.60	100	101.7	90	110	
Sn	118	1	nogas	99.970	1.829	792512	1.33	100	100.0	90	110	
Sb	121	1	nogas	109.053	1.745	1101639	0.80	100	109.1	90	110	
Ba	137	1	nogas	100.638	1.647	437806	0.75	100	100.6	90	110	
Tl	205	1	nogas	101.692	3.996	2130352	1.51	100	101.7	90	110	
Pb	208	1	nogas	101.478	3.682	3008963	1.12	100	101.5	90	110	
U	238	1	nogas	101.087	3.560	3430936	1.14	100	101.1	90	110	
Li	7	1	nogas	103.399	0.531	1001427	0.81	100	103.4	90	110	
Si	28	1	nogas	5001.640	3.062	3463234	0.94	5000	100.0	90	110	
Ba	135	1	nogas	98.596	2.352	246930	1.26	100	98.6	90	110	
Tl	203	1	nogas	108.367	3.911	934447	1.39	100	108.4	90	110	
Na	23	2	He	10050.169	0.435	11751406	0.71	10000	100.5	90	110	
Mg	24	2	He	10126.149	1.036	7504782	0.95	10000	101.3	90	110	
Al	27	2	He	99.678	1.745	60289	2.17	100	99.7	90	110	
K	39	2	He	9955.782	1.054	10843907	0.53	10000	99.6	90	110	
Ca	43	2	He	10234.077	2.981	34946	3.66	10000	102.3	90	110	
Ca	44	2	He	10100.472	0.344	575157	0.53	10000	101.0	90	110	
V	51	2	He	100.463	0.165	695187	0.64	100	100.5	90	110	
Cr	52	2	He	102.853	1.030	740215	1.07	100	102.9	90	110	
Mn	55	2	He	104.034	0.386	629213	0.66	100	104.0	90	110	
Fe	56	2	He	10136.380	0.168	62860579	0.97	10000	101.4	90	110	
Co	59	2	He	103.022	0.193	1013714	0.98	100	103.0	90	110	
Ni	60	2	He	104.136	1.416	257297	0.64	100	104.1	90	110	
Cu	63	2	He	103.595	0.959	649830	0.73	100	103.6	90	110	
Zn	66	2	He	100.990	0.896	141655	0.18	100	101.0	90	110	
As	75	2	He	100.451	1.039	112042	1.19	100	100.5	90	110	
Sb	121	2	He	102.274	0.387	725868	0.44	100	102.3	90	110	
Se	78	2	He	102.386	2.119	11957	2.26	100	102.4	90	110	
Ti	47	2	He	100.094	2.815	29911	3.46	100	100.1	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2040923	1.71	1905656	107.10	70	120	
In	115	1	nogas	2165428	1.36	2034779	106.42	70	120	
Li	6	1	nogas	626881	1.08	676732	92.63	70	120	
Bi	209	1	nogas	1784736	2.61	1711742	104.26	70	120	
Ge	72	2	He	841638	0.80	825316	101.98	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	344_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:06:44-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.044	34.4	170	29.4	1	
B	11	1	nogas	18.890	11.5	42679	9.3	10	CCB Main CR1 Failed
Al	27	1	nogas	-1.381	-4.6	30308	1.8	5	
P	31	1	nogas	0.310	126.1	14009	0.8	10	
Ti	47	1	nogas	0.057	45.2	167	21.1	2.5	
Ni	60	1	nogas	-0.013	-86.8	473	9.8	2.5	
Cu	63	1	nogas	-0.022	-130.4	1390	18.4	2	
Zn	66	1	nogas	-0.253	-18.8	1570	8.3	2.5	
Se	77	1	nogas	-5.547	-6.1	2364	2.0	2.5	
Se	82	1	nogas	0.305	99.6	243	21.1	2	
Sr	88	1	nogas	0.085	8.7	4307	4.8	2.5	
Mo	95	1	nogas	0.595	11.5	3260	9.7	2.5	
Ag	107	1	nogas	0.031	21.8	450	16.8	2.5	
Cd	111	1	nogas	0.019	20.6	60	16.7	1	
Sn	118	1	nogas	-0.209	-14.2	3877	4.8	5	
Sb	121	1	nogas	0.548	9.3	5991	8.2	2.5	
Ba	137	1	nogas	0.097	23.1	743	14.3	2.5	
Tl	205	1	nogas	0.323	49.4	7175	50.0	1	
Pb	208	1	nogas	0.034	26.7	1697	17.9	2.5	
U	238	1	nogas	0.038	16.5	1430	17.0	2.5	
Si	28	1	nogas	-47.220	-26.5	530852	0.1	5	
Na	23	2	He	23.161	2.9	52786	1.5	100	
Mg	24	2	He	3.190	3.5	3997	2.8	100	
Al	27	2	He	-1.395	-13.3	1627	5.7	5	
K	39	2	He	-2.867	-63.0	73661	2.2	100	
Ca	43	2	He	-2.610	-233.6	83	25.0	100	
Ca	44	2	He	3.098	153.5	1733	16.3	100	
V	51	2	He	-0.063	-12.0	1497	4.6	2.5	
Cr	52	2	He	0.023	32.5	2264	2.6	2.5	
Mn	55	2	He	0.714	9.2	6525	5.6	2.5	
Fe	56	2	He	4.449	4.1	47003	2.9	100	
Co	59	2	He	0.024	38.8	383	23.7	2.5	
Ni	60	2	He	-0.043	-63.2	183	35.5	2.5	
Cu	63	2	He	0.001	4178.1	870	25.9	2	
Zn	66	2	He	-0.569	-22.2	773	22.3	2.5	
As	75	2	He	0.197	31.1	360	17.7	2.5	
Sb	121	2	He	0.461	8.3	3634	8.6	2.5	
Se	78	2	He	0.480	27.6	320	4.4	2	
Ti	47	2	He	-0.001	-2934.3	13	43.3	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2010569	1.48	1905656	105.51	70	120	
In	115	1	nogas	2189019	1.35	2034779	107.58	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	667367	0.46	676732	98.62	70	120	
Bi	209	1	nogas	1860044	1.24	1711742	108.66	70	120	
Ge	72	2	He	844807	1.22	825316	102.36	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	355_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:30:29-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	95.239	0.354	284316	0.33	100	95.2	90	110	
B	11	1	nogas	504.035	1.530	860130	1.43	500	100.8	90	110	
Al	27	1	nogas	97.210	1.864	1063017	1.50	100	97.2	90	110	
P	31	1	nogas	474.831	1.058	323946	0.41	500	95.0	90	110	
Ti	47	1	nogas	96.004	2.183	127468	2.26	100	96.0	90	110	
Ni	60	1	nogas	97.682	1.012	363747	1.06	100	97.7	90	110	
Cu	63	1	nogas	100.948	1.572	861711	1.59	100	100.9	90	110	
Zn	66	1	nogas	97.318	1.907	250635	2.08	100	97.3	90	110	
Se	77	1	nogas	96.635	6.477	15343	4.24	100	96.6	90	110	
Se	82	1	nogas	95.883	3.066	16274	2.50	100	95.9	90	110	
Sr	88	1	nogas	95.845	1.425	2411064	1.96	100	95.8	90	110	
Mo	95	1	nogas	94.477	1.367	478468	0.78	100	94.5	90	110	
Ag	107	1	nogas	100.798	1.877	1147515	1.30	100	100.8	90	110	
Cd	111	1	nogas	96.900	1.426	243772	0.85	100	96.9	90	110	
Sn	118	1	nogas	95.681	2.202	732793	1.62	100	95.7	90	110	
Sb	121	1	nogas	106.651	2.134	1012361	1.71	100	106.7	90	110	
Ba	137	1	nogas	97.072	1.776	407875	1.30	100	97.1	90	110	
Tl	205	1	nogas	95.759	6.212	2006654	3.26	100	95.8	90	110	
Pb	208	1	nogas	95.780	2.534	2842970	1.02	100	95.8	90	110	
U	238	1	nogas	95.162	3.858	3232053	0.63	100	95.2	90	110	
Li	7	1	nogas	99.006	0.328	926999	0.31	100	99.0	90	110	
Si	28	1	nogas	4778.572	2.283	3133018	0.86	5000	95.6	90	110	
Ba	135	1	nogas	96.301	2.400	232954	1.84	100	96.3	90	110	
Tl	203	1	nogas	102.541	5.090	884632	1.70	100	102.5	90	110	
Na	23	2	He	9622.378	2.492	10883051	1.10	10000	96.2	90	110	
Mg	24	2	He	9753.328	0.945	6992611	0.98	10000	97.5	90	110	
Al	27	2	He	94.001	0.680	55133	1.49	100	94.0	90	110	
K	39	2	He	9495.627	0.801	10008698	0.68	10000	95.0	90	110	
Ca	43	2	He	9400.123	2.027	31056	2.58	10000	94.0	90	110	
Ca	44	2	He	9622.271	1.114	530103	0.98	10000	96.2	90	110	
V	51	2	He	95.940	0.735	642293	0.73	100	95.9	90	110	
Cr	52	2	He	98.326	0.838	684612	0.56	100	98.3	90	110	
Mn	55	2	He	98.186	1.313	574576	1.35	100	98.2	90	110	
Fe	56	2	He	9773.187	0.636	58628894	0.76	10000	97.7	90	110	
Co	59	2	He	98.917	0.234	941568	1.28	100	98.9	90	110	
Ni	60	2	He	99.824	1.175	238609	0.59	100	99.8	90	110	
Cu	63	2	He	99.551	0.278	604139	1.11	100	99.6	90	110	
Zn	66	2	He	98.215	0.222	133320	1.46	100	98.2	90	110	
As	75	2	He	96.417	0.519	104047	1.90	100	96.4	90	110	
Sb	121	2	He	98.494	0.528	676267	1.28	100	98.5	90	110	
Se	78	2	He	96.634	1.391	10931	1.95	100	96.6	90	110	
Ti	47	2	He	94.390	3.542	27277	2.44	100	94.4	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1917579	1.05	1905656	100.63	70	120	
In	115	1	nogas	2091305	0.61	2034779	102.78	70	120	
Li	6	1	nogas	604840	0.08	676732	89.38	70	120	
Bi	209	1	nogas	1786473	3.49	1711742	104.37	70	120	
Ge	72	2	He	814197	1.38	825316	98.65	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	356_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T01:32:40-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.028	25.9	115	19.9	1	
B	11	1	nogas	17.649	11.4	39093	8.7	10	CCB Main CR1 Failed
Al	27	1	nogas	-1.483	-2.7	28391	1.1	5	
P	31	1	nogas	2.086	52.1	14813	4.5	10	
Ti	47	1	nogas	0.055	13.6	160	6.3	2.5	
Ni	60	1	nogas	-0.021	-105.9	430	20.1	2.5	
Cu	63	1	nogas	-0.040	-35.9	1197	10.4	2	
Zn	66	1	nogas	-0.319	-23.4	1357	13.9	2.5	
Se	77	1	nogas	-4.783	-39.1	2400	10.8	2.5	
Se	82	1	nogas	0.670	68.7	300	27.3	2	
Sr	88	1	nogas	0.091	21.6	4481	9.7	2.5	
Mo	95	1	nogas	0.387	23.2	2164	19.9	2.5	
Ag	107	1	nogas	0.022	4.4	337	1.7	2.5	
Cd	111	1	nogas	0.029	47.8	87	40.5	1	
Sn	118	1	nogas	-0.203	-31.2	3931	11.3	5	
Sb	121	1	nogas	0.350	9.1	3917	8.4	2.5	
Ba	137	1	nogas	0.087	21.8	700	10.0	2.5	
Tl	205	1	nogas	0.323	46.2	7089	48.5	1	
Pb	208	1	nogas	0.026	24.2	1430	16.5	2.5	
U	238	1	nogas	0.041	42.5	1510	43.4	2.5	
Si	28	1	nogas	-83.330	-7.5	496392	0.3	5	
Na	23	2	He	18.938	1.0	46253	1.0	100	
Mg	24	2	He	3.873	10.8	4354	6.4	100	
Al	27	2	He	-1.530	-20.2	1497	11.1	5	
K	39	2	He	-4.432	-54.5	69568	3.1	100	
Ca	43	2	He	15.418	99.2	140	35.7	100	
Ca	44	2	He	7.619	57.6	1923	12.3	100	
V	51	2	He	-0.062	-14.0	1455	4.1	2.5	
Cr	52	2	He	-0.006	-672.4	1980	14.5	2.5	
Mn	55	2	He	0.696	2.7	6208	2.3	2.5	
Fe	56	2	He	3.430	0.7	39309	0.8	100	
Co	59	2	He	0.028	34.3	410	21.7	2.5	
Ni	60	2	He	-0.046	-63.8	170	42.4	2.5	
Cu	63	2	He	-0.018	-147.8	727	22.7	2	
Zn	66	2	He	-0.618	-4.2	683	4.7	2.5	
As	75	2	He	0.096	17.3	239	7.0	2.5	
Sb	121	2	He	0.263	14.2	2147	11.6	2.5	
Se	78	2	He	0.060	502.5	263	12.1	2	
Ti	47	2	He	0.104	105.5	43	74.2	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1955812	0.92	1905656	102.63	70	120	
In	115	1	nogas	2197102	1.90	2034779	107.98	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	646494	0.61	676732	95.53	70	120	
Bi	209	1	nogas	1827931	2.83	1711742	106.79	70	120	
Ge	72	2	He	816722	0.59	825316	98.96	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	380_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:25:14-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	91.596	0.647	282530	0.31	100	91.6	90	110	
B	11	1	nogas	492.870	1.825	869172	1.50	500	98.6	90	110	
Al	27	1	nogas	96.186	1.751	1134802	0.40	100	96.2	90	110	
P	31	1	nogas	457.416	2.144	337050	0.80	500	91.5	90	110	
Ti	47	1	nogas	93.877	2.720	134403	1.31	100	93.9	90	110	
Ni	60	1	nogas	95.543	2.628	383660	1.46	100	95.5	90	110	
Cu	63	1	nogas	98.251	2.114	904442	0.72	100	98.3	90	110	
Zn	66	1	nogas	95.037	3.252	263961	1.93	100	95.0	90	110	
Se	77	1	nogas	94.189	8.612	16207	5.82	100	94.2	90	110	
Se	82	1	nogas	95.509	1.201	17485	1.02	100	95.5	90	110	
Sr	88	1	nogas	94.352	1.780	2550065	1.23	100	94.4	90	110	
Mo	95	1	nogas	91.256	0.944	496624	1.25	100	91.3	90	110	
Ag	107	1	nogas	97.509	1.474	1192840	1.36	100	97.5	90	110	
Cd	111	1	nogas	93.742	2.316	253420	2.60	100	93.7	90	110	
Sn	118	1	nogas	92.439	0.965	760970	1.17	100	92.4	90	110	
Sb	121	1	nogas	101.976	2.364	1043896	1.04	100	102.0	90	110	
Ba	137	1	nogas	92.883	1.542	419398	1.85	100	92.9	90	110	
Tl	205	1	nogas	93.058	4.059	2052324	1.39	100	93.1	90	110	
Pb	208	1	nogas	92.397	3.964	2884062	0.75	100	92.4	90	110	
U	238	1	nogas	92.743	4.262	3313228	1.01	100	92.7	90	110	
Li	7	1	nogas	95.433	0.437	924833	0.50	100	95.4	90	110	
Si	28	1	nogas	4595.710	3.291	3271295	1.30	5000	91.9	90	110	
Ba	135	1	nogas	93.164	1.144	242189	1.45	100	93.2	90	110	
Tl	203	1	nogas	99.003	4.520	898598	1.33	100	99.0	90	110	
Na	23	2	He	9271.032	1.379	10865994	0.53	10000	92.7	90	110	
Mg	24	2	He	9322.453	1.711	6924446	1.17	10000	93.2	90	110	
Al	27	2	He	94.300	1.373	57290	0.79	100	94.3	90	110	
K	39	2	He	9242.729	1.177	10095353	0.79	10000	92.4	90	110	
Ca	43	2	He	9151.671	3.560	31320	2.70	10000	91.5	90	110	
Ca	44	2	He	9325.672	0.770	532336	0.32	10000	93.3	90	110	
V	51	2	He	94.137	0.684	652983	0.51	100	94.1	90	110	
Cr	52	2	He	96.518	0.759	696305	0.72	100	96.5	90	110	
Mn	55	2	He	95.348	0.454	578160	0.83	100	95.3	90	110	
Fe	56	2	He	9507.528	0.570	59093136	0.82	10000	95.1	90	110	
Co	59	2	He	96.997	0.685	956551	0.67	100	97.0	90	110	
Ni	60	2	He	97.626	1.190	241778	0.62	100	97.6	90	110	
Cu	63	2	He	98.486	0.244	619236	0.84	100	98.5	90	110	
Zn	66	2	He	95.179	1.275	133897	1.22	100	95.2	90	110	
As	75	2	He	94.302	0.994	105424	0.61	100	94.3	90	110	
Sb	121	2	He	95.457	0.445	679038	0.71	100	95.5	90	110	
Se	78	2	He	93.564	2.360	10973	1.78	100	93.6	90	110	
Ti	47	2	He	92.922	1.130	27828	1.32	100	92.9	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2068155	1.40	1905656	108.53	70	120	
In	115	1	nogas	2247107	0.55	2034779	110.43	70	120	
Li	6	1	nogas	624951	0.34	676732	92.35	70	120	
Bi	209	1	nogas	1879191	3.33	1711742	109.78	70	120	
Ge	72	2	He	843540	1.05	825316	102.21	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	381_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:27:27-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.034	27.3	135	22.2	1	
B	11	1	nogas	11.274	12.8	28032	9.1	10	CCB Main CR1 Failed
Al	27	1	nogas	-0.013	-663.2	46972	0.8	5	
P	31	1	nogas	-2.812	-32.2	12288	4.0	10	
Ti	47	1	nogas	1.109	170.0	1710	161.1	2.5	
Ni	60	1	nogas	-0.006	-481.4	517	22.4	2.5	
Cu	63	1	nogas	0.022	65.6	1853	6.5	2	
Zn	66	1	nogas	-0.252	-20.8	1630	9.9	2.5	
Se	77	1	nogas	-4.274	-105.7	2620	22.7	2.5	
Se	82	1	nogas	0.238	73.2	240	12.5	2	
Sr	88	1	nogas	0.048	16.6	3490	6.3	2.5	
Mo	95	1	nogas	0.374	28.8	2197	27.2	2.5	
Ag	107	1	nogas	0.032	23.4	483	19.2	2.5	
Cd	111	1	nogas	0.031	33.8	97	29.9	1	
Sn	118	1	nogas	-0.232	-7.3	3877	3.7	5	
Sb	121	1	nogas	0.294	11.6	3590	10.7	2.5	
Ba	137	1	nogas	0.083	11.5	713	6.3	2.5	
Tl	205	1	nogas	0.319	52.3	7462	54.6	1	
Pb	208	1	nogas	0.053	5.8	2397	6.8	2.5	
U	238	1	nogas	0.041	37.3	1613	38.6	2.5	
Si	28	1	nogas	-49.403	-36.9	548558	1.0	5	
Na	23	2	He	10.855	4.9	38613	1.5	100	
Mg	24	2	He	2.632	7.0	3604	3.5	100	
Al	27	2	He	0.230	234.5	2590	12.3	5	
K	39	2	He	-6.344	-9.3	70325	0.5	100	
Ca	43	2	He	6.888	215.0	117	44.0	100	
Ca	44	2	He	2.642	90.5	1717	7.9	100	
V	51	2	He	-0.072	-13.0	1440	4.9	2.5	
Cr	52	2	He	-0.017	-149.1	1983	8.9	2.5	
Mn	55	2	He	0.166	27.2	3230	8.8	2.5	
Fe	56	2	He	5.584	2.9	54393	1.7	100	
Co	59	2	He	0.027	48.4	420	31.0	2.5	
Ni	60	2	He	-0.033	-49.6	210	19.0	2.5	
Cu	63	2	He	0.022	22.8	1007	3.5	2	
Zn	66	2	He	-0.626	-21.4	700	27.1	2.5	
As	75	2	He	0.152	19.2	312	10.9	2.5	
Sb	121	2	He	0.224	9.7	1957	8.2	2.5	
Se	78	2	He	0.267	82.5	297	8.4	2	
Ti	47	2	He	0.032	156.9	23	65.5	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2082546	1.26	1905656	109.28	70	120	
In	115	1	nogas	2299184	0.34	2034779	112.99	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	657525	0.40	676732	97.16	70	120	
Bi	209	1	nogas	1948663	3.03	1711742	113.84	70	120	
Ge	72	2	He	850026	0.38	825316	102.99	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV2
Data File Name	383LCV2.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:32:01-06:00
Sample Type	LLCCV2
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	1.793	1.664	5836	2.22	2	89.6	70	120	
B	11	1	nogas	14.463	0.459	33866	0.97	10	144.6	70	120	NewName Main CR1 Failed
Al	27	1	nogas	2.145	3.968	70919	2.52	2	107.3	70	120	
P	31	1	nogas	5.732	8.324	18199	2.38	10	57.3	70	120	NewName Main CR1 Failed
Ti	47	1	nogas	1.784	5.314	2637	4.49	2	89.2	70	120	
Ni	60	1	nogas	1.997	5.528	8529	4.79	2	99.9	70	120	
Cu	63	1	nogas	2.117	1.539	21039	0.40	2	105.8	70	120	
Zn	66	1	nogas	1.509	4.074	6451	1.68	2	75.4	70	120	
Se	77	1	nogas	-2.092	-103.476	2900	9.26	2	-104.6	70	120	NewName Main CR1 Failed
Se	82	1	nogas	1.747	42.547	510	25.94	2	87.3	70	120	
Sr	88	1	nogas	1.929	2.463	55753	0.92	2	96.5	70	120	
Mo	95	1	nogas	1.737	0.992	9840	3.06	2	86.9	70	120	
Ag	107	1	nogas	1.953	1.840	24651	1.16	2	97.7	70	120	
Cd	111	1	nogas	1.787	1.314	4981	3.48	2	89.4	70	120	
Sn	118	1	nogas	1.370	1.322	17362	2.31	2	68.5	70	120	NewName Main CR1 Failed
Sb	121	1	nogas	2.052	6.794	21497	5.70	2	102.6	70	120	
Ba	137	1	nogas	1.822	5.384	8786	5.32	2	91.1	70	120	
Tl	205	1	nogas	1.945	1.738	43618	1.76	2	97.3	70	120	
Pb	208	1	nogas	1.899	3.852	60755	2.63	2	94.9	70	120	
Pb	206	1	nogas	1.831	5.416	14937	3.72	2	91.5	70	120	
Pb	207	1	nogas	1.900	4.645	13609	3.17	2	95.0	70	120	
U	238	1	nogas	1.881	2.650	68228	1.66	2	94.0	70	120	
Li	7	1	nogas	1.926	6.428	64801	1.22	2	96.3	70	120	
Ba	135	1	nogas	1.773	7.123	4947	5.75	2	88.6	70	120	
Tl	203	1	nogas	2.023	1.917	18641	0.38	2	101.1	70	120	
Na	23	2	He	207.535	0.856	270429	1.82	200	103.8	70	120	
Mg	24	2	He	202.717	1.245	153351	0.34	200	101.4	70	120	
Al	27	2	He	2.259	14.912	3780	5.72	2	112.9	70	120	
K	39	2	He	189.751	1.769	284546	0.33	200	94.9	70	120	
Ca	43	2	He	198.943	22.262	777	19.33	200	99.5	70	120	
Ca	44	2	He	181.754	2.247	11991	1.42	200	90.9	70	120	
V	51	2	He	1.798	2.384	14481	3.44	2	89.9	70	120	
Cr	52	2	He	2.063	1.963	17061	1.02	2	103.2	70	120	
Mn	55	2	He	2.067	1.071	14803	1.06	2	103.3	70	120	
Fe	56	2	He	212.336	1.039	1349038	0.47	200	106.2	70	120	
Co	59	2	He	1.923	3.228	19254	1.83	2	96.1	70	120	
Ni	60	2	He	2.051	2.658	5404	2.00	2	102.5	70	120	
Cu	63	2	He	2.011	2.256	13592	1.61	2	100.5	70	120	
Zn	66	2	He	1.326	13.005	3437	8.07	2	66.3	70	120	NewName Main CR1 Failed
As	75	2	He	1.846	5.396	2217	3.66	2	92.3	70	120	
Se	77	2	He	1.817	82.740	107	51.63	2	90.8	70	120	
Sb	121	2	He	1.976	0.263	14513	1.64	2	98.8	70	120	
Se	78	2	He	1.870	22.460	483	11.04	2	93.5	70	120	
Ti	47	2	He	1.876	8.447	580	9.60	2	93.8	70	120	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2063487	1.19	1905656	108.28	70	120	
In	115	1	nogas	2310902	2.20	2034779	113.57	70	120	
Li	6	1	nogas	656663	0.67	676732	97.03	70	120	
Bi	209	1	nogas	1905188	1.73	1711742	111.30	70	120	
Ge	72	2	He	850168	1.39	825316	103.01	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV5
Data File Name	384LCV5.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:34:18-06:00
Sample Type	LLCCV5
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	4.280	2.293	13875	2.25	5	85.6	70	130	
B	11	1	nogas	28.554	1.542	59682	1.66	25	114.2	70	130	
Al	27	1	nogas	4.958	3.141	101804	2.39	5	99.2	70	130	
P	31	1	nogas	21.211	6.749	28846	0.82	25	84.8	70	130	
Ti	47	1	nogas	4.645	3.157	6665	1.48	5	92.9	70	130	
Ni	60	1	nogas	4.723	3.118	19284	4.87	5	94.5	70	130	
Cu	63	1	nogas	4.986	3.346	46940	1.26	5	99.7	70	130	
Zn	66	1	nogas	4.473	3.754	14473	1.96	5	89.5	70	130	
Se	77	1	nogas	-0.910	-164.536	3044	9.35	5	-18.2	70	130	NewName Main CR1 Failed
Se	82	1	nogas	3.928	6.027	897	4.22	5	78.6	70	130	
Sr	88	1	nogas	4.775	2.443	133178	0.86	5	95.5	70	130	
Mo	95	1	nogas	4.278	4.399	23759	2.49	5	85.6	70	130	
Ag	107	1	nogas	4.722	3.008	58767	1.51	5	94.4	70	130	
Cd	111	1	nogas	4.620	3.392	12698	1.52	5	92.4	70	130	
Sn	118	1	nogas	4.071	3.405	39571	1.64	5	81.4	70	130	
Sb	121	1	nogas	5.048	0.659	51669	2.28	5	101.0	70	130	
Ba	137	1	nogas	4.473	3.103	20833	1.70	5	89.5	70	130	
Tl	205	1	nogas	4.677	5.515	106557	0.79	5	93.5	70	130	
Pb	208	1	nogas	4.528	6.219	146497	1.41	5	90.6	70	130	
U	238	1	nogas	4.532	5.831	167173	1.17	5	90.6	70	130	
Li	7	1	nogas	4.502	1.195	89656	0.38	5	90.0	70	130	
Si	28	1	nogas	186.543	21.813	675824	0.66	25	746.2	70	130	NewName Main CR1 Failed
Na	23	2	He	500.314	0.553	614435	0.97	500	100.1	70	130	
Mg	24	2	He	495.724	0.931	372033	0.32	500	99.1	70	130	
Al	27	2	He	5.292	8.937	5551	6.03	5	105.8	70	130	
K	39	2	He	473.975	0.909	594078	0.68	500	94.8	70	130	
Ca	43	2	He	491.089	8.333	1780	8.92	500	98.2	70	130	
Ca	44	2	He	465.744	1.393	28235	1.25	500	93.1	70	130	
V	51	2	He	4.525	0.557	33432	1.67	5	90.5	70	130	
Cr	52	2	He	4.785	1.275	36733	2.17	5	95.7	70	130	
Mn	55	2	He	4.590	1.337	30118	2.21	5	91.8	70	130	
Fe	56	2	He	489.749	2.133	3080998	1.85	500	97.9	70	130	
Co	59	2	He	4.841	2.200	48186	3.36	5	96.8	70	130	
Ni	60	2	He	4.945	2.266	12601	2.57	5	98.9	70	130	
Cu	63	2	He	5.024	2.083	32603	1.62	5	100.5	70	130	
Zn	66	2	He	4.174	3.530	7415	3.95	5	83.5	70	130	
As	75	2	He	4.602	5.694	5312	6.34	5	92.0	70	130	
Sb	121	2	He	4.734	2.379	34214	2.36	5	94.7	70	130	
Se	78	2	He	4.861	2.400	826	1.98	5	97.2	70	130	
Ti	47	2	He	4.414	12.430	1343	12.69	5	88.3	70	130	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2046653	2.86	1905656	107.40	70	120	
In	115	1	nogas	2283665	1.92	2034779	112.23	70	120	
Li	6	1	nogas	655700	0.34	676732	96.89	70	120	
Bi	209	1	nogas	1941457	4.89	1711742	113.42	70	120	
Ge	72	2	He	848746	1.20	825316	102.84	70	120	

Interference Check Solution A (ICS-A) Report

Sample Table

Sample Name	ICSA
Data File Name	385ICSA.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:36:34-06:00
Sample Type	ICSA
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.004	199.1	33	60.6	0	ICSA Main CR1 Failed
B	11	1	nogas	6.450	6.8	17099	3.7	0	ICSA Main CR1 Failed
Al	27	1	nogas	85530.368	1.0	907038013	0.7	0	
P	31	1	nogas	83315.964	1.2	55144713	0.7	0	
Ti	47	1	nogas	1791.829	0.2	2403924	1.6	0	
Ni	60	1	nogas	0.774	7.0	3414	4.6	0	ICSA Main CR1 Failed
Cu	63	1	nogas	1.076	5.9	10800	3.6	0	ICSA Main CR1 Failed
Zn	66	1	nogas	1.102	11.4	5011	5.0	0	ICSA Main CR1 Failed
Se	77	1	nogas	17.619	2.9	5281	2.2	0	
Se	82	1	nogas	0.397	70.8	250	17.4	0	ICSA Main CR1 Failed
Sr	88	1	nogas	1.002	1.4	26099	2.9	0	ICSA Main CR1 Failed
Mo	95	1	nogas	1786.206	1.4	8688635	0.9	0	
Ag	107	1	nogas	0.011	24.3	197	16.3	0	ICSA Main CR1 Failed
Cd	111	1	nogas	1.439	5.8	3487	5.9	0	ICSA Main CR1 Failed
Sn	118	1	nogas	-0.365	-8.1	2420	8.3	0	ICSA Main CR1 Failed
Sb	121	1	nogas	0.046	33.2	963	16.5	0	ICSA Main CR1 Failed
Ba	137	1	nogas	0.075	21.7	590	9.4	0	ICSA Main CR1 Failed
Tl	205	1	nogas	0.023	39.7	547	37.0	0	ICSA Main CR1 Failed
Pb	208	1	nogas	0.045	12.0	1867	6.5	0	ICSA Main CR1 Failed
Si	28	1	nogas	106.617	8.1	596579	0.8	0	
Na	23	2	He	99252.855	1.1	103998532	0.8	0	
Mg	24	2	He	99616.124	1.3	66274696	0.1	0	
Al	27	2	He	88397.378	0.9	46072679	1.4	0	
K	39	2	He	99091.136	0.0	96303805	1.2	0	
Ca	43	2	He	95284.254	0.4	291435	1.4	0	
Ca	44	2	He	94346.154	0.9	4812770	2.0	0	
V	51	2	He	-0.029	-83.5	1548	10.8	0	ICSA Main CR1 Failed
Cr	52	2	He	0.939	4.4	7925	4.4	0	ICSA Main CR1 Failed
Mn	55	2	He	0.078	78.3	2397	14.2	0	ICSA Main CR1 Failed
Fe	56	2	He	101391.521	0.4	564433858	1.2	0	
Co	59	2	He	0.195	4.3	1860	4.7	0	ICSA Main CR1 Failed
Ni	60	2	He	0.278	12.4	877	8.6	0	ICSA Main CR1 Failed
Cu	63	2	He	0.303	10.9	2480	8.6	0	ICSA Main CR1 Failed
Zn	66	2	He	-0.175	-13.1	1183	2.1	0	ICSA Main CR1 Failed
As	75	2	He	0.153	4.2	278	3.0	0	ICSA Main CR1 Failed
Sb	121	2	He	0.044	39.6	590	19.5	0	ICSA Main CR1 Failed
Se	78	2	He	-0.030	-123.4	234	2.3	0	ICSA Main CR1 Failed
Ti	47	2	He	1902.256	0.1	510155	1.3	0	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1938742	1.51	1905656	101.74	70	120	
In	115	1	nogas	2009250	1.66	2034779	98.75	70	120	
Li	6	1	nogas	586887	0.53	676732	86.72	70	120	
Bi	209	1	nogas	1702074	2.96	1711742	99.44	70	120	
Ge	72	2	He	755729	1.17	825316	91.57	70	120	

Interference Check Solution AB (ICS-AB) Report

Sample Table

Sample Name	ICSAB
Data File Name	386ICSB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq Date Time	2021-01-27T02:38:48-06:00
Sample Type	ICSB
Dilution	1
Comment	
ISTD Ref File Name	263CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	99.095	0.647	280783	1.47	100	99.1	80	120	
B	11	1	nogas	533.069	0.416	863049	1.23	100	533.1	80	120	
Al	27	1	nogas	86572.506	1.482	921414013	1.08	100	86572.5	80	120	ICSB Main CR1 Failed
Ti	47	1	nogas	1919.892	0.529	2585001	1.37	100	1919.9	80	120	ICSB Main CR1 Failed
Ni	60	1	nogas	96.083	2.745	363040	2.61	100	96.1	80	120	
Cu	63	1	nogas	99.254	2.661	859661	2.39	100	99.3	80	120	
Zn	66	1	nogas	99.110	2.834	258915	2.02	100	99.1	80	120	
Se	77	1	nogas	126.478	1.817	19457	2.83	100	126.5	80	120	
Se	82	1	nogas	105.954	1.070	18233	2.39	100	106.0	80	120	
Sr	88	1	nogas	103.147	1.559	2560202	2.27	100	103.1	80	120	
Mo	95	1	nogas	1865.823	0.809	9322271	1.08	100	1865.8	80	120	ICSB Main CR1 Failed
Ag	107	1	nogas	119.414	1.327	1341496	1.68	100	119.4	80	120	
Cd	111	1	nogas	100.104	0.758	248513	1.59	100	100.1	80	120	
Sn	118	1	nogas	100.236	0.519	757344	1.58	100	100.2	80	120	
Sb	121	1	nogas	108.214	2.578	1042232	2.01	100	108.2	80	120	
Ba	137	1	nogas	100.146	1.671	415204	1.50	100	100.1	80	120	
Tl	205	1	nogas	99.865	2.877	1981786	1.45	100	99.9	80	120	
Pb	208	1	nogas	100.276	3.446	2816445	2.37	100	100.3	80	120	
U	238	1	nogas	101.664	2.815	3268380	1.46	100	101.7	80	120	
Si	28	1	nogas	5015.025	2.572	3309530	1.16	100	5015.0	80	120	ICSB Main CR1 Failed
Na	23	2	He	108560.110	0.583	115713895	0.48	100	108560.1	80	120	
Mg	24	2	He	108029.410	0.838	73115294	0.36	100	108029.4	80	120	
Al	27	2	He	87711.073	0.715	46503326	1.03	100	87711.1	80	120	ICSB Main CR1 Failed
K	39	2	He	107434.900	0.407	106207262	1.00	100	107434.9	80	120	
Ca	43	2	He	105540.813	0.899	328373	1.71	100	105540.8	80	120	
Ca	44	2	He	103267.179	1.224	5358295	1.61	100	103267.2	80	120	
V	51	2	He	101.432	0.581	641119	1.33	100	101.4	80	120	
Cr	52	2	He	103.351	0.843	679379	0.92	100	103.4	80	120	
Mn	55	2	He	99.893	0.652	551918	0.35	100	99.9	80	120	
Fe	56	2	He	110424.992	0.998	625291697	0.60	100	110425.0	80	120	
Co	59	2	He	102.688	0.897	922895	0.90	100	102.7	80	120	
Ni	60	2	He	100.238	1.192	226245	1.42	100	100.2	80	120	
Cu	63	2	He	99.565	0.733	570498	0.44	100	99.6	80	120	
Zn	66	2	He	100.996	1.820	129402	1.99	100	101.0	80	120	
As	75	2	He	102.391	0.166	104315	0.93	100	102.4	80	120	
Sb	121	2	He	102.837	0.768	666691	1.41	100	102.8	80	120	
Se	78	2	He	106.454	0.090	11346	0.92	100	106.5	80	120	
Ti	47	2	He	2021.621	0.883	551535	1.73	100	2021.6	80	120	

QC ISTD Table

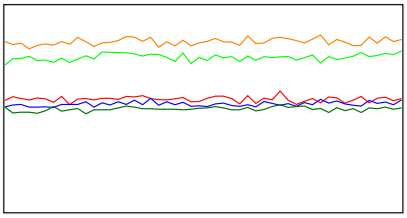
Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1945866	1.85	1905656	102.11	70	120	
In	115	1	nogas	2063605	1.28	2034779	101.42	70	120	
Li	6	1	nogas	574064	0.83	676732	84.83	70	120	
Bi	209	1	nogas	1689984	1.62	1711742	98.73	70	120	
Ge	72	2	He	768758	0.85	825316	93.15	70	120	

Tune Check Report

Operator Name	ALSHS NoUser
Acq/Data Batch	C:\Agilent\ICPMH\1\DATA\012621A.b
Acq. Date-Time	1/26/2021 9:56:17 AM
Report Comment	---
Instrument Name	G3281A JP11080910

[nogas]

Sensitivity



Sampling Period [sec]	0.514
Integration Time [sec]	0.1

Mass	Range	Count	Resp [cps/ug/l]	Resp (Required) [cps/ug/l]	Resp (Flag)
9	10000	5465	54649.40		
24	20000	14998	149983.15		
59	50000	26120	261196.20		
115	50000	41272	412717.96		
208	50000	24916	249162.75		

Mass	Resp Ratio	Resp Ratio (Required)	Resp Ratio (Flag)
9		-	
24		-	
59		-	
115		-	
208		-	

Mass	RSD%	RSD% (Required)	RSD% (Flag)
9	2.346	5.000	
24	2.151	5.000	
59	2.084	5.000	
115	1.944	5.000	
208	1.979	5.000	

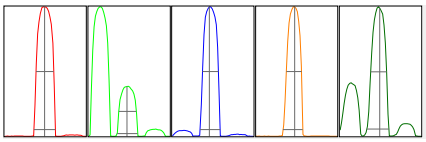
Mass	Background	Background (Required)	Background (Flag)
9	1.500		
24	0.300		
59	1.100		
115	1.700		
208	2.900		

Oxide/Doubly Charged Ratio

Oxide	156 / 140 0.708 %
Doubly Charged	70 / 140 1.020 %

Tune Check Report

Resolution/Axis



Integration Time [sec]	0.1
Acquisition Time [sec]	37.4
Y Axis	Linear

Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	5461.06	9.00	8.90 - 9.10	
24	14834.21	23.95	23.90 - 24.10	
59	26363.62	58.90	58.90 - 59.10	
115	41534.98	114.95	114.90 - 115.10	
208	24739.72	208.00	207.90 - 208.10	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.64	0.783		
24	0.64	0.757		
59	0.58	0.734		
115	0.56	0.719		
208	0.58	0.807		

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.60 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	---
RF Matching	1.70 V	Nebulizer Pump	0.10 rps	Plasma Gas	---
Sample Depth	8.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.0 V	Deflect	10.0 V
Extract 2	-200.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9990	QP Bias	-3.0 V
Mass Offset	127	Axis Offset	0.07		

Hardware Settings

Torch

Torch H	0.0 mm	Torch V	0.2 mm		

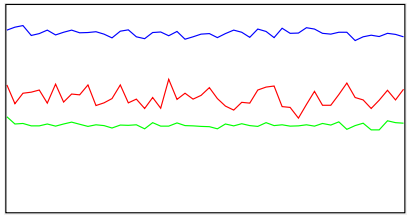
EM

Discriminator	4.5 mV	Analog HV	1565 V	Pulse HV	1217 V

[He]

Tune Check Report

Sensitivity



Sampling Period [sec]	0.306
Integration Time [sec]	0.1

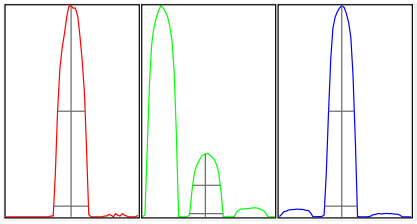
Mass	Range	Count	Resp [cps/ug/l]	Resp (Required) [cps/ug/l]	Resp (Flag)
9	500	277	2768.60		
24	5000	2099	20994.44		
59	20000	17306	173059.96		

Mass	Resp Ratio	Resp Ratio (Required)	Resp Ratio (Flag)
9		-	
24		-	
59		-	

Mass	RSD%	RSD% (Required)	RSD% (Flag)
9	7.460	5.000	Fail
24	2.693	5.000	
59	1.841	5.000	

Mass	Background	Background (Required)	Background (Flag)
9			
24			
59			

Resolution/Axis



Integration Time [sec]	0.1
Acquisition Time [sec]	22.24
Y Axis	Linear

Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	276.53	9.00	8.90 - 9.10	
24	2115.99	23.95	23.90 - 24.10	
59	17287.12	58.95	58.90 - 59.10	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.782		
24	0.62	0.742		
59	0.57	0.732		

Tune Parameters

Plasma Parameters

Tune Check Report

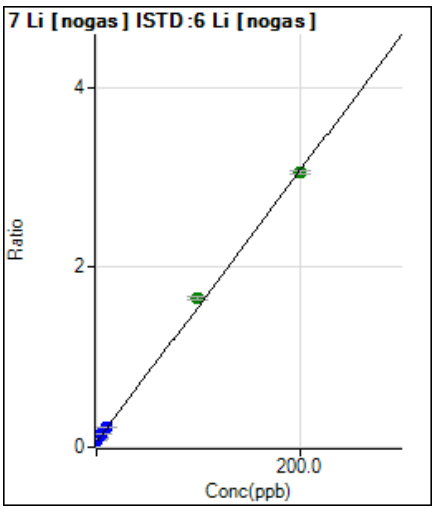
Plasma Mode	---	Nebulizer Gas	0.60 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	---
RF Matching	1.70 V	Nebulizer Pump	0.10 rps	Plasma Gas	---
Sample Depth	8.0 mm	S/C Temp	2 °C		
Lens Parameters					
Extract 1	0.0 V	Omega Lens	8.0 V	Deflect	2.0 V
Extract 2	-200.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-60 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.2 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	190 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9990	QP Bias	-13.0 V
Mass Offset	127	Axis Offset	0.07		
Hardware Settings					
Torch					
Torch H	0.0 mm	Torch V	0.2 mm		
EM					
Discriminator	4.5 mV	Analog HV	1565 V	Pulse HV	1217 V

Calibration for 161_ICV.d

Batch Folder:	C:\Agilent\ICPMH\1\DATA\012721A.b\
Analysis File:	012721A.batch.bin
DA Date-Time:	1/27/2021 8:13:35 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	

Level	Standard Data File	Sample Name	Acq. Date-Time
1	152CALB.d	CAL BLK	1/27/2021 7:46:09 PM
2	153CALS.d	2/10/200	1/27/2021 7:48:10 PM
3	154CALS.d	5/25/500	1/27/2021 7:50:12 PM
4	155CALS.d	10/50/1000	1/27/2021 7:52:13 PM
5	156CALS.d	100/500/10K	1/27/2021 7:54:14 PM
6	159CALS.d	200/1000/20K	1/27/2021 8:01:35 PM
7			

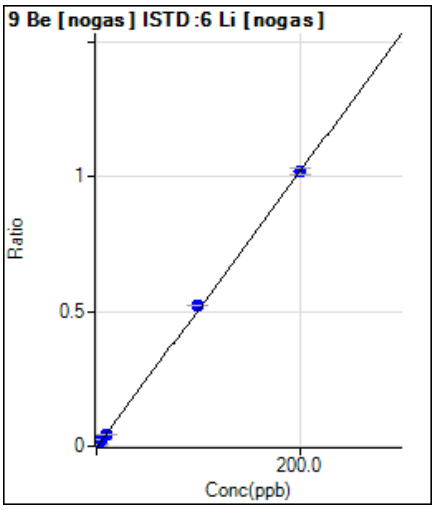
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	74422.12	0.0743	P	1.3	
2	☐	2.000	1.791	102080.03	0.1013	P	1.5	-10.4
3	☐	5.000	4.583	146499.75	0.1434	P	0.6	-8.3
4	☐	10.000	9.487	221285.78	0.2174	P	0.7	-5.1
5	☐	100.000	104.858	1467573.99	1.6560	A	1.5	4.9
6	☐	200.000	197.609	2681353.40	3.0551	A	1.2	-1.2
7	☐	1.000						

y = 0.0151 * x + 0.0743
R = 0.9996
DL = 0.1901 ppb
BEC = 4.925 ppb

Weight: <None>
Min Conc: <None>

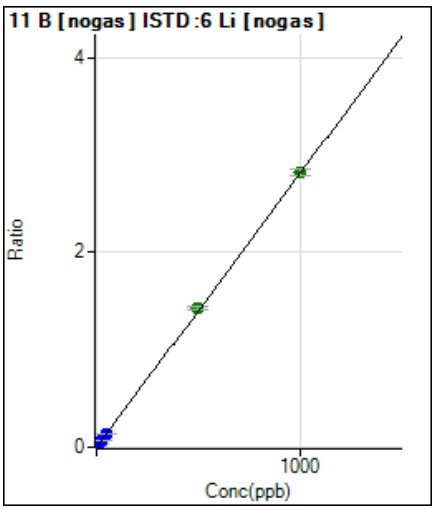


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	28.33	0.0000	P	36.8	
2	☐	2.000	1.765	9145.55	0.0091	P	1.0	-11.7
3	☐	5.000	4.356	22840.24	0.0224	P	1.2	-12.9
4	☐	10.000	8.852	46220.13	0.0454	P	2.5	-11.5
5	☐	100.000	102.140	464122.08	0.5237	P	0.3	2.1
6	☐	200.000	199.006	895145.97	1.0203	P	2.8	-0.5
7	☐	1.000						

y = 0.0051 * x + 2.8298E-005
R = 0.9999
DL = 0.006095 ppb
BEC = 0.005519 ppb

Weight: <None>
Min Conc: <None>

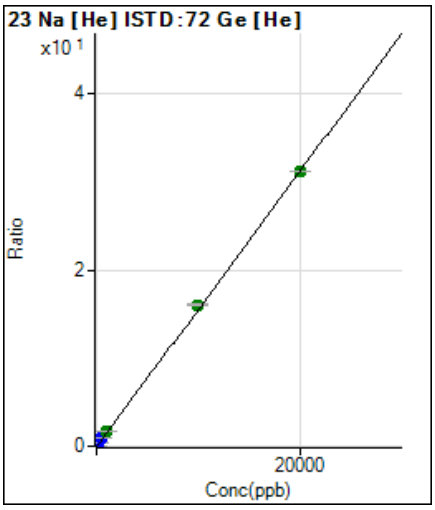
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13606.55	0.0136	P	2.3	
2	☐	10.000	8.939	39017.72	0.0387	P	2.4	-10.6
3	☐	25.000	22.015	77128.19	0.0755	P	0.9	-11.9
4	☐	50.000	45.850	145108.40	0.1426	P	2.3	-8.3
5	☐	500.000	501.756	1262893.44	1.4250	A	1.9	0.4
6	☐	1000.000	999.415	2479386.01	2.8250	A	2.2	-0.1
7	☐	5.000						

y = 0.0028 * x + 0.0136
R = 1.0000
DL = 0.3326 ppb
BEC = 4.829 ppb

Weight: <None>
Min Conc: <None>

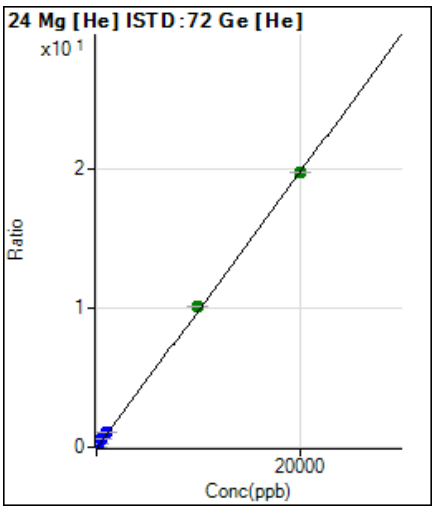


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	53789.12	0.0567	P	2.3	
2	☐	200.000	219.295	381417.98	0.4000	P	1.5	9.6
3	☐	500.000	537.953	866806.42	0.8988	P	1.0	7.6
4	☐	1000.000	1035.121	1613058.15	1.6771	A	2.8	3.5
5	☐	10000.00	10206.54	15057084.78	16.0341	A	0.8	2.1
6	☐	20000.00	19893.82	29273202.07	31.1986	A	0.6	-0.5
7	☐	100.000						

y = 0.0016 * x + 0.0567
R = 0.9999
DL = 2.46 ppb
BEC = 36.22 ppb

Weight: <None>
Min Conc: <None>

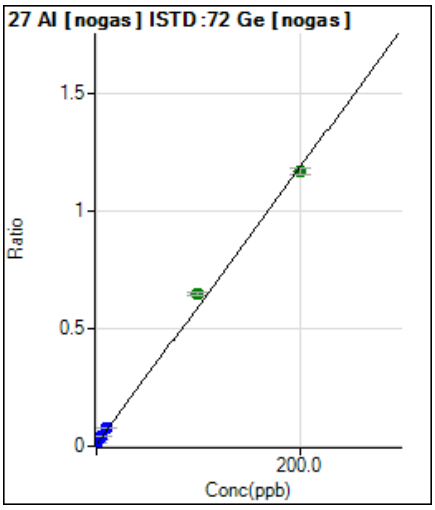
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	703.36	0.0007	P	8.4	
2	☐	200.000	222.296	210718.28	0.2210	P	1.4	11.1
3	☐	500.000	548.011	524302.92	0.5437	P	1.5	9.6
4	☐	1000.000	1097.269	1046369.18	1.0879	P	0.6	9.7
5	☐	10000.00	10208.99	9498612.77	10.1152	A	0.1	2.1
6	☐	20000.00	19889.21	18489156.39	19.7059	A	0.6	-0.6
7	☐	100.000						

y = 9.9074E-004 * x + 7.4107E-004
R = 0.9999
DL = 0.1889 ppb
BEC = 0.748 ppb

Weight: <None>
Min Conc: <None>

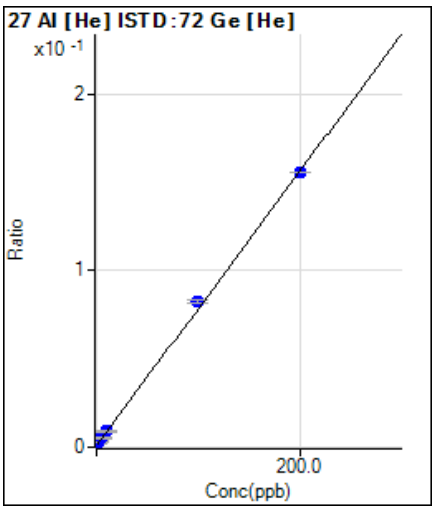


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	27536.84	0.0135	P	2.8	
2	☐	2.000	2.269	56674.53	0.0269	P	2.7	13.4
3	☐	5.000	5.422	96885.71	0.0455	P	1.0	8.4
4	☐	10.000	11.286	169009.93	0.0800	P	1.3	12.9
5	☐	100.000	107.670	1370476.96	0.6482	A	1.7	7.7
6	☐	200.000	196.088	2479044.91	1.1693	A	1.9	-2.0
7	☐	1.000						

y = 0.0059 * x + 0.0135
R = 0.9990
DL = 0.1899 ppb
BEC = 2.29 ppb

Weight: <None>
Min Conc: <None>

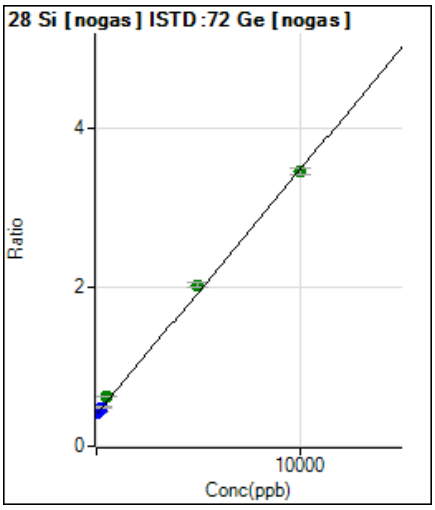
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1573.43	0.0017	P	13.3	
2	☐	2.000	2.074	3123.64	0.0033	P	8.2	3.7
3	☐	5.000	4.805	5207.47	0.0054	P	8.8	-3.9
4	☐	10.000	9.513	8722.15	0.0091	P	6.8	-4.9
5	☐	100.000	104.094	77701.66	0.0827	P	2.2	4.1
6	☐	200.000	197.981	146240.42	0.1559	P	0.5	-1.0
7	☐	1.000						

y = 7.7888E-004 * x + 0.0017
R = 0.9997
DL = 0.8499 ppb
BEC = 2.131 ppb

Weight: <None>
Min Conc: <None>

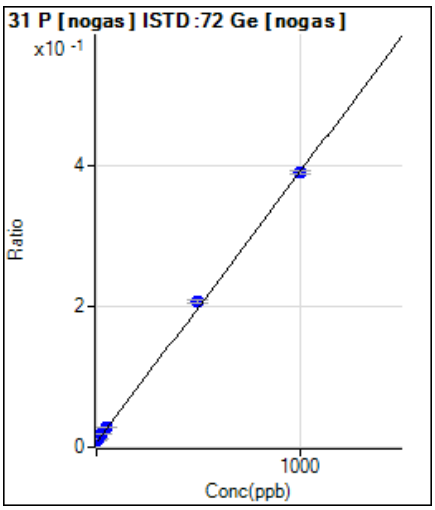


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	858770.64	0.4209	P	1.3	
2	☐	100.000	60.251	926939.52	0.4394	P	2.1	-39.7
3	☐	250.000	218.166	1040136.42	0.4880	P	1.0	-12.7
4	☐	500.000	668.671	1323749.10	0.6268	A	0.9	33.7
5	☐	5000.000	5232.164	4295998.27	2.0320	A	2.6	4.6
6	☐	10000.00	9876.678	7339108.02	3.4622	A	2.7	-1.2
7	☐	50.000						

y = 3.0793E-004 * x + 0.4209
R = 0.9995
DL = 54.33 ppb
BEC = 1367 ppb

Weight: <None>
Min Conc: <None>

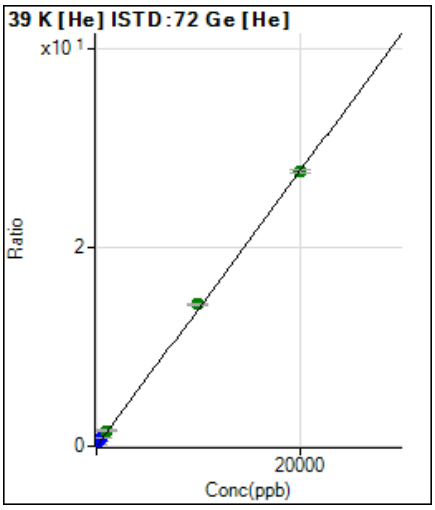
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	17878.64	0.0088	P	3.8	
2	☐	10.000	9.687	26335.26	0.0125	P	2.4	-3.1
3	☐	25.000	24.291	38549.40	0.0181	P	3.1	-2.8
4	☐	50.000	52.011	60693.75	0.0287	P	0.4	4.0
5	☐	500.000	514.280	436045.75	0.2062	P	1.9	2.9
6	☐	1000.000	992.781	826772.93	0.3900	P	1.7	-0.7
7	☐	5.000						

y = 3.8397E-004 * x + 0.0088
R = 0.9999
DL = 2.624 ppb
BEC = 22.82 ppb

Weight: <None>
Min Conc: <None>

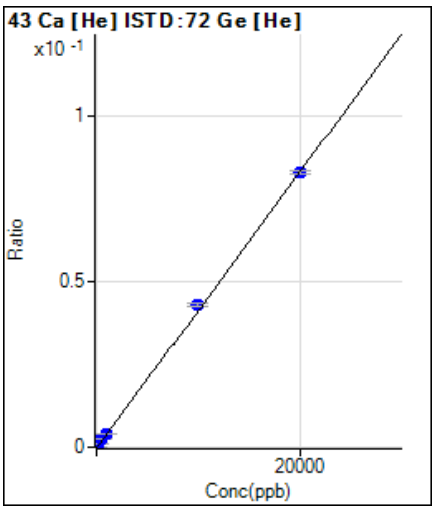


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	114234.71	0.1204	P	1.2	
2	☐	200.000	220.429	406227.69	0.4259	P	0.5	10.2
3	☐	500.000	536.066	832666.60	0.8634	P	1.6	7.2
4	☐	1000.000	1049.467	1514971.70	1.5751	A	1.4	4.9
5	☐	10000.00	10231.14	13429674.38	14.3015	A	0.9	2.3
6	☐	20000.00	19880.85	25969713.78	27.6768	A	1.1	-0.6
7	☐	100.000						

y = 0.0014 * x + 0.1204
R = 0.9999
DL = 3.137 ppb
BEC = 86.88 ppb

Weight: <None>
Min Conc: <None>

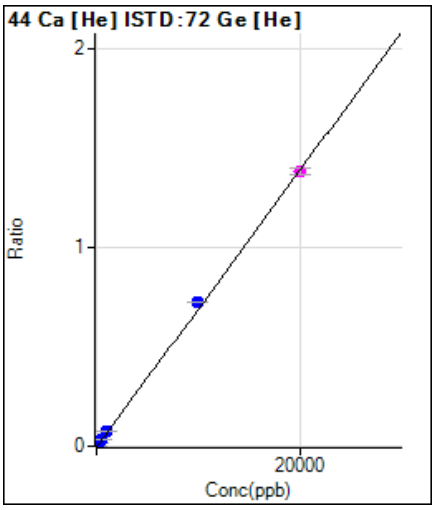
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	90.00	0.0001	P	29.0	
2	☐	200.000	203.598	900.04	0.0009	P	4.6	1.8
3	☐	500.000	525.354	2203.50	0.0023	P	1.4	5.1
4	☐	1000.000	959.295	3937.14	0.0041	P	5.3	-4.1
5	☐	10000.00	10272.52	40293.73	0.0429	P	2.3	2.7
6	☐	20000.00	19865.10	77787.45	0.0829	P	1.6	-0.7
7	☐	100.000						

y = 4.1684E-006 * x + 9.4818E-005
R = 0.9999
DL = 19.82 ppb
BEC = 22.75 ppb

Weight: <None>
Min Conc: <None>

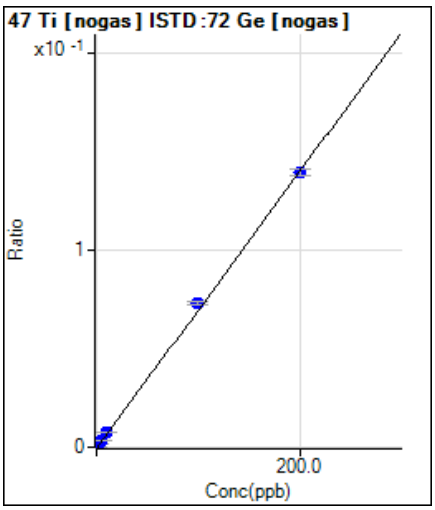


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1300.07	0.0014	P	18.8	
2	☐	200.000	210.413	15283.09	0.0160	P	0.3	5.2
3	☐	500.000	506.168	35317.09	0.0366	P	2.7	1.2
4	☐	1000.000	1019.950	69642.77	0.0724	P	2.3	2.0
5	☐	10000.00	10368.28	679345.09	0.7235	P	0.7	3.7
6	☐	20000.00	19814.60	1296277.48	1.3813	M	2.3	-0.9
7	☐	100.000						

y = 6.9644E-005 * x + 0.0014
R = 0.9998
DL = 11.1 ppb
BEC = 19.69 ppb

Weight: <None>
Min Conc: <None>

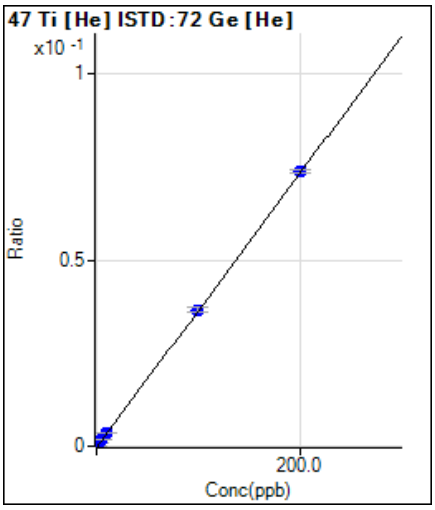
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	120.00	0.0001	P	20.9	
2	☐	2.000	1.994	3080.31	0.0015	P	9.2	-0.3
3	☐	5.000	4.954	7551.65	0.0035	P	7.8	-0.9
4	☐	10.000	10.430	15616.79	0.0074	P	4.1	4.3
5	☐	100.000	103.768	154398.74	0.0730	P	3.2	3.8
6	☐	200.000	198.096	295470.41	0.1394	P	2.9	-1.0
7	☐	1.000						

y = 7.0328E-004 * x + 5.8692E-005
R = 0.9997
DL = 0.05224 ppb
BEC = 0.08345 ppb

Weight: <None>
Min Conc: <None>

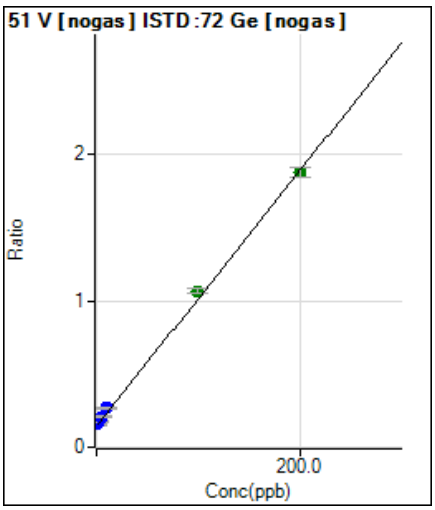


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10.00	0.0000	P	99.6	
2	☐	2.000	2.039	726.70	0.0008	P	9.5	2.0
3	☐	5.000	4.948	1770.11	0.0018	P	8.1	-1.0
4	☐	10.000	9.762	3473.71	0.0036	P	9.3	-2.4
5	☐	100.000	99.231	34378.72	0.0366	P	3.5	-0.8
6	☐	200.000	200.397	69358.66	0.0739	P	1.4	0.2
7	☐	1.000						

y = 3.6879E-004 * x + 1.0543E-005
R = 1.0000
DL = 0.08539 ppb
BEC = 0.02859 ppb

Weight: <None>
Min Conc: <None>

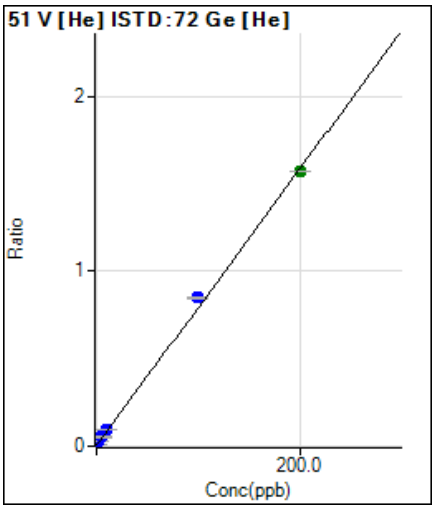
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	312007.74	0.1529	P	2.3	
2	☐	2.000	2.411	367007.26	0.1740	P	1.7	20.5
3	☐	5.000	6.433	445672.99	0.2091	P	0.8	28.7
4	☐	10.000	13.138	565280.47	0.2677	P	1.6	31.4
5	☐	100.000	104.665	2255945.33	1.0671	A	2.8	4.7
6	☐	200.000	197.471	3979710.77	1.8776	A	3.5	-1.3
7	☐	1.000						

y = 0.0087 * x + 0.1529
R = 0.9996
DL = 1.216 ppb
BEC = 17.51 ppb

Weight: <None>
Min Conc: <None>

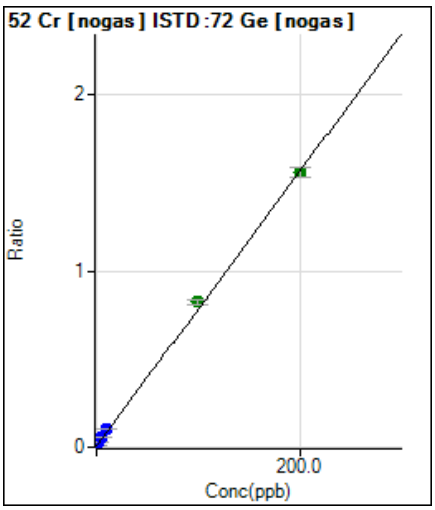


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10814.28	0.0114	P	0.9	
2	☐	2.000	2.102	26742.47	0.0280	P	0.5	5.1
3	☐	5.000	5.168	50451.25	0.0523	P	1.2	3.4
4	☐	10.000	10.465	90655.16	0.0942	P	0.8	4.7
5	☐	100.000	105.868	797710.53	0.8495	P	0.8	5.9
6	☐	200.000	197.038	1474297.65	1.5713	A	0.3	-1.5
7	☐	1.000						

y = 0.0079 * x + 0.0114
R = 0.9994
DL = 0.04048 ppb
BEC = 1.44 ppb

Weight: <None>
Min Conc: <None>

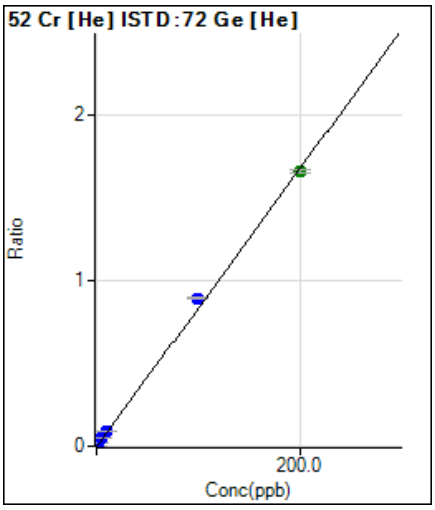
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	26973.11	0.0132	P	1.5	
2	☐	2.000	2.159	63468.16	0.0301	P	1.1	7.9
3	☐	5.000	5.507	119850.15	0.0562	P	0.9	10.1
4	☐	10.000	11.138	211649.96	0.1002	P	2.2	11.4
5	☐	100.000	103.827	1742526.80	0.8242	A	3.2	3.8
6	☐	200.000	198.015	3306617.56	1.5600	A	3.0	-1.0
7	☐	1.000						

y = 0.0078 * x + 0.0132
R = 0.9997
DL = 0.07504 ppb
BEC = 1.692 ppb

Weight: <None>
Min Conc: <None>

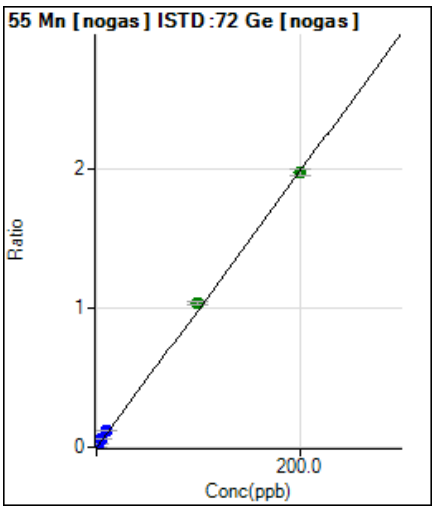


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3187.00	0.0034	P	4.0	
2	☐	2.000	2.154	20461.48	0.0215	P	4.3	7.7
3	☐	5.000	5.213	45492.57	0.0472	P	2.1	4.3
4	☐	10.000	10.394	87257.06	0.0907	P	0.7	3.9
5	☐	100.000	105.975	839547.23	0.8941	P	0.5	6.0
6	☐	200.000	196.986	1556480.19	1.6590	A	1.6	-1.5
7	☐	1.000						

y = 0.0084 * x + 0.0034
R = 0.9994
DL = 0.04762 ppb
BEC = 0.3996 ppb

Weight: <None>
Min Conc: <None>

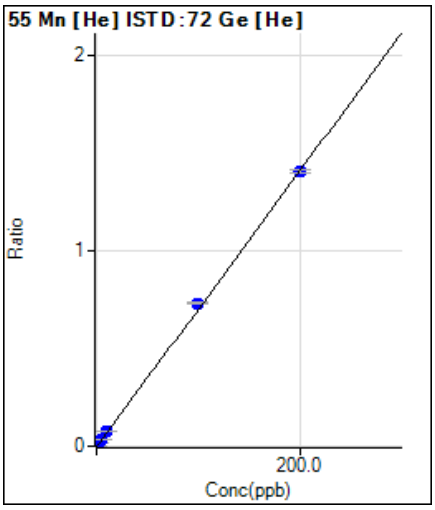
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	11230.25	0.0055	P	0.5	
2	☐	2.000	2.213	58157.92	0.0276	P	3.9	10.7
3	☐	5.000	5.305	124534.15	0.0584	P	1.0	6.1
4	☐	10.000	10.993	243199.63	0.1152	P	1.4	9.9
5	☐	100.000	103.668	2198079.60	1.0396	A	2.4	3.7
6	☐	200.000	198.107	4200703.79	1.9816	A	3.0	-0.9
7	☐	1.000						

y = 0.0100 * x + 0.0055
R = 0.9998
DL = 0.008082 ppb
BEC = 0.5517 ppb

Weight: <None>
Min Conc: <None>

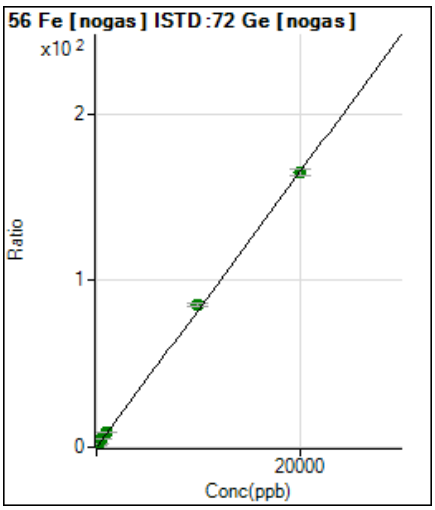


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1973.47	0.0021	P	7.3	
2	☐	2.000	2.046	15810.23	0.0166	P	2.3	2.3
3	☐	5.000	4.972	35985.10	0.0373	P	0.5	-0.6
4	☐	10.000	10.084	70734.76	0.0735	P	0.9	0.8
5	☐	100.000	102.952	687035.64	0.7316	P	1.0	3.0
6	☐	200.000	198.520	1321978.08	1.4089	P	1.1	-0.7
7	☐	1.000						

y = 0.0071 * x + 0.0021
R = 0.9998
DL = 0.0647 ppb
BEC = 0.2934 ppb

Weight: <None>
Min Conc: <None>

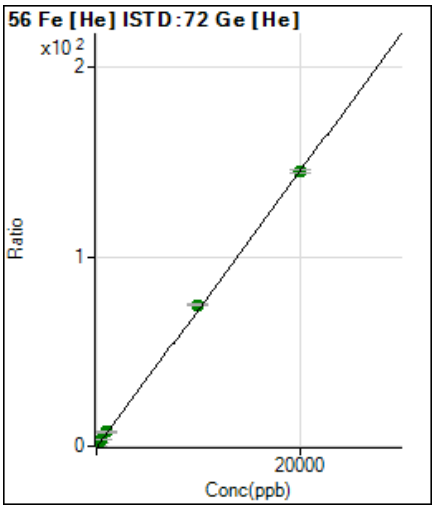
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1376823.68	0.6747	A	1.6	
2	☐	200.000	205.103	5008191.80	2.3735	A	0.3	2.6
3	☐	500.000	505.381	10360092.14	4.8607	A	0.7	1.1
4	☐	1000.000	1033.701	19507100.54	9.2366	A	1.5	3.4
5	☐	10000.00	10280.31	181446697.3	85.8241	A	2.6	2.8
6	☐	20000.00	19857.97	350140314.7	165.153	A	1.9	-0.7
7	☐	100.000						

y = 0.0083 * x + 0.6747
R = 0.9999
DL = 3.921 ppb
BEC = 81.46 ppb

Weight: <None>
Min Conc: <None>

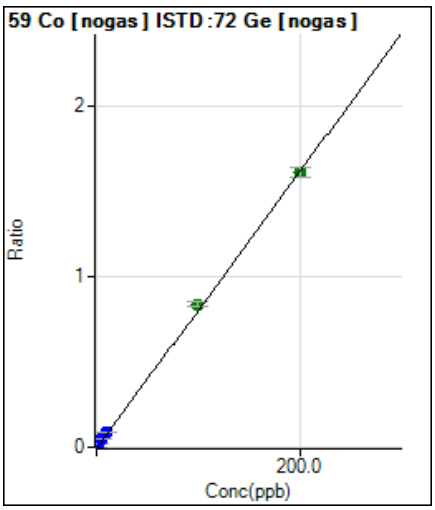


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	21833.10	0.0230	P	4.2	
2	☐	200.000	215.648	1523545.81	1.5977	A	1.7	7.8
3	☐	500.000	513.465	3638142.66	3.7725	A	1.2	2.7
4	☐	1000.000	1017.758	7170649.48	7.4550	A	0.9	1.8
5	☐	10000.00	10218.70	70091598.95	74.6428	A	0.6	2.2
6	☐	20000.00	19889.26	136295284.6	145.259	A	1.1	-0.6
7	☐	100.000						

y = 0.0073 * x + 0.0230
R = 0.9999
DL = 0.3935 ppb
BEC = 3.152 ppb

Weight: <None>
Min Conc: <None>

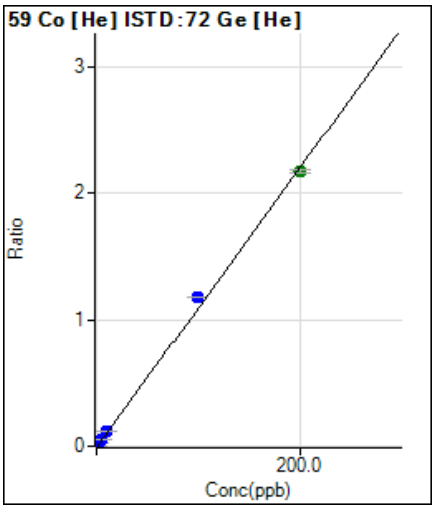
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	263.34	0.0001	P	47.6	
2	☐	2.000	2.260	39088.25	0.0185	P	2.7	13.0
3	☐	5.000	5.538	96369.92	0.0452	P	0.7	10.8
4	☐	10.000	11.170	192316.29	0.0911	P	1.5	11.7
5	☐	100.000	103.229	1776921.12	0.8405	A	2.5	3.2
6	☐	200.000	198.311	3422198.49	1.6145	A	3.0	-0.8
7	☐	1.000						

y = 0.0081 * x + 1.2874E-004
R = 0.9998
DL = 0.02259 ppb
BEC = 0.01581 ppb

Weight: <None>
Min Conc: <None>

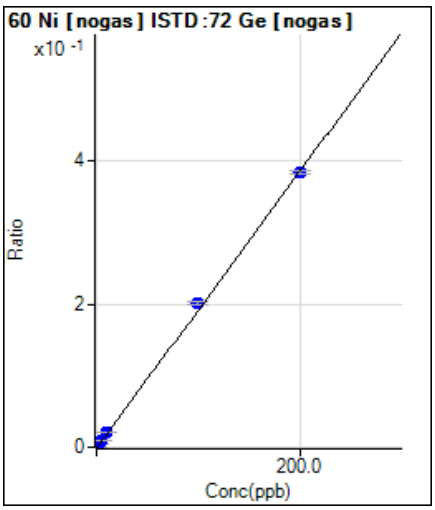


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	146.67	0.0002	P	16.1	
2	☐	2.000	2.100	22263.71	0.0233	P	1.1	5.0
3	☐	5.000	5.291	56513.05	0.0586	P	0.2	5.8
4	☐	10.000	10.593	112704.65	0.1172	P	0.2	5.9
5	☐	100.000	107.066	1110721.60	1.1828	P	0.0	7.1
6	☐	200.000	196.429	2036010.91	2.1700	A	0.9	-1.8
7	☐	1.000						

y = 0.0110 * x + 1.5466E-004
R = 0.9991
DL = 0.006757 ppb
BEC = 0.014 ppb

Weight: <None>
Min Conc: <None>

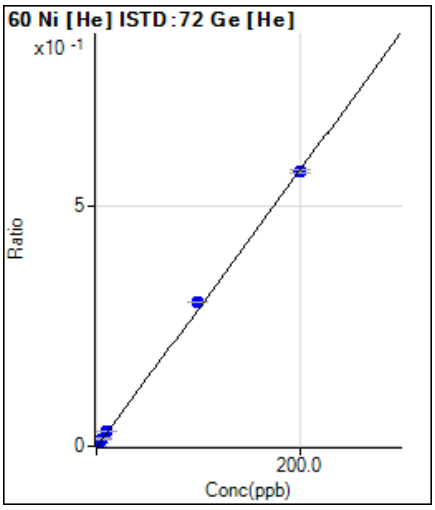
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	613.36	0.0003	P	9.4	
2	☐	2.000	2.113	9285.83	0.0044	P	4.9	5.6
3	☐	5.000	5.040	21482.83	0.0101	P	0.9	0.8
4	☐	10.000	10.512	43708.57	0.0207	P	0.6	5.1
5	☐	100.000	103.788	426312.22	0.2016	P	2.5	3.8
6	☐	200.000	198.078	815436.19	0.3846	P	0.9	-1.0
7	☐	1.000						

y = 0.0019 * x + 3.0034E-004
R = 0.9997
DL = 0.04345 ppb
BEC = 0.1548 ppb

Weight: <None>
Min Conc: <None>

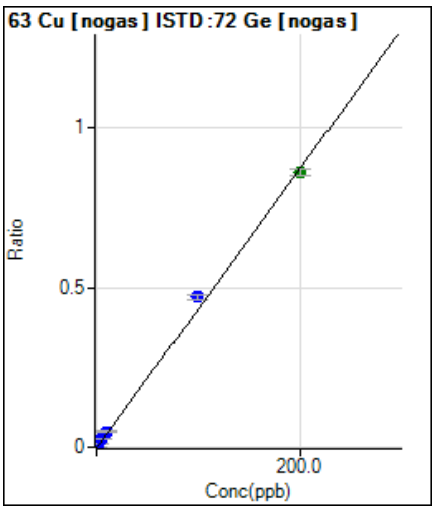


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	333.34	0.0004	P	23.4	
2	☐	2.000	2.088	6094.44	0.0064	P	6.7	4.4
3	☐	5.000	5.136	14669.38	0.0152	P	5.5	2.7
4	☐	10.000	10.379	29230.08	0.0304	P	3.1	3.8
5	☐	100.000	103.732	282231.26	0.3006	P	0.7	3.7
6	☐	200.000	198.111	538283.61	0.5737	P	0.8	-0.9
7	☐	1.000						

y = 0.0029 * x + 3.5098E-004
R = 0.9998
DL = 0.08531 ppb
BEC = 0.1213 ppb

Weight: <None>
Min Conc: <None>

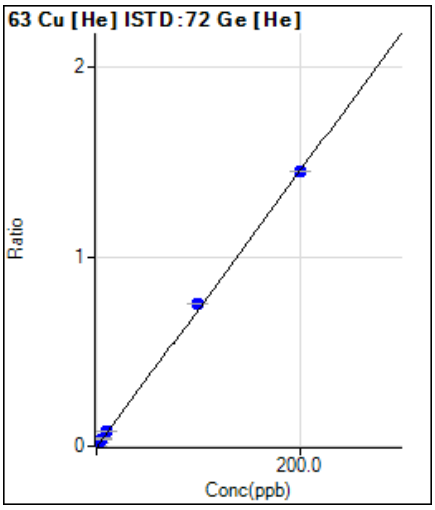
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1616.77	0.0008	P	19.5	
2	☐	2.000	2.195	21970.01	0.0104	P	1.9	9.8
3	☐	5.000	5.377	51913.18	0.0244	P	2.4	7.5
4	☐	10.000	11.008	103545.48	0.0490	P	2.2	10.1
5	☐	100.000	107.294	995644.52	0.4710	P	3.2	7.3
6	☐	200.000	196.291	1825403.10	0.8610	A	1.9	-1.9
7	☐	1.000						

y = 0.0044 * x + 7.9301E-004
R = 0.9991
DL = 0.1058 ppb
BEC = 0.181 ppb

Weight: <None>
Min Conc: <None>

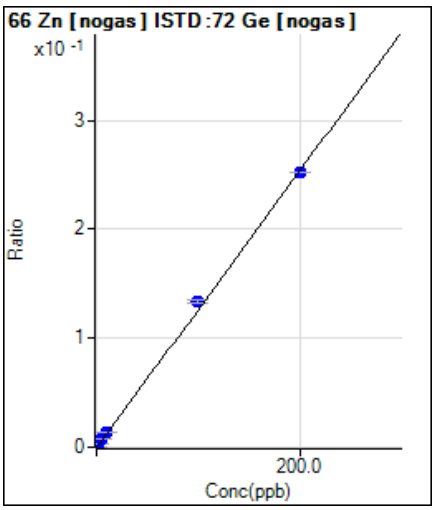


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	980.04	0.0010	P	14.7	
2	☐	2.000	2.061	15333.22	0.0161	P	1.7	3.1
3	☐	5.000	5.179	37455.24	0.0388	P	4.1	3.6
4	☐	10.000	10.297	73302.18	0.0762	P	0.6	3.0
5	☐	100.000	102.648	704698.35	0.7504	P	0.7	2.6
6	☐	200.000	198.656	1361792.22	1.4513	P	0.4	-0.7
7	☐	1.000						

y = 0.0073 * x + 0.0010
R = 0.9999
DL = 0.06249 ppb
BEC = 0.1414 ppb

Weight: <None>
Min Conc: <None>

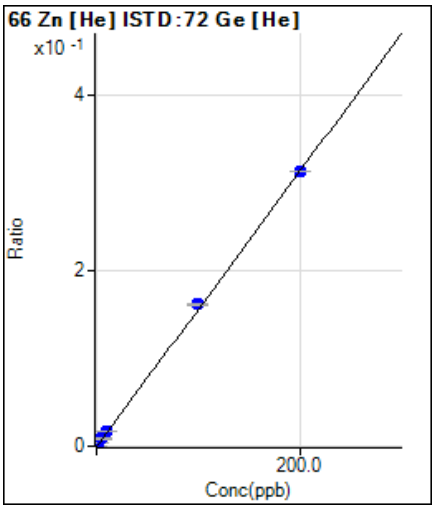
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	946.71	0.0005	P	15.1	
2	☐	2.000	2.005	6371.23	0.0030	P	1.8	0.3
3	☐	5.000	5.241	15216.50	0.0071	P	1.2	4.8
4	☐	10.000	10.664	29667.46	0.0140	P	1.7	6.6
5	☐	100.000	104.598	282661.43	0.1337	P	2.0	4.6
6	☐	200.000	197.662	534885.08	0.2522	P	0.2	-1.2
7	☐	1.000						

y = 0.0013 * x + 4.6452E-004
R = 0.9996
DL = 0.165 ppb
BEC = 0.3647 ppb

Weight: <None>
Min Conc: <None>

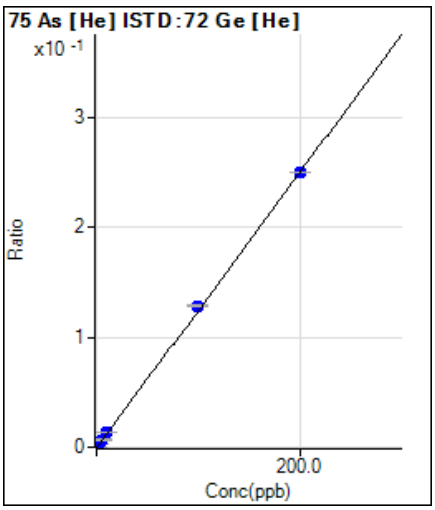


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	626.69	0.0007	P	5.9	
2	☐	2.000	1.940	3543.74	0.0037	P	6.1	-3.0
3	☐	5.000	5.050	8308.69	0.0086	P	2.9	1.0
4	☐	10.000	10.305	16250.78	0.0169	P	1.0	3.0
5	☐	100.000	102.344	152026.95	0.1619	P	1.1	2.3
6	☐	200.000	198.812	294490.35	0.3139	P	0.4	-0.6
7	☐	1.000						

y = 0.0016 * x + 6.6043E-004
R = 0.9999
DL = 0.07405 ppb
BEC = 0.4192 ppb

Weight: <None>
Min Conc: <None>

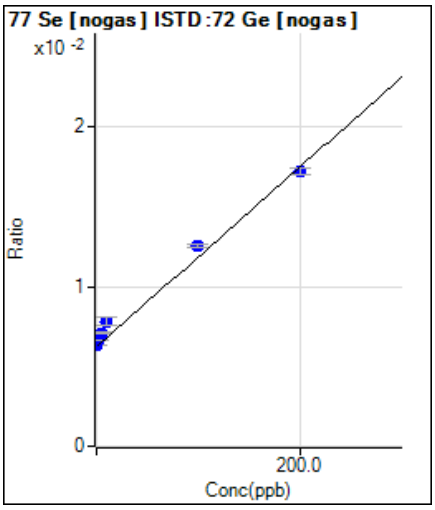
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	450.01	0.0005	P	8.6	
2	☐	2.000	1.944	2778.00	0.0029	P	3.3	-2.8
3	☐	5.000	5.020	6531.20	0.0068	P	1.7	0.4
4	☐	10.000	10.012	12537.66	0.0130	P	1.9	0.1
5	☐	100.000	102.188	120816.83	0.1287	P	1.5	2.2
6	☐	200.000	198.906	234577.28	0.2500	P	0.3	-0.5
7	☐	1.000						

y = 0.0013 * x + 4.7437E-004
R = 0.9999
DL = 0.09724 ppb
BEC = 0.3781 ppb

Weight: <None>
Min Conc: <None>

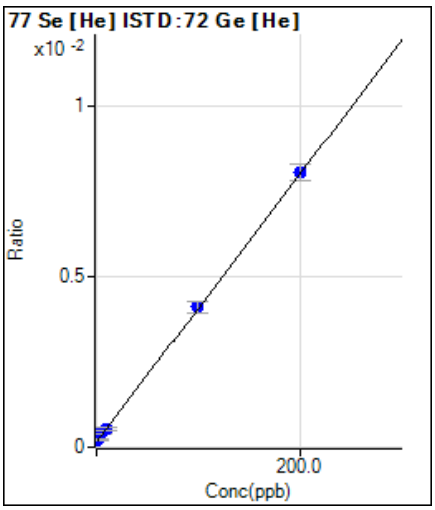


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	12894.73	0.0063	P	0.9	
2	☐	2.000	5.713	14012.27	0.0066	P	1.5	185.7
3	☐	5.000	13.693	15106.50	0.0071	P	2.0	173.9
4	☐	10.000	26.703	16510.99	0.0078	P	6.2	167.0
5	☐	100.000	110.211	26479.51	0.0125	P	1.4	10.2
6	☐	200.000	193.805	36503.51	0.0172	P	2.7	-3.1
7	☐	1.000						

y = 5.6252E-005 * x + 0.0063
R = 0.9961
DL = 2.883 ppb
BEC = 112.3 ppb

Weight: <None>
Min Conc: <None>

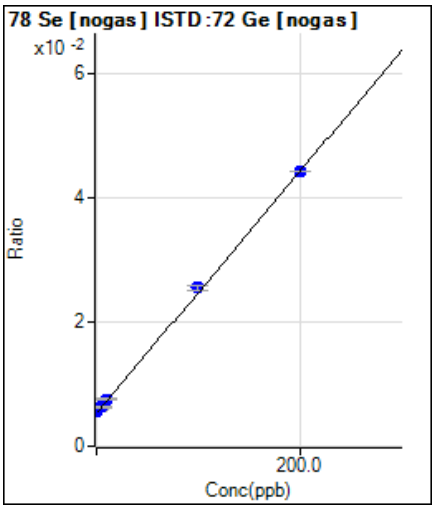
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	183.33	0.0002	P	2.8	
2	☐	2.000	0.875	216.67	0.0002	P	24.8	-56.2
3	☐	5.000	6.069	416.68	0.0004	P	20.3	21.4
4	☐	10.000	8.656	513.35	0.0005	P	11.7	-13.4
5	☐	100.000	99.791	3867.16	0.0041	P	8.1	-0.2
6	☐	200.000	200.156	7568.38	0.0081	P	6.2	0.1
7	☐	1.000						

y = 3.9321E-005 * x + 1.9324E-004
R = 0.9999
DL = 0.414 ppb
BEC = 4.914 ppb

Weight: <None>
Min Conc: <None>

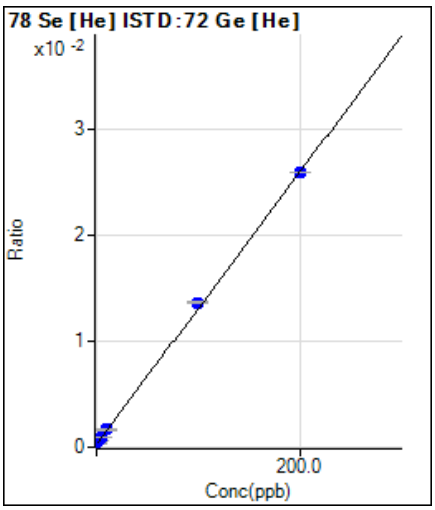


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	11316.99	0.0055	P	2.1	
2	☐	2.000	2.405	12691.28	0.0060	P	1.0	20.2
3	☐	5.000	4.349	13635.30	0.0064	P	4.0	-13.0
4	☐	10.000	10.266	15940.56	0.0075	P	4.0	2.7
5	☐	100.000	102.343	53943.39	0.0255	P	3.8	2.3
6	☐	200.000	198.827	94045.14	0.0443	P	0.5	-0.6
7	☐	1.000						

y = 1.9516E-004 * x + 0.0055
R = 0.9999
DL = 1.819 ppb
BEC = 28.42 ppb

Weight: <None>
Min Conc: <None>

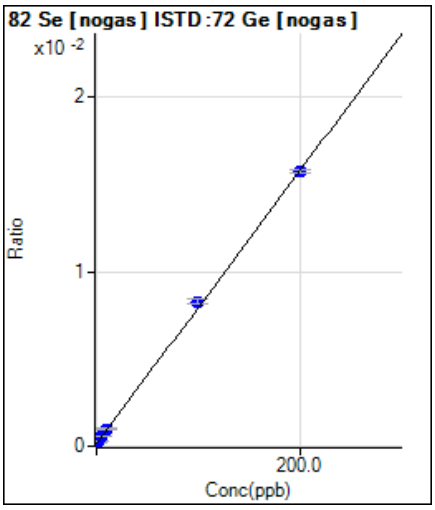
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	380.67	0.0004	P	9.5	
2	☐	2.000	1.830	606.68	0.0006	P	3.1	-8.5
3	☐	5.000	4.558	951.36	0.0010	P	2.4	-8.8
4	☐	10.000	9.908	1610.08	0.0017	P	5.5	-0.9
5	☐	100.000	102.785	12773.14	0.0136	P	1.3	2.8
6	☐	200.000	198.625	24312.83	0.0259	P	0.6	-0.7
7	☐	1.000						

y = 1.2844E-004 * x + 4.0111E-004
R = 0.9999
DL = 0.8936 ppb
BEC = 3.123 ppb

Weight: <None>
Min Conc: <None>

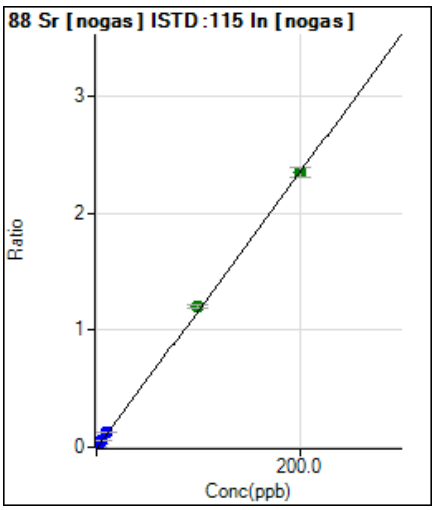


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	436.68	0.0002	P	22.4	
2	☐	2.000	1.238	656.69	0.0003	P	12.5	-38.1
3	☐	5.000	4.721	1243.40	0.0006	P	3.4	-5.6
4	☐	10.000	9.680	2050.16	0.0010	P	6.4	-3.2
5	☐	100.000	103.228	17528.72	0.0083	P	3.0	3.2
6	☐	200.000	198.417	33374.28	0.0157	P	1.0	-0.8
7	☐	1.000						

y = 7.8239E-005 * x + 2.1382E-004
R = 0.9998
DL = 1.839 ppb
BEC = 2.733 ppb

Weight: <None>
Min Conc: <None>

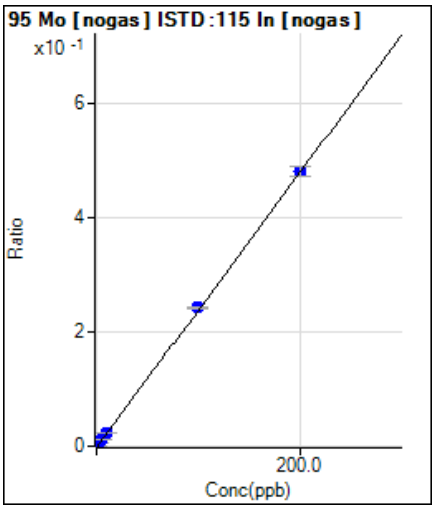
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	996.71	0.0005	P	10.7	
2	☐	2.000	2.125	52613.62	0.0256	P	2.0	6.2
3	☐	5.000	5.251	128863.36	0.0624	P	1.5	5.0
4	☐	10.000	10.626	258064.03	0.1259	P	0.2	6.3
5	☐	100.000	102.054	2425477.20	1.2045	A	2.0	2.1
6	☐	200.000	198.934	4674306.49	2.3474	A	4.0	-0.5
7	☐	1.000						

y = 0.0118 * x + 4.9314E-004
R = 0.9999
DL = 0.01343 ppb
BEC = 0.0418 ppb

Weight: <None>
Min Conc: <None>

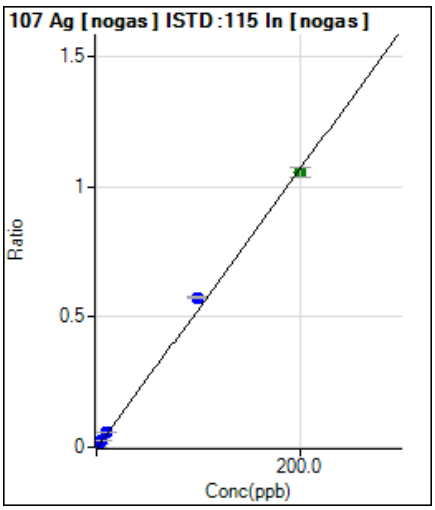


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	216.67	0.0001	P	43.8	
2	☐	2.000	1.887	9556.02	0.0046	P	1.6	-5.6
3	☐	5.000	4.802	24036.53	0.0116	P	3.7	-4.0
4	☐	10.000	9.793	48472.42	0.0236	P	1.5	-2.1
5	☐	100.000	100.483	486400.27	0.2416	P	2.3	0.5
6	☐	200.000	199.775	956345.14	0.4802	P	4.1	-0.1
7	☐	1.000						

y = 0.0024 * x + 1.0733E-004
R = 1.0000
DL = 0.05864 ppb
BEC = 0.04466 ppb

Weight: <None>
Min Conc: <None>

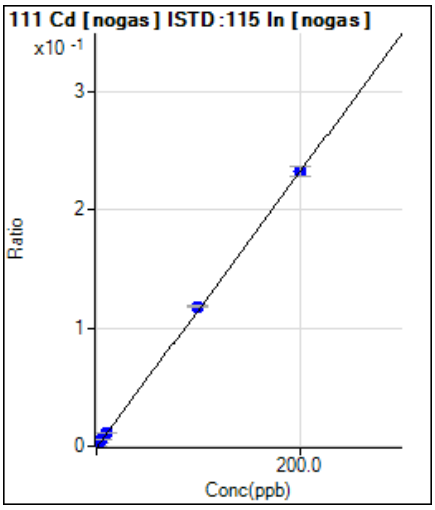
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	90.00	0.0000	P	37.9	
2	☐	2.000	2.072	23001.75	0.0112	P	1.9	3.6
3	☐	5.000	5.188	57603.48	0.0279	P	2.3	3.8
4	☐	10.000	10.641	117298.47	0.0572	P	1.1	6.4
5	☐	100.000	106.625	1153454.46	0.5728	P	1.1	6.6
6	☐	200.000	196.650	2104669.81	1.0565	A	3.4	-1.7
7	☐	1.000						

y = 0.0054 * x + 4.4401E-005
R = 0.9992
DL = 0.009392 ppb
BEC = 0.008265 ppb

Weight: <None>
Min Conc: <None>

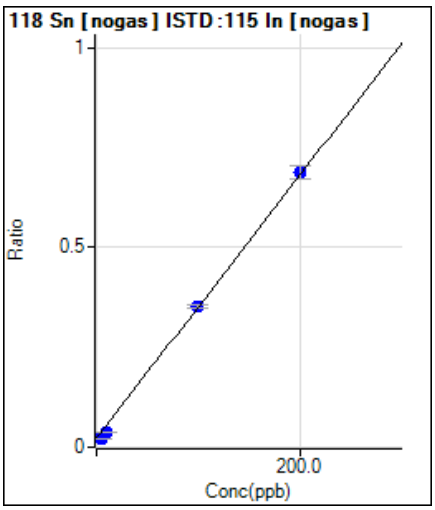


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10.00	0.0000	P	99.1	
2	☐	2.000	1.928	4637.35	0.0023	P	6.3	-3.6
3	☐	5.000	4.943	11910.83	0.0058	P	4.1	-1.1
4	☐	10.000	9.972	23846.40	0.0116	P	2.1	-0.3
5	☐	100.000	101.393	238003.04	0.1182	P	1.3	1.4
6	☐	200.000	199.307	462687.73	0.2323	P	4.1	-0.3
7	☐	1.000						

y = 0.0012 * x + 4.9052E-006
R = 1.0000
DL = 0.0125 ppb
BEC = 0.004208 ppb

Weight: <None>
Min Conc: <None>

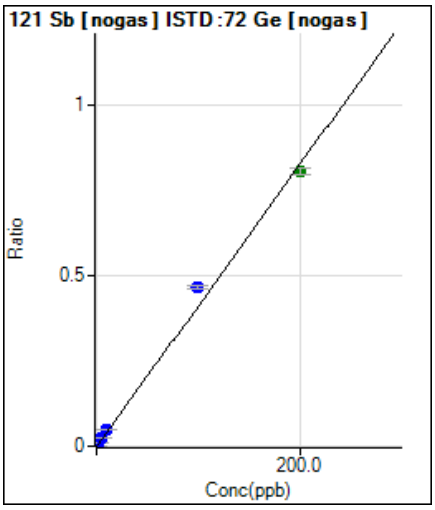
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	52615.45	0.0260	P	5.0	
2	☐	2.000	0.233	55166.32	0.0268	P	1.4	-88.3
3	☐	5.000	-1.730	41950.30	0.0203	P	1.4	-134.
4	☐	10.000	3.221	75143.56	0.0366	P	0.2	-67.8
5	☐	100.000	99.123	710207.96	0.3528	P	2.5	-0.9
6	☐	200.000	200.963	1370660.03	0.6884	P	4.8	0.5
7	☐	1.000						

y = 0.0033 * x + 0.0260
R = 0.9995
DL = 1.176 ppb
BEC = 7.897 ppb

Weight: <None>
Min Conc: <None>

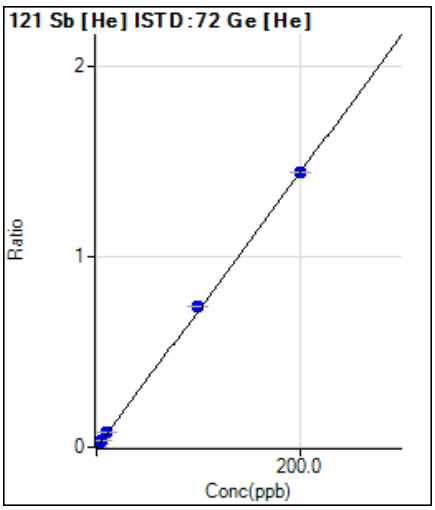


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3543.74	0.0017	P	6.0	
2	☐	2.000	2.224	23075.46	0.0109	P	3.8	11.2
3	☐	5.000	5.360	50980.81	0.0239	P	3.2	7.2
4	☐	10.000	11.142	101039.30	0.0479	P	3.6	11.4
5	☐	100.000	112.058	984199.88	0.4655	P	2.5	12.1
6	☐	200.000	193.903	1705288.57	0.8043	A	2.9	-3.0
7	☐	1.000						

y = 0.0041 * x + 0.0017
R = 0.9974
DL = 0.07506 ppb
BEC = 0.4196 ppb

Weight: <None>
Min Conc: <None>

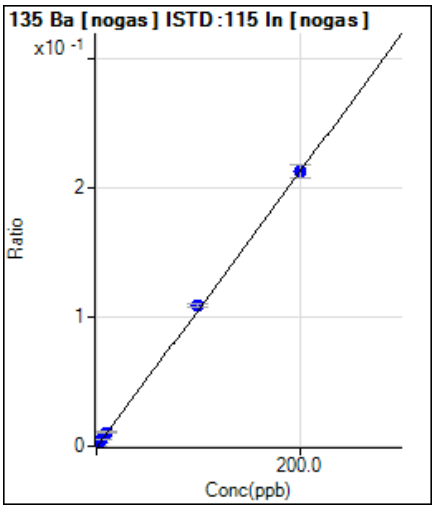
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2153.50	0.0023	P	8.3	
2	☐	2.000	1.995	15917.45	0.0167	P	2.2	-0.2
3	☐	5.000	4.734	35192.13	0.0365	P	1.0	-5.3
4	☐	10.000	9.961	71438.57	0.0743	P	0.7	-0.4
5	☐	100.000	101.663	692211.86	0.7372	P	0.5	1.7
6	☐	200.000	199.177	1353037.84	1.4421	P	0.4	-0.4
7	☐	1.000						

y = 0.0072 * x + 0.0023
R = 0.9999
DL = 0.07777 ppb
BEC = 0.3139 ppb

Weight: <None>
Min Conc: <None>

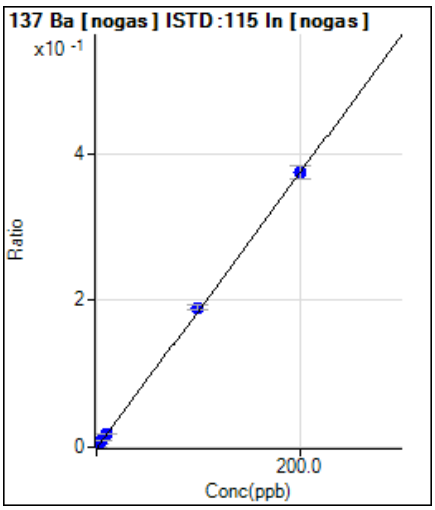


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	86.67	0.0000	P	29.4	
2	☐	2.000	2.028	4550.66	0.0022	P	4.3	1.4
3	☐	5.000	4.909	10916.93	0.0053	P	6.2	-1.8
4	☐	10.000	10.123	22274.62	0.0109	P	0.9	1.2
5	☐	100.000	101.622	218751.06	0.1087	P	2.6	1.6
6	☐	200.000	199.185	423873.52	0.2129	P	5.1	-0.4
7	☐	1.000						

y = 0.0011 * x + 4.2862E-005
R = 1.0000
DL = 0.03532 ppb
BEC = 0.04011 ppb

Weight: <None>
Min Conc: <None>

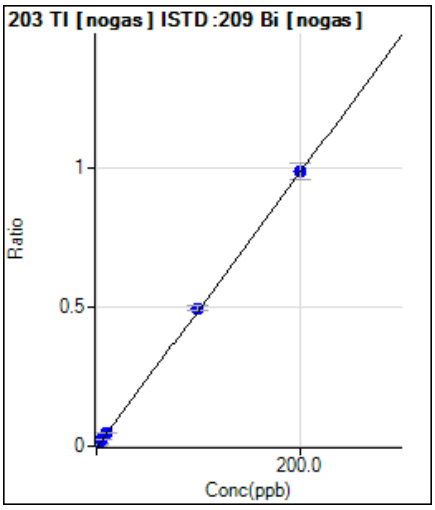
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	170.00	0.0001	P	37.2	
2	☐	2.000	1.995	7891.95	0.0038	P	2.5	-0.2
3	☐	5.000	4.854	19003.98	0.0092	P	1.3	-2.9
4	☐	10.000	10.054	38913.98	0.0190	P	1.8	0.5
5	☐	100.000	101.406	383869.18	0.1907	P	2.8	1.4
6	☐	200.000	199.298	745863.19	0.3746	P	5.0	-0.4
7	☐	1.000						

y = 0.0019 * x + 8.4118E-005
R = 1.0000
DL = 0.04997 ppb
BEC = 0.04476 ppb

Weight: <None>
Min Conc: <None>

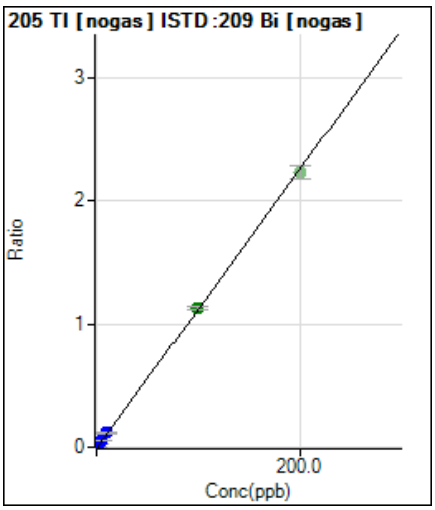


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	56.67	0.0000	P	37.1	
2	☐	2.000	1.864	14489.94	0.0092	P	8.9	-6.8
3	☐	5.000	4.734	36988.62	0.0234	P	2.1	-5.3
4	☐	10.000	9.670	75924.31	0.0478	P	4.7	-3.3
5	☐	100.000	100.254	765116.65	0.4956	P	4.1	0.3
6	☐	200.000	199.898	1469664.25	0.9882	P	6.2	-0.1
7	☐	1.000						

y = 0.0049 * x + 3.5362E-005
R = 1.0000
DL = 0.007952 ppb
BEC = 0.007154 ppb

Weight: <None>
Min Conc: <None>

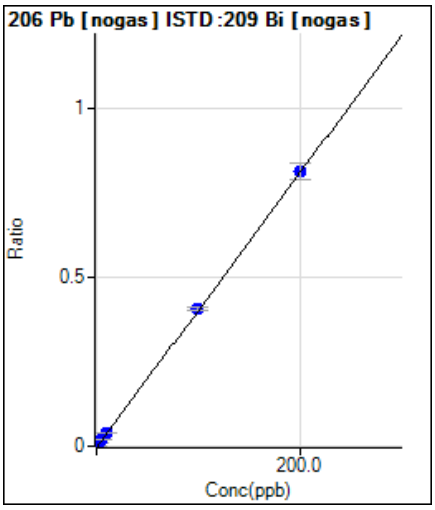
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	90.00	0.0001	P	10.5	
2	☐	2.000	2.007	35819.43	0.0229	P	6.9	0.4
3	☐	5.000	5.010	89921.55	0.0570	P	2.0	0.2
4	☐	10.000	10.085	181990.64	0.1147	P	4.4	0.9
5	☐	100.000	99.991	1754799.29	1.1363	A	2.2	0.0
6	☑	200.000		3325020.68	2.2340	A	4.3	
7	☐	1.000						

y = 0.0114 * x + 5.6109E-005
R = 1.0000
DL = 0.001552 ppb
BEC = 0.004938 ppb

Weight: <None>
Min Conc: <None>

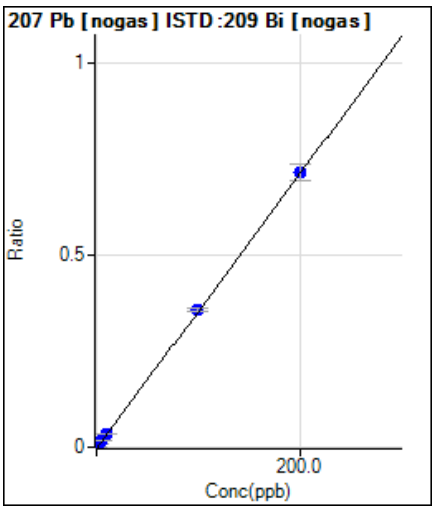


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	146.67	0.0001	P	24.0	
2	☐	2.000	1.948	12548.33	0.0080	P	6.6	-2.6
3	☐	5.000	4.873	31400.36	0.0199	P	3.4	-2.5
4	☐	10.000	9.645	62368.51	0.0393	P	5.4	-3.5
5	☐	100.000	99.943	627476.53	0.4064	P	3.3	-0.1
6	☐	200.000	200.050	1209838.52	0.8134	P	5.9	0.0
7	☐	1.000						

y = 0.0041 * x + 9.1471E-005
R = 1.0000
DL = 0.0162 ppb
BEC = 0.0225 ppb

Weight: <None>
Min Conc: <None>

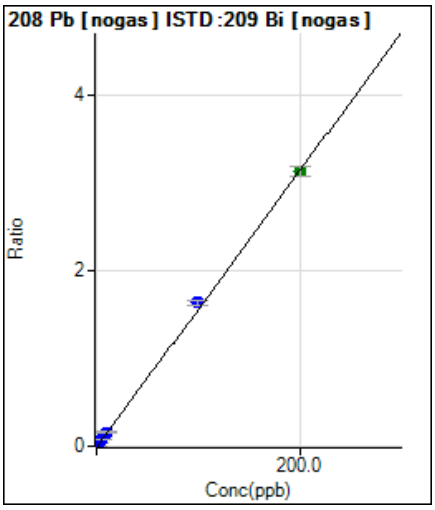
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	160.00	0.0001	P	15.8	
2	☐	2.000	1.944	11063.92	0.0071	P	2.8	-2.8
3	☐	5.000	4.850	27533.40	0.0174	P	1.4	-3.0
4	☐	10.000	9.693	55172.97	0.0348	P	5.3	-3.1
5	☐	100.000	100.146	553193.21	0.3583	P	3.0	0.1
6	☐	200.000	199.947	1063996.11	0.7152	P	5.7	0.0
7	☐	1.000						

y = 0.0036 * x + 9.9720E-005
R = 1.0000
DL = 0.01321 ppb
BEC = 0.02788 ppb

Weight: <None>
Min Conc: <None>

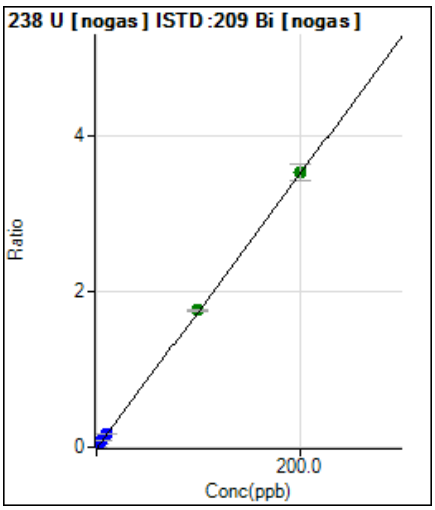


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	656.68	0.0004	P	18.4	
2	☐	2.000	2.006	50310.93	0.0321	P	5.1	0.3
3	☐	5.000	5.018	125756.32	0.0797	P	3.4	0.4
4	☐	10.000	10.019	251971.09	0.1587	P	4.4	0.2
5	☐	100.000	103.373	2523027.27	1.6341	P	3.1	3.4
6	☐	200.000	198.312	4664989.39	3.1344	A	4.1	-0.8
7	☐	1.000						

y = 0.0158 * x + 4.0955E-004
R = 0.9998
DL = 0.01429 ppb
BEC = 0.02592 ppb

Weight: <None>
Min Conc: <None>

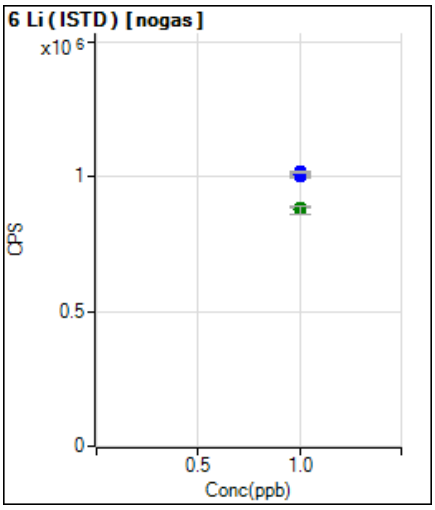
Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	40.00	0.0000	P	66.5	
2	☐	2.000	2.028	56074.87	0.0358	P	4.1	1.4
3	☐	5.000	5.021	139651.09	0.0885	P	2.4	0.4
4	☐	10.000	9.996	279591.12	0.1762	P	4.7	0.0
5	☐	100.000	99.646	2711839.23	1.7560	A	1.7	-0.4
6	☐	200.000	200.176	5246701.07	3.5275	A	5.8	0.1
7	☐	1.000						

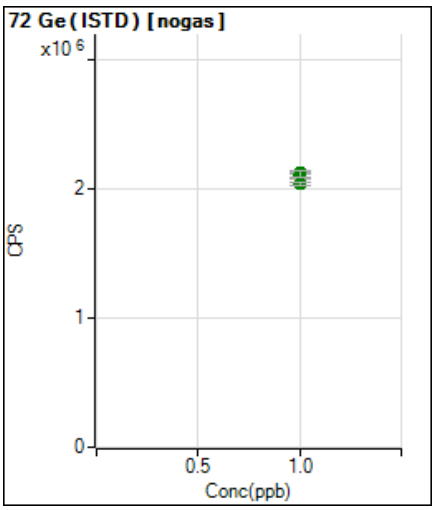
y = 0.0176 * x + 2.5000E-005
R = 1.0000
DL = 0.002831 ppb
BEC = 0.001419 ppb

Weight: <None>
Min Conc: <None>

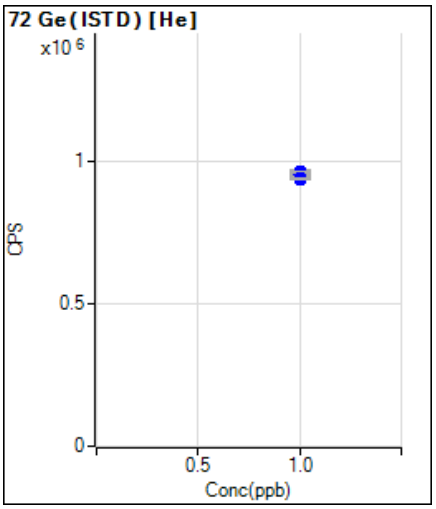


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1001806.70		P	1.1	
2	☐	1.000		1007533.53		P	1.1	
3	☐	1.000		1021400.86		P	0.1	
4	☐	1.000		1017887.11		P	0.5	
5	☐	1.000		886254.09		A	0.6	
6	☐	1.000		877807.72		A	3.1	
7	☐	1.000						

Calibration for 161_ICV.d

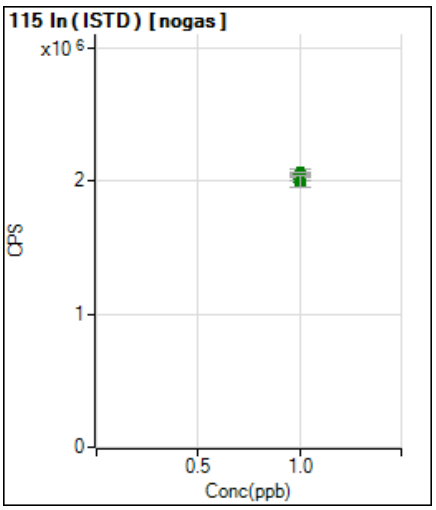


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2040722.47		A	1.4	
2	☐	1.000		2110069.39		A	2.3	
3	☐	1.000		2131489.24		A	1.5	
4	☐	1.000		2112229.40		A	1.4	
5	☐	1.000		2114907.57		A	2.1	
6	☐	1.000		2120747.94		A	2.6	
7	☐	1.000						

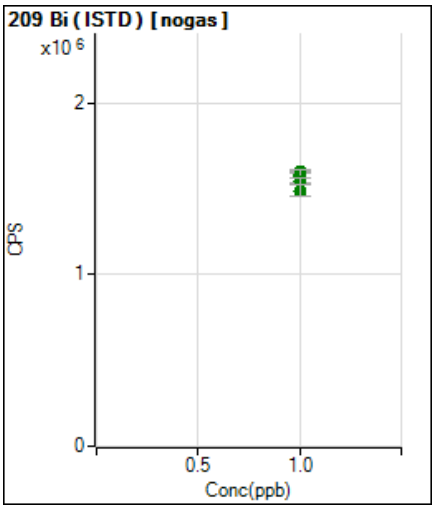


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		948710.97		P	0.8	
2	☐	1.000		953683.76		P	1.4	
3	☐	1.000		964444.36		P	0.9	
4	☐	1.000		961876.76		P	0.3	
5	☐	1.000		939037.57		P	0.8	
6	☐	1.000		938284.62		P	0.9	
7	☐	1.000						

Calibration for 161_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2022428.09		A	1.6	
2	☐	1.000		2058568.21		A	0.6	
3	☐	1.000		2064212.04		A	2.0	
4	☐	1.000		2050562.80		A	1.7	
5	☐	1.000		2013721.43		A	1.2	
6	☐	1.000		1993498.75		A	4.2	
7	☐	1.000						



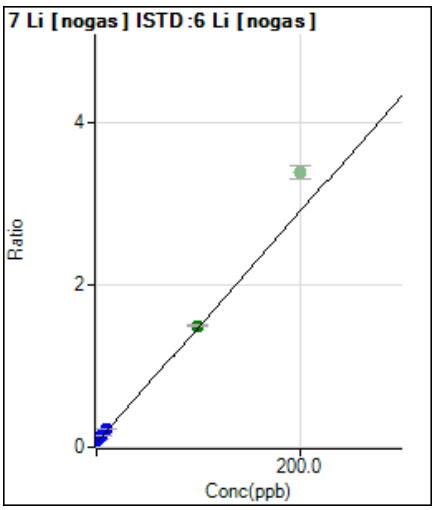
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1603336.85		A	0.7	
2	☐	1.000		1569482.63		A	4.4	
3	☐	1.000		1578311.64		A	1.5	
4	☐	1.000		1588734.98		A	3.2	
5	☐	1.000		1544759.87		A	2.3	
6	☐	1.000		1490097.84		A	4.7	
7	☐	1.000						

Calibration for 019_ICV.d

Batch Folder:	C:\Agilent\ICPMH\1\DATA\012721A.b\
Analysis File:	012721A.batch.bin
DA Date-Time:	1/27/2021 8:13:35 PM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	

Level	Standard Data File	Sample Name	Acq. Date-Time
1	012CALB.d	CAL BLK	1/27/2021 11:43:19 AM
2	013CALS.d	2/10/200	1/27/2021 11:45:22 AM
3	014CALS.d	5/25/500	1/27/2021 11:47:25 AM
4	015CALS.d	10/50/1000	1/27/2021 11:49:26 AM
5	016CALS.d	100/500/10K	1/27/2021 11:51:27 AM
6	017CALS.d	200/1000/20K	1/27/2021 11:53:26 AM
7			

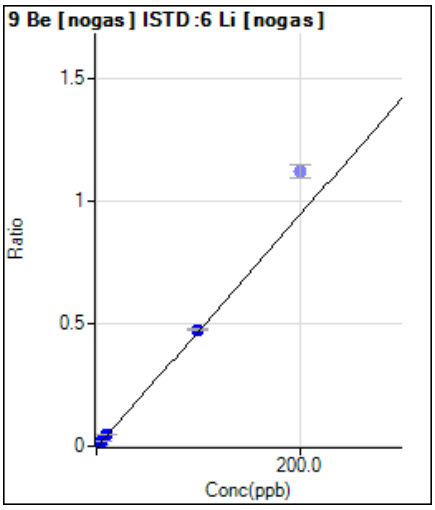
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	72197.10	0.0732	P	0.5	
2	☐	2.000	2.047	100248.86	0.1023	P	1.4	2.4
3	☐	5.000	4.997	139888.66	0.1444	P	0.8	-0.1
4	☐	10.000	9.966	209543.66	0.2152	P	0.4	-0.3
5	☐	100.000	100.003	1378067.95	1.4979	A	1.6	0.0
6	☑	200.000		2776798.40	3.3900	A	5.3	
7	☐	1.000						

y = 0.0142 * x + 0.0732
R = 1.0000
DL = 0.08462 ppb
BEC = 5.136 ppb

Weight: <None>
Min Conc: <None>

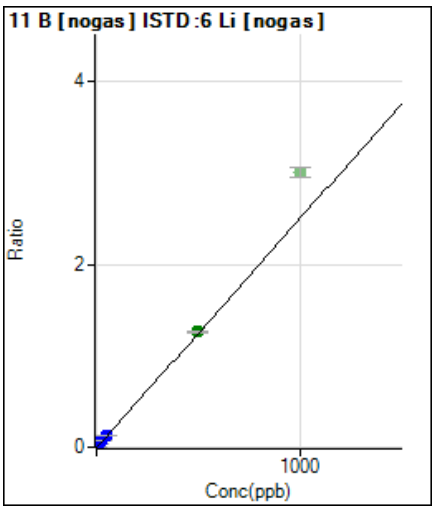


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	15.00	0.0000	P	33.6	
2	☐	2.000	1.898	8848.75	0.0090	P	4.0	-5.1
3	☐	5.000	4.688	21590.47	0.0223	P	2.6	-6.2
4	☐	10.000	9.377	43395.30	0.0446	P	1.0	-6.2
5	☐	100.000	100.080	437433.90	0.4754	P	0.6	0.1
6	☑	200.000		919168.61	1.1222	P	5.3	
7	☐	1.000						

y = 0.0048 * x + 1.5210E-005
R = 1.0000
DL = 0.003223 ppb
BEC = 0.003202 ppb

Weight: <None>
Min Conc: <None>

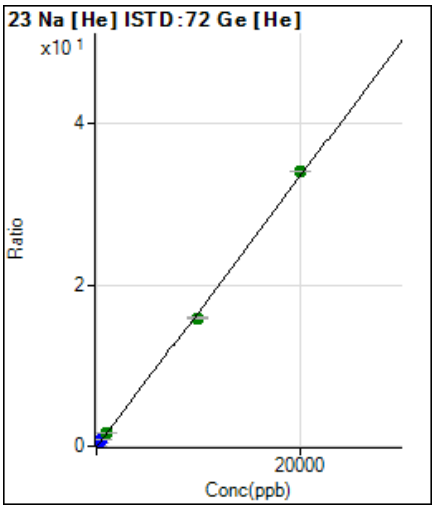
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	8713.69	0.0088	P	1.6	
2	☐	10.000	9.697	32460.69	0.0331	P	2.2	-3.0
3	☐	25.000	24.403	67836.92	0.0700	P	1.1	-2.4
4	☐	50.000	49.649	129795.72	0.1333	P	1.0	-0.7
5	☐	500.000	500.071	1161322.06	1.2622	A	1.4	0.0
6	☑	1000.000		2462966.58	3.0049	A	3.5	
7	☐	5.000						

y = 0.0025 * x + 0.0088
R = 1.0000
DL = 0.171 ppb
BEC = 3.524 ppb

Weight: <None>
Min Conc: <None>

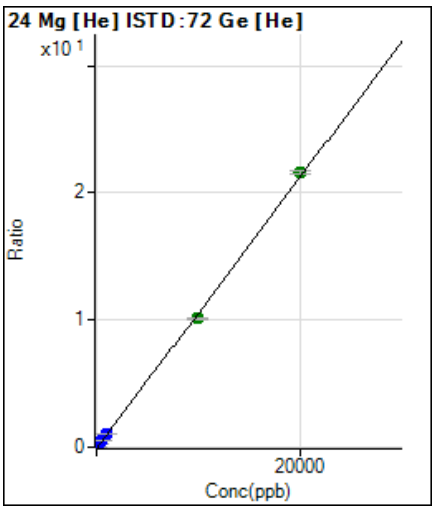


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	36208.02	0.0393	P	0.5	
2	☐	200.000	206.672	357447.89	0.3864	P	0.1	3.3
3	☐	500.000	503.455	813452.28	0.8847	P	0.3	0.7
4	☐	1000.000	946.408	1494015.60	1.6285	A	1.8	-5.4
5	☐	10000.00	9453.519	14321801.04	15.9137	A	0.6	-5.5
6	☐	20000.00	20275.76	29641845.39	34.0864	A	0.6	1.4
7	☐	100.000						

y = 0.0017 * x + 0.0393
R = 0.9995
DL = 0.3855 ppb
BEC = 23.43 ppb

Weight: <None>
Min Conc: <None>

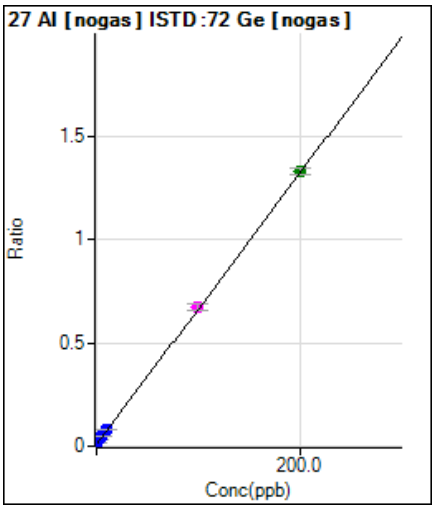
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	780.03	0.0008	P	28.3	
2	☐	200.000	207.252	205304.99	0.2219	P	1.0	3.6
3	☐	500.000	505.417	496486.63	0.5400	P	0.3	1.1
4	☐	1000.000	1002.550	981927.04	1.0703	P	1.0	0.3
5	☐	10000.00	9483.513	9105219.65	10.1173	A	1.0	-5.2
6	☐	20000.00	20257.90	18792272.22	21.6107	A	1.1	1.3
7	☐	100.000						

y = 0.0011 * x + 8.4849E-004
R = 0.9995
DL = 0.6757 ppb
BEC = 0.7954 ppb

Weight: <None>
Min Conc: <None>

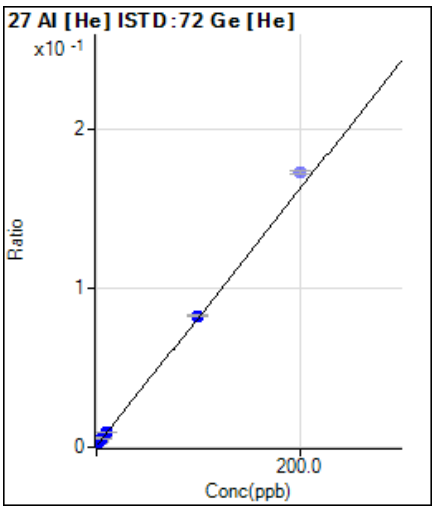


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	30034.05	0.0151	P	2.4	
2	☐	2.000	2.112	57858.23	0.0290	P	0.3	5.6
3	☐	5.000	4.880	92808.59	0.0472	P	2.7	-2.4
4	☐	10.000	10.015	159432.32	0.0810	P	3.6	0.2
5	☐	100.000	99.702	1293781.41	0.6710	M	4.9	-0.3
6	☐	200.000	200.150	2497788.71	1.3318	A	2.2	0.1
7	☐	1.000						

y = 0.0066 * x + 0.0151
R = 1.0000
DL = 0.1618 ppb
BEC = 2.294 ppb

Weight: <None>
Min Conc: <None>

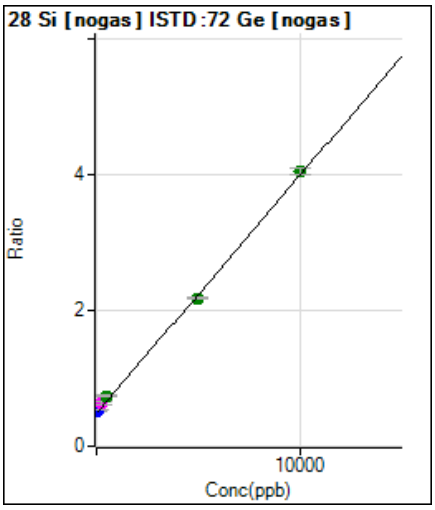
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1593.43	0.0017	P	17.2	
2	☐	2.000	2.272	3300.36	0.0036	P	8.9	13.6
3	☐	5.000	4.762	5130.78	0.0056	P	9.1	-4.8
4	☐	10.000	9.826	8872.20	0.0097	P	0.7	-1.7
5	☐	100.000	100.024	74278.08	0.0825	P	1.3	0.0
6	☑	200.000		150322.70	0.1729	P	1.7	
7	☐	1.000						

y = 8.0783E-004 * x + 0.0017
R = 1.0000
DL = 1.105 ppb
BEC = 2.145 ppb

Weight: <None>
Min Conc: <None>

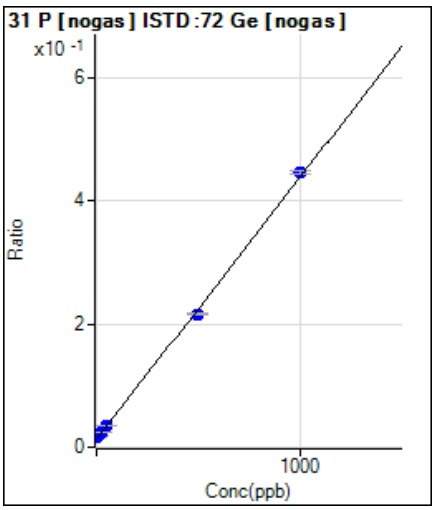


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1007422.77	0.5063	P	1.7	
2	☐	100.000	75.639	1063745.79	0.5328	P	0.1	-24.4
3	☐	250.000	353.682	1238483.78	0.6303	M	7.9	41.5
4	☐	500.000	666.369	1456866.02	0.7398	A	1.6	33.3
5	☐	5000.000	4763.017	4196428.38	2.1756	A	0.8	-4.7
6	☐	10000.00	10107.82	7593113.01	4.0488	A	2.4	1.1
7	☐	50.000						

y = 3.5047E-004 * x + 0.5063
R = 0.9994
DL = 75.49 ppb
BEC = 1445 ppb

Weight: <None>
Min Conc: <None>

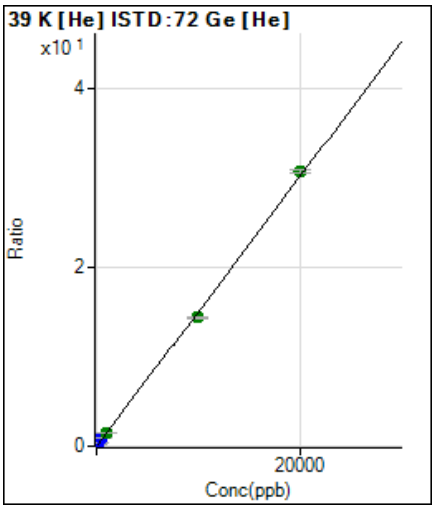
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	30084.25	0.0151	P	1.1	
2	☐	10.000	8.910	37757.90	0.0189	P	0.4	-10.9
3	☐	25.000	23.095	49056.87	0.0250	P	4.2	-7.6
4	☐	50.000	46.283	68583.77	0.0348	P	2.9	-7.4
5	☐	500.000	472.702	417548.63	0.2165	P	2.0	-5.5
6	☐	1000.000	1013.893	838422.77	0.4470	P	1.8	1.4
7	☐	5.000						

y = 4.2599E-004 * x + 0.0151
R = 0.9995
DL = 1.135 ppb
BEC = 35.49 ppb

Weight: <None>
Min Conc: <None>

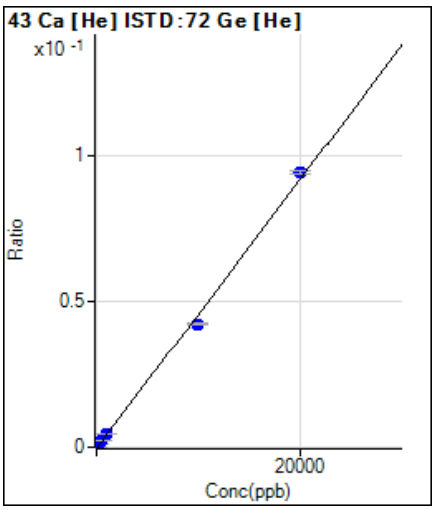


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	116642.27	0.1267	P	1.2	
2	☐	200.000	203.724	401656.46	0.4342	P	0.9	1.9
3	☐	500.000	495.710	804317.51	0.8748	P	0.0	-0.9
4	☐	1000.000	953.360	1436210.14	1.5654	A	0.6	-4.7
5	☐	10000.00	9442.464	12938077.73	14.3763	A	1.1	-5.6
6	☐	20000.00	20281.17	26724427.93	30.7330	A	1.1	1.4
7	☐	100.000						

y = 0.0015 * x + 0.1267
R = 0.9995
DL = 2.991 ppb
BEC = 83.98 ppb

Weight: <None>
Min Conc: <None>

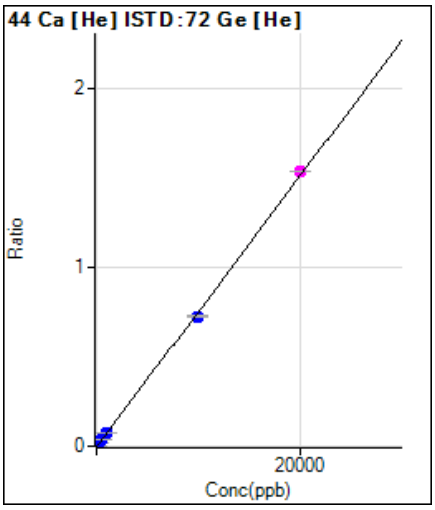
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	73.33	0.0001	P	28.6	
2	☐	200.000	217.460	1003.38	0.0011	P	9.5	8.7
3	☐	500.000	452.035	1993.48	0.0022	P	11.0	-9.6
4	☐	1000.000	918.742	3967.15	0.0043	P	1.3	-8.1
5	☐	10000.00	9133.229	38042.25	0.0423	P	0.7	-8.7
6	☐	20000.00	20438.47	82172.75	0.0945	P	1.3	2.2
7	☐	100.000						

y = 4.6195E-006 * x + 7.9737E-005
R = 0.9987
DL = 14.82 ppb
BEC = 17.26 ppb

Weight: <None>
Min Conc: <None>

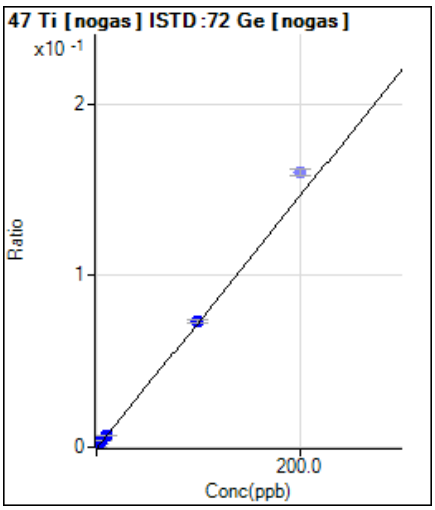


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2926.95	0.0032	P	9.8	
2	☐	200.000	186.520	15990.37	0.0173	P	2.3	-6.7
3	☐	500.000	457.425	34729.18	0.0378	P	1.0	-8.5
4	☐	1000.000	924.507	67056.39	0.0731	P	1.7	-7.5
5	☐	10000.00	9528.748	651353.43	0.7238	P	1.4	-4.7
6	☐	20000.00	20240.60	1333905.92	1.5338	M	0.6	1.2
7	☐	100.000						

y = 7.5622E-005 * x + 0.0032
R = 0.9996
DL = 12.32 ppb
BEC = 42.07 ppb

Weight: <None>
Min Conc: <None>

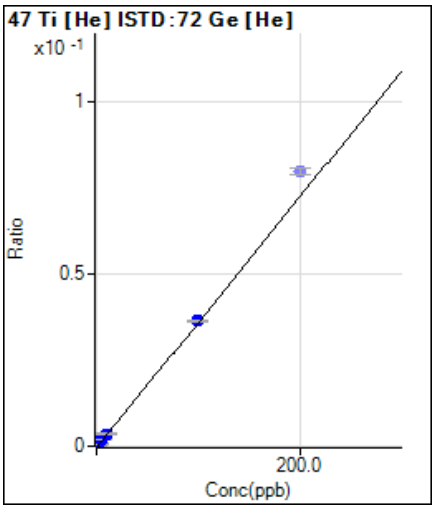
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	173.34	0.0001	P	32.5	
2	☐	2.000	2.074	3220.34	0.0016	P	2.2	3.7
3	☐	5.000	4.911	7278.19	0.0037	P	1.2	-1.8
4	☐	10.000	9.359	13731.94	0.0070	P	1.2	-6.4
5	☐	100.000	100.067	142147.18	0.0737	P	2.5	0.1
6	☑	200.000		300523.42	0.1602	P	2.1	
7	☐	1.000						

y = 7.3564E-004 * x + 8.7268E-005
R = 1.0000
DL = 0.1156 ppb
BEC = 0.1186 ppb

Weight: <None>
Min Conc: <None>

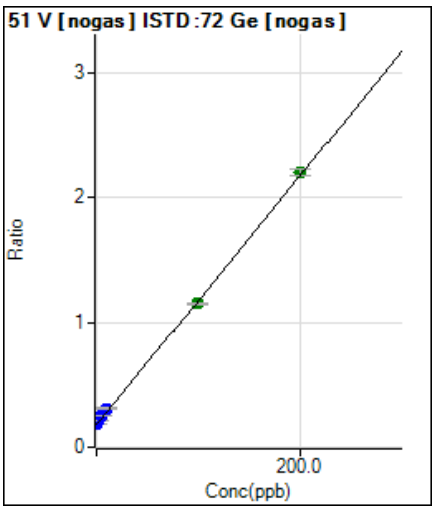


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6.67	0.0000	P	86.6	
2	☐	2.000	2.038	693.36	0.0007	P	18.1	1.9
3	☐	5.000	5.196	1746.78	0.0019	P	3.6	3.9
4	☐	10.000	9.867	3303.69	0.0036	P	5.7	-1.3
5	☐	100.000	100.003	32785.76	0.0364	P	0.9	0.0
6	☑	200.000		69388.76	0.0798	P	1.9	
7	☐	1.000						

y = 3.6422E-004 * x + 7.2665E-006
R = 1.0000
DL = 0.05184 ppb
BEC = 0.01995 ppb

Weight: <None>
Min Conc: <None>

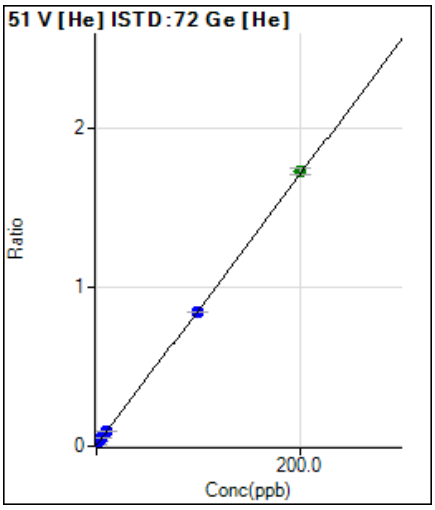
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	379777.91	0.1908	P	0.4	
2	☐	2.000	2.275	426266.52	0.2135	P	0.8	13.8
3	☐	5.000	6.336	499560.92	0.2540	P	1.6	26.7
4	☐	10.000	12.076	612637.58	0.3111	P	2.3	20.8
5	☐	100.000	96.214	2216690.90	1.1493	A	1.5	-3.8
6	☐	200.000	201.753	4127195.67	2.2006	A	2.3	0.9
7	☐	1.000						

y = 0.0100 * x + 0.1908
R = 0.9997
DL = 0.2214 ppb
BEC = 19.16 ppb

Weight: <None>
Min Conc: <None>

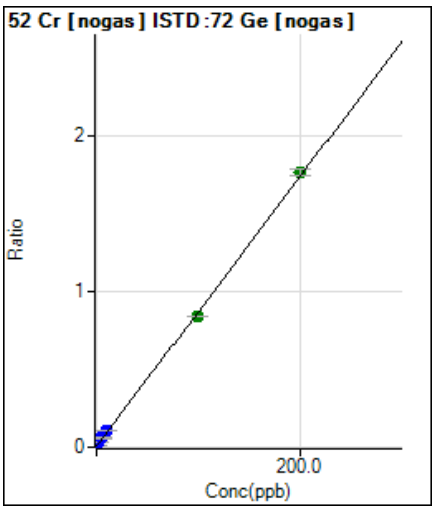


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13136.90	0.0143	P	1.9	
2	☐	2.000	2.000	28959.12	0.0313	P	1.5	0.0
3	☐	5.000	4.825	50895.73	0.0554	P	0.8	-3.5
4	☐	10.000	9.602	88096.42	0.0960	P	0.7	-4.0
5	☐	100.000	97.376	758967.04	0.8433	P	0.7	-2.6
6	☐	200.000	201.336	1502993.27	1.7285	A	2.1	0.7
7	☐	1.000						

y = 0.0085 * x + 0.0143
R = 0.9999
DL = 0.09565 ppb
BEC = 1.677 ppb

Weight: <None>
Min Conc: <None>

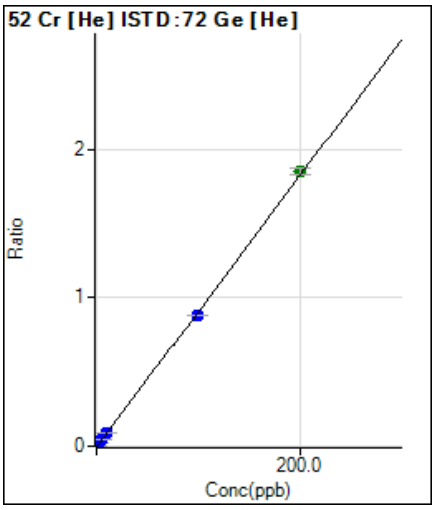
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	28912.81	0.0145	P	1.0	
2	☐	2.000	1.971	63073.47	0.0316	P	1.2	-1.5
3	☐	5.000	5.149	116224.03	0.0591	P	3.7	3.0
4	☐	10.000	10.189	202348.63	0.1028	P	2.4	1.9
5	☐	100.000	95.690	1626339.19	0.8431	A	0.5	-4.3
6	☐	200.000	202.142	3310065.79	1.7649	A	2.0	1.1
7	☐	1.000						

y = 0.0087 * x + 0.0145
R = 0.9997
DL = 0.04846 ppb
BEC = 1.678 ppb

Weight: <None>
Min Conc: <None>

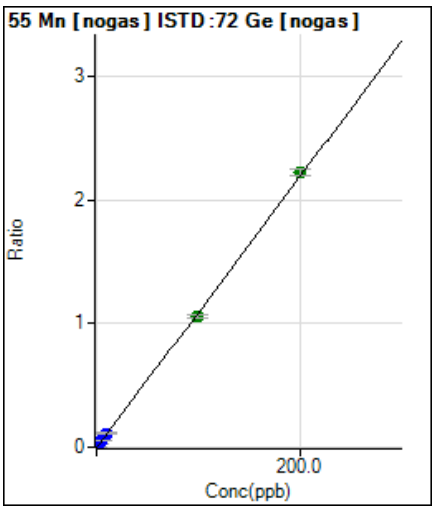


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2870.27	0.0031	P	8.9	
2	☐	2.000	1.929	19213.56	0.0208	P	2.3	-3.6
3	☐	5.000	4.665	42114.77	0.0458	P	2.4	-6.7
4	☐	10.000	9.432	82057.48	0.0894	P	0.1	-5.7
5	☐	100.000	95.993	793414.18	0.8816	P	1.0	-4.0
6	☐	200.000	202.041	1610455.44	1.8521	A	2.0	1.0
7	☐	1.000						

y = 0.0092 * x + 0.0031
R = 0.9997
DL = 0.09145 ppb
BEC = 0.3406 ppb

Weight: <None>
Min Conc: <None>

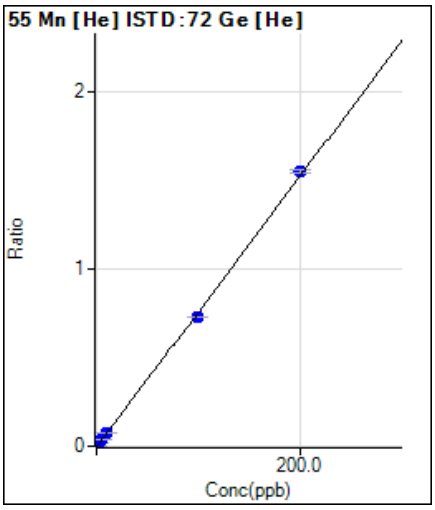
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10096.23	0.0051	P	2.6	
2	☐	2.000	1.957	53082.64	0.0266	P	0.5	-2.1
3	☐	5.000	4.931	116607.71	0.0593	P	1.1	-1.4
4	☐	10.000	9.879	223833.70	0.1137	P	2.1	-1.2
5	☐	100.000	95.901	2043079.09	1.0593	A	1.4	-4.1
6	☐	200.000	202.057	4175213.69	2.2262	A	2.0	1.0
7	☐	1.000						

y = 0.0110 * x + 0.0051
R = 0.9997
DL = 0.03595 ppb
BEC = 0.4614 ppb

Weight: <None>
Min Conc: <None>

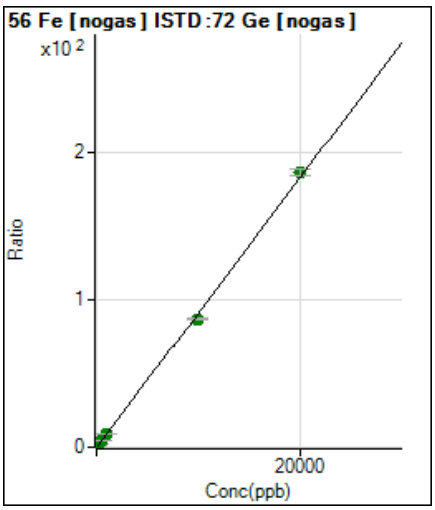


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1433.42	0.0016	P	11.0	
2	☐	2.000	1.957	15269.80	0.0165	P	3.0	-2.1
3	☐	5.000	4.644	34048.28	0.0370	P	2.6	-7.1
4	☐	10.000	9.306	66636.38	0.0726	P	0.9	-6.9
5	☐	100.000	94.916	653837.82	0.7265	P	0.5	-5.1
6	☐	200.000	202.586	1346769.77	1.5489	P	1.8	1.3
7	☐	1.000						

y = 0.0076 * x + 0.0016
R = 0.9996
DL = 0.06712 ppb
BEC = 0.2039 ppb

Weight: <None>
Min Conc: <None>

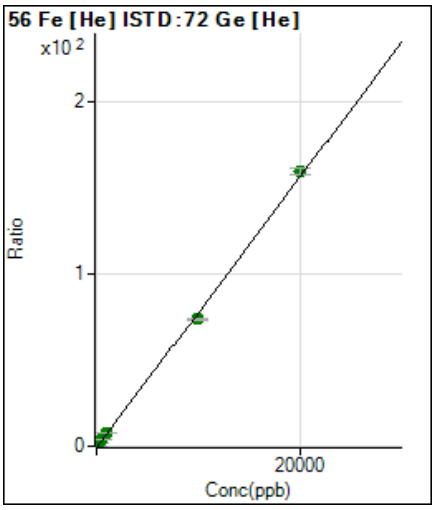
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1309853.71	0.6583	M	2.1	
2	☐	200.000	186.234	4715213.68	2.3619	A	0.7	-6.9
3	☐	500.000	466.063	9678202.15	4.9216	A	2.7	-6.8
4	☐	1000.000	930.555	18059279.31	9.1706	A	1.1	-6.9
5	☐	10000.00	9401.821	167150007.5	86.6614	A	1.6	-6.0
6	☐	20000.00	20303.54	349557861.4	186.384	A	2.0	1.5
7	☐	100.000						

y = 0.0091 * x + 0.6583
R = 0.9994
DL = 4.536 ppb
BEC = 71.97 ppb

Weight: <None>
Min Conc: <None>

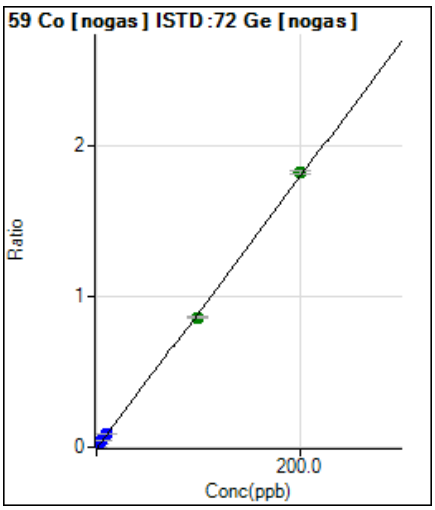


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	21579.49	0.0234	P	1.1	
2	☐	200.000	197.920	1462473.10	1.5810	A	3.5	-1.0
3	☐	500.000	471.763	3435043.91	3.7362	A	0.8	-5.6
4	☐	1000.000	929.689	6734244.90	7.3400	A	1.5	-7.0
5	☐	10000.00	9366.729	66361135.68	73.7382	A	1.3	-6.3
6	☐	20000.00	20320.87	139072807.9	159.945	A	1.9	1.6
7	☐	100.000						

y = 0.0079 * x + 0.0234
R = 0.9993
DL = 0.09584 ppb
BEC = 2.979 ppb

Weight: <None>
Min Conc: <None>

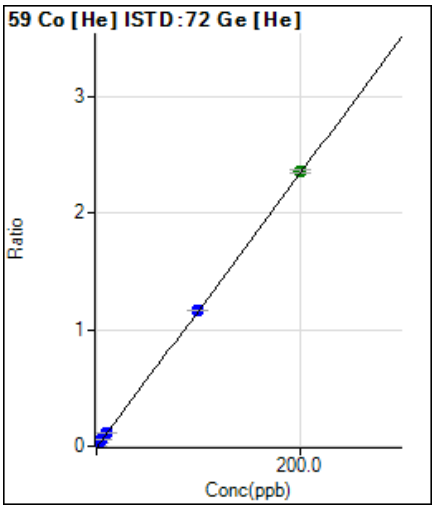
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	333.34	0.0002	P	19.5	
2	☐	2.000	2.063	37571.72	0.0188	P	1.1	3.1
3	☐	5.000	4.981	88916.65	0.0452	P	1.8	-0.4
4	☐	10.000	10.073	179670.87	0.0912	P	2.1	0.7
5	☐	100.000	95.451	1665086.64	0.8633	A	1.5	-4.5
6	☐	200.000	202.271	3430742.55	1.8292	A	1.7	1.1
7	☐	1.000						

y = 0.0090 * x + 1.6732E-004
R = 0.9996
DL = 0.01085 ppb
BEC = 0.0185 ppb

Weight: <None>
Min Conc: <None>

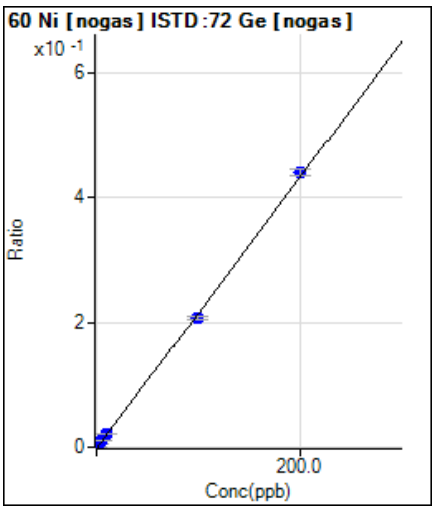


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	136.67	0.0001	P	9.3	
2	☐	2.000	1.983	21719.66	0.0235	P	2.9	-0.8
3	☐	5.000	5.006	54269.99	0.0590	P	0.7	0.1
4	☐	10.000	9.807	105971.85	0.1155	P	1.2	-1.9
5	☐	100.000	98.768	1045642.54	1.1619	P	0.2	-1.2
6	☐	200.000	200.626	2052140.86	2.3599	A	1.0	0.3
7	☐	1.000						

y = 0.0118 * x + 1.4857E-004
R = 1.0000
DL = 0.003539 ppb
BEC = 0.01263 ppb

Weight: <None>
Min Conc: <None>

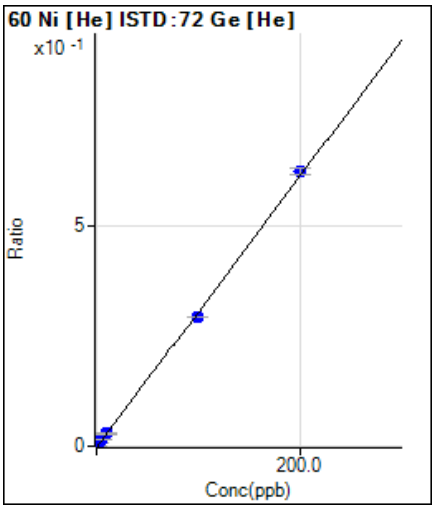
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	433.34	0.0002	P	10.6	
2	☐	2.000	1.829	8378.70	0.0042	P	0.4	-8.6
3	☐	5.000	4.755	20788.62	0.0106	P	1.8	-4.9
4	☐	10.000	9.508	41172.92	0.0209	P	1.8	-4.9
5	☐	100.000	94.872	398603.69	0.2067	P	2.4	-5.1
6	☐	200.000	202.596	827277.85	0.4411	P	2.1	1.3
7	☐	1.000						

y = 0.0022 * x + 2.1764E-004
R = 0.9995
DL = 0.0317 ppb
BEC = 0.1 ppb

Weight: <None>
Min Conc: <None>

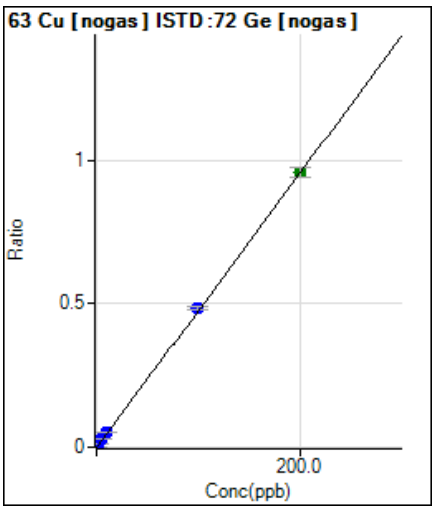


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	256.67	0.0003	P	12.9	
2	☐	2.000	1.865	5590.93	0.0060	P	3.3	-6.7
3	☐	5.000	4.679	13555.19	0.0147	P	4.1	-6.4
4	☐	10.000	9.076	25991.92	0.0283	P	2.6	-9.2
5	☐	100.000	95.214	265091.82	0.2946	P	0.4	-4.8
6	☐	200.000	202.449	544305.49	0.6260	P	2.0	1.2
7	☐	1.000						

y = 0.0031 * x + 2.7900E-004
R = 0.9996
DL = 0.035 ppb
BEC = 0.09027 ppb

Weight: <None>
Min Conc: <None>

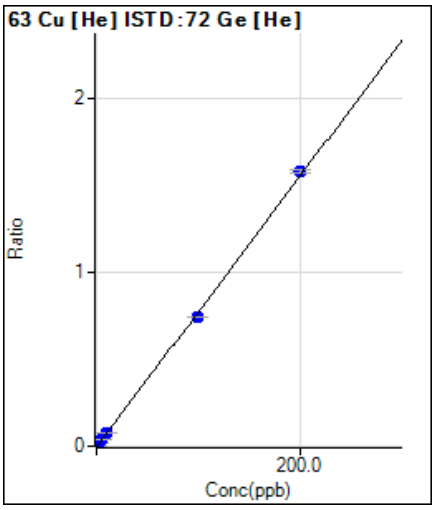
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5030.76	0.0025	P	3.4	
2	☐	2.000	1.992	24116.14	0.0121	P	0.9	-0.4
3	☐	5.000	5.006	52183.88	0.0265	P	2.4	0.1
4	☐	10.000	9.879	98257.43	0.0499	P	2.4	-1.2
5	☐	100.000	101.037	939341.11	0.4871	P	2.6	1.0
6	☐	200.000	199.488	1798803.99	0.9592	A	3.2	-0.3
7	☐	1.000						

y = 0.0048 * x + 0.0025
R = 1.0000
DL = 0.05433 ppb
BEC = 0.5271 ppb

Weight: <None>
Min Conc: <None>

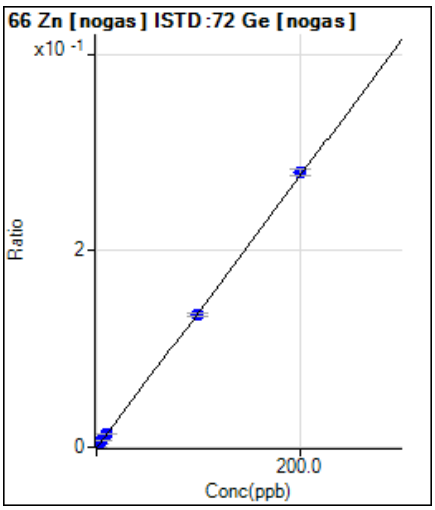


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2676.92	0.0029	P	9.3	
2	☐	2.000	1.990	17001.36	0.0184	P	5.1	-0.5
3	☐	5.000	4.720	36416.38	0.0396	P	0.3	-5.6
4	☐	10.000	9.395	69688.24	0.0760	P	1.4	-6.0
5	☐	100.000	94.951	667039.89	0.7412	P	1.0	-5.0
6	☐	200.000	202.562	1372046.02	1.5779	P	1.4	1.3
7	☐	1.000						

y = 0.0078 * x + 0.0029
R = 0.9996
DL = 0.1041 ppb
BEC = 0.3742 ppb

Weight: <None>
Min Conc: <None>

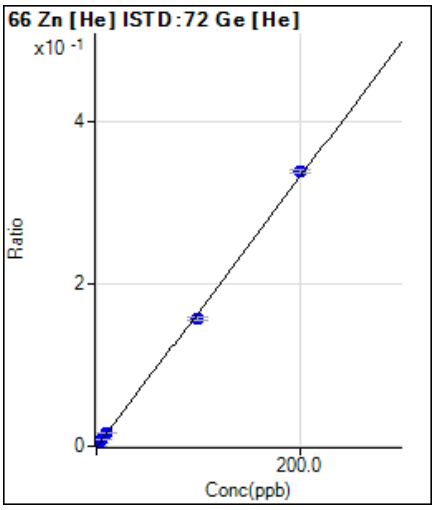
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	716.69	0.0004	P	5.6	
2	☐	2.000	1.841	5814.35	0.0029	P	3.4	-7.9
3	☐	5.000	4.696	13491.79	0.0069	P	7.7	-6.1
4	☐	10.000	9.454	26512.76	0.0135	P	3.1	-5.5
5	☐	100.000	96.768	259385.99	0.1345	P	2.5	-3.2
6	☐	200.000	201.653	524905.23	0.2799	P	2.1	0.8
7	☐	1.000						

y = 0.0014 * x + 3.6032E-004
R = 0.9998
DL = 0.04371 ppb
BEC = 0.2599 ppb

Weight: <None>
Min Conc: <None>

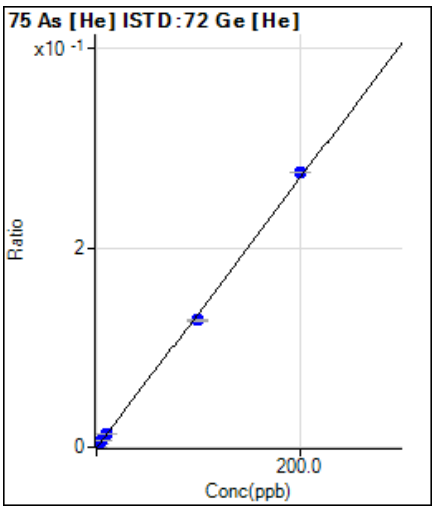


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	313.34	0.0003	P	7.1	
2	☐	2.000	2.066	3500.38	0.0038	P	2.1	3.3
3	☐	5.000	4.777	7631.70	0.0083	P	8.4	-4.5
4	☐	10.000	9.386	14666.05	0.0160	P	5.0	-6.1
5	☐	100.000	93.979	141247.84	0.1570	P	1.5	-6.0
6	☐	200.000	203.046	294519.81	0.3387	P	1.2	1.5
7	☐	1.000						

y = 0.0017 * x + 3.4042E-004
R = 0.9994
DL = 0.04344 ppb
BEC = 0.2043 ppb

Weight: <None>
Min Conc: <None>

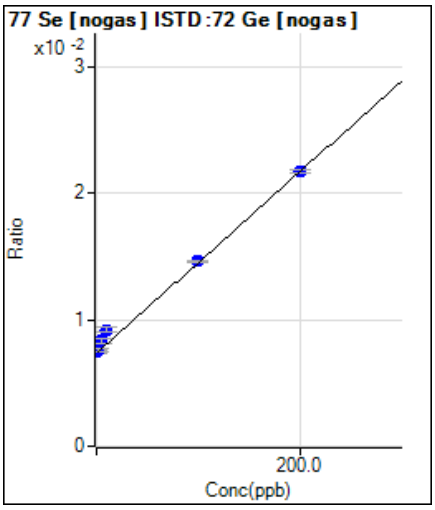
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	524.46	0.0006	P	4.6	
2	☐	2.000	1.886	2886.91	0.0031	P	1.6	-5.7
3	☐	5.000	4.531	6158.85	0.0067	P	3.3	-9.4
4	☐	10.000	9.204	11947.28	0.0130	P	2.8	-8.0
5	☐	100.000	93.492	114335.47	0.1270	P	1.2	-6.5
6	☐	200.000	203.307	239669.60	0.2756	P	0.5	1.7
7	☐	1.000						

y = 0.0014 * x + 5.6998E-004
R = 0.9993
DL = 0.05818 ppb
BEC = 0.4213 ppb

Weight: <None>
Min Conc: <None>

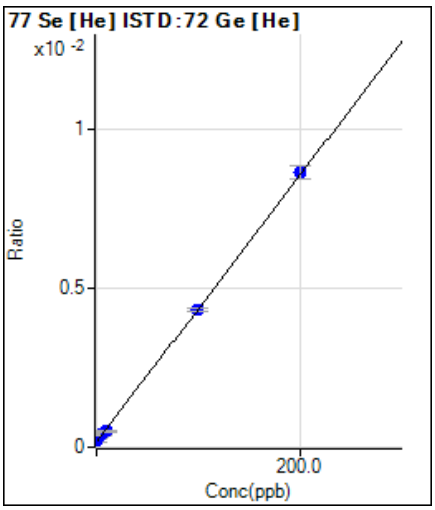


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	14849.57	0.0075	P	2.0	
2	☐	2.000	2.380	15236.56	0.0076	P	3.3	19.0
3	☐	5.000	12.225	16397.64	0.0083	P	3.7	144.5
4	☐	10.000	24.511	18145.90	0.0092	P	4.3	145.1
5	☐	100.000	100.045	28225.43	0.0146	P	0.5	0.0
6	☐	200.000	199.067	40759.28	0.0217	P	1.0	-0.5
7	☐	1.000						

y = 7.1677E-005 * x + 0.0075
R = 0.9976
DL = 6.215 ppb
BEC = 104.1 ppb

Weight: <None>
Min Conc: <None>

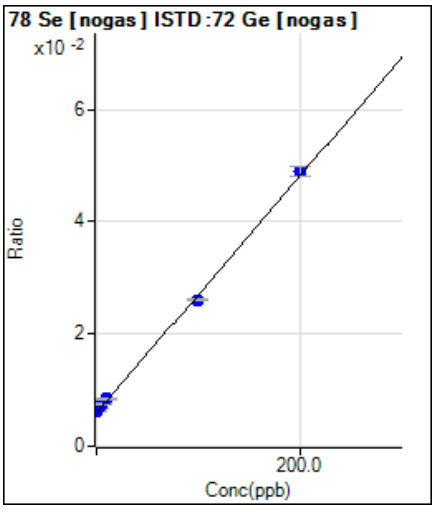
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	190.01	0.0002	P	42.8	
2	☐	2.000	2.711	296.68	0.0003	P	20.6	35.6
3	☐	5.000	4.487	363.34	0.0004	P	14.0	-10.3
4	☐	10.000	7.013	460.01	0.0005	P	10.9	-29.9
5	☐	100.000	98.251	3900.48	0.0043	P	2.6	-1.7
6	☐	200.000	201.030	7521.69	0.0087	P	4.6	0.5
7	☐	1.000						

y = 4.2006E-005 * x + 2.0685E-004
R = 0.9998
DL = 6.328 ppb
BEC = 4.924 ppb

Weight: <None>
Min Conc: <None>

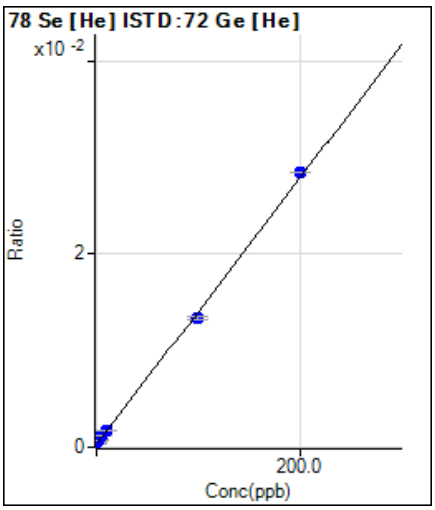


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	12347.68	0.0062	P	1.4	
2	☐	2.000	2.338	13371.76	0.0067	P	1.1	16.9
3	☐	5.000	6.048	14712.85	0.0075	P	2.0	21.0
4	☐	10.000	10.573	16607.80	0.0084	P	3.6	5.7
5	☐	100.000	94.365	50376.87	0.0261	P	2.0	-5.6
6	☐	200.000	202.759	91887.56	0.0490	P	3.0	1.4
7	☐	1.000						

y = 2.1106E-004 * x + 0.0062
R = 0.9994
DL = 1.233 ppb
BEC = 29.4 ppb

Weight: <None>
Min Conc: <None>

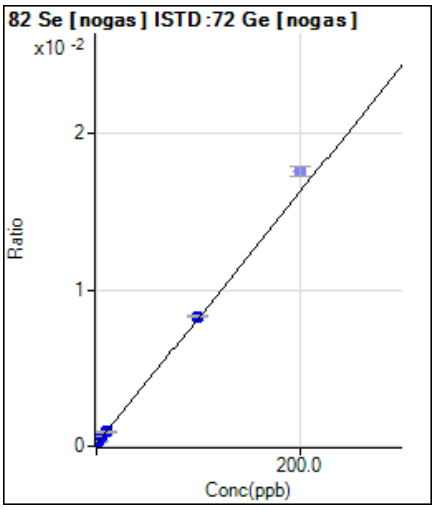
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	400.01	0.0004	P	2.9	
2	☐	2.000	2.323	698.68	0.0008	P	9.6	16.1
3	☐	5.000	5.192	1058.70	0.0012	P	3.7	3.8
4	☐	10.000	9.251	1570.74	0.0017	P	5.7	-7.5
5	☐	100.000	93.649	12027.99	0.0134	P	1.7	-6.4
6	☐	200.000	203.205	24776.80	0.0285	P	0.5	1.6
7	☐	1.000						

y = 1.3807E-004 * x + 4.3461E-004
R = 0.9993
DL = 0.2694 ppb
BEC = 3.148 ppb

Weight: <None>
Min Conc: <None>

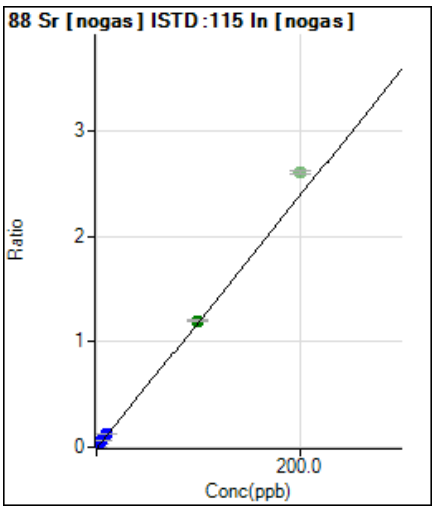


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	416.68	0.0002	P	20.8	
2	☐	2.000	1.438	650.02	0.0003	P	15.5	-28.1
3	☐	5.000	5.250	1246.74	0.0006	P	6.6	5.0
4	☐	10.000	9.068	1856.79	0.0009	P	11.2	-9.3
5	☐	100.000	100.092	15997.25	0.0083	P	1.4	0.1
6	☑	200.000		32977.08	0.0176	P	3.4	
7	☐	1.000						

y = 8.0752E-005 * x + 2.0955E-004
R = 0.9999
DL = 1.621 ppb
BEC = 2.595 ppb

Weight: <None>
Min Conc: <None>

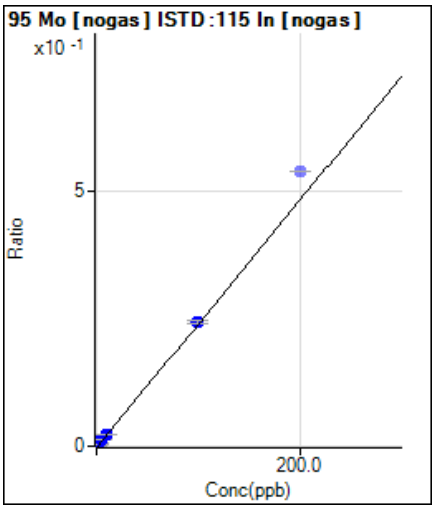
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	983.38	0.0005	P	9.6	
2	☐	2.000	2.126	48822.86	0.0260	P	0.6	6.3
3	☐	5.000	5.281	120067.33	0.0638	P	0.9	5.6
4	☐	10.000	10.502	234769.23	0.1264	P	4.4	5.0
5	☐	100.000	99.933	2206252.73	1.1978	A	2.0	-0.1
6	☑	200.000		4589134.62	2.6042	A	1.0	
7	☐	1.000						

y = 0.0120 * x + 5.2616E-004
R = 1.0000
DL = 0.01269 ppb
BEC = 0.04392 ppb

Weight: <None>
Min Conc: <None>

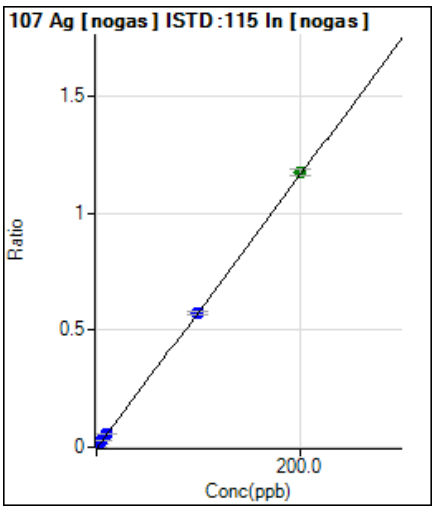


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	163.33	0.0001	P	26.3	
2	☐	2.000	1.983	9192.51	0.0049	P	5.3	-0.9
3	☐	5.000	4.746	21830.17	0.0116	P	3.0	-5.1
4	☐	10.000	9.707	43940.73	0.0236	P	1.8	-2.9
5	☐	100.000	100.042	447150.49	0.2428	P	3.1	0.0
6	☑	200.000		949616.31	0.5388	P	0.3	
7	☐	1.000						

y = 0.0024 * x + 8.7594E-005
R = 1.0000
DL = 0.02852 ppb
BEC = 0.0361 ppb

Weight: <None>
Min Conc: <None>

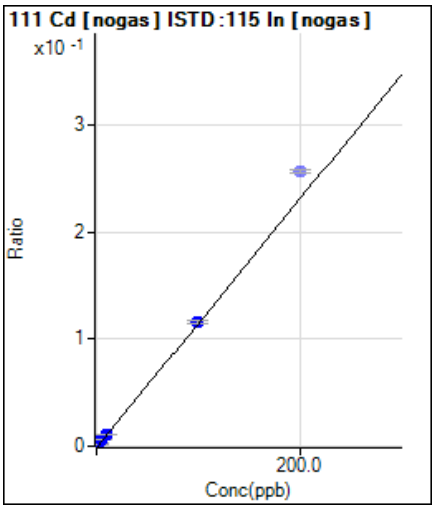
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	36.67	0.0000	P	42.2	
2	☐	2.000	1.925	21126.16	0.0113	P	1.0	-3.8
3	☐	5.000	4.830	53095.99	0.0282	P	0.6	-3.4
4	☐	10.000	9.693	105176.57	0.0566	P	2.9	-3.1
5	☐	100.000	97.913	1052549.59	0.5715	P	2.5	-2.1
6	☐	200.000	201.064	2067795.23	1.1735	A	1.8	0.5
7	☐	1.000						

y = 0.0058 * x + 1.9671E-005
R = 0.9999
DL = 0.004263 ppb
BEC = 0.00337 ppb

Weight: <None>
Min Conc: <None>

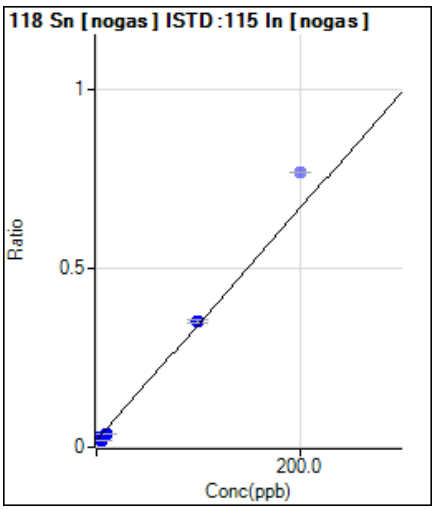


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	0.00	0.0000	P		
2	☐	2.000	1.988	4333.92	0.0023	P	4.9	-0.6
3	☐	5.000	4.895	10696.76	0.0057	P	2.3	-2.1
4	☐	10.000	9.722	20996.08	0.0113	P	2.2	-2.8
5	☐	100.000	100.033	213907.43	0.1162	P	2.8	0.0
6	☑	200.000		452106.67	0.2565	P	1.0	
7	☐	1.000						

y = 0.0012 * x + 0.0000E+000
R = 1.0000
DL = 0 ppb
BEC = 0 ppb

Weight: <None>
Min Conc: <None>

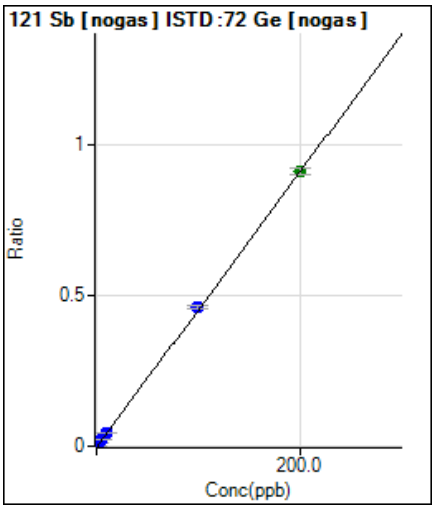
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	43751.36	0.0234	P	0.5	
2	☐	2.000	1.198	51211.63	0.0273	P	1.9	-40.1
3	☐	5.000	-0.998	37974.54	0.0202	P	1.1	-120.
4	☐	10.000	4.100	68112.04	0.0367	P	5.7	-59.0
5	☐	100.000	100.906	644311.19	0.3498	P	2.5	0.9
6	☑	200.000		1351306.33	0.7668	P	0.1	
7	☐	1.000						

y = 0.0032 * x + 0.0234
R = 0.9979
DL = 0.1135 ppb
BEC = 7.235 ppb

Weight: <None>
Min Conc: <None>

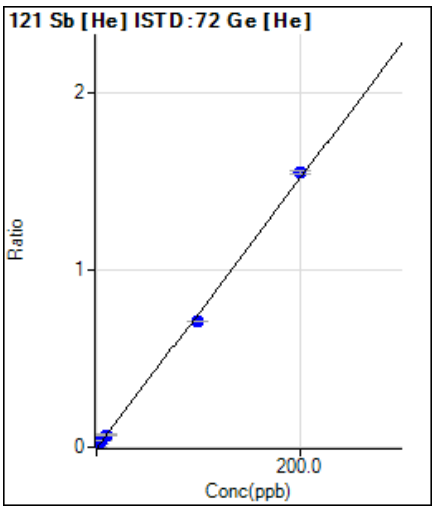


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1180.06	0.0006	P	7.6	
2	☐	2.000	1.940	18923.78	0.0095	P	2.6	-3.0
3	☐	5.000	4.751	43972.00	0.0224	P	1.5	-5.0
4	☐	10.000	9.534	87155.29	0.0443	P	2.9	-4.7
5	☐	100.000	101.267	895738.95	0.4645	P	2.6	1.3
6	☐	200.000	199.397	1714056.12	0.9140	A	2.8	-0.3
7	☐	1.000						

y = 0.0046 * x + 5.9269E-004
R = 1.0000
DL = 0.02937 ppb
BEC = 0.1294 ppb

Weight: <None>
Min Conc: <None>

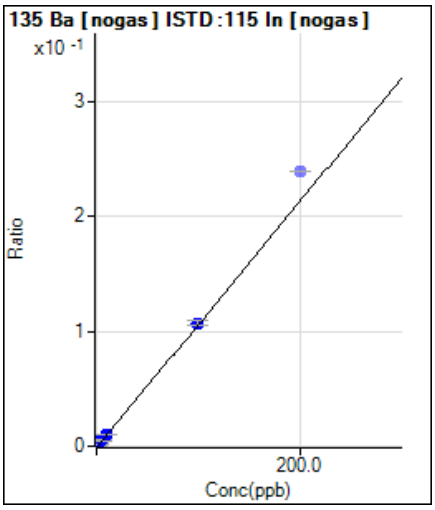
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	923.38	0.0010	P	10.2	
2	☐	2.000	1.803	13608.80	0.0147	P	1.9	-9.9
3	☐	5.000	4.374	31498.60	0.0343	P	1.7	-12.5
4	☐	10.000	9.037	63959.62	0.0697	P	0.8	-9.6
5	☐	100.000	93.084	637887.72	0.7088	P	1.2	-6.9
6	☐	200.000	203.524	1346606.34	1.5485	P	0.8	1.8
7	☐	1.000						

y = 0.0076 * x + 0.0010
R = 0.9992
DL = 0.04035 ppb
BEC = 0.1319 ppb

Weight: <None>
Min Conc: <None>

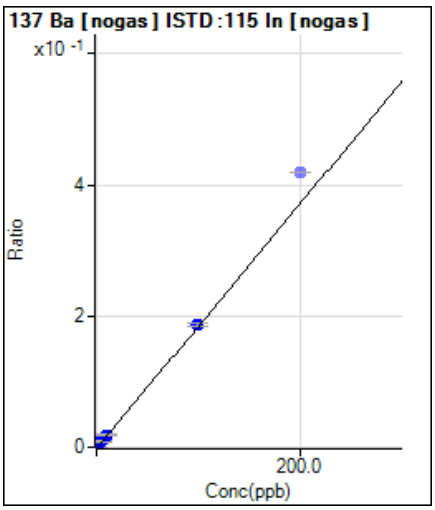


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	76.67	0.0000	P	21.4	
2	☐	2.000	1.923	3947.17	0.0021	P	6.8	-3.9
3	☐	5.000	4.694	9559.45	0.0051	P	2.6	-6.1
4	☐	10.000	9.477	18973.93	0.0102	P	4.3	-5.2
5	☐	100.000	100.069	197851.95	0.1074	P	3.2	0.1
6	☑	200.000		422123.61	0.2395	P	0.4	
7	☐	1.000						

y = 0.0011 * x + 4.1104E-005
R = 1.0000
DL = 0.02458 ppb
BEC = 0.0383 ppb

Weight: <None>
Min Conc: <None>

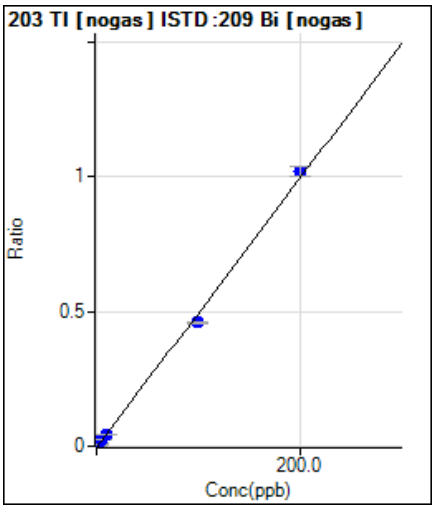
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	120.00	0.0001	P	15.7	
2	☐	2.000	2.043	7278.32	0.0039	P	2.3	2.1
3	☐	5.000	4.730	16738.36	0.0089	P	2.0	-5.4
4	☐	10.000	9.959	34648.46	0.0187	P	5.8	-0.4
5	☐	100.000	100.017	343941.77	0.1868	P	2.9	0.0
6	☑	200.000		739029.63	0.4193	P	0.2	
7	☐	1.000						

y = 0.0019 * x + 6.4286E-005
R = 1.0000
DL = 0.0162 ppb
BEC = 0.03444 ppb

Weight: <None>
Min Conc: <None>

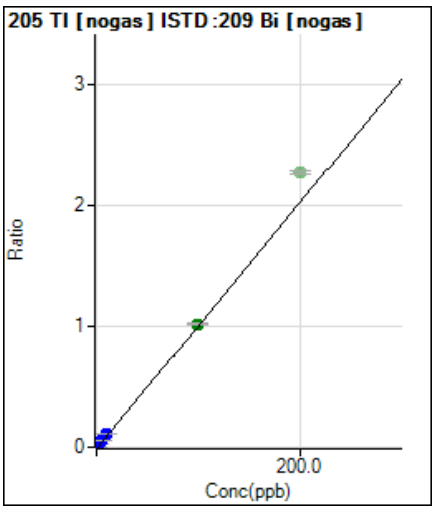


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	20.00	0.0000	P	48.2	
2	☐	2.000	1.841	13439.01	0.0092	P	5.1	-7.9
3	☐	5.000	4.440	32268.67	0.0222	P	3.4	-11.2
4	☐	10.000	8.804	65108.52	0.0440	P	3.6	-12.0
5	☐	100.000	91.951	665205.04	0.4596	P	1.3	-8.0
6	☐	200.000	204.100	1447584.04	1.0202	P	3.5	2.1
7	☐	1.000						

y = 0.0050 * x + 1.3960E-005
R = 0.9989
DL = 0.004039 ppb
BEC = 0.002793 ppb

Weight: <None>
Min Conc: <None>

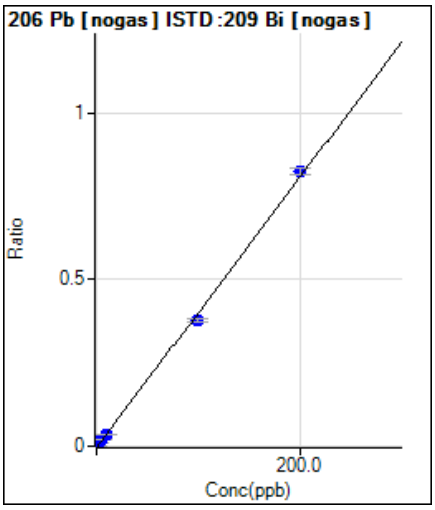
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	110.00	0.0001	P	35.4	
2	☐	2.000	2.109	31480.44	0.0216	P	1.2	5.4
3	☐	5.000	5.117	75948.40	0.0523	P	0.4	2.3
4	☐	10.000	10.328	155927.02	0.1054	P	3.4	3.3
5	☐	100.000	99.959	1475642.95	1.0195	A	2.0	0.0
6	☑	200.000		3233689.01	2.2788	A	1.8	
7	☐	1.000						

y = 0.0102 * x + 7.5661E-005
R = 1.0000
DL = 0.007873 ppb
BEC = 0.007419 ppb

Weight: <None>
Min Conc: <None>

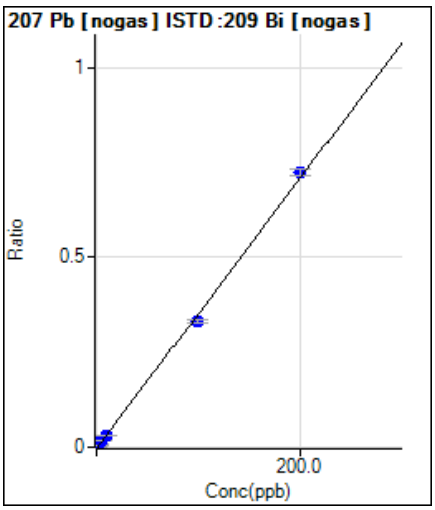


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	150.00	0.0001	P	43.8	
2	☐	2.000	1.920	11510.90	0.0079	P	4.4	-4.0
3	☐	5.000	4.576	27116.16	0.0187	P	2.5	-8.5
4	☐	10.000	8.861	53323.48	0.0360	P	0.8	-11.4
5	☐	100.000	93.603	549459.99	0.3797	P	2.7	-6.4
6	☐	200.000	203.267	1169705.09	0.8243	P	1.9	1.6
7	☐	1.000						

y = 0.0041 * x + 1.0600E-004
R = 0.9993
DL = 0.03436 ppb
BEC = 0.02614 ppb

Weight: <None>
Min Conc: <None>

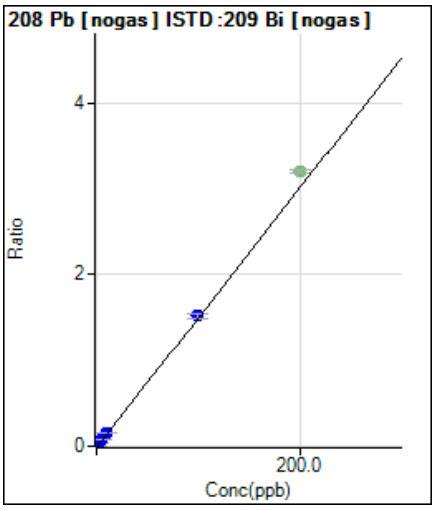
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	123.33	0.0001	P	37.0	
2	☐	2.000	1.810	9526.29	0.0065	P	3.6	-9.5
3	☐	5.000	4.547	23670.72	0.0163	P	2.8	-9.1
4	☐	10.000	8.892	47000.78	0.0318	P	1.7	-11.1
5	☐	100.000	93.320	481330.39	0.3326	P	2.9	-6.7
6	☐	200.000	203.409	1028496.00	0.7248	P	2.0	1.7
7	☐	1.000						

y = 0.0036 * x + 8.5507E-005
R = 0.9992
DL = 0.02665 ppb
BEC = 0.024 ppb

Weight: <None>
Min Conc: <None>

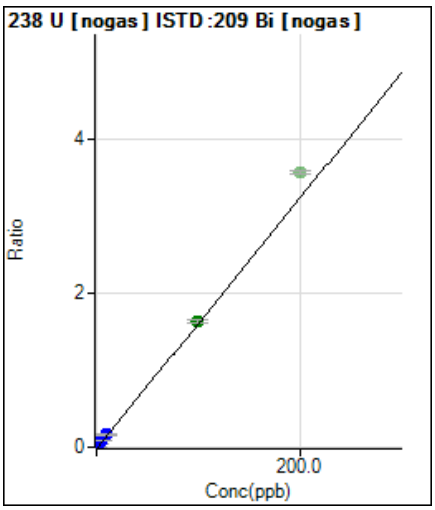


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	523.34	0.0004	P	21.8	
2	☐	2.000	2.008	44851.70	0.0308	P	2.9	0.4
3	☐	5.000	4.876	107799.27	0.0742	P	0.8	-2.5
4	☐	10.000	9.670	217093.79	0.1467	P	1.8	-3.3
5	☐	100.000	100.039	2191975.80	1.5146	P	2.9	0.0
6	☑	200.000		4543431.00	3.2018	A	1.6	
7	☐	1.000						

y = 0.0151 * x + 3.6563E-004
R = 1.0000
DL = 0.01583 ppb
BEC = 0.02416 ppb

Weight: <None>
Min Conc: <None>

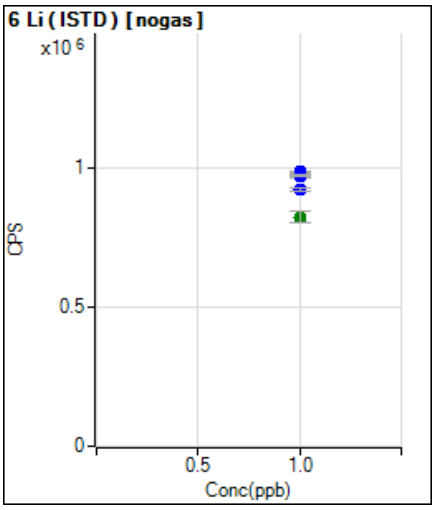
Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	33.33	0.0000	P	23.9	
2	☐	2.000	2.065	48941.49	0.0336	P	0.6	3.2
3	☐	5.000	5.081	119966.64	0.0825	P	0.9	1.6
4	☐	10.000	10.051	241464.30	0.1633	P	4.1	0.5
5	☐	100.000	99.990	2350230.07	1.6239	A	2.3	0.0
6	☑	200.000		5055018.88	3.5623	A	1.5	
7	☐	1.000						

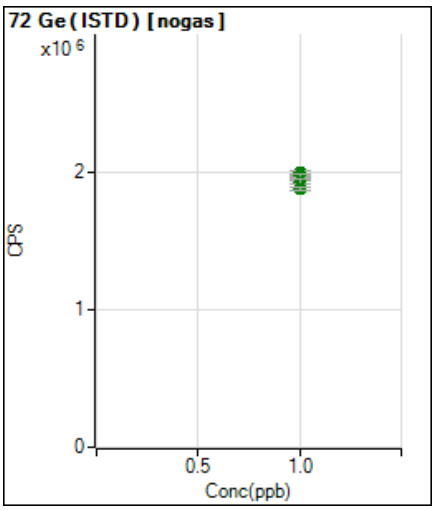
y = 0.0162 * x + 2.3473E-005
R = 1.0000
DL = 0.001037 ppb
BEC = 0.001445 ppb

Weight: <None>
Min Conc: <None>

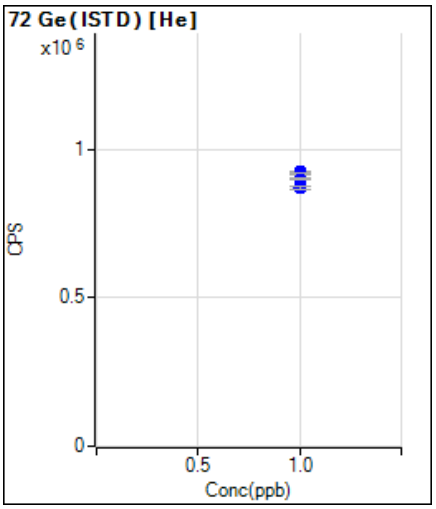


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		986666.30		P	0.3	
2	☐	1.000		979613.24		P	0.1	
3	☐	1.000		969054.57		P	1.8	
4	☐	1.000		973915.99		P	0.6	
5	☐	1.000		920100.69		P	0.9	
6	☐	1.000		820573.33		A	5.1	
7	☐	1.000						

Calibration for 019_ICV.d

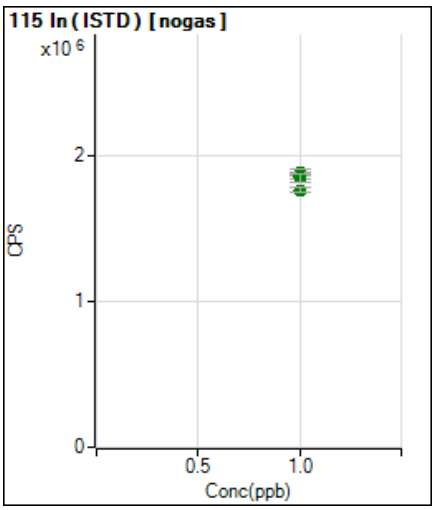


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1990043.88		A	1.4	
2	☐	1.000		1996438.56		A	0.8	
3	☐	1.000		1967762.11		A	3.7	
4	☐	1.000		1969434.97		A	1.5	
5	☐	1.000		1928985.44		A	1.4	
6	☐	1.000		1875824.40		A	1.5	
7	☐	1.000						

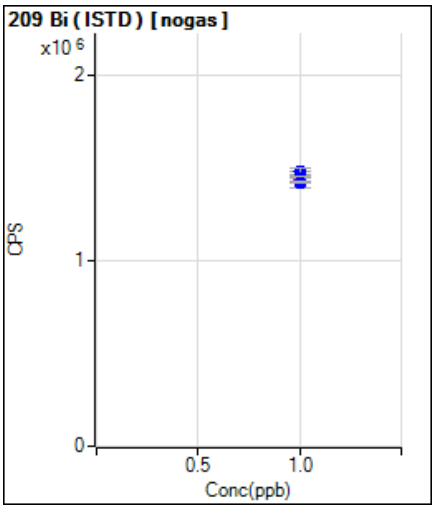


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		920366.50		P	0.9	
2	☐	1.000		925111.65		P	0.5	
3	☐	1.000		919418.95		P	0.4	
4	☐	1.000		917460.30		P	0.7	
5	☐	1.000		899967.30		P	0.2	
6	☐	1.000		869646.45		P	1.3	
7	☐	1.000						

Calibration for 019_ICV.d



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1869410.32		A	1.6	
2	☐	1.000		1877619.83		A	2.5	
3	☐	1.000		1881906.87		A	1.9	
4	☐	1.000		1859495.83		A	2.8	
5	☐	1.000		1842574.82		A	2.9	
6	☐	1.000		1762345.33		A	1.6	
7	☐	1.000						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1433678.31		M	6.0	
2	☐	1.000		1458487.53		M	1.1	
3	☐	1.000		1453272.17		P	1.2	
4	☐	1.000		1479880.55		P	2.2	
5	☐	1.000		1447410.97		P	0.8	
6	☐	1.000		1419076.80		P	0.6	
7	☐	1.000						

Calibration Blank Report

Sample Table

Sample Name	CAL BLK
Data File Name	012CALB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:43:19-06:00
Sample Type	CalBlk
Level	1
Dilution	1
Comment	

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	15	222.22
B	11	1	nogas	8714	0.02
Al	27	1	nogas	30034	0.01
P	31	1	nogas	30084	0.01
Ti	47	1	nogas	173	18.33
Ni	60	1	nogas	433	2.63
Cu	63	1	nogas	5031	0.08
Zn	66	1	nogas	717	0.59
Se	77	1	nogas	14850	0.02
Se	82	1	nogas	417	4.90
Sr	88	1	nogas	983	0.96
Mo	95	1	nogas	163	15.15
Ag	107	1	nogas	37	113.62
Sn	118	1	nogas	43751	0.00
Sb	121	1	nogas	1180	0.73
Ba	137	1	nogas	120	12.03
Tl	205	1	nogas	110	36.02
Pb	208	1	nogas	523	4.26
Li	7	1	nogas	72197	0.00
Si	28	1	nogas	1007423	0.00
Na	23	2	He	36208	0.00
Mg	24	2	He	780	3.57
Al	27	2	He	1593	1.03
K	39	2	He	116642	0.00
Ca	43	2	He	73	38.71
Ca	44	2	He	2927	0.32
V	51	2	He	13137	0.01
Cr	52	2	He	2870	0.34
Mn	55	2	He	1433	0.79
Fe	56	2	He	21579	0.01
Co	59	2	He	137	6.18
Ni	60	2	He	257	4.88
Cu	63	2	He	2677	0.32
Zn	66	2	He	313	2.35
As	75	2	He	524	0.71
Sb	121	2	He	923	1.14
Se	78	2	He	400	0.78

Calibration Blank Report

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Ge	72	1	nogas	1990044	1.37
In	115	1	nogas	1869410	1.61

Calibration Blank Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Li	6	1	nogas	986666	0.28
Bi	209	1	nogas	1433678	5.97
Ge	72	2	He	920366	0.86

Calibration Standard Report

Sample Table

Sample Name	2/10/200
Data File Name	013CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:45:22-06:00
Sample Type	CalStd
Level	2
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	8849	0.04
B	11	1	nogas	32461	0.01
Al	27	1	nogas	57858	0.00
P	31	1	nogas	37758	0.00
Ti	47	1	nogas	3220	0.09
Ni	60	1	nogas	8379	0.01
Cu	63	1	nogas	24116	0.01
Zn	66	1	nogas	5814	0.05
Se	77	1	nogas	15237	0.02
Se	82	1	nogas	650	2.37
Sr	88	1	nogas	48823	0.01
Mo	95	1	nogas	9193	0.05
Ag	107	1	nogas	21126	0.01
Cd	111	1	nogas	4334	0.14
Sn	118	1	nogas	51212	0.00
Sb	121	1	nogas	18924	0.01
Ba	137	1	nogas	7278	0.03
Tl	205	1	nogas	31480	0.00
Pb	208	1	nogas	44852	0.01
Si	28	1	nogas	1063746	0.00
Na	23	2	He	357448	0.00
Mg	24	2	He	205305	0.00
Al	27	2	He	3300	0.26
K	39	2	He	401656	0.00
Ca	43	2	He	1003	0.99
Ca	44	2	He	15990	0.01
V	51	2	He	28959	0.00
Cr	52	2	He	19214	0.01
Mn	55	2	He	15270	0.02
Fe	56	2	He	1462473	0.00
Co	59	2	He	21720	0.01
Ni	60	2	He	5591	0.06
Cu	63	2	He	17001	0.03
Zn	66	2	He	3500	0.06
As	75	2	He	2887	0.05
Sb	121	2	He	13609	0.01
Se	78	2	He	699	1.35

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1996439	0.83	1990044	100.32	70	120	
In	115	1	nogas	1877620	2.52	1869410	100.44	70	120	
Li	6	1	nogas	979613	0.13	986666	99.29	70	120	
Bi	209	1	nogas	1458488	1.10	1433678	101.73	70	120	
Ge	72	2	He	925112	0.52	920366	100.52	70	120	

Calibration Standard Report

Sample Table

Sample Name	5/25/500
Data File Name	014CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:47:25-06:00
Sample Type	CalStd
Level	3
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	21590	0.01
B	11	1	nogas	67837	0.00
Al	27	1	nogas	92809	0.00
P	31	1	nogas	49057	0.00
Ti	47	1	nogas	7278	0.04
Ni	60	1	nogas	20789	0.02
Cu	63	1	nogas	52184	0.00
Zn	66	1	nogas	13492	0.03
Se	77	1	nogas	16398	0.02
Se	82	1	nogas	1247	0.63
Sr	88	1	nogas	120067	0.00
Mo	95	1	nogas	21830	0.01
Ag	107	1	nogas	53096	0.00
Cd	111	1	nogas	10697	0.03
Sn	118	1	nogas	37975	0.01
Sb	121	1	nogas	43972	0.01
Ba	137	1	nogas	16738	0.02
Tl	205	1	nogas	75948	0.00
Pb	208	1	nogas	107799	0.00
Si	28	1	nogas	1238484	0.00
Na	23	2	He	813452	0.00
Mg	24	2	He	496487	0.00
Al	27	2	He	5131	0.18
K	39	2	He	804318	0.00
Ca	43	2	He	1993	0.56
Ca	44	2	He	34729	0.00
V	51	2	He	50896	0.00
Cr	52	2	He	42115	0.01
Mn	55	2	He	34048	0.01
Fe	56	2	He	3435044	0.00
Co	59	2	He	54270	0.00
Ni	60	2	He	13555	0.03
Cu	63	2	He	36416	0.00
Zn	66	2	He	7632	0.11
As	75	2	He	6159	0.05
Sb	121	2	He	31499	0.00
Se	78	2	He	1059	0.37

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1967762	3.71	1990044	98.88	70	120	
In	115	1	nogas	1881907	1.88	1869410	100.67	70	120	
Li	6	1	nogas	969055	1.78	986666	98.22	70	120	
Bi	209	1	nogas	1453272	1.22	1433678	101.37	70	120	
Ge	72	2	He	919419	0.39	920366	99.90	70	120	

Calibration Standard Report

Sample Table

Sample Name	10/50/1000
Data File Name	015CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:49:26-06:00
Sample Type	CalStd
Level	4
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	43395	0.00
B	11	1	nogas	129796	0.00
Al	27	1	nogas	159432	0.00
P	31	1	nogas	68584	0.00
Ti	47	1	nogas	13732	0.02
Ni	60	1	nogas	41173	0.00
Cu	63	1	nogas	98257	0.00
Zn	66	1	nogas	26513	0.01
Se	77	1	nogas	18146	0.02
Se	82	1	nogas	1857	0.68
Sr	88	1	nogas	234769	0.00
Mo	95	1	nogas	43941	0.00
Ag	107	1	nogas	105177	0.00
Cd	111	1	nogas	20996	0.02
Sn	118	1	nogas	68112	0.00
Sb	121	1	nogas	87155	0.00
Ba	137	1	nogas	34648	0.01
Tl	205	1	nogas	155927	0.00
Pb	208	1	nogas	217094	0.00
Si	28	1	nogas	1456866	0.00
Na	23	2	He	1494016	0.00
Mg	24	2	He	981927	0.00
Al	27	2	He	8872	0.00
K	39	2	He	1436210	0.00
Ca	43	2	He	3967	0.05
Ca	44	2	He	67056	0.00
V	51	2	He	88096	0.00
Cr	52	2	He	82057	0.00
Mn	55	2	He	66636	0.00
Fe	56	2	He	6734245	0.00
Co	59	2	He	105972	0.00
Ni	60	2	He	25992	0.01
Cu	63	2	He	69688	0.00
Zn	66	2	He	14666	0.04
As	75	2	He	11947	0.03
Sb	121	2	He	63960	0.00
Se	78	2	He	1571	0.38

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1969435	1.46	1990044	98.96	70	120	
In	115	1	nogas	1859496	2.83	1869410	99.47	70	120	
Li	6	1	nogas	973916	0.64	986666	98.71	70	120	
Bi	209	1	nogas	1479881	2.23	1433678	103.22	70	120	
Ge	72	2	He	917460	0.67	920366	99.68	70	120	

Calibration Standard Report

Sample Table

Sample Name	100/500/10K
Data File Name	016CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:51:27-06:00
Sample Type	CalStd
Level	5
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	437434	0.00
B	11	1	nogas	1161322	0.00
Al	27	1	nogas	1293781	0.00
P	31	1	nogas	417549	0.00
Ti	47	1	nogas	142147	0.00
Ni	60	1	nogas	398604	0.00
Cu	63	1	nogas	939341	0.00
Zn	66	1	nogas	259386	0.00
Se	77	1	nogas	28225	0.01
Se	82	1	nogas	15997	0.02
Sr	88	1	nogas	2206253	0.00
Mo	95	1	nogas	447150	0.00
Ag	107	1	nogas	1052550	0.00
Cd	111	1	nogas	213907	0.00
Sn	118	1	nogas	644311	0.00
Sb	121	1	nogas	895739	0.00
Ba	137	1	nogas	343942	0.00
Tl	205	1	nogas	1475643	0.00
Pb	208	1	nogas	2191976	0.00
Si	28	1	nogas	4196428	0.00
Na	23	2	He	14321801	0.00
Mg	24	2	He	9105220	0.00
Al	27	2	He	74278	0.00
K	39	2	He	12938078	0.00
Ca	43	2	He	38042	0.00
Ca	44	2	He	651353	0.00
V	51	2	He	758967	0.00
Cr	52	2	He	793414	0.00
Mn	55	2	He	653838	0.00
Fe	56	2	He	66361136	0.00
Co	59	2	He	1045643	0.00
Ni	60	2	He	265092	0.00
Cu	63	2	He	667040	0.00
Zn	66	2	He	141248	0.00
As	75	2	He	114335	0.00
Sb	121	2	He	637888	0.00
Se	78	2	He	12028	0.01

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1928985	1.42	1990044	96.93	70	120	
In	115	1	nogas	1842575	2.91	1869410	98.56	70	120	
Li	6	1	nogas	920101	0.91	986666	93.25	70	120	
Bi	209	1	nogas	1447411	0.77	1433678	100.96	70	120	
Ge	72	2	He	899967	0.18	920366	97.78	70	120	

Calibration Standard Report

Sample Table

Sample Name	200/1000/20K
Data File Name	017CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:53:26-06:00
Sample Type	CalStd
Level	6
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD
Be	9	1	nogas	919169	0.00
B	11	1	nogas	2462967	0.00
Al	27	1	nogas	2497789	0.00
P	31	1	nogas	838423	0.00
Ti	47	1	nogas	300523	0.00
Ni	60	1	nogas	827278	0.00
Cu	63	1	nogas	1798804	0.00
Zn	66	1	nogas	524905	0.00
Se	77	1	nogas	40759	0.00
Se	82	1	nogas	32977	0.01
Sr	88	1	nogas	4589135	0.00
Mo	95	1	nogas	949616	0.00
Ag	107	1	nogas	2067795	0.00
Cd	111	1	nogas	452107	0.00
Sn	118	1	nogas	1351306	0.00
Sb	121	1	nogas	1714056	0.00
Ba	137	1	nogas	739030	0.00
Tl	205	1	nogas	3233689	0.00
Pb	208	1	nogas	4543431	0.00
Si	28	1	nogas	7593113	0.00
Na	23	2	He	29641845	0.00
Mg	24	2	He	18792272	0.00
Al	27	2	He	150323	0.00
K	39	2	He	26724428	0.00
Ca	43	2	He	82173	0.00
Ca	44	2	He	1333906	0.00
V	51	2	He	1502993	0.00
Cr	52	2	He	1610455	0.00
Mn	55	2	He	1346770	0.00
Fe	56	2	He	139072808	0.00
Co	59	2	He	2052141	0.00
Ni	60	2	He	544305	0.00
Cu	63	2	He	1372046	0.00
Zn	66	2	He	294520	0.00
As	75	2	He	239670	0.00
Sb	121	2	He	1346606	0.00
Se	78	2	He	24777	0.00

QC ISTD Table

Calibration Standard Report

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1875824	1.46	1990044	94.26	70	120	
In	115	1	nogas	1762345	1.63	1869410	94.27	70	120	
Li	6	1	nogas	820573	5.08	986666	83.17	70	120	
Bi	209	1	nogas	1419077	0.60	1433678	98.98	70	120	
Ge	72	2	He	869646	1.31	920366	94.49	70	120	

Initial Calibration Verification (ICV) Report

Sample Table

Sample Name	ICV
Data File Name	019_ICV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:57:21-06:00
Sample Type	ICV
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	88.213	0.441	415549	1.01	100	88.2	90	110	ICV Main CR1 Failed
B	11	1	nogas	460.746	0.766	1164201	1.36	500	92.1	90	110	
Al	27	1	nogas	95.081	1.188	1244888	1.51	100	95.1	90	110	
P	31	1	nogas	457.566	1.080	408142	0.84	500	91.5	90	110	
Ti	47	1	nogas	88.088	1.510	134983	1.23	100	88.1	90	110	ICV Main CR1 Failed
Ni	60	1	nogas	90.305	1.003	382315	1.42	100	90.3	90	110	
Cu	63	1	nogas	95.725	1.232	896962	1.21	100	95.7	90	110	
Zn	66	1	nogas	91.300	1.475	246615	0.90	100	91.3	90	110	
Se	77	1	nogas	49.910	4.119	21453	2.61	100	49.9	90	110	ICV Main CR1 Failed
Se	82	1	nogas	92.342	4.463	15774	4.07	100	92.3	90	110	
Sr	88	1	nogas	90.074	1.196	2134687	2.05	100	90.1	90	110	
Mo	95	1	nogas	85.557	3.352	417667	1.29	100	85.6	90	110	ICV Main CR1 Failed
Ag	107	1	nogas	92.752	3.197	1000834	1.29	100	92.8	90	110	
Cd	111	1	nogas	89.180	2.408	207449	0.43	100	89.2	90	110	ICV Main CR1 Failed
Sn	118	1	nogas	86.032	3.911	618963	2.49	100	86.0	90	110	ICV Main CR1 Failed
Sb	121	1	nogas	96.516	2.179	860288	2.28	100	96.5	90	110	
Ba	137	1	nogas	86.665	3.063	328578	1.51	100	86.7	90	110	ICV Main CR1 Failed
Tl	205	1	nogas	93.408	4.449	1523563	3.46	100	93.4	90	110	
Pb	208	1	nogas	91.398	2.983	2116863	2.07	100	91.4	90	110	
U	238	1	nogas	88.638	0.969	2268509	1.61	100	88.6	90	110	ICV Main CR1 Failed
Li	7	1	nogas	92.845	2.715	1359312	1.90	100	92.8	90	110	
Si	28	1	nogas	5371.103	2.226	4641779	1.79	5000	107.4	90	110	
Ba	135	1	nogas	87.363	3.349	189415	1.26	100	87.4	90	110	ICV Main CR1 Failed
Tl	203	1	nogas	90.282	2.240	660056	1.20	100	90.3	90	110	
Na	23	2	He	9615.402	0.603	14548670	0.33	10000	96.2	90	110	
Mg	24	2	He	9574.153	1.244	9180840	0.87	10000	95.7	90	110	
Al	27	2	He	88.952	1.107	69206	1.43	100	89.0	90	110	ICV Main CR1 Failed
K	39	2	He	9607.897	1.421	13146609	1.09	10000	96.1	90	110	
Ca	43	2	He	9478.965	3.036	39429	2.62	10000	94.8	90	110	
Ca	44	2	He	9613.585	0.868	656329	0.46	10000	96.1	90	110	
V	51	2	He	93.122	0.813	725497	0.68	100	93.1	90	110	
Cr	52	2	He	93.573	0.950	772558	1.10	100	93.6	90	110	
Mn	55	2	He	91.257	0.124	627930	0.52	100	91.3	90	110	
Fe	56	2	He	9483.233	0.498	67105264	0.28	10000	94.8	90	110	
Co	59	2	He	96.692	0.774	1022420	0.65	100	96.7	90	110	
Ni	60	2	He	92.163	1.395	256292	1.19	100	92.2	90	110	
Cu	63	2	He	92.069	0.321	646097	0.55	100	92.1	90	110	
Zn	66	2	He	92.691	0.796	139149	0.73	100	92.7	90	110	
As	75	2	He	93.020	0.829	113625	0.68	100	93.0	90	110	
Sb	121	2	He	91.458	0.475	626001	0.53	100	91.5	90	110	
Se	78	2	He	92.713	1.354	11897	1.37	100	92.7	90	110	
Ti	47	2	He	93.315	1.185	32883	0.98	100	93.3	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1943321	1.27	1990044	97.65	70	120	
In	115	1	nogas	1849525	2.20	1869410	98.94	70	120	
Li	6	1	nogas	866405	0.68	986666	87.81	70	120	
Bi	209	1	nogas	1462883	1.04	1433678	102.04	70	120	
Ge	72	2	He	898882	0.42	920366	97.67	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV2
Data File Name	020LCV2.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T11:59:19-06:00
Sample Type	LLCCV2
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	1.722	1.698	8670	2.30	2	86.1	70	120	
B	11	1	nogas	32.140	7.961	94214	6.62	10	321.4	70	120	NewName Main CR1 Failed
Al	27	1	nogas	2.086	2.061	55277	0.81	2	104.3	70	120	
P	31	1	nogas	6.238	26.368	34098	3.33	10	62.4	70	120	NewName Main CR1 Failed
Ti	47	1	nogas	1.972	1.178	3147	1.57	2	98.6	70	120	
Ni	60	1	nogas	1.892	2.307	8319	3.01	2	94.6	70	120	
Cu	63	1	nogas	1.887	1.834	22214	1.03	2	94.4	70	120	
Zn	66	1	nogas	1.891	2.804	5721	3.16	2	94.5	70	120	
Se	77	1	nogas	-30.518	-10.775	10116	4.06	2	-1525.9	70	120	NewName Main CR1 Failed
Se	82	1	nogas	2.665	5.380	840	3.15	2	133.2	70	120	NewName Main CR1 Failed
Sr	88	1	nogas	1.953	1.023	47817	1.43	2	97.6	70	120	
Mo	95	1	nogas	2.181	3.084	10940	2.74	2	109.0	70	120	
Ag	107	1	nogas	1.919	2.253	21006	2.03	2	96.0	70	120	
Cd	111	1	nogas	1.781	7.725	4194	7.04	2	89.1	70	120	
Sn	118	1	nogas	1.207	8.930	51997	1.26	2	60.3	70	120	NewName Main CR1 Failed
Sb	121	1	nogas	2.043	1.481	19094	0.66	2	102.2	70	120	
Ba	137	1	nogas	1.795	2.085	7012	2.49	2	89.8	70	120	
Tl	205	1	nogas	2.144	7.948	34186	4.72	2	107.2	70	120	
Pb	208	1	nogas	1.964	2.172	44898	1.28	2	98.2	70	120	
Pb	206	1	nogas	1.925	3.062	11287	0.82	2	96.2	70	120	
Pb	207	1	nogas	1.947	4.022	10023	4.16	2	97.3	70	120	
U	238	1	nogas	2.014	3.910	50293	0.57	2	100.7	70	120	
Li	7	1	nogas	1.838	3.119	95023	0.88	2	91.9	70	120	
Ba	135	1	nogas	1.861	3.000	4161	2.50	2	93.0	70	120	
Tl	203	1	nogas	2.071	5.652	14784	3.42	2	103.5	70	120	
Na	23	2	He	206.215	0.047	339027	0.32	200	103.1	70	120	
Mg	24	2	He	207.852	0.803	195683	1.05	200	103.9	70	120	
Al	27	2	He	1.941	5.352	2967	2.53	2	97.0	70	120	
K	39	2	He	205.061	2.069	383481	1.18	200	102.5	70	120	
Ca	43	2	He	183.025	4.629	813	3.95	200	91.5	70	120	
Ca	44	2	He	192.777	1.082	15613	0.73	200	96.4	70	120	
V	51	2	He	1.193	2.916	21482	1.03	2	59.7	70	120	NewName Main CR1 Failed
Cr	52	2	He	1.953	7.040	18453	6.09	2	97.6	70	120	
Mn	55	2	He	2.021	4.455	14940	4.22	2	101.0	70	120	
Fe	56	2	He	197.246	1.056	1385332	0.76	200	98.6	70	120	
Co	59	2	He	2.022	3.843	21042	3.66	2	101.1	70	120	
Ni	60	2	He	1.921	3.738	5464	3.28	2	96.0	70	120	
Cu	63	2	He	1.816	6.557	14970	5.24	2	90.8	70	120	
Zn	66	2	He	1.882	3.797	3057	3.18	2	94.1	70	120	
As	75	2	He	2.002	2.933	2882	2.14	2	100.1	70	120	
Se	77	2	He	2.206	13.286	263	4.38	2	110.3	70	120	
Sb	121	2	He	1.997	2.937	14233	2.53	2	99.9	70	120	
Se	78	2	He	2.213	5.872	651	2.16	2	110.6	70	120	
Ti	47	2	He	2.361	11.689	820	11.76	2	118.0	70	120	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1918754	1.20	1990044	96.42	70	120	
In	115	1	nogas	1872261	0.81	1869410	100.15	70	120	
Li	6	1	nogas	924449	0.69	986666	93.69	70	120	
Bi	209	1	nogas	1427847	3.38	1433678	99.59	70	120	
Ge	72	2	He	879180	0.29	920366	95.52	70	120	

Low Level Continuing Calibration Verification (LLCCV) Report

Sample Table

Sample Name	LLICV5
Data File Name	021LCV5.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:01:22-06:00
Sample Type	LLCCV5
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	4.142	2.584	20980	3.19	5	82.8	70	130	
B	11	1	nogas	32.733	1.209	96506	1.59	25	130.9	70	130	NewName Main CR1 Failed
Al	27	1	nogas	4.790	3.190	89178	0.74	5	95.8	70	130	
P	31	1	nogas	19.570	10.159	44874	2.33	25	78.3	70	130	
Ti	47	1	nogas	4.462	2.564	6895	3.70	5	89.2	70	130	
Ni	60	1	nogas	4.621	1.041	19661	0.51	5	92.4	70	130	
Cu	63	1	nogas	4.765	1.366	48574	2.37	5	95.3	70	130	
Zn	66	1	nogas	4.594	2.945	12878	3.35	5	91.9	70	130	
Se	77	1	nogas	-25.361	-9.753	10797	1.73	5	-507.2	70	130	NewName Main CR1 Failed
Se	82	1	nogas	4.623	15.938	1160	11.95	5	92.5	70	130	
Sr	88	1	nogas	4.851	4.219	116158	2.47	5	97.0	70	130	
Mo	95	1	nogas	4.424	3.467	21817	2.02	5	88.5	70	130	
Ag	107	1	nogas	4.696	3.459	50853	1.89	5	93.9	70	130	
Cd	111	1	nogas	4.553	3.489	10630	5.27	5	91.1	70	130	
Sn	118	1	nogas	-0.880	-20.037	37494	1.89	5	-17.6	70	130	NewName Main CR1 Failed
Sb	121	1	nogas	5.001	0.886	44974	0.89	5	100.0	70	130	
Ba	137	1	nogas	4.376	1.486	16755	0.30	5	87.5	70	130	
Tl	205	1	nogas	4.697	2.138	77318	0.93	5	93.9	70	130	
Pb	208	1	nogas	4.633	2.379	108638	1.51	5	92.7	70	130	
U	238	1	nogas	4.686	3.025	120870	2.91	5	93.7	70	130	
Li	7	1	nogas	4.438	1.409	134679	0.49	5	88.8	70	130	
Si	28	1	nogas	163.307	10.366	1078469	0.39	25	653.2	70	130	NewName Main CR1 Failed
Na	23	2	He	505.499	1.120	778157	0.71	500	101.1	70	130	
Mg	24	2	He	505.627	0.826	473312	0.77	500	101.1	70	130	
Al	27	2	He	4.330	8.900	4727	5.76	5	86.6	70	130	
K	39	2	He	501.156	1.110	773648	0.51	500	100.2	70	130	
Ca	43	2	He	448.747	12.025	1887	12.02	500	89.7	70	130	
Ca	44	2	He	460.314	1.147	33286	1.34	500	92.1	70	130	
V	51	2	He	4.175	1.053	43652	1.12	5	83.5	70	130	
Cr	52	2	He	4.705	0.926	40461	1.13	5	94.1	70	130	
Mn	55	2	He	4.578	2.112	32001	1.70	5	91.6	70	130	
Fe	56	2	He	472.618	1.689	3279170	1.20	500	94.5	70	130	
Co	59	2	He	4.895	2.724	50572	2.62	5	97.9	70	130	
Ni	60	2	He	4.740	3.726	13078	3.48	5	94.8	70	130	
Cu	63	2	He	4.648	0.290	34215	0.32	5	93.0	70	130	
Zn	66	2	He	4.761	6.345	7248	5.61	5	95.2	70	130	
As	75	2	He	4.759	1.909	6140	1.44	5	95.2	70	130	
Sb	121	2	He	4.599	1.768	31519	1.29	5	92.0	70	130	
Se	78	2	He	5.191	4.400	1009	2.59	5	103.8	70	130	
Ti	47	2	He	5.040	7.549	1737	7.04	5	100.8	70	130	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1913927	1.45	1990044	96.18	70	120	
In	115	1	nogas	1854756	1.76	1869410	99.22	70	120	
Li	6	1	nogas	930938	0.68	986666	94.35	70	120	
Bi	209	1	nogas	1474165	1.36	1433678	102.82	70	120	
Ge	72	2	He	876155	0.47	920366	95.20	70	120	

Initial Calibration Blank (ICB) Report

Sample Table

Sample Name	ICB
Data File Name	022_ICB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:12:38-06:00
Sample Type	ICB
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.004	63.3	30	33.3	1	
B	11	1	nogas	8.382	4.7	26819	3.5	10	
Al	27	1	nogas	-0.525	-9.7	21613	3.3	5	
P	31	1	nogas	-4.827	-11.1	24256	1.3	10	
Ti	47	1	nogas	-0.024	-44.6	127	12.1	2.5	
Ni	60	1	nogas	0.039	29.3	563	8.4	2.5	
Cu	63	1	nogas	-0.178	-8.1	3107	4.6	1	
Zn	66	1	nogas	-0.036	-102.7	577	16.8	2.5	
Se	77	1	nogas	-20.973	-11.0	11064	2.5	2.5	
Se	82	1	nogas	-0.351	-76.5	333	12.5	1	
Sr	88	1	nogas	-0.006	-6.0	823	2.5	2.5	
Mo	95	1	nogas	0.111	9.1	647	8.8	2.5	
Ag	107	1	nogas	0.231	12.6	2477	11.2	2.5	
Cd	111	1	nogas	0.002	173.2	3	173.2	1	
Sn	118	1	nogas	-6.073	-0.5	6798	1.6	5	
Sb	121	1	nogas	0.053	26.9	1550	8.2	2.5	
Ba	137	1	nogas	0.009	95.7	147	19.7	2.5	
Tl	205	1	nogas	0.052	49.5	903	50.5	1	
Pb	208	1	nogas	0.017	43.2	930	30.0	2.5	
U	238	1	nogas	0.012	4.8	350	11.4	2.5	
Si	28	1	nogas	-26.214	-23.7	923281	0.9	5	
Na	23	2	He	1.033	14.9	35587	1.3	100	
Mg	24	2	He	0.117	47.1	843	7.1	100	
Al	27	2	He	-0.253	-90.0	1317	13.5	5	
K	39	2	He	-0.181	-975.3	109551	1.1	100	
Ca	43	2	He	-6.433	-22.6	43	13.3	100	
Ca	44	2	He	-15.915	-6.6	1713	4.4	100	
V	51	2	He	-0.402	-7.8	9399	2.0	2.5	
Cr	52	2	He	0.065	10.5	3214	2.8	2.5	
Mn	55	2	He	-0.018	-32.3	1230	2.2	2.5	
Fe	56	2	He	2.736	5.1	38968	2.3	100	
Co	59	2	He	0.006	41.2	193	13.0	2.5	
Ni	60	2	He	0.011	195.3	270	19.6	2.5	
Cu	63	2	He	-0.132	-6.9	1630	3.1	1	
Zn	66	2	He	0.011	470.6	310	22.6	2.5	
As	75	2	He	0.012	71.2	508	1.4	2.5	
Sb	121	2	He	0.026	16.4	1040	3.8	2.5	
Se	78	2	He	0.043	784.5	381	9.3	1	
Ti	47	2	He	0.021	80.1	13	43.3	2.5	

Initial Calibration Blank (ICB) Report

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1857232	0.45	1990044	93.33	70	120	
In	115	1	nogas	1809581	1.92	1869410	96.80	70	120	
Li	6	1	nogas	898757	1.27	986666	91.09	70	120	
Bi	209	1	nogas	1458776	11.22	1433678	101.75	70	120	
Ge	72	2	He	866401	1.15	920366	94.14	70	120	

Interference Check Solution A (ICS-A) Report

Sample Table

Sample Name	ICSA
Data File Name	023ICSA.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:14:43-06:00
Sample Type	ICSA
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.000	-550.7	12	65.5	0	ICSA Main CR1 Failed
B	11	1	nogas	7.158	2.9	22805	2.1	0	ICSA Main CR1 Failed
Al	27	1	nogas	88647.154	2.0	1043509931	1.2	0	
P	31	1	nogas	82717.810	1.6	63076854	0.9	0	
Ti	47	1	nogas	1718.753	1.4	2422314	0.5	0	
Ni	60	1	nogas	0.617	1.1	2794	1.8	0	ICSA Main CR1 Failed
Cu	63	1	nogas	0.819	6.3	11550	3.6	0	ICSA Main CR1 Failed
Zn	66	1	nogas	1.364	8.7	4027	6.4	0	ICSA Main CR1 Failed
Se	77	1	nogas	12.739	32.1	14983	3.2	0	
Se	82	1	nogas	0.166	289.9	400	17.5	0	ICSA Main CR1 Failed
Sr	88	1	nogas	0.939	1.4	21089	1.4	0	ICSA Main CR1 Failed
Mo	95	1	nogas	1805.389	1.2	7359076	0.6	0	
Ag	107	1	nogas	0.017	76.7	203	64.2	0	ICSA Main CR1 Failed
Cd	111	1	nogas	1.275	4.3	2487	3.0	0	ICSA Main CR1 Failed
Sn	118	1	nogas	-6.529	-0.5	3837	5.1	0	ICSA Main CR1 Failed
Sb	121	1	nogas	0.040	37.9	1390	8.1	0	ICSA Main CR1 Failed
Ba	137	1	nogas	0.068	35.8	320	22.5	0	ICSA Main CR1 Failed
Tl	205	1	nogas	0.003	88.3	133	24.1	0	ICSA Main CR1 Failed
Pb	208	1	nogas	0.031	28.1	1120	14.7	0	ICSA Main CR1 Failed
Si	28	1	nogas	110.764	28.6	975362	1.2	0	
Na	23	2	He	97614.237	0.8	134694848	0.9	0	
Mg	24	2	He	96124.672	1.3	84237954	0.8	0	
Al	27	2	He	89738.407	1.3	59555192	0.6	0	
K	39	2	He	95920.062	0.8	119023198	0.6	0	
Ca	43	2	He	92740.148	0.6	352020	0.2	0	
Ca	44	2	He	91068.375	0.9	5660395	1.0	0	
V	51	2	He	-0.457	-4.7	8533	1.7	0	ICSA Main CR1 Failed
Cr	52	2	He	0.945	2.3	9663	1.1	0	ICSA Main CR1 Failed
Mn	55	2	He	0.173	8.6	2364	3.9	0	ICSA Main CR1 Failed
Fe	56	2	He	95107.163	1.5	614907858	1.2	0	
Co	59	2	He	0.193	5.1	1990	4.9	0	ICSA Main CR1 Failed
Ni	60	2	He	0.199	11.8	733	8.3	0	ICSA Main CR1 Failed
Cu	63	2	He	0.129	9.2	3217	2.4	0	ICSA Main CR1 Failed
Zn	66	2	He	0.650	6.5	1170	4.8	0	ICSA Main CR1 Failed
As	75	2	He	0.184	21.7	673	6.8	0	ICSA Main CR1 Failed
Sb	121	2	He	-0.004	-287.5	800	8.7	0	ICSA Main CR1 Failed
Se	78	2	He	0.096	209.9	368	6.5	0	ICSA Main CR1 Failed
Ti	47	2	He	1896.996	0.5	610846	0.4	0	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1789445	0.89	1990044	89.92	70	120	
In	115	1	nogas	1680263	1.34	1869410	89.88	70	120	
Li	6	1	nogas	851858	1.35	986666	86.34	70	120	
Bi	209	1	nogas	1307217	1.94	1433678	91.18	70	120	
Ge	72	2	He	821550	0.64	920366	89.26	70	120	

Interference Check Solution AB (ICS-AB) Report

Sample Table

Sample Name	ICSAB
Data File Name	024ICSB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:16:42-06:00
Sample Type	ICSB
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High	QC Flag
Be	9	1	nogas	100.775	0.145	405699	0.94	100	100.8	80	120	
B	11	1	nogas	514.052	0.607	1099302	0.46	100	514.1	80	120	
Al	27	1	nogas	86397.319	2.129	1052542224	0.47	100	86397.3	80	120	ICSB Main CR1 Failed
Ti	47	1	nogas	1755.391	1.939	2560453	1.23	100	1755.4	80	120	ICSB Main CR1 Failed
Ni	60	1	nogas	88.004	0.530	355141	2.22	100	88.0	80	120	
Cu	63	1	nogas	92.995	0.808	830713	2.11	100	93.0	80	120	
Zn	66	1	nogas	92.255	0.878	237525	1.99	100	92.3	80	120	
Se	77	1	nogas	107.904	3.785	28139	1.13	100	107.9	80	120	
Se	82	1	nogas	87.844	2.157	14319	0.70	100	87.8	80	120	
Sr	88	1	nogas	95.437	1.364	2116193	1.40	100	95.4	80	120	
Mo	95	1	nogas	1849.685	2.273	7764069	0.48	100	1849.7	80	120	ICSB Main CR1 Failed
Ag	107	1	nogas	90.635	1.127	915459	1.61	100	90.6	80	120	
Cd	111	1	nogas	97.803	1.229	196499	0.61	100	97.8	80	120	
Sn	118	1	nogas	100.038	1.730	600525	1.91	100	100.0	80	120	
Sb	121	1	nogas	97.494	0.804	828290	2.09	100	97.5	80	120	
Ba	137	1	nogas	100.018	1.187	323217	2.45	100	100.0	80	120	
Tl	205	1	nogas	106.303	3.332	1465287	2.59	100	106.3	80	120	
Pb	208	1	nogas	94.835	2.869	2029559	2.19	100	94.8	80	120	
U	238	1	nogas	96.044	0.995	2271024	0.39	100	96.0	80	120	
Si	28	1	nogas	4743.566	2.383	4016311	1.21	100	4743.6	80	120	ICSB Main CR1 Failed
Na	23	2	He	102576.406	0.265	144779228	0.36	100	102576.4	80	120	ICSB Main CR1 Failed
Mg	24	2	He	102478.411	0.803	91864675	0.76	100	102478.4	80	120	ICSB Main CR1 Failed
Al	27	2	He	85818.813	0.473	58259721	0.38	100	85818.8	80	120	ICSB Main CR1 Failed
K	39	2	He	101506.739	1.363	128833271	1.38	100	101506.7	80	120	ICSB Main CR1 Failed
Ca	43	2	He	98630.404	0.533	382945	0.47	100	98630.4	80	120	ICSB Main CR1 Failed
Ca	44	2	He	96723.137	0.920	6149220	0.78	100	96723.1	80	120	ICSB Main CR1 Failed
V	51	2	He	97.678	0.387	710850	0.33	100	97.7	80	120	
Cr	52	2	He	94.507	0.520	729426	0.42	100	94.5	80	120	
Mn	55	2	He	93.422	0.874	600926	0.79	100	93.4	80	120	
Fe	56	2	He	101019.275	0.935	668096897	0.93	100	101019.3	80	120	ICSB Main CR1 Failed
Co	59	2	He	97.201	0.646	960878	0.73	100	97.2	80	120	
Ni	60	2	He	91.474	0.493	237814	0.36	100	91.5	80	120	
Cu	63	2	He	90.795	1.371	595691	1.25	100	90.8	80	120	
Zn	66	2	He	94.021	1.057	131950	0.94	100	94.0	80	120	
As	75	2	He	95.137	0.347	108632	0.31	100	95.1	80	120	
Sb	121	2	He	93.032	0.390	595298	0.46	100	93.0	80	120	
Se	78	2	He	95.008	1.373	11389	1.45	100	95.0	80	120	
Ti	47	2	He	1936.277	1.592	637759	1.45	100	1936.3	80	120	ICSB Main CR1 Failed

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1852390	2.52	1990044	93.08	70	120	
In	115	1	nogas	1730586	1.81	1869410	92.57	70	120	
Li	6	1	nogas	847452	1.04	986666	85.89	70	120	
Bi	209	1	nogas	1351673	0.81	1433678	94.28	70	120	
Ge	72	2	He	840343	0.15	920366	91.31	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01
Data File Name	027SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:22:42-06:00
Sample Type	Sample
Dilution	100
Comment	DISS B161680 Mn
ISTD Ref FileName	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.003	0.252	45.52	25	0.01	2000	
B	11	1	nogas	7.585	758.548	1.89	25612	0.03	2000	
Al	27	1	nogas	4.141	414.051	7.46	82154	0.01	2000	
Ti	47	1	nogas	0.129	12.947	52.70	367	0.04	2000	
Ni	60	1	nogas	0.419	41.856	6.03	2190	0.02	2000	
Cu	63	1	nogas	-0.118	-11.824	-15.15	3804	0.00	2000	
Zn	66	1	nogas	1.493	149.298	23.10	4707	0.03	2000	
Se	77	1	nogas	-50.156	-5015.635	-7.89	7508	-0.67	2000	
Se	82	1	nogas	0.022	2.250	2867.93	410	0.01	2000	
Sr	88	1	nogas	8.569	856.923	1.81	208760	0.00	2000	
Mo	95	1	nogas	0.778	77.769	7.55	3737	0.02	2000	
Ag	107	1	nogas	0.000	-0.034	-1089.65	33	0.00	2000	
Cd	111	1	nogas	0.014	1.367	58.16	30	0.05	2000	
Sn	118	1	nogas	-6.792	-679.171	-0.50	2714	-0.25	2000	
Sb	121	1	nogas	-0.060	-5.985	-25.73	617	-0.01	2000	
Ba	137	1	nogas	5.809	580.905	2.61	20646	0.03	2000	
Tl	205	1	nogas	0.010	0.970	18.44	260	0.00	2000	
Pb	208	1	nogas	0.001	0.106	239.72	570	0.00	2000	
U	238	1	nogas	0.004	0.416	12.72	143	0.00	2000	
Si	28	1	nogas	2341.882	234188.246	3.40	2574847	0.09	2000	>LDR
Na	23	2	He	765.904	76590.434	0.72	1181969	0.06	200000	
Mg	24	2	He	228.599	22859.950	0.95	218230	0.10	200000	
Al	27	2	He	4.807	480.669	13.67	5011	0.10	2000	
K	39	2	He	57.692	5769.206	1.25	190658	0.03	200000	
Ca	43	2	He	1150.450	115045.042	3.51	4811	23.91	200000	
Ca	44	2	He	1204.259	120425.902	1.55	84054	1.43	200000	
V	51	2	He	-0.888	-88.808	-0.82	5987	-0.01	2000	
Cr	52	2	He	-0.064	-6.417	-19.38	2257	0.00	2000	
Mn	55	2	He	84.888	8488.765	0.67	579583	0.01	2000	
Fe	56	2	He	126.192	12619.203	0.71	906563	0.01	200000	
Co	59	2	He	0.008	0.805	73.15	217	0.00	2000	
Ni	60	2	He	0.470	47.019	18.45	1543	0.03	2000	
Cu	63	2	He	0.011	1.145	223.50	2674	0.00	2000	
Zn	66	2	He	1.702	170.189	6.84	2834	0.06	2000	
As	75	2	He	-0.157	-15.708	-10.02	319	-0.05	2000	
Sb	121	2	He	-0.059	-5.872	-13.76	497	-0.01	2000	
Se	78	2	He	-0.168	-16.837	-166.46	367	-0.05	2000	
Ti	47	2	He	0.192	19.163	60.56	73	0.26	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1940730	1.73	1990044	97.52	70	120	
In	115	1	nogas	1893084	1.00	1869410	101.27	70	120	
Li	6	1	nogas	919853	0.52	986666	93.23	70	120	

Sample Report

Bi	209	1	nogas	1489549	1.04	1433678	103.90	70	120	
Ge	72	2	He	891785	0.84	920366	96.89	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01SD
Data File Name	028SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:24:43-06:00
Sample Type	Sample
Dilution	500
Comment	DISS B161680 Mn
ISTD Ref FileName	012CALB.d
Sample QC Pass/Fail	Pass
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	0.001	0.670	224.06	20	0.01	2000	
B	11	1	nogas	6.141	3070.642	8.54	22413	0.03	2000	
Al	27	1	nogas	3.299	1649.601	6.89	71066	0.00	2000	
Ti	47	1	nogas	0.038	19.018	65.83	227	0.02	2000	
Ni	60	1	nogas	0.170	85.176	4.59	1137	0.01	2000	
Cu	63	1	nogas	-0.271	-135.272	-3.21	2377	-0.01	2000	
Zn	66	1	nogas	0.675	337.310	17.21	2500	0.03	2000	
Se	77	1	nogas	-46.725	-23362.664	-3.46	7942	-0.59	2000	
Se	82	1	nogas	-0.130	-64.913	-93.04	383	-0.03	2000	
Sr	88	1	nogas	1.857	928.677	2.89	46340	0.00	2000	
Mo	95	1	nogas	0.507	253.363	5.17	2510	0.02	2000	
Ag	107	1	nogas	0.002	1.005	38.43	60	0.00	2000	
Cd	111	1	nogas	0.014	6.844	58.85	30	0.05	2000	
Sn	118	1	nogas	-6.907	-3453.296	-0.30	2027	-0.34	2000	
Sb	121	1	nogas	-0.065	-32.279	-18.48	573	-0.01	2000	
Ba	137	1	nogas	1.191	595.453	5.89	4357	0.03	2000	
Tl	205	1	nogas	0.005	2.453	17.70	183	0.00	2000	
Pb	208	1	nogas	0.004	2.021	25.62	627	0.00	2000	
U	238	1	nogas	0.002	0.888	54.28	80	0.00	2000	
Si	28	1	nogas	724.698	362348.972	5.80	1468692	0.05	2000	
Na	23	2	He	164.922	82461.217	1.14	280255	0.06	200000	
Mg	24	2	He	52.601	26300.566	1.35	50474	0.10	200000	
Al	27	2	He	4.820	2409.901	10.30	4987	0.10	2000	
K	39	2	He	8.425	4212.692	2.38	123573	0.01	200000	
Ca	43	2	He	237.642	118821.157	5.80	1043	22.78	200000	
Ca	44	2	He	252.766	126382.918	2.44	19757	1.28	200000	
V	51	2	He	-0.857	-428.633	-1.19	6181	-0.01	2000	
Cr	52	2	He	-0.030	-14.889	-82.57	2520	0.00	2000	
Mn	55	2	He	18.098	9049.214	0.81	123870	0.01	2000	
Fe	56	2	He	29.912	14956.198	1.74	229383	0.01	200000	
Co	59	2	He	0.004	2.151	75.54	177	0.00	2000	
Ni	60	2	He	0.188	94.195	9.13	763	0.02	2000	
Cu	63	2	He	-0.123	-61.646	-44.30	1727	-0.01	2000	
Zn	66	2	He	0.716	358.157	11.85	1360	0.05	2000	
As	75	2	He	-0.188	-93.888	-12.97	280	-0.07	2000	
Sb	121	2	He	-0.069	-34.328	-26.48	427	-0.02	2000	
Se	78	2	He	-0.004	-1.982	-4668.55	385	0.00	2000	
Ti	47	2	He	0.269	134.718	21.42	100	0.27	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1931818	1.42	1990044	97.07	70	120	
In	115	1	nogas	1906589	2.57	1869410	101.99	70	120	
Li	6	1	nogas	925466	0.64	986666	93.80	70	120	

Sample Report

Bi	209	1	nogas	1458135	3.34	1433678	101.71	70	120	
Ge	72	2	He	886154	0.94	920366	96.28	70	120	

Sample Report

Sample Table

Sample Name	HS21010577-01PDS
Data File Name	029SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:26:47-06:00
Sample Type	Sample
Dilution	100
Comment	DISS B161680 Mn
ISTD Ref FileName	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	FinalConc	Conc %RSD	CPS	%RSD	LDR	QC Flag
Be	9	1	nogas	101.817	10181.714	0.89	440046	0.02	2000	
B	11	1	nogas	6.881	688.117	6.39	23720	0.03	2000	
Al	27	1	nogas	99.769	9976.866	5.15	1278917	0.01	2000	
Ti	47	1	nogas	94.297	9429.690	0.36	141636	0.07	2000	
Ni	60	1	nogas	97.519	9751.898	0.35	404660	0.02	2000	
Cu	63	1	nogas	103.826	10382.640	0.30	953251	0.01	2000	
Zn	66	1	nogas	99.444	9944.358	0.68	263257	0.04	2000	
Se	77	1	nogas	28.992	2899.151	18.64	18173	0.16	2000	
Se	82	1	nogas	98.237	9823.721	1.08	16424	0.60	2000	
Sr	88	1	nogas	8.760	876.036	2.50	203987	0.00	2000	
Mo	95	1	nogas	105.101	10510.062	2.17	461556	0.02	2000	
Ag	107	1	nogas	100.274	10027.353	1.58	1059183	0.01	2000	
Cd	111	1	nogas	105.177	10517.693	1.02	221041	0.05	2000	
Sn	118	1	nogas	-6.898	-689.771	-0.46	1973	-0.35	2000	
Sb	121	1	nogas	99.366	9936.575	0.29	868163	0.01	2000	
Ba	137	1	nogas	109.909	10990.904	2.81	371320	0.03	2000	
Tl	205	1	nogas	103.980	10398.035	2.15	1564983	0.01	2000	
Pb	208	1	nogas	96.960	9696.034	0.34	2265861	0.00	2000	
U	238	1	nogas	0.003	0.318	50.38	117	0.00	2000	
Si	28	1	nogas	2325.529	232552.913	0.96	2516876	0.09	2000	>LDR
Na	23	2	He	10490.207	1049020.713	1.20	15758819	0.07	200000	
Mg	24	2	He	10084.064	1008406.421	1.14	9602947	0.11	200000	
Al	27	2	He	102.061	10206.141	1.04	75142	0.14	2000	
K	39	2	He	9840.903	984090.322	1.74	13369304	0.07	200000	
Ca	43	2	He	10374.526	1037452.611	1.25	42853	24.21	200000	
Ca	44	2	He	10822.863	1082286.339	1.30	733388	1.48	200000	
V	51	2	He	100.199	10019.869	0.62	774244	0.01	2000	
Cr	52	2	He	99.077	9907.697	1.51	812117	0.01	2000	
Mn	55	2	He	175.670	17567.001	0.54	1199087	0.01	2000	
Fe	56	2	He	9766.478	976647.773	2.21	68623972	0.01	200000	
Co	59	2	He	102.698	10269.813	1.16	1078354	0.01	2000	
Ni	60	2	He	97.936	9793.580	0.43	270449	0.04	2000	
Cu	63	2	He	97.859	9785.860	0.91	681782	0.01	2000	
Zn	66	2	He	98.448	9844.785	1.46	146741	0.07	2000	
As	75	2	He	95.709	9570.929	0.39	116087	0.08	2000	
Sb	121	2	He	92.325	9232.456	0.73	627540	0.01	2000	
Se	78	2	He	98.089	9808.938	1.31	12477	0.79	2000	
Ti	47	2	He	97.647	9764.733	0.06	34172	0.29	200	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1904846	0.76	1990044	95.72	70	120	
In	115	1	nogas	1810223	2.79	1869410	96.83	70	120	
Li	6	1	nogas	909850	1.32	986666	92.21	70	120	

Sample Report

Bi	209	1	nogas	1475809	1.40	1433678	102.94	70	120	
Ge	72	2	He	892665	0.80	920366	96.99	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	037_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:42:49-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.021	46.0	112	39.1	1	
B	11	1	nogas	19.389	12.4	56304	9.9	10	CCB Main CR1 Failed
Al	27	1	nogas	0.002	5909.5	30365	3.8	5	
P	31	1	nogas	-8.660	-7.8	22984	1.7	10	
Ti	47	1	nogas	0.035	79.3	230	17.4	2.5	
Ni	60	1	nogas	0.013	243.6	493	26.5	2.5	
Cu	63	1	nogas	-0.291	-10.7	2274	13.9	2	
Zn	66	1	nogas	0.003	749.3	733	8.0	2.5	
Se	77	1	nogas	-28.842	-13.1	10853	6.3	2.5	
Se	82	1	nogas	0.049	109.2	430	2.3	2	
Sr	88	1	nogas	0.015	129.9	1407	33.2	2.5	
Mo	95	1	nogas	0.503	12.7	2564	10.4	2.5	
Ag	107	1	nogas	0.019	72.4	250	60.0	2.5	
Cd	111	1	nogas	0.019	34.6	43	35.3	1	
Sn	118	1	nogas	-5.973	-1.8	8002	6.9	5	
Sb	121	1	nogas	0.323	2.5	4164	1.4	2.5	
Ba	137	1	nogas	0.018	48.2	193	15.8	2.5	
Tl	205	1	nogas	0.433	45.8	6512	47.9	1	
Pb	208	1	nogas	0.034	26.8	1297	18.8	2.5	
U	238	1	nogas	0.037	47.9	977	48.7	2.5	
Si	28	1	nogas	-141.473	-19.6	918578	1.1	5	
Na	23	2	He	1.142	80.9	37163	3.4	100	
Mg	24	2	He	1.806	5.5	2500	3.7	100	
Al	27	2	He	0.204	188.6	1710	16.7	5	
K	39	2	He	0.201	1400.3	114439	3.2	100	
Ca	43	2	He	-4.467	-275.4	53	96.2	100	
Ca	44	2	He	-15.784	-10.5	1790	5.9	100	
V	51	2	He	-0.705	-2.5	7455	2.2	2.5	
Cr	52	2	He	-0.035	-64.0	2517	7.8	2.5	
Mn	55	2	He	0.042	22.6	1693	3.6	2.5	
Fe	56	2	He	2.339	2.4	37705	0.6	100	
Co	59	2	He	0.013	25.0	273	12.8	2.5	
Ni	60	2	He	0.003	902.7	260	30.0	2.5	
Cu	63	2	He	-0.198	-10.1	1237	11.0	2	
Zn	66	2	He	-0.015	-206.3	283	16.7	2.5	
As	75	2	He	-0.028	-145.8	479	10.9	2.5	
Sb	121	2	He	0.225	17.3	2447	11.2	2.5	
Se	78	2	He	0.605	54.8	467	8.7	2	
Ti	47	2	He	0.142	22.8	57	20.4	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2011601	1.53	1990044	101.08	70	120	
In	115	1	nogas	1962613	1.63	1869410	104.99	70	120	

Continuing Calibration Blank (CCB) Report

Li	6	1	nogas	980879	0.71	986666	99.41	70	120	
Bi	209	1	nogas	1438104	2.85	1433678	100.31	70	120	
Ge	72	2	He	900851	0.41	920366	97.88	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	038_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T12:44:51-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	98.835	0.162	433731	0.93	100	98.8	90	110	
B	11	1	nogas	525.677	0.611	1225255	0.81	500	105.1	90	110	
Al	27	1	nogas	96.397	2.241	1316802	2.59	100	96.4	90	110	
P	31	1	nogas	461.491	2.198	429338	1.94	500	92.3	90	110	
Ti	47	1	nogas	90.578	1.150	144860	1.69	100	90.6	90	110	
Ni	60	1	nogas	91.924	2.478	406076	1.53	100	91.9	90	110	
Cu	63	1	nogas	96.458	2.301	943178	1.98	100	96.5	90	110	
Zn	66	1	nogas	93.146	3.575	262573	3.54	100	93.1	90	110	
Se	77	1	nogas	52.664	12.231	22778	2.68	100	52.7	90	110	CCV Main CR1-2 Failed
Se	82	1	nogas	90.247	5.241	16094	4.05	100	90.2	90	110	
Sr	88	1	nogas	90.668	1.704	2245761	2.73	100	90.7	90	110	
Mo	95	1	nogas	95.487	3.125	447824	2.52	100	95.5	90	110	
Ag	107	1	nogas	94.894	3.091	1070328	2.62	100	94.9	90	110	
Cd	111	1	nogas	97.333	3.118	218388	2.51	100	97.3	90	110	
Sn	118	1	nogas	97.357	2.260	653869	1.65	100	97.4	90	110	
Sb	121	1	nogas	98.011	2.338	911672	2.19	100	98.0	90	110	
Ba	137	1	nogas	96.993	1.855	350013	1.82	100	97.0	90	110	
Tl	205	1	nogas	109.127	4.706	1552362	2.66	100	109.1	90	110	
Pb	208	1	nogas	101.001	5.174	2230062	2.18	100	101.0	90	110	
U	238	1	nogas	99.071	4.409	2417115	1.73	100	99.1	90	110	
Li	7	1	nogas	105.657	0.838	1458227	1.89	100	105.7	90	110	
Si	28	1	nogas	5376.149	2.557	4847819	1.96	5000	107.5	90	110	
Ba	135	1	nogas	88.694	2.853	201005	2.02	100	88.7	90	110	CCV Main CR1-2 Failed
Tl	203	1	nogas	100.923	6.042	703267	3.02	100	100.9	90	110	
Na	23	2	He	9667.901	0.993	14885951	0.98	10000	96.7	90	110	
Mg	24	2	He	9694.644	1.644	9460502	1.60	10000	96.9	90	110	
Al	27	2	He	93.394	2.771	70597	2.65	100	93.4	90	110	
K	39	2	He	9566.682	1.329	13321809	1.26	10000	95.7	90	110	
Ca	43	2	He	9235.345	0.587	39098	0.61	10000	92.4	90	110	
Ca	44	2	He	9582.219	0.294	665744	0.27	10000	95.8	90	110	
V	51	2	He	93.985	0.228	745014	0.25	100	94.0	90	110	
Cr	52	2	He	94.376	0.182	792898	0.22	100	94.4	90	110	
Mn	55	2	He	91.670	0.604	641882	0.54	100	91.7	90	110	
Fe	56	2	He	9507.109	0.472	68460881	0.52	10000	95.1	90	110	
Co	59	2	He	97.658	0.479	1050846	0.49	100	97.7	90	110	
Ni	60	2	He	94.395	1.133	267125	1.13	100	94.4	90	110	
Cu	63	2	He	94.370	1.241	673847	1.18	100	94.4	90	110	
Zn	66	2	He	93.528	1.600	142877	1.54	100	93.5	90	110	
As	75	2	He	93.553	0.808	116288	0.74	100	93.6	90	110	
Sb	121	2	He	92.025	0.770	640981	0.71	100	92.0	90	110	
Se	78	2	He	91.137	0.611	11908	0.55	100	91.1	90	110	
Ti	47	2	He	92.088	2.869	33023	2.84	100	92.1	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2028181	1.68	1990044	101.92	70	120	
In	115	1	nogas	1932727	1.50	1869410	103.39	70	120	
Li	6	1	nogas	923790	1.09	986666	93.63	70	120	
Bi	209	1	nogas	1395819	3.05	1433678	97.36	70	120	
Ge	72	2	He	914726	0.06	920366	99.39	70	120	

Continuing Calibration Verification (CCV) Report

Sample Table

Sample Name	CCV
Data File Name	049_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T13:07:09-06:00
Sample Type	CCV
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Exp Value	%Rec	%Low	%High2	QC Flag
Be	9	1	nogas	99.409	0.800	435759	1.33	100	99.4	90	110	
B	11	1	nogas	526.948	2.411	1226909	2.90	500	105.4	90	110	
Al	27	1	nogas	98.066	3.456	1317761	1.98	100	98.1	90	110	
P	31	1	nogas	465.030	3.429	425555	1.78	500	93.0	90	110	
Ti	47	1	nogas	89.648	3.156	141098	1.75	100	89.6	90	110	CCV Main CR1-2 Failed
Ni	60	1	nogas	92.364	2.892	401622	1.48	100	92.4	90	110	
Cu	63	1	nogas	96.968	3.002	933188	1.58	100	97.0	90	110	
Zn	66	1	nogas	94.113	3.541	261086	2.16	100	94.1	90	110	
Se	77	1	nogas	52.704	13.705	22427	3.21	100	52.7	90	110	CCV Main CR1-2 Failed
Se	82	1	nogas	92.543	3.327	16238	2.14	100	92.5	90	110	
Sr	88	1	nogas	91.866	1.487	2227974	2.00	100	91.9	90	110	
Mo	95	1	nogas	94.768	0.413	435290	1.14	100	94.8	90	110	
Ag	107	1	nogas	95.269	0.707	1052421	1.70	100	95.3	90	110	
Cd	111	1	nogas	97.367	1.496	213985	2.63	100	97.4	90	110	
Sn	118	1	nogas	97.208	0.800	639488	1.91	100	97.2	90	110	
Sb	121	1	nogas	97.950	3.424	896680	2.04	100	97.9	90	110	
Ba	137	1	nogas	97.427	0.874	344316	1.96	100	97.4	90	110	
Tl	205	1	nogas	105.268	5.336	1532451	2.02	100	105.3	90	110	
Pb	208	1	nogas	96.823	5.253	2188347	1.94	100	96.8	90	110	
U	238	1	nogas	95.763	5.933	2390362	1.12	100	95.8	90	110	
Li	7	1	nogas	103.743	0.961	1431256	0.68	100	103.7	90	110	
Si	28	1	nogas	5437.600	2.069	4814798	0.30	5000	108.8	90	110	
Ba	135	1	nogas	89.007	1.367	197583	2.52	100	89.0	90	110	CCV Main CR1-2 Failed
Tl	203	1	nogas	96.374	4.777	687682	2.07	100	96.4	90	110	
Na	23	2	He	9709.618	1.086	15214826	0.87	10000	97.1	90	110	
Mg	24	2	He	9613.954	0.575	9548054	0.42	10000	96.1	90	110	
Al	27	2	He	92.949	0.944	71514	0.80	100	92.9	90	110	
K	39	2	He	9559.285	0.378	13547604	0.31	10000	95.6	90	110	
Ca	43	2	He	9460.247	0.514	40758	0.69	10000	94.6	90	110	
Ca	44	2	He	9537.643	0.686	674398	0.24	10000	95.4	90	110	
V	51	2	He	92.882	0.910	749455	0.37	100	92.9	90	110	
Cr	52	2	He	93.011	0.229	795324	0.47	100	93.0	90	110	
Mn	55	2	He	91.033	1.348	648715	0.97	100	91.0	90	110	
Fe	56	2	He	9442.628	1.268	69199501	0.76	10000	94.4	90	110	
Co	59	2	He	95.909	0.185	1050334	0.60	100	95.9	90	110	
Ni	60	2	He	93.245	1.496	268566	2.00	100	93.2	90	110	
Cu	63	2	He	92.542	0.183	672577	0.67	100	92.5	90	110	
Zn	66	2	He	92.938	0.341	144500	0.85	100	92.9	90	110	
As	75	2	He	92.799	1.271	117396	0.74	100	92.8	90	110	
Sb	121	2	He	90.842	1.281	643983	1.52	100	90.8	90	110	
Se	78	2	He	93.145	0.731	12377	0.22	100	93.1	90	110	
Ti	47	2	He	92.442	1.079	33737	1.02	100	92.4	90	110	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	1996488	1.43	1990044	100.32	70	120	
In	115	1	nogas	1892551	1.17	1869410	101.24	70	120	
Li	6	1	nogas	922718	0.53	986666	93.52	70	120	
Bi	209	1	nogas	1429670	5.14	1433678	99.72	70	120	
Ge	72	2	He	930948	0.52	920366	101.15	70	120	

Continuing Calibration Blank (CCB) Report

Sample Table

Sample Name	CCB
Data File Name	050_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq Date Time	2021-01-27T13:09:07-06:00
Sample Type	CCB
Dilution	1
Comment	
ISTD Ref File Name	012CALB.d
Sample QC Pass/Fail	Fail
ISTD Pass/Fail	Pass

QC Analyte Table

Name	Mass	Tune Step	Tune Mode	Conc	Conc %RSD	CPS	CPS %RSD	Upper Limit	QC Flag
Be	9	1	nogas	0.024	47.4	125	41.6	1	
B	11	1	nogas	20.253	12.8	58507	10.4	10	CCB Main CR1 Failed
Al	27	1	nogas	-0.259	-59.3	27159	9.1	5	
P	31	1	nogas	-9.988	-10.6	22023	4.5	10	
Ti	47	1	nogas	0.044	83.0	247	23.1	2.5	
Ni	60	1	nogas	0.044	58.7	633	16.2	2.5	
Cu	63	1	nogas	-0.259	-3.8	2604	3.1	2	
Zn	66	1	nogas	-0.022	-266.8	670	26.2	2.5	
Se	77	1	nogas	-36.923	-7.0	9766	5.9	2.5	
Se	82	1	nogas	0.283	132.5	473	12.2	2	
Sr	88	1	nogas	0.029	38.8	1737	14.7	2.5	
Mo	95	1	nogas	0.549	16.7	2764	14.4	2.5	
Ag	107	1	nogas	0.022	19.5	283	16.3	2.5	
Cd	111	1	nogas	0.038	57.7	87	58.1	1	
Sn	118	1	nogas	-6.045	-0.3	7495	0.7	5	
Sb	121	1	nogas	0.085	24.8	1990	7.9	2.5	
Ba	137	1	nogas	0.036	47.9	257	25.4	2.5	
Tl	205	1	nogas	0.297	45.5	4494	46.3	1	
Pb	208	1	nogas	0.036	32.9	1347	21.6	2.5	
U	238	1	nogas	0.050	37.1	1300	38.1	2.5	
Si	28	1	nogas	-136.944	-18.3	929090	1.4	5	
Na	23	2	He	26.052	2.0	75666	1.0	100	
Mg	24	2	He	2.231	6.5	2940	4.8	100	
Al	27	2	He	-0.079	-327.4	1520	12.5	5	
K	39	2	He	4.141	18.0	121107	0.8	100	
Ca	43	2	He	-2.207	-164.5	63	24.1	100	
Ca	44	2	He	-15.055	-9.5	1860	5.3	100	
V	51	2	He	-0.876	-2.1	6209	2.3	2.5	
Cr	52	2	He	-0.026	-31.0	2624	2.5	2.5	
Mn	55	2	He	0.088	46.4	2027	14.0	2.5	
Fe	56	2	He	2.987	10.5	42756	5.2	100	
Co	59	2	He	0.015	51.9	300	28.5	2.5	
Ni	60	2	He	-0.004	-376.4	243	16.6	2.5	
Cu	63	2	He	-0.195	-2.9	1267	3.2	2	
Zn	66	2	He	0.029	153.9	353	18.8	2.5	
As	75	2	He	0.004	961.7	524	9.9	2.5	
Sb	121	2	He	0.047	12.9	1237	3.4	2.5	
Se	78	2	He	0.065	750.8	404	15.3	2	
Ti	47	2	He	0.084	19.2	37	15.7	2.5	

QC ISTD Table

Name	Mass	Tune Step	Tune Mode	CPS	%RSD	Ref CPS	%Rec	%QC Low	%QC High	QC Flag
Ge	72	1	nogas	2027618	2.14	1990044	101.89	70	120	
In	115	1	nogas	1948121	1.14	1869410	104.21	70	120	

Continuing Calibration Blank (CCB) Report

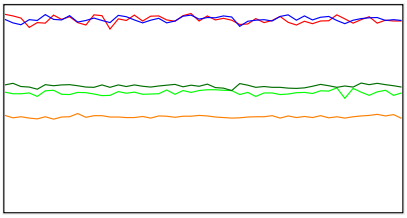
Li	6	1	nogas	982135	0.54	986666	99.54	70	120	
Bi	209	1	nogas	1439332	2.01	1433678	100.39	70	120	
Ge	72	2	He	910693	0.03	920366	98.95	70	120	

Tune Check Report

Operator Name	ALSHS NoUser
Acq/Data Batch	C:\Agilent\ICPMH\1\DATA\012721A.b
Acq. Date-Time	1/27/2021 10:13:43 AM
Report Comment	---
Instrument Name	G3281A JP11080910

[nogas]

Sensitivity



Sampling Period [sec]	0.514
Integration Time [sec]	0.1

Mass	Range	Count	Resp [cps/ug/l]	Resp (Required) [cps/ug/l]	Resp (Flag)
9	5000	4657	46571.08		
24	20000	11550	115495.23		
59	20000	18684	186840.83		
115	50000	23044	230435.52		
208	20000	12199	121987.77		

Mass	Resp Ratio	Resp Ratio (Required)	Resp Ratio (Flag)
9		-	
24		-	
59		-	
115		-	
208		-	

Mass	RSD%	RSD% (Required)	RSD% (Flag)
9	1.850	5.000	
24	1.810	5.000	
59	1.373	5.000	
115	1.218	5.000	
208	1.261	5.000	

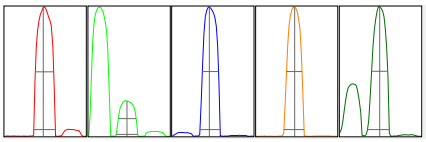
Mass	Background	Background (Required)	Background (Flag)
9	3.200		
24	1.900		
59	2.300		
115	1.700		
208	5.000		

Oxide/Doubly Charged Ratio

Oxide	156 / 140 0.519 %
Doubly Charged	70 / 140 1.322 %

Tune Check Report

Resolution/Axis



Integration Time [sec]	0.1
Acquisition Time [sec]	37.4
Y Axis	Linear

Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	4715.86	8.95	8.90 - 9.10	
24	11454.96	23.95	23.90 - 24.10	
59	19032.31	58.90	58.90 - 59.10	
115	23223.27	114.95	114.90 - 115.10	
208	12167.65	208.00	207.90 - 208.10	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.67	0.788		
24	0.64	0.787		
59	0.60	0.737		
115	0.56	0.736		
208	0.59	0.794		

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.45 L/min	Dilution Gas	0.50 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	---
RF Matching	1.70 V	Nebulizer Pump	0.10 rps	Plasma Gas	---
Sample Depth	8.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.0 V	Deflect	10.0 V
Extract 2	-200.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9990	QP Bias	-3.0 V
Mass Offset	127	Axis Offset	0.07		

Hardware Settings

Torch

Torch H	0.0 mm	Torch V	0.2 mm		

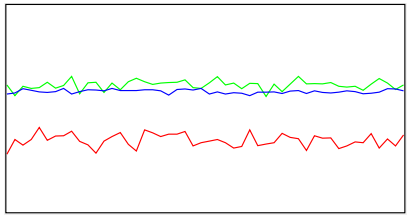
EM

Discriminator	4.5 mV	Analog HV	1565 V	Pulse HV	1217 V

[He]

Tune Check Report

Sensitivity



Sampling Period [sec]	0.306
Integration Time [sec]	0.1

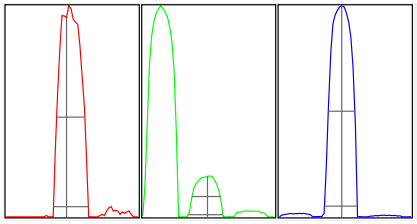
Mass	Range	Count	Resp [cps/ug/l]	Resp (Required) [cps/ug/l]	Resp (Flag)
9	500	173	1729.48		
24	2000	1229	12289.52		
59	20000	11659	116587.66		

Mass	Resp Ratio	Resp Ratio (Required)	Resp Ratio (Flag)
9		-	
24		-	
59		-	

Mass	RSD%	RSD% (Required)	RSD% (Flag)
9	8.966	5.000	Fail
24	3.528	5.000	
59	1.525	5.000	

Mass	Background	Background (Required)	Background (Flag)
9			
24			
59			

Resolution/Axis



Integration Time [sec]	0.1
Acquisition Time [sec]	22.24
Y Axis	Linear

Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	172.01	8.90	8.90 - 9.10	
24	1242.95	24.00	23.90 - 24.10	
59	11712.80	58.95	58.90 - 59.10	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.784		
24	0.63	0.776		
59	0.59	0.736		

Tune Parameters

Plasma Parameters

Tune Check Report

Plasma Mode	---	Nebulizer Gas	0.45 L/min	Dilution Gas	0.50 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	---
RF Matching	1.70 V	Nebulizer Pump	0.10 rps	Plasma Gas	---
Sample Depth	8.0 mm	S/C Temp	2 °C		
Lens Parameters					
Extract 1	0.0 V	Omega Lens	8.0 V	Deflect	2.0 V
Extract 2	-200.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-60 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	190 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9990	QP Bias	-13.0 V
Mass Offset	127	Axis Offset	0.07		
Hardware Settings					
Torch					
Torch H	0.0 mm	Torch V	0.2 mm		
EM					
Discriminator	4.5 mV	Analog HV	1565 V	Pulse HV	1217 V

HS21010577 Wet Chem Raw Data (9056_anions_W)

ALS WO# HS21010577

Sequence: 011521
Last Update Operator: alshs.nouser

CD	Name	Comment	Type	Position	Dilution	Level	Instrument Method	Processing Method	me	Status
	STD1		Calibration	BE1	1.00	1	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD2		Calibration	BE2	1.00	2	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD3		Calibration	BE3	1.00	3	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD4		Calibration	BE4	1.00	4	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD5		Calibration	BE5	1.00	5	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	STD6		Calibration	BE6	1.00	6	Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	ICV		Unknown	BE7	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	ICB		Unknown	BE8	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCV		Unknown	R1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCB		Unknown	B1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	MBLK-011521		Unknown	B2	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	LCS-011521		Unknown	R2	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010577-01		Unknown	RB8	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCV1		Unknown	R3	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCB		Unknown	B8	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCV		Unknown	R1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCB		Unknown	B3	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010577-01MS		Unknown	RC1	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	HS21010577-01MSD		Unknown	RC2	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCV1		Unknown	R3	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished
	CCB		Unknown	B5	1.00		Anions Program 06022020.1	Anions Processing Method	5.0	Finished

Sequence: 011521
Last Update Operator: alshs.nouser

Inject Time
12/22/2020 10:09:24 AM -06:00
12/22/2020 10:27:30 AM -06:00
12/22/2020 10:45:39 AM -06:00
12/22/2020 11:03:45 AM -06:00
12/22/2020 11:21:56 AM -06:00
12/22/2020 11:40:02 AM -06:00
12/22/2020 11:58:12 AM -06:00
12/22/2020 12:37:40 PM -06:00
1/15/2021 11:01:07 AM -06:00
1/15/2021 11:19:12 AM -06:00
1/15/2021 11:37:19 AM -06:00
1/15/2021 11:55:31 AM -06:00
1/15/2021 2:02:22 PM -06:00
1/15/2021 2:20:33 PM -06:00
1/15/2021 2:58:30 PM -06:00
1/15/2021 6:18:07 PM -06:00
1/15/2021 7:12:29 PM -06:00
1/15/2021 8:43:08 PM -06:00
1/15/2021 9:01:16 PM -06:00
1/15/2021 10:31:47 PM -06:00
1/15/2021 11:08:03 PM -06:00

Sequence: 011521
Injection #6: STD6

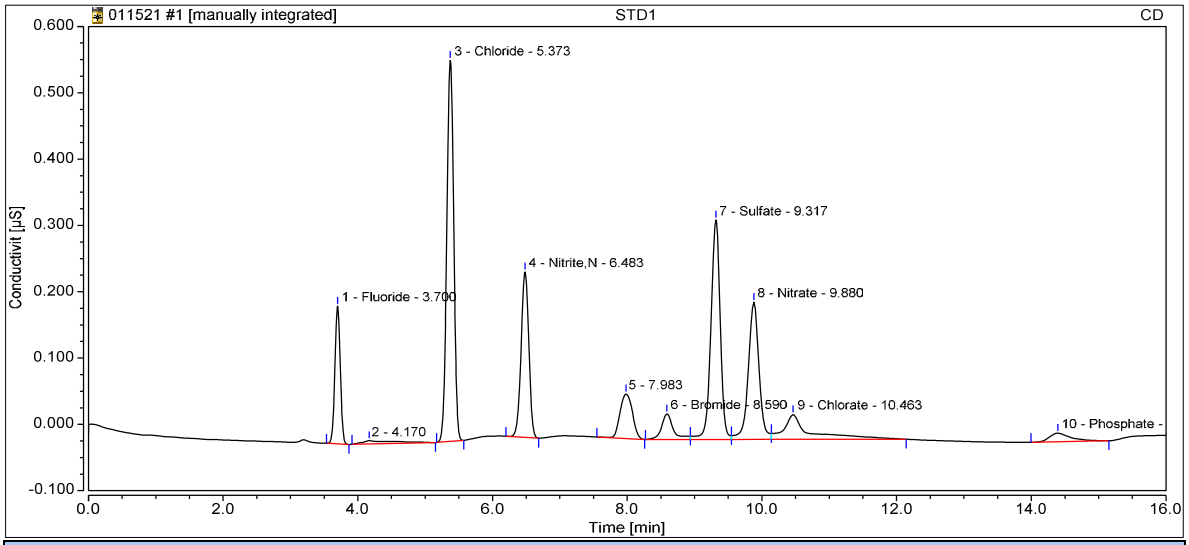
Calibration

Peak No.	Peak Name	Cal.Type	Eval.Type	Number of Points	Rel.Std.Dev. %	Coeff.of Determination	C0 (Offset)	C1 (Slope)	C2 (Curve)
1	*Fluoride*	*Lin, WithOffset, 1/*	*Area*	*6*	*14.8670*	*0.99909*	*-0.0168*	*0.3120*	*0.0000*
2	Chloride	Lin, WithOffset, 1/	Area	6	4.0466	0.99993	-0.0413	0.2139	0.0000
3	Nitrite,N	Lin, WithOffset, 1/	Area	6	32.6008	0.99398	0.0072	0.4304	0.0000
5	Bromide	Lin, WithOffset, 1/	Area	6	18.1106	0.99842	-0.0017	0.0815	0.0000
6	Sulfate	Lin, WithOffset, 1/	Area	6	6.2085	0.99983	-0.0300	0.1561	0.0000
7	Nitrate	Lin, WithOffset, 1/	Area	6	5.0172	0.99988	-0.0160	0.5372	0.0000
8	Chlorate	Lin, WithOffset, 1/	Area	6	20.3296	0.99642	0.0117	0.0933	0.0000
11	Phosphate	Lin, WithOffset, 1/	Area	6	59.1323	0.99061	-0.0237	0.1864	0.0000
Maximum					**59.1323**	0.99993			
Minimum					4.0466	**0.99061**			

1 STD1

Sample Name:	**STD1**	*Injection Volume:*	**5.00**
Vial Number:	**BE1**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 10:09**	*Sample Weight:*	**1.0000**

Run Time:



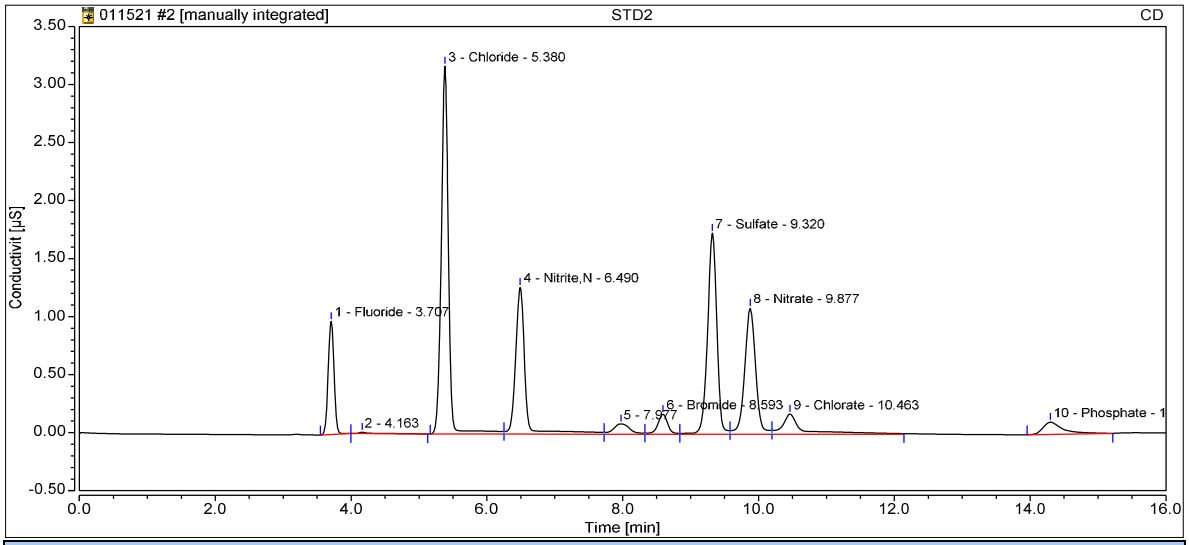
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.70	Fluoride	BMB*	0.019	0.1152	0.1152	1.0000
3	5.37	Chloride	BMB	0.068	0.5111	0.5111	1.0000
4	6.48	Nitrite,N	BMB	0.033	0.0600	0.0600	1.0000
6	8.59	Bromide	BM	0.008	0.1157	0.1157	1.0000
7	9.32	Sulfate	M	0.053	0.5325	0.5325	1.0000
8	9.88	Nitrate	M	0.038	0.1011	0.1011	1.0000
9	10.46	Chlorate	MB	0.017	0.0550	0.0550	1.0000
10	14.39	Phosphate	BMB	0.005	0.1539	0.1539	1.0000
Total:			**0.000**	**0.241**		**1.64**	

2 STD2

Sample Name:	**STD2**	*Injection Volume:*	**5.00**
Vial Number:	**BE2**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 10:27**	*Sample Weight:*	**1.0000**

Run Time:



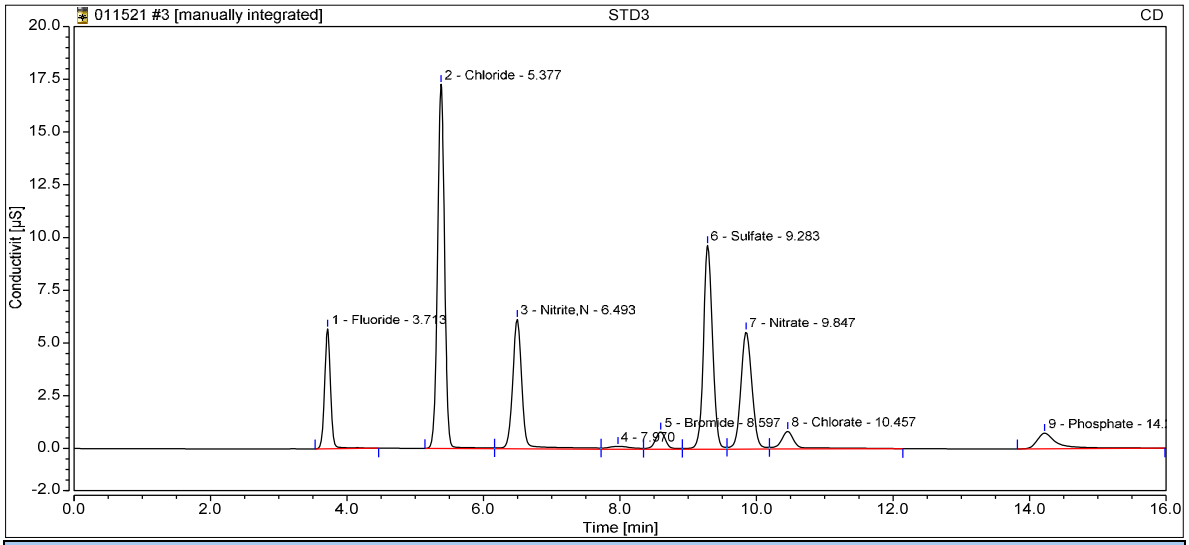
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMb*	0.097	0.3640	0.3640	1.0000
3	5.38	Chloride	BM *	0.390	2.0158	2.0158	1.0000
4	6.49	Nitrite,N	M *	0.207	0.4633	0.4633	1.0000
6	8.59	Bromide	M *	0.030	0.3908	0.3908	1.0000
7	9.32	Sulfate	M *	0.275	1.9562	1.9562	1.0000
8	9.88	Nitrate	M *	0.204	0.4096	0.4096	1.0000
9	10.46	Chlorate	M *	0.062	0.5391	0.5391	1.0000
10	14.30	Phosphate	BMB	0.036	0.3192	0.3192	1.0000
Total:			**0.000**	**1.300**		**6.46**	

3 STD3

Sample Name:	**STD3**	*Injection Volume:*	**5.00**
Vial Number:	**BE3**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 10:45**	*Sample Weight:*	**1.0000**

Run Time:



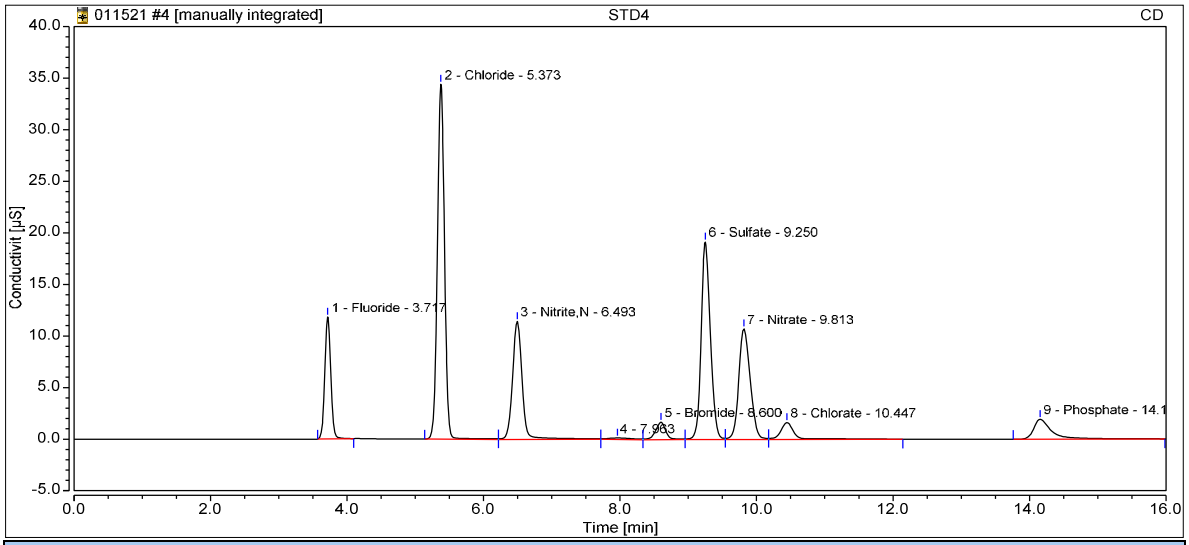
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMB*	0.569	1.8774	1.8774	1.0000
2	5.38	Chloride	BM *	2.060	9.8259	9.8259	1.0000
3	6.49	Nitrite,N	M *	0.999	2.3042	2.3042	1.0000
5	8.60	Bromide	M *	0.149	1.8520	1.8520	1.0000
6	9.28	Sulfate	M *	1.491	9.7446	9.7446	1.0000
7	9.85	Nitrate	M *	1.041	1.9683	1.9683	1.0000
8	10.46	Chlorate	MB*	0.212	2.1462	2.1462	1.0000
9	14.22	Phosphate	BMB	0.260	1.5229	1.5229	1.0000
Total:			**0.000**	**6.782**		**31.24**	

4 STD4

Sample Name:	**STD4**	*Injection Volume:*	**5.00**
Vial Number:	**BE4**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 11:03**	*Sample Weight:*	**1.0000**

Run Time:



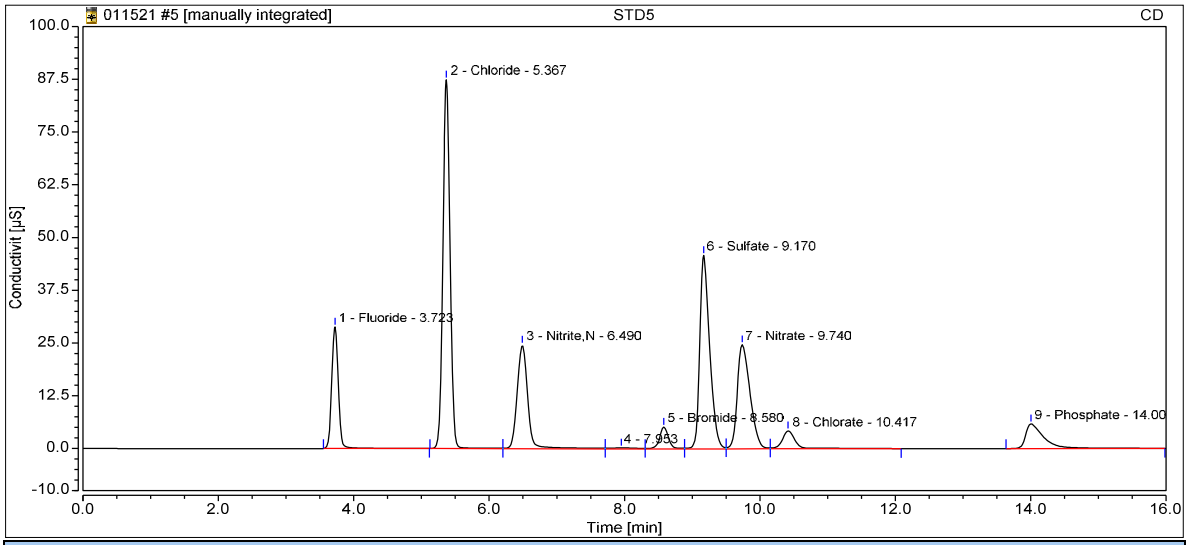
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	1.190	3.8683	3.8683	1.0000
2	5.37	Chloride	BM *	4.159	19.6370	19.6370	1.0000
3	6.49	Nitrite,N	M *	1.911	4.4234	4.4234	1.0000
5	8.60	Bromide	M *	0.297	3.6601	3.6601	1.0000
6	9.25	Sulfate	M *	3.009	19.4699	19.4699	1.0000
7	9.81	Nitrate	M *	2.080	3.9010	3.9010	1.0000
8	10.45	Chlorate	MB*	0.395	4.1143	4.1143	1.0000
9	14.16	Phosphate	BMB	0.611	3.4036	3.4036	1.0000
Total:			**0.000**	**13.651**		**62.48**	

5 STD5

Sample Name:	**STD5**	*Injection Volume:*	**5.00**
Vial Number:	**BE5**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 11:21**	*Sample Weight:*	**1.0000**

Run Time:



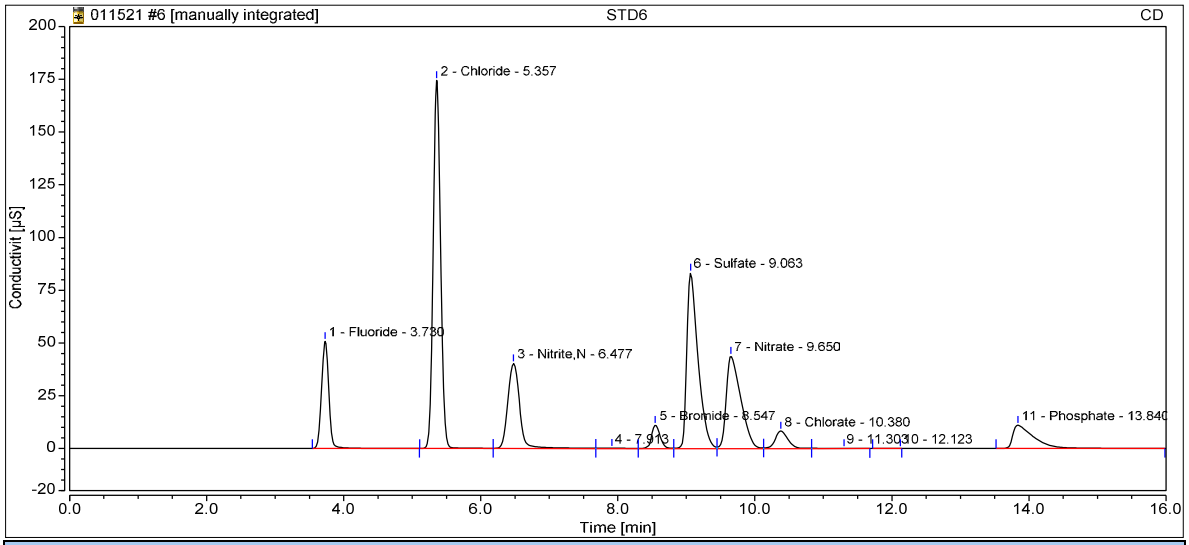
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	3.216	10.3590	10.3590	1.0000
2	5.37	Chloride	BM *	10.661	50.0390	50.0390	1.0000
3	6.49	Nitrite,N	M *	4.495	10.4277	10.4277	1.0000
5	8.58	Bromide	M *	0.814	10.0122	10.0122	1.0000
6	9.17	Sulfate	M *	7.787	50.0866	50.0866	1.0000
7	9.74	Nitrate	M *	5.356	9.9989	9.9989	1.0000
8	10.42	Chlorate	MB*	0.978	10.3629	10.3629	1.0000
9	14.01	Phosphate	BMB	1.822	9.9044	9.9044	1.0000
Total:			**0.000**	**35.129**		**161.19**	

6 STD6

Sample Name:	**STD6**	*Injection Volume:*	**5.00**
Vial Number:	**BE6**	*Channel:*	**CD**
Sample Type:	**Calibration Standard**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 11:40**	*Sample Weight:*	**1.0000**

Run Time:



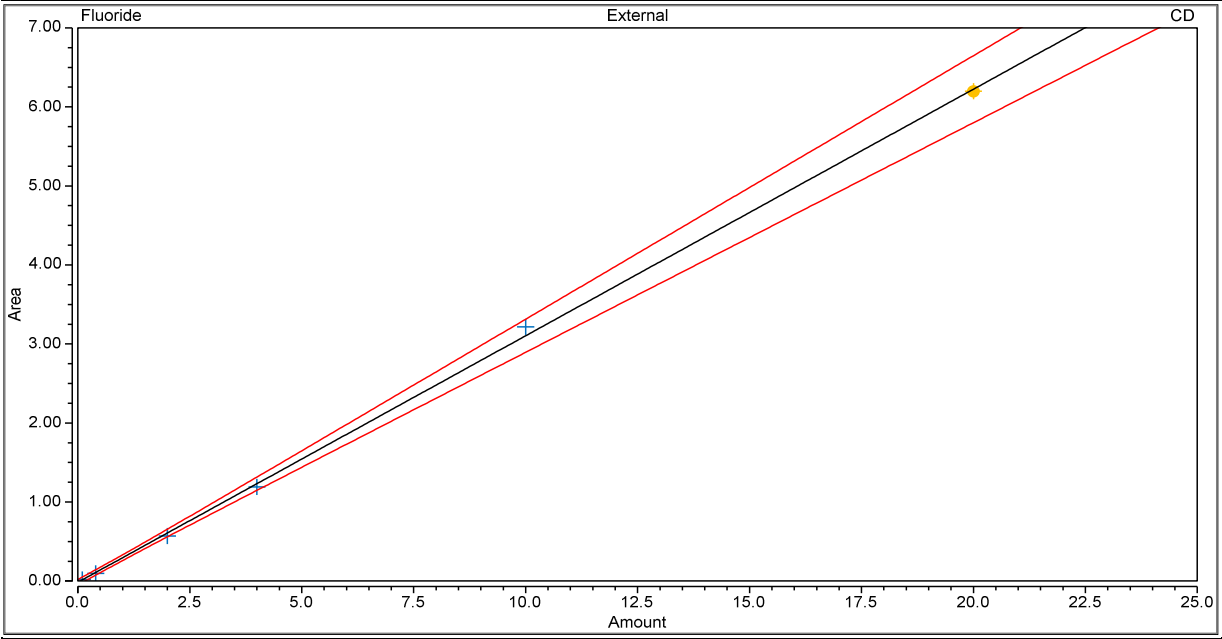
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.73	Fluoride	BMB	6.198	19.9160	19.9160	1.0000
2	5.36	Chloride	BMb*	21.448	100.4712	100.4712	1.0000
3	6.48	Nitrite,N	bM *	8.107	18.8214	18.8214	1.0000
5	8.55	Bromide	M *	1.666	20.4692	20.4692	1.0000
6	9.06	Sulfate	M *	15.688	100.7100	100.7100	1.0000
7	9.65	Nitrate	M *	10.794	20.1211	20.1211	1.0000
8	10.38	Chlorate	M *	1.810	19.2825	19.2825	1.0000
11	13.84	Phosphate	BMB	3.927	21.1960	21.1960	1.0000
Total:			**0.000**	**69.637**		**320.99**	

Calibration

Calibration Details	Fluoride		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	-0.0168
Evaluation Type	Area	*Slope (C1)*	0.3120
Number of Calibration Points	6	*Curve (C2)*	0.0000
Number of disabled Calibration Points	0	*R-Square*	0.9991

Calibration Plot **Fluoride**



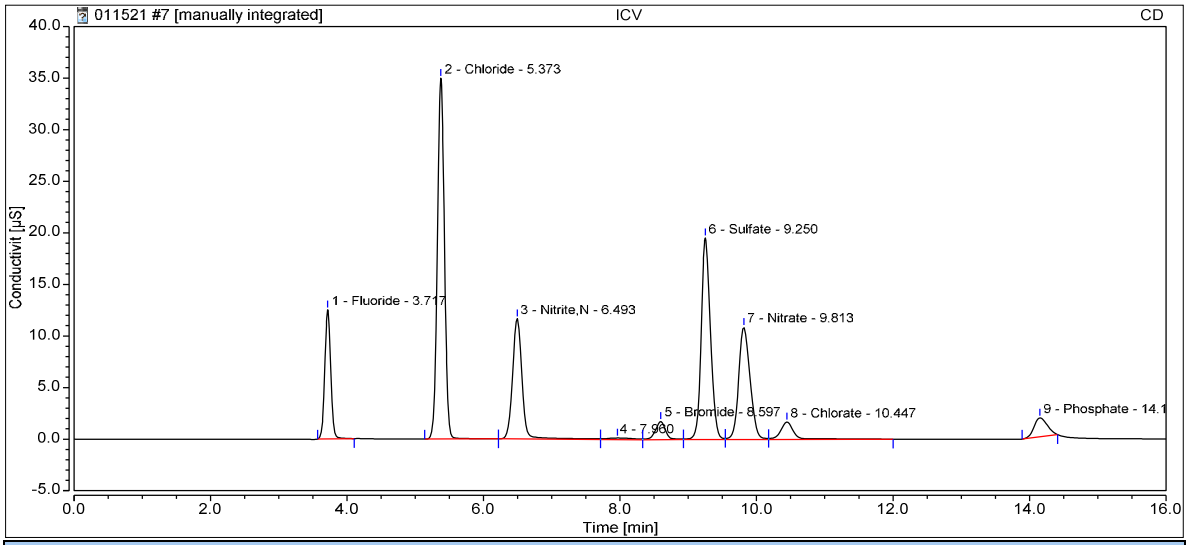
Calibration Results **Fluoride**

No.	Injection Name	Calibration Level	X Value CD Fluoride	Y Value CD Fluoride	Y Value CD Fluoride	Area µS*min CD Fluoride	Height µS CD Fluoride
1	STD1	1	0.1000	0.0192	0.0192	0.019	0.208
2	STD2	2	0.4000	0.0968	0.0968	0.097	0.973
3	STD3	3	2.0000	0.5690	0.5690	0.569	5.675
4	STD4	4	4.0000	1.1903	1.1903	1.190	11.819
5	STD5	5	10.0000	3.2156	3.2156	3.216	28.778
6	STD6	6	20.0000	6.1978	6.1978	6.198	50.799

7 ICV

Sample Name:	**ICV**	*Injection Volume:*	**5.00**
Vial Number:	**BE7**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 11:58**	*Sample Weight:*	**1.0000**

Run Time:



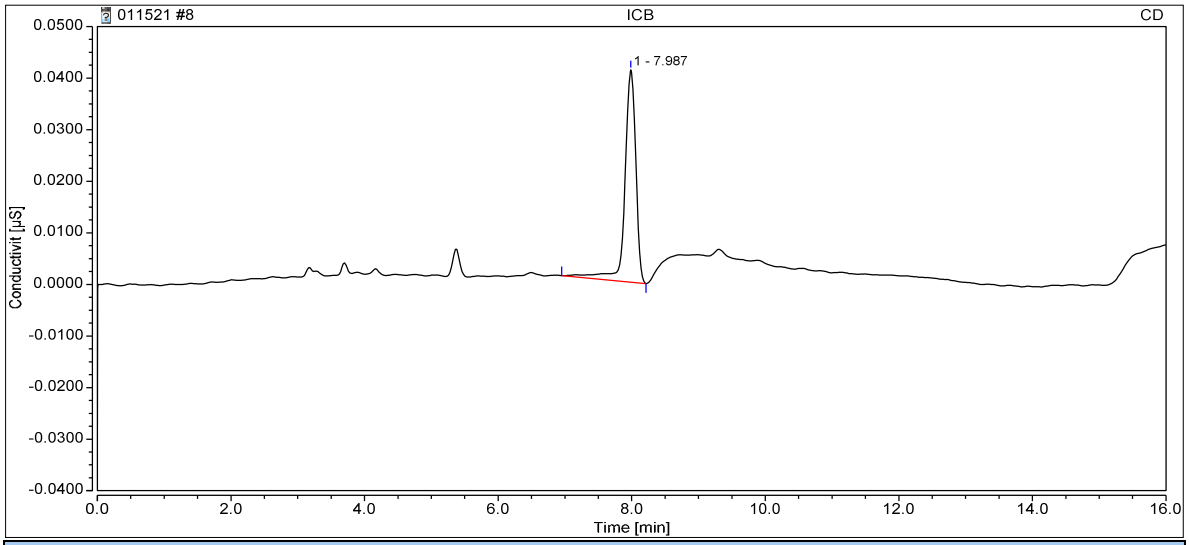
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	1.254	4.0740	4.0740	1.0000
2	5.37	Chloride	BMb*	4.186	19.7660	19.7660	1.0000
3	6.49	Nitrite,N	bM *	1.900	4.3980	4.3980	1.0000
5	8.60	Bromide	M *	0.307	3.7932	3.7932	1.0000
6	9.25	Sulfate	M *	3.081	19.9367	19.9367	1.0000
7	9.81	Nitrate	M *	2.103	3.9449	3.9449	1.0000
8	10.45	Chlorate	MB*	0.394	4.0992	4.0992	1.0000
9	14.15	Phosphate	BMB	0.411	2.3300	2.3300	1.0000
Total:			**0.000**	**13.637**		**62.34**	

8 ICB

Sample Name:	**ICB**	*Injection Volume:*	**5.00**
Vial Number:	**BE8**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**12/22/2020 12:37**	*Sample Weight:*	**1.0000**

Run Time:



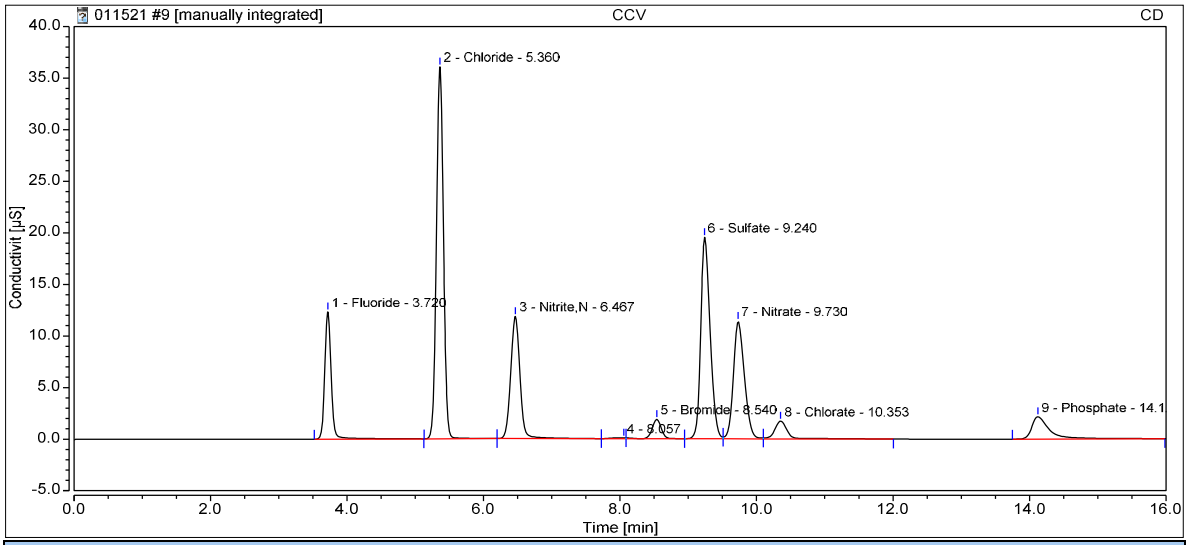
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.000**		**0.00**	

9 CCV

Sample Name:	**CCV**	*Injection Volume:*	**5.00**
Vial Number:	**R1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/15/2021 11:01**	*Sample Weight:*	**1.0000**

Run Time:



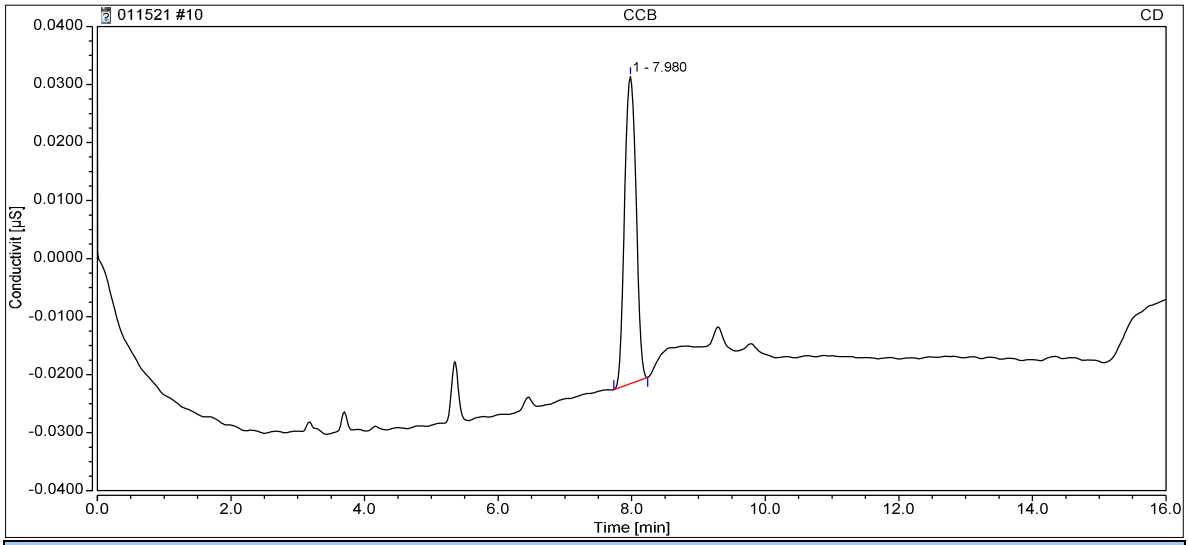
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	1.349	4.3765	4.3765	1.0000
2	5.36	Chloride	BMB	4.277	20.1897	20.1897	1.0000
3	6.47	Nitrite,N	BMB	1.884	4.3600	4.3600	1.0000
5	8.54	Bromide	M *	0.295	3.6426	3.6426	1.0000
6	9.24	Sulfate	M	3.119	20.1756	20.1756	1.0000
7	9.73	Nitrate	M	2.134	4.0014	4.0014	1.0000
8	10.35	Chlorate	MB	0.379	3.9435	3.9435	1.0000
9	14.12	Phosphate	BMB	0.669	3.7177	3.7177	1.0000
Total:			**0.000**	**14.106**		**64.41**	

10 CCB

Sample Name:	**CCB**	*Injection Volume:*	**5.00**
Vial Number:	**B1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/15/2021 11:19**	*Sample Weight:*	**1.0000**

Run Time:



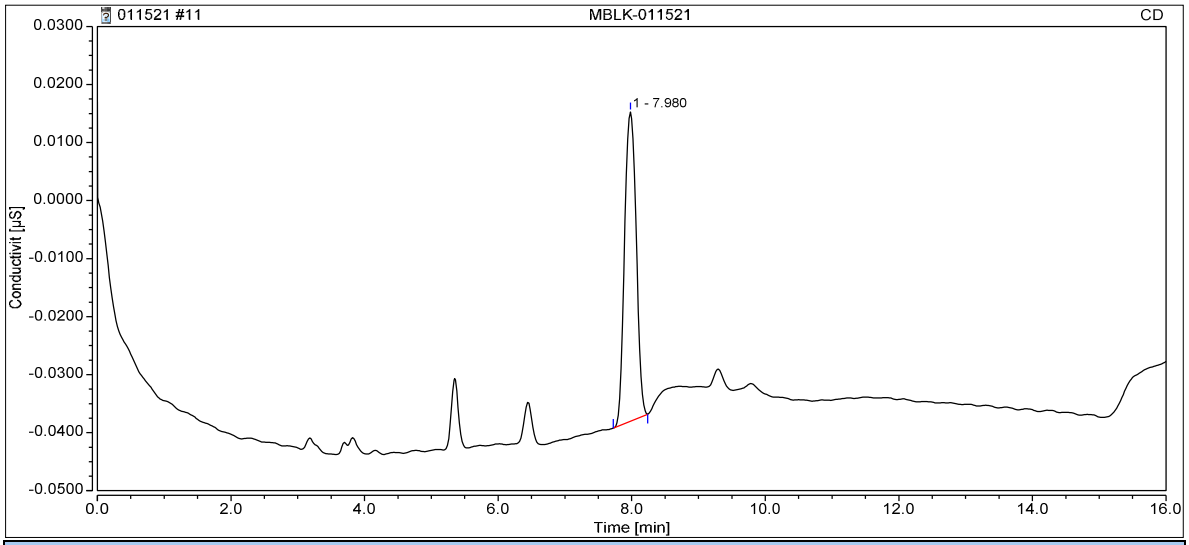
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.000**		**0.00**	

11 MBLK-011521

Sample Name:	**MBLK-011521**	*Injection Volume:*	**5.00**
Vial Number:	**B2**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/15/2021 11:37**	*Sample Weight:*	**1.0000**

Run Time:



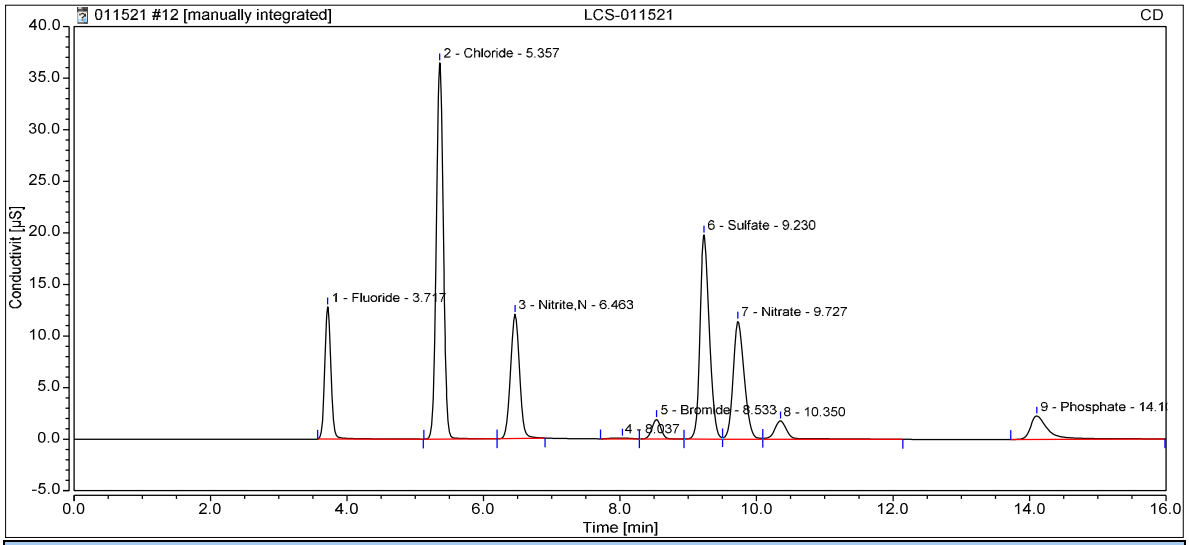
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.000**		**0.00**	

12 LCS-011521

Sample Name:	**LCS-011521**	*Injection Volume:*	**5.00**
Vial Number:	**R2**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/15/2021 11:55**	*Sample Weight:*	**1.0000**

Run Time:



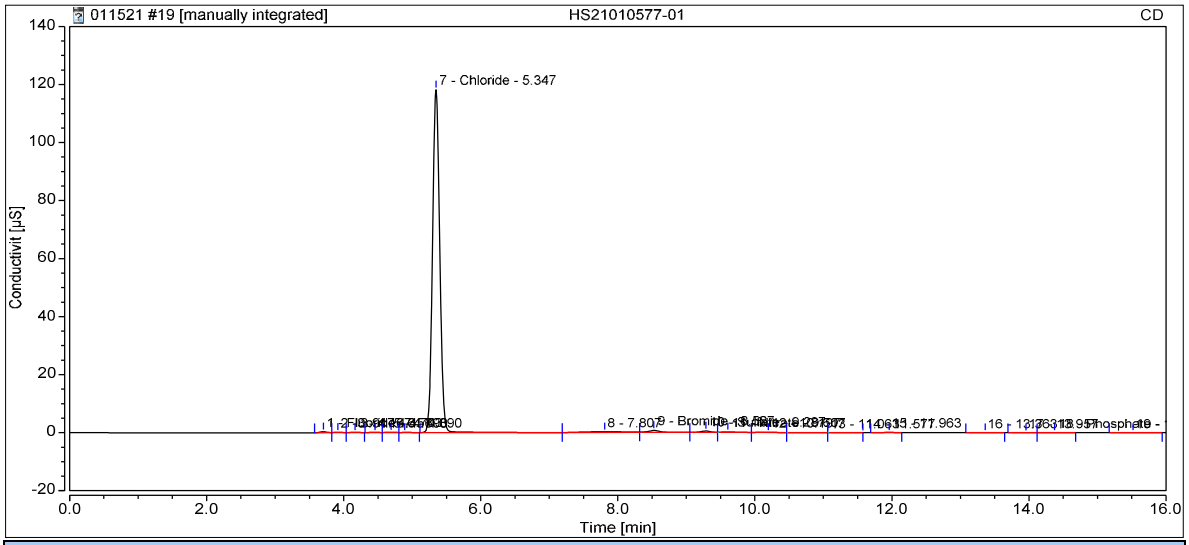
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	1.351	4.3842	4.3842	1.0000
2	5.36	Chloride	BMb*	4.340	20.4846	20.4846	1.0000
3	6.46	Nitrite,N	bMB*	1.863	4.3110	4.3110	1.0000
5	8.53	Bromide	M *	0.296	3.6474	3.6474	1.0000
6	9.23	Sulfate	M *	3.144	20.3405	20.3405	1.0000
7	9.73	Nitrate	M *	2.158	4.0471	4.0471	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
9	14.11	Phosphate	BMB	0.690	3.8322	3.8322	1.0000
Total:			**0.000**	**13.843**		**61.05**	

19 HS21010577-01

Sample Name:	**HS21010577-01**	*Injection Volume:*	**5.00**
Vial Number:	**RB8**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/15/2021 14:02**	*Sample Weight:*	**1.0000**

Run Time:



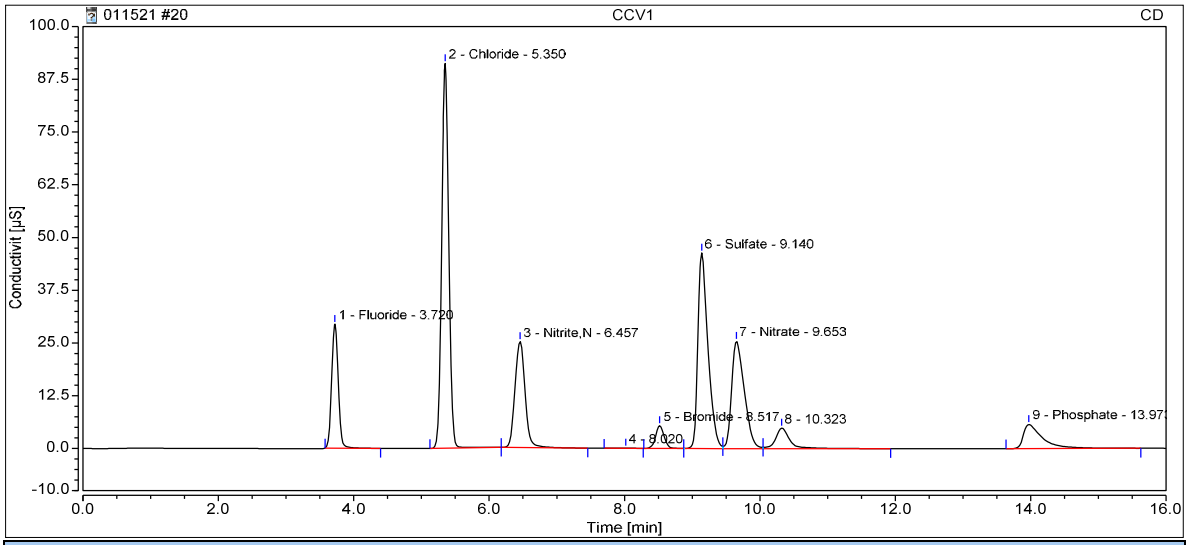
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.70	Fluoride	BMB	0.030	0.1499	0.1499	1.0000
7	5.35	Chloride	BMb*	14.247	66.8042	66.8042	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
9	8.53	Bromide	Mb*	0.133	1.6579	1.6579	1.0000
10	9.29	Sulfate	bM *	0.078	0.6928	0.6928	1.0000
11	9.61	Nitrate	M *	0.030	0.0857	0.0857	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
18	14.37	Phosphate	BMB	0.010	0.1799	0.1799	1.0000
Total:			**0.000**	**14.528**		**69.57**	

20 CCV1

Sample Name:	**CCV1**	*Injection Volume:*	**5.00**
Vial Number:	**R3**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/15/2021 14:20**	*Sample Weight:*	**1.0000**

Run Time:



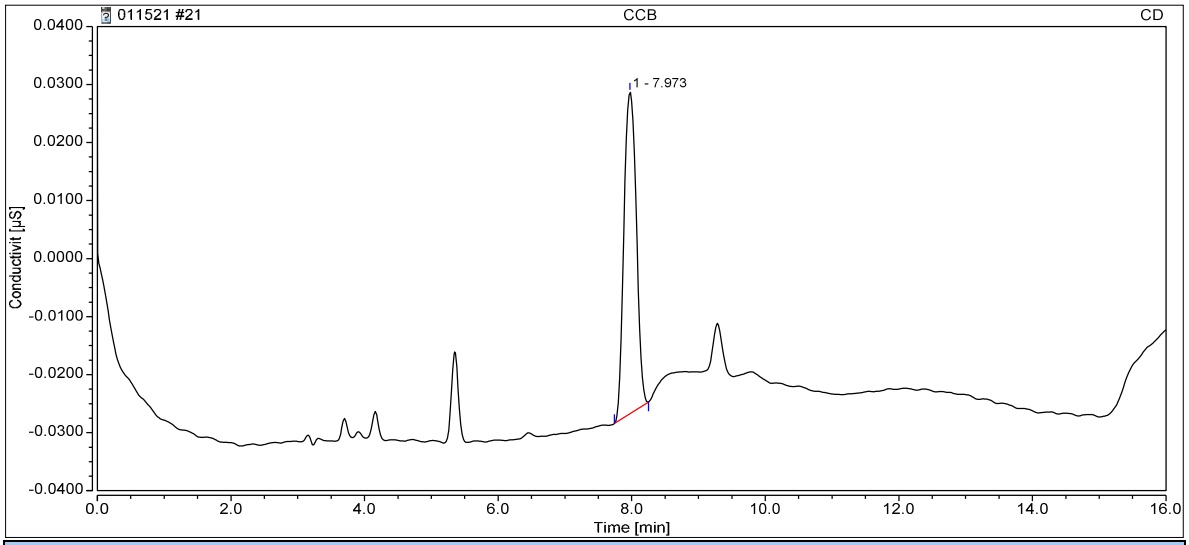
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	3.274	10.5470	10.5470	1.0000
2	5.35	Chloride	BMB	10.999	51.6201	51.6201	1.0000
3	6.46	Nitrite,N	BMB	4.352	10.0945	10.0945	1.0000
5	8.52	Bromide	BM	0.797	9.8022	9.8022	1.0000
6	9.14	Sulfate	M	7.993	51.4059	51.4059	1.0000
7	9.65	Nitrate	M	5.497	10.2611	10.2611	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
9	13.97	Phosphate	BMB	1.892	10.2799	10.2799	1.0000
Total:			**0.000**	**34.804**		**154.01**	

21 CCB

Sample Name:	**CCB**	*Injection Volume:*	**5.00**
Vial Number:	**B8**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/15/2021 14:58**	*Sample Weight:*	**1.0000**

Run Time:



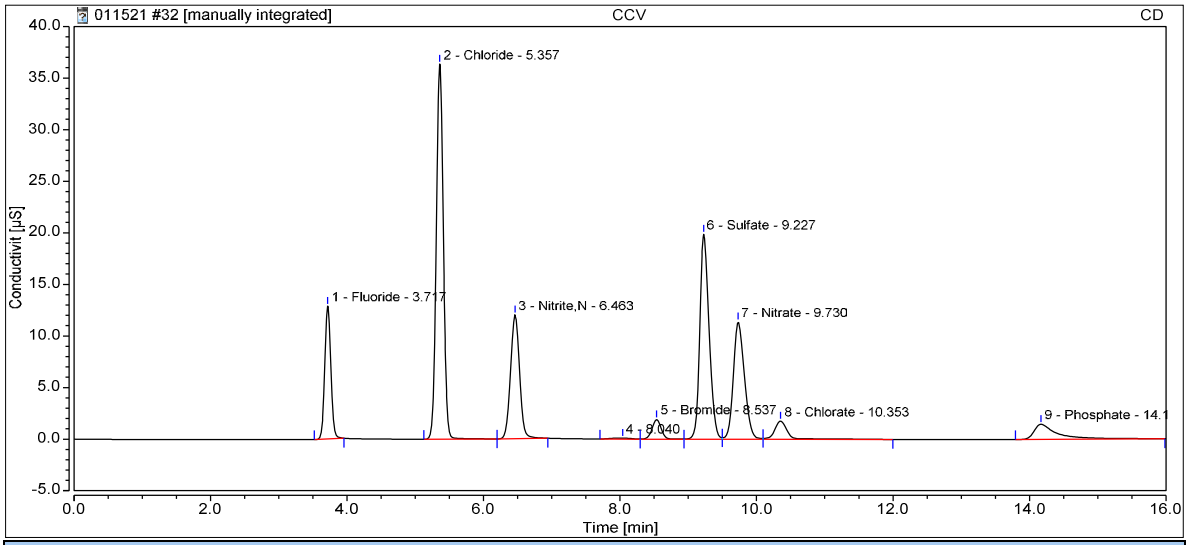
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.000**		**0.00**	

32 CCV

Sample Name:	**CCV**	*Injection Volume:*	**5.00**
Vial Number:	**R1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/15/2021 18:18**	*Sample Weight:*	**1.0000**

Run Time:



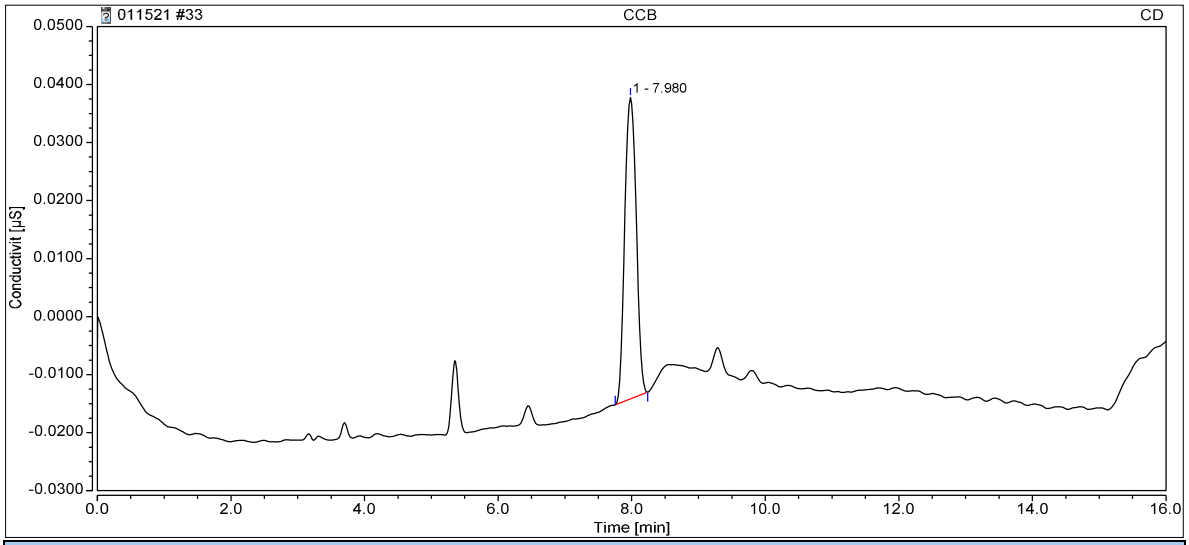
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB*	1.317	4.2754	4.2754	1.0000
2	5.36	Chloride	BMb*	4.324	20.4083	20.4083	1.0000
3	6.46	Nitrite,N	bMB*	1.863	4.3109	4.3109	1.0000
5	8.54	Bromide	M *	0.297	3.6623	3.6623	1.0000
6	9.23	Sulfate	M *	3.146	20.3534	20.3534	1.0000
7	9.73	Nitrate	M *	2.153	4.0366	4.0366	1.0000
8	10.35	Chlorate	MB*	0.395	4.1125	4.1125	1.0000
9	14.17	Phosphate	BMB	0.605	3.3744	3.3744	1.0000
Total:			**0.000**	**14.100**		**64.53**	

33 CCB

Sample Name:	**CCB**	*Injection Volume:*	**5.00**
Vial Number:	**B3**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/15/2021 19:12**	*Sample Weight:*	**1.0000**

Run Time:



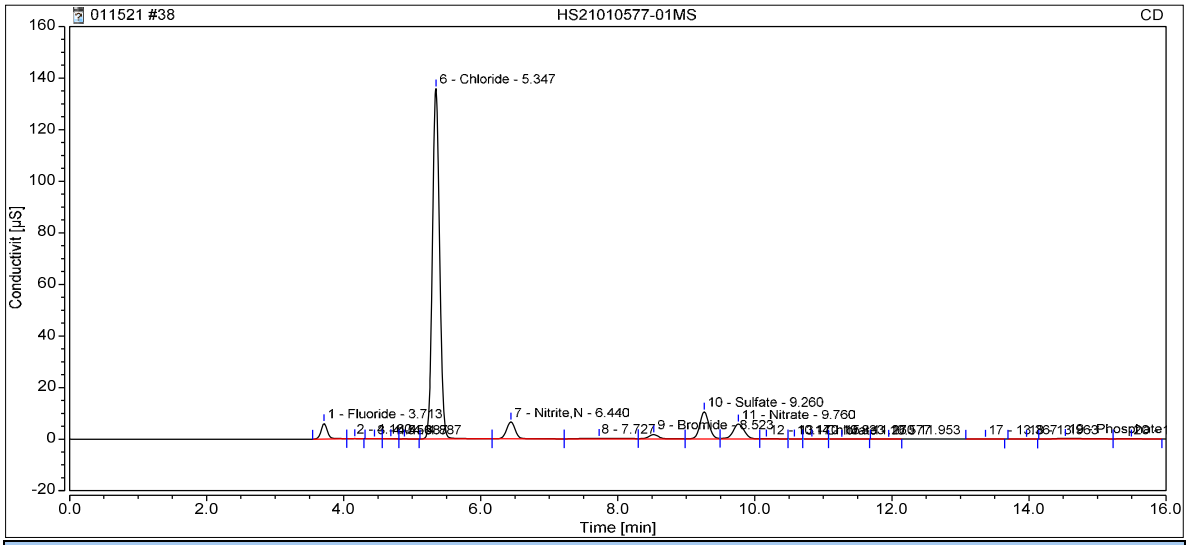
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.000**		**0.00**	

38 HS21010577-01MS

Sample Name:	**HS21010577-01MS**	*Injection Volume:*	**5.00**
Vial Number:	**RC1**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/15/2021 20:43**	*Sample Weight:*	**1.0000**

Run Time:



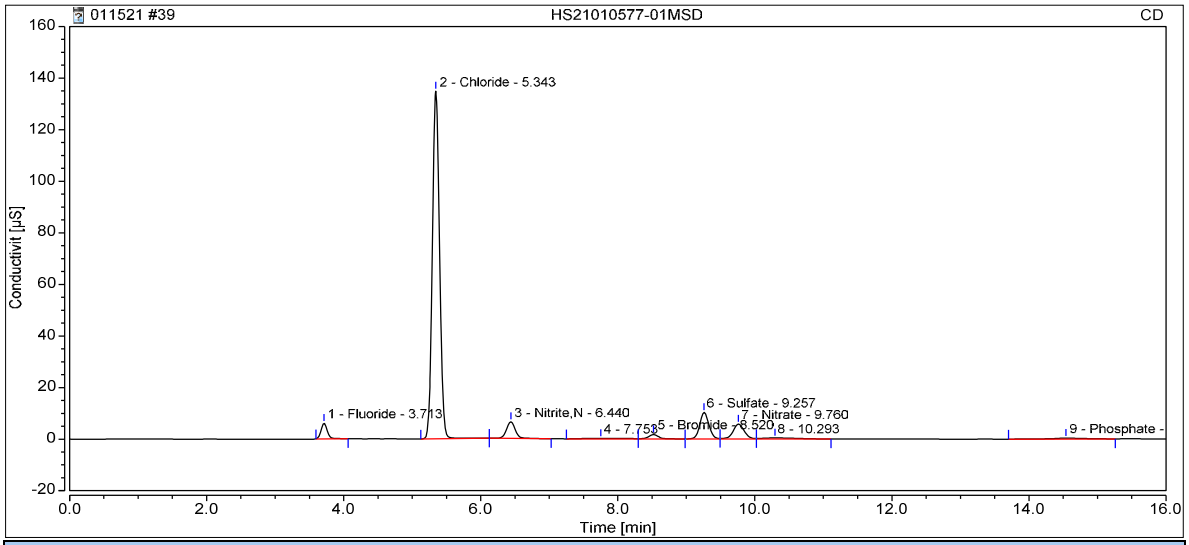
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMB	0.646	2.1239	2.1239	1.0000
6	5.35	Chloride	BMB	16.363	76.6975	76.6975	1.0000
7	6.44	Nitrite,N	BMB	0.960	2.2134	2.2134	1.0000
9	8.52	Bromide	M	0.302	3.7299	3.7299	1.0000
10	9.26	Sulfate	M	1.650	10.7626	10.7626	1.0000
11	9.76	Nitrate	M	1.100	2.0781	2.0781	1.0000
13	10.58	Chlorate	M	0.008	n.a.	n.a.	1.0000
19	14.53	Phosphate	BMB	0.120	0.7686	0.7686	1.0000
Total:			**0.000**	**21.148**		**98.37**	

39 HS21010577-01MSD

Sample Name:	**HS21010577-01MSD**	*Injection Volume:*	**5.00**
Vial Number:	**RC2**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/15/2021 21:01**	*Sample Weight:*	**1.0000**

Run Time:



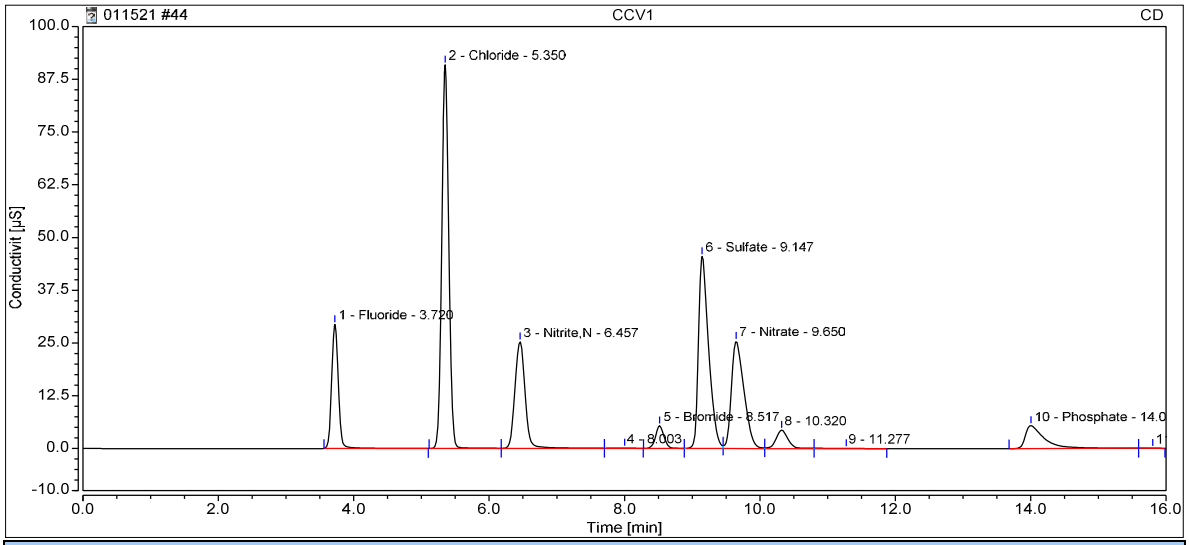
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.71	Fluoride	BMB	0.629	2.0707	2.0707	1.0000
2	5.34	Chloride	BMB	16.192	75.8956	75.8956	1.0000
3	6.44	Nitrite,N	BMB	0.947	2.1825	2.1825	1.0000
5	8.52	Bromide	M	0.290	3.5797	3.5797	1.0000
6	9.26	Sulfate	M	1.609	10.4998	10.4998	1.0000
7	9.76	Nitrate	M	1.084	2.0470	2.0470	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
9	14.54	Phosphate	BMB	0.180	1.0923	1.0923	1.0000
Total:			**0.000**	**20.930**		**97.37**	

44 CCV1

Sample Name:	**CCV1**	*Injection Volume:*	**5.00**
Vial Number:	**R3**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/15/2021 22:31**	*Sample Weight:*	**1.0000**

Run Time:



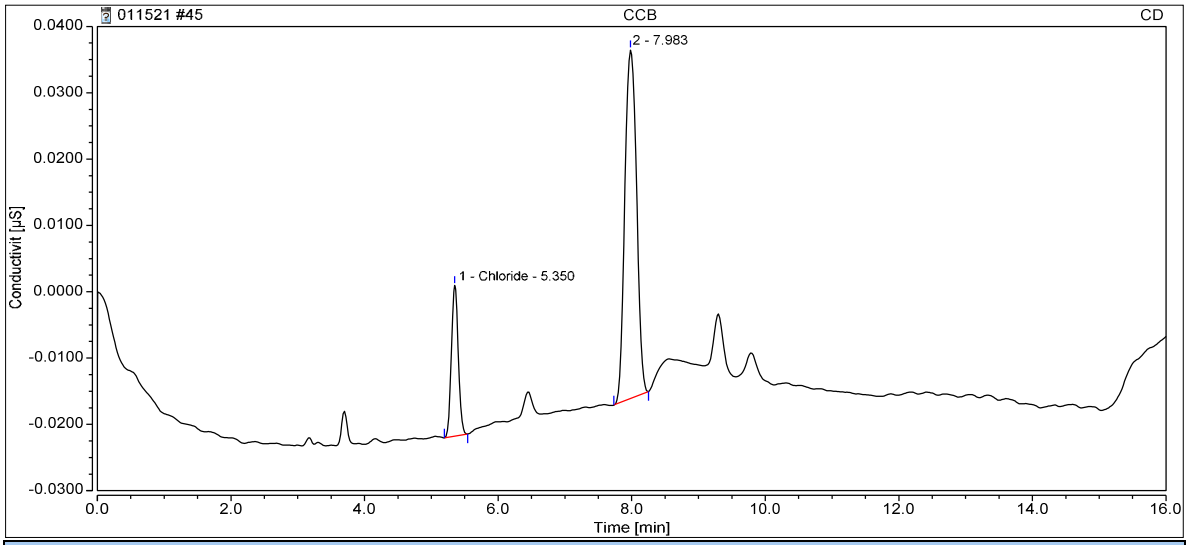
Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
1	3.72	Fluoride	BMB	3.326	10.7124	10.7124	1.0000
2	5.35	Chloride	BMB	10.952	51.3985	51.3985	1.0000
3	6.46	Nitrite,N	BMB	4.393	10.1899	10.1899	1.0000
5	8.52	Bromide	BM	0.784	9.6477	9.6477	1.0000
6	9.15	Sulfate	M	7.929	50.9982	50.9982	1.0000
7	9.65	Nitrate	M	5.467	10.2052	10.2052	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
10	14.00	Phosphate	BMB	1.776	9.6585	9.6585	1.0000
Total:			**0.000**	**34.627**		**152.81**	

45 CCB

Sample Name:	**CCB**	*Injection Volume:*	**5.00**
Vial Number:	**B5**	*Channel:*	**CD**
Sample Type:	**Unknown**	*Wavelength:*	**210**
Control Program:	**Anions Program 06022020.1**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Anions Processing Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**01/15/2021 23:08**	*Sample Weight:*	**1.0000**

Run Time:



Integration Results

No.	Retention min	Peak Name	Peak Type	Area µS*min	Amount ppm	Concentration ppm	Dilution
n.a.	n.a.	Fluoride	n.a.	n.a.	n.a.	n.a.	1.0000
1	5.35	Chloride	BMB	0.003	0.2059	0.2059	1.0000
n.a.	n.a.	Nitrite,N	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Bromide	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Chlorate	n.a.	n.a.	n.a.	n.a.	1.0000
n.a.	n.a.	Phosphate	n.a.	n.a.	n.a.	n.a.	1.0000
Total:			**0.000**	**0.003**		**0.21**	

HS21010577 Wet Chem Raw Data (ALK_W 2320B)

ALS WO# HS21010577

Report Date: 1/18/2021 : 5:32 PM

PC-TitratION PLUS
Calibration Report

Calibration Record # 2322

Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	1/18/2021
Channel	1	Time	5:32 PM
Probe Type	pH	Temperature	296.27 K 23.12 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit

Calibration Results

Slope	-58.267	CorrCoeff	0.9999
Intercept	5.000	Equation: Y = (-58.267) X + (5.000)	

Calibration Validity True Operator

	Result	Minimum	Maximum
Slope	-58.267	-65.00	-53.00
Intercept	5.000	-100.00	100.00
Correlation Coefficient	0.9999	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	Standard	Reading
	4.00	181.51
	7.00	1.58
	10.00	-168.09

376518 (A)

376519 (B)

376520 (SOLC)

Page: 1 of 1
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Report Date: 1/19/2021 : 1:45 AM

PC-TitratION PLUS
Water Analysis Report

Run Number 3996 **Order Number** 20210118-2

SampleID	RunDate	RunTime	Temp	cond (uS)	pH	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	mLs @ 8.3	mLs @ 4.5	mLs @ 4.2
ICV-PH	1/18/2021	6:02 PM	23.06	-1.00	6.02	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
TAP WATER	1/18/2021	6:09 PM	22.98	-1.00	7.75	.00	355.66	355.66	.00	.00	.00	3.39	3.39
WBLKW1-210118	1/18/2021	6:13 PM	23.15	-1.00	5.27	.00	.40	.40	.00	.00	.00	.02	.02
LCS1-210118	1/18/2021	6:22 PM	23.31	-1.00	10.88	505.91	989.39	.00	966.95	22.44	4.82	9.42	9.42
LCSD1-210118	1/18/2021	6:31 PM	23.44	-1.00	10.87	507.17	995.45	.00	976.56	18.89	4.83	9.48	9.48
HS21010577-01	1/18/2021	6:38 PM	23.47	-1.00	7.60	.00	499.76	499.76	.00	.00	.00	4.76	4.76
HS21010577-01DUP	1/18/2021	6:45 PM	22.75	-1.00	7.63	.00	496.29	496.29	.00	.00	.00	4.73	4.73
HS21010517-04	1/18/2021	6:52 PM	23.03	-1.00	8.00	.00	233.82	233.82	.00	.00	.00	2.23	2.23
HS21010517-05	1/18/2021	6:59 PM	23.15	-1.00	8.00	.00	353.10	353.10	.00	.00	.00	3.36	3.36
HS21010517-06	1/18/2021	7:06 PM	23.23	-1.00	7.98	.00	432.94	432.94	.00	.00	.00	4.12	4.12
HS21010517-07	1/18/2021	7:13 PM	23.31	-1.00	7.78	.00	573.85	573.85	.00	.00	.00	5.47	5.47
CCV-PH	1/18/2021	7:16 PM	23.49	-1.00	7.07	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/18/2021	7:25 PM	23.38	-1.00	10.84	502.92	993.05	.00	980.27	12.78	4.79	9.46	9.46
DI RINSE	1/18/2021	7:30 PM	22.95	-1.00	5.48	.00	.19	.19	.00	.00	.00	.02	.02
HS21010517-08	1/18/2021	7:35 PM	22.64	-1.00	5.30	.00	.12	.12	.00	.00	.00	.02	.02
HS21010517-09	1/18/2021	7:41 PM	22.83	-1.00	7.75	.00	445.07	445.07	.00	.00	.00	4.24	4.24
HS21010517-10	1/18/2021	7:49 PM	23.04	-1.00	7.79	.00	590.25	590.25	.00	.00	.00	5.62	5.62
HS21010517-11	1/18/2021	7:55 PM	23.19	-1.00	7.86	.00	382.58	382.58	.00	.00	.00	3.64	3.64
HS21010517-12	1/18/2021	8:02 PM	23.27	-1.00	8.03	.00	268.74	268.74	.00	.00	.00	2.56	2.56
HS21010517-13	1/18/2021	8:08 PM	23.25	-1.00	8.29	.00	81.84	81.84	.00	.00	.00	.78	.78
HS21010517-14	1/18/2021	8:15 PM	23.41	-1.00	7.97	.00	433.14	433.14	.00	.00	.00	4.13	4.13
HS21010517-15	1/18/2021	8:22 PM	22.64	-1.00	7.74	.00	648.58	648.58	.00	.00	.00	6.18	6.18
HS21010517-16	1/18/2021	8:30 PM	22.77	-1.00	8.80	5.73	87.04	75.58	11.46	.00	.05	.83	.83
CCV-PH	1/18/2021	8:33 PM	22.95	-1.00	7.08	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/18/2021	8:42 PM	22.92	-1.00	10.82	498.91	993.80	.00	989.77	4.03	4.75	9.46	9.46
DI RINSE	1/18/2021	8:47 PM	23.04	-1.00	5.58	.00	.45	.45	.00	.00	.00	.02	.02
HS21010497-59	1/18/2021	8:54 PM	23.12	-1.00	7.38	.00	4.68	4.68	.00	.00	.00	.06	.06

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Run Number 3996 **Order Number** 20210118-2

SampleID	RunDate	RunTime	Temp	cond (uS)	pH	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	mLs @ 8.3	mLs @ 4.5	mLs @ 4.2
HS21010497-60	1/18/2021	9:01 PM	23.17	-1.00	9.01	97	9.92	7.97	1.95	.00	.01	.11	11
HS21010517-17	1/18/2021	9:09 PM	23.38	-1.00	8.23	.00	103.19	103.19	.00	.00	.00	.98	.98
HS21010612-01	1/18/2021	9:16 PM	22.75	-1.00	7.08	.00	281.23	281.23	.00	.00	.00	2.68	2.68
HS21010612-02	1/18/2021	9:22 PM	22.63	-1.00	7.22	.00	222.79	222.79	.00	.00	.00	2.12	2.12
HS21010612-03	1/18/2021	9:28 PM	22.78	-1.00	7.23	.00	301.42	301.42	.00	.00	.00	2.87	2.87
LCS2-210118	1/18/2021	9:38 PM	22.89	-1.00	11.06	500.93	996.61	.00	991.37	5.24	4.77	9.49	9.49
LCSD2-210118	1/18/2021	9:48 PM	23.06	-1.00	10.95	497.48	995.80	.84	994.96	.00	4.74	9.48	9.48
CCV-PH	1/18/2021	9:51 PM	23.17	-1.00	7.11	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/18/2021	9:59 PM	23.04	-1.00	10.86	497.52	998.89	3.86	995.04	.00	4.74	9.51	9.51
DI RINSE	1/18/2021	10:04 PM	23.27	-1.00	5.78	.00	.23	.23	.00	.00	.00	.02	.02
WBLKW2-210118	1/18/2021	10:10 PM	22.67	-1.00	5.56	.00	.45	.45	.00	.00	.00	.02	.02
HS21010574-07	1/18/2021	10:16 PM	22.49	-1.00	8.11	.00	327.57	327.57	.00	.00	.00	3.12	3.12
HS21010574-07DUP	1/18/2021	10:23 PM	22.70	-1.00	8.13	.00	326.99	326.99	.00	.00	.00	3.11	3.11
HS21010574-02	1/18/2021	10:30 PM	22.84	-1.00	8.13	.00	310.96	310.96	.00	.00	.00	2.96	2.96
HS21010574-03	1/18/2021	10:37 PM	22.95	-1.00	8.13	.00	363.23	363.23	.00	.00	.00	3.46	3.46
HS21010574-04	1/18/2021	10:44 PM	23.03	-1.00	8.03	.00	313.09	313.09	.00	.00	.00	2.98	2.98
HS21010574-05	1/18/2021	10:51 PM	23.07	-1.00	8.14	.00	295.32	295.32	.00	.00	.00	2.81	2.81
HS21010574-06	1/18/2021	10:58 PM	23.14	-1.00	8.03	.00	478.57	478.57	.00	.00	.00	4.56	4.56
HS21010574-08	1/18/2021	11:05 PM	23.33	-1.00	8.07	.00	361.99	361.99	.00	.00	.00	3.45	3.45
CCV-PH	1/18/2021	11:08 PM	22.61	-1.00	7.09	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/18/2021	11:16 PM	22.48	-1.00	10.79	493.42	994.02	7.17	986.85	.00	4.70	9.47	9.47
DI RINSE	1/18/2021	11:21 PM	22.83	-1.00	5.68	.00	.51	.51	.00	.00	.00	.02	.02
HS21010579-01	1/18/2021	11:29 PM	22.84	-1.00	7.94	.00	598.03	598.03	.00	.00	.00	5.70	5.70
HS21010579-02	1/18/2021	11:36 PM	22.99	-1.00	7.93	.00	341.73	341.73	.00	.00	.00	3.25	3.25
HS21010579-03	1/18/2021	11:43 PM	23.04	-1.00	7.93	.00	248.48	248.48	.00	.00	.00	2.37	2.37
HS21010579-04	1/18/2021	11:50 PM	23.14	-1.00	8.06	.00	437.91	437.91	.00	.00	.00	4.17	4.17
HS21010579-05	1/18/2021	11:56 PM	23.20	-1.00	8.12	.00	330.11	330.11	.00	.00	.00	3.14	3.14
HS21010579-10	1/19/2021	12:03 AM	23.19	-1.00	7.88	.00	493.70	493.70	.00	.00	.00	4.70	4.70
HS21010579-11	1/19/2021	12:11 AM	22.43	-1.00	7.88	.00	454.30	454.30	.00	.00	.00	4.33	4.33
HS21010579-12	1/19/2021	12:18 AM	22.78	-1.00	7.83	.00	448.46	448.46	.00	.00	.00	4.27	4.27

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Run Number 3996 **Order Number** 20210118-2

SampleID	RunDate	RunTime	Temp	cond (uS)	pH	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	mLs @ 8.3	mLs @ 4.5	mLs @ 4.2
CCV-PH	1/19/2021	12:21 AM	22.92	-1.00	7.08	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/19/2021	12:29 AM	22.87	-1.00	10.75	490.64	996.91	15.64	981.27	.00	4.67	9.49	9.49
DI RINSE	1/19/2021	12:35 AM	23.06	-1.00	5.57	.00	.40	.40	.00	.00	.00	.02	.02
HS21010579-13	1/19/2021	12:41 AM	23.04	-1.00	8.13	.00	182.51	182.51	.00	.00	.00	1.74	1.74
HS21010579-14	1/19/2021	12:46 AM	23.11	-1.00	5.55	.00	.13	.13	.00	.00	.00	.02	.02
MBLK-161635	1/19/2021	12:51 AM	23.27	-1.00	5.62	.00	.33	.33	.00	.00	.00	.02	.02
LCS-161635	1/19/2021	1:00 AM	23.23	-1.00	10.77	489.00	998.22	20.21	978.01	.00	4.66	9.51	9.51
LCSD-161635	1/19/2021	1:09 AM	22.75	-1.00	10.77	489.80	997.23	17.62	979.61	.00	4.66	9.50	9.50
HS21010455-01	1/19/2021	1:18 AM	22.72	-1.00	8.95	5.54	36.09	25.01	11.08	.00	.05	.34	.34
HS21010455-01DUP	1/19/2021	1:26 AM	22.89	-1.00	8.96	5.39	35.14	24.35	10.78	.00	.05	.33	.33
CCV-PH	1/19/2021	1:30 AM	23.03	-1.00	7.08	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
CCV-ALK	1/19/2021	1:38 AM	22.96	-1.00	10.73	487.23	994.20	19.74	974.46	.00	4.64	9.47	9.47
DI RINSE	1/19/2021	1:43 AM	23.19	-1.00	5.63	.00	.50	.50	.00	.00	.00	.02	.02

PC-TitratION PLUS by Man-Tech Associates, Inc.

GENERAL RESULTS REPORT.SRW

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Batch ID Exception Report

Batch ID: R376518
QC Group: 0

Sample ID	Seq No	Sample Type	Test Code	Analyzed Date	Dilution Factor
	Analyte Type	Analyte		Qualifier	
HS21010497-59	5922559	SAMP	ALK_W 2320B	18 Jan 2021 8:54 PM	1
	A	Alkalinity, Bicarbonate (As CaCO3)		S	
	A	Alkalinity, Carbonate (As CaCO3)		S	
	A	Alkalinity, Hydroxide (As CaCO3)		S	
	A	Alkalinity, Total (As CaCO3)		S	
HS21010497-60	5922560	SAMP	ALK_W 2320B	18 Jan 2021 9:01 PM	1
	A	Alkalinity, Carbonate (As CaCO3)		S	
	A	Alkalinity, Hydroxide (As CaCO3)		S	

19 Jan 2021

Page 1 of 1

Batch ID Exception Report

Batch ID: R376519
QC Group: 0

Sample ID	Seq No	Sample Type	Test Code	Analyzed Date	Dilution Factor
	Analyte Type	Analyte		Qualifier	
SAMP	0	SAMP		19 Jan 2021 7:38 AM	1

X No exceptions found

19 Jan 2021

Page 1 of 1

Batch ID Exception Report

Batch ID: R376520
QC Group: 0

Sample ID	Seq No	Sample Type	Test Code	Analyzed Date	Dilution Factor
	Analyte Type	Analyte		Qualifier	
SAMP	0	SAMP		19 Jan 2021 7:44 AM	1

X No exceptions found

19 Jan 2021

Page 1 of 1

HS21010577 Wet Chem Raw Data (P-ORTHO)

ALS WO# HS21010577

Standard Table Report

02/20/2021 02:00:51 PM

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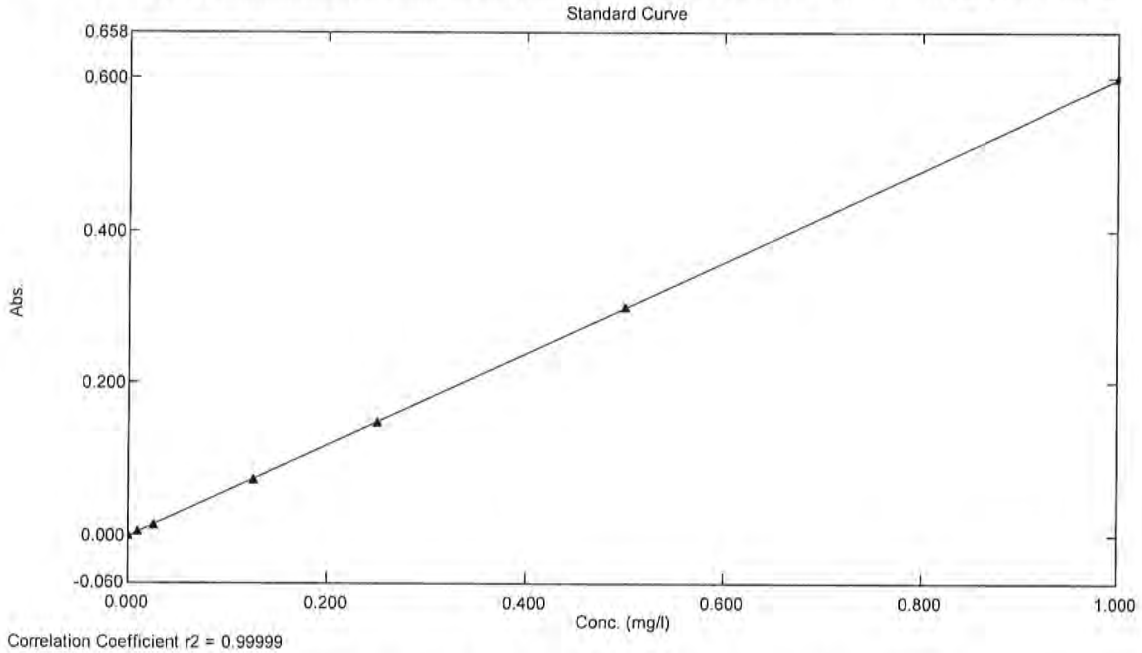


Correlation Coefficient r2 = 0.99999

Standard Table

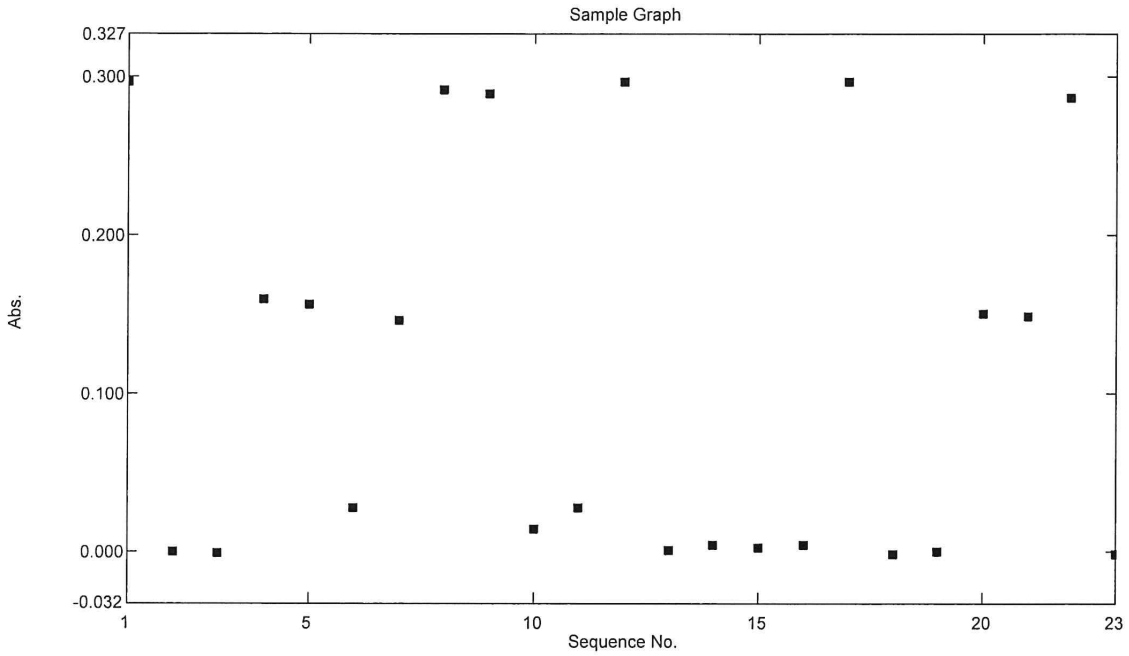
	Sample ID	Type	Ex	Conc	WL880.0	Wgt.Facto	Comments
1	STD1	Standard		0.000	0.000	1.000	
2	STD2	Standard		0.010	0.007	1.000	
3	STD3	Standard		0.025	0.015	1.000	
4	STD4	Standard		0.125	0.074	1.000	
5	STD5	Standard		0.250	0.148	1.000	
6	STD6	Standard		0.500	0.300	1.000	
7	STD7	Standard		1.000	0.599	1.000	
8							

Page 1 / 1

Sample Table Report

02/20/2021 02:00:54 PM

File Name: C:\Program Files (x86)\Shimadzu\UVProbe\Data\O_PO4_UNKNOWN\2021\01152021_P_ORTHO_W.



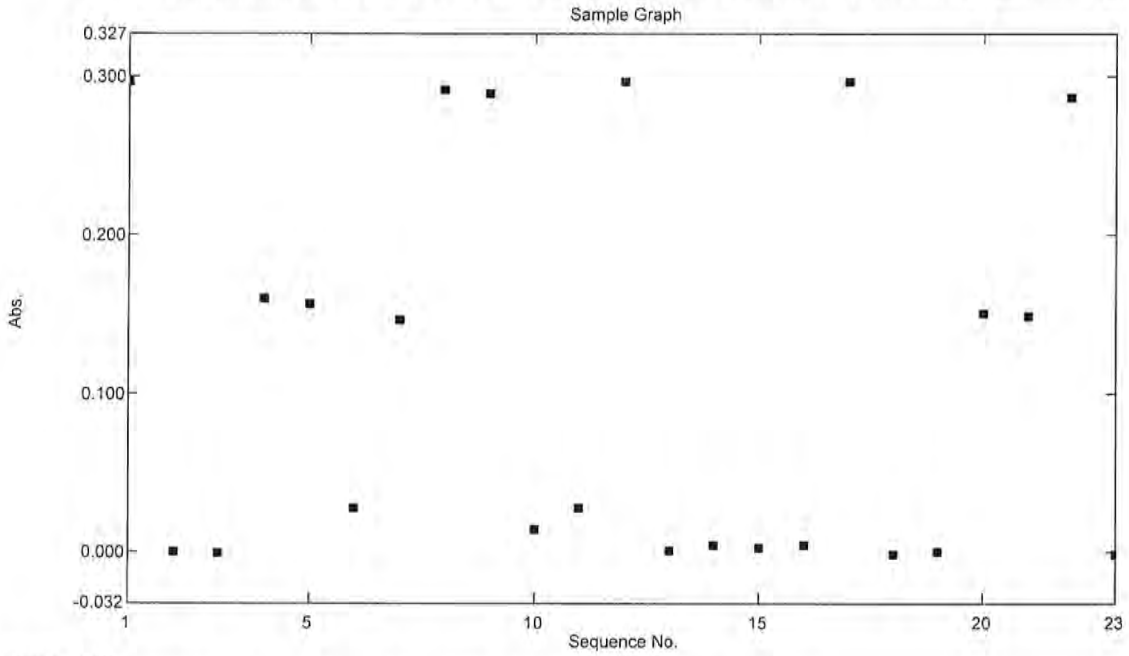
Sample Table

	Sample ID	Type	Ex	Conc	WL880.0	Comments
1	CCV	Unknown		0.497	0.297	315012409 WC-14
2	CCB	Unknown		0.001	0.000	
3	MBLK	Unknown		-0.001	-0.001	
4	LCS	Unknown		0.267	0.160	315012408 WC-14
5	LCSD	Unknown		0.262	0.156	
6	LOQ	Unknown		0.047	0.028	
7	HS21010517.01	Unknown		0.244	0.146	PF:10X,11:09AM
8	HS21010517.01MS	Unknown		0.488	0.292	PF:10X,11:10AM
9	HS21010517.01MS D	Unknown		0.483	0.289	PF:10X,11:10AM
10	HS21010497.27	Unknown		0.025	0.015	
11	HS21010497.28	Unknown		0.047	0.028	
12	CCV2	Unknown		0.496	0.297	C-315015008 UV-11
13	CCB2	Unknown		0.001	0.001	
14	HS2010568.01	Unknown		0.007	0.004	11:17AM
15	HS21010568.02	Unknown		0.005	0.003	11:17AM
16	HS21010568.03	Unknown		0.008	0.004	11:18AM
17	CCV3	Unknown		0.496	0.297	
18	CCB3	Unknown		-0.003	-0.002	
19	HS21010577.01	Unknown		0.000	-0.000	05:02PM

Sample Table Report

02/20/2021 02:00:54 PM

File Name: C:\Program Files (x86)\Shimadzu\UVProbe\Data\O_PO4_UNKNOWN\2021\01152021_P_ORTHO_W.



Sample Table

	Sample ID	Type	Ex	Conc	WL880.0	Comments
20	HS21010577.01MS	Unknown		0.252	0.151	
21	HS21010577.01MS	Unknown		0.250	0.149	
22	CCV4	Unknown		0.479	0.286	
23	CCB4	Unknown		-0.003	-0.002	
24						

HS21010577 ALS Cincinnati DOD Level III Data

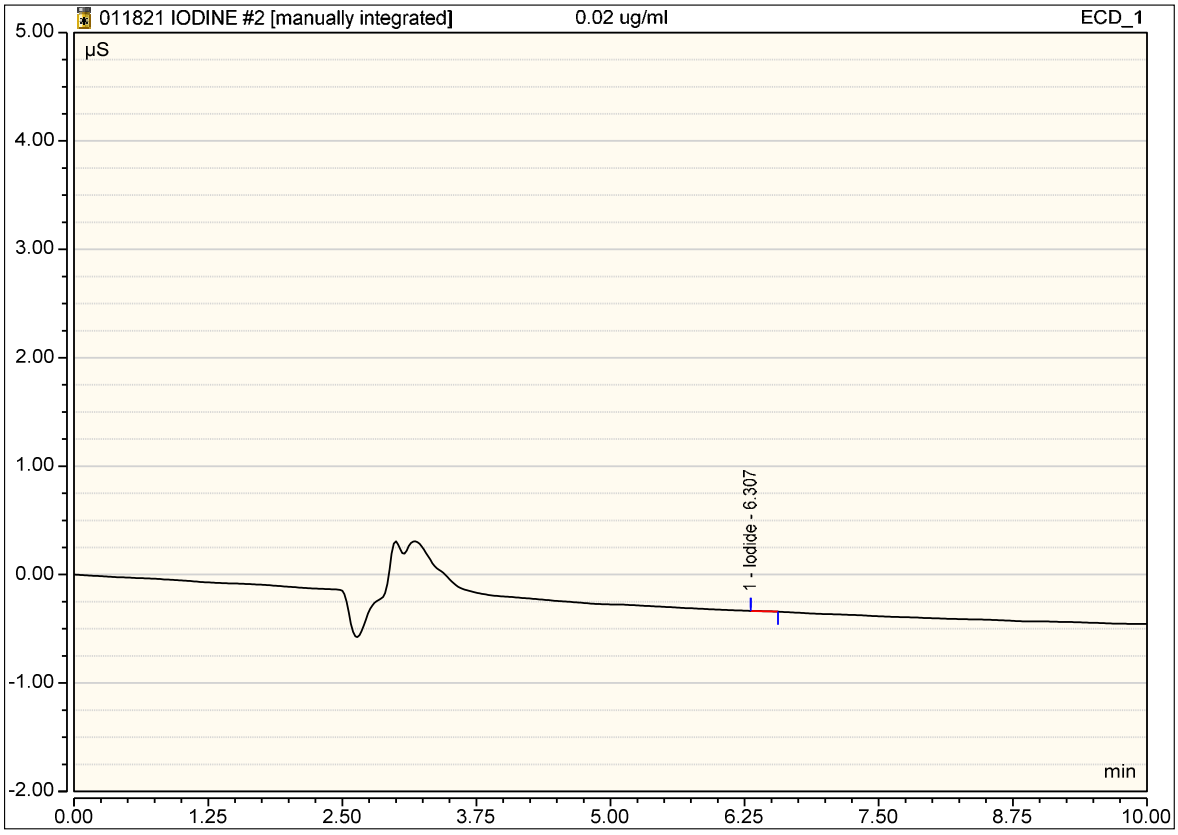
ALS WO# HS21010577

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**0.02 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 15:37**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.31	Iodide	BMB*	0.000	0.000	0.0261
		TOTAL:		0.00	0.00	0.03



Anion/Integration

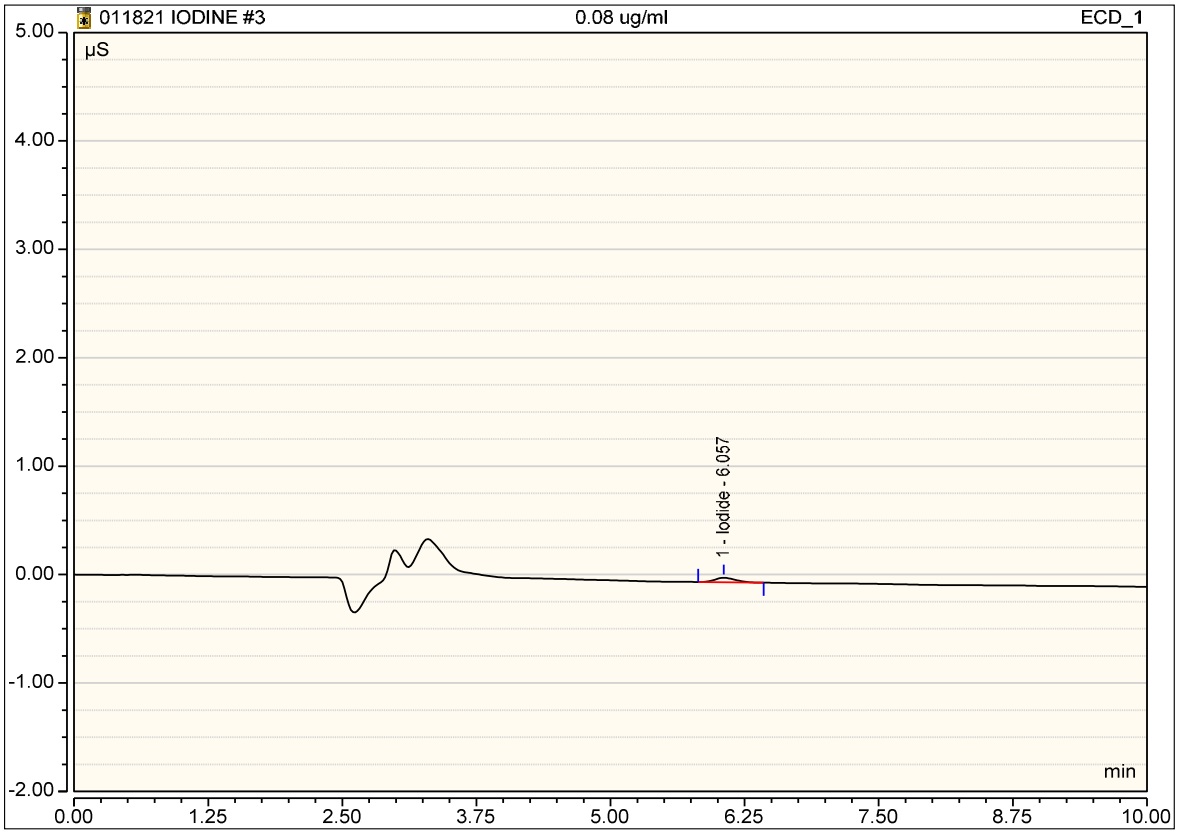
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**0.08 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 15:49**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.06	Iodide	BMB	0.009	0.041	0.0925
		TOTAL:		0.01	0.04	0.09



Anion/Integration

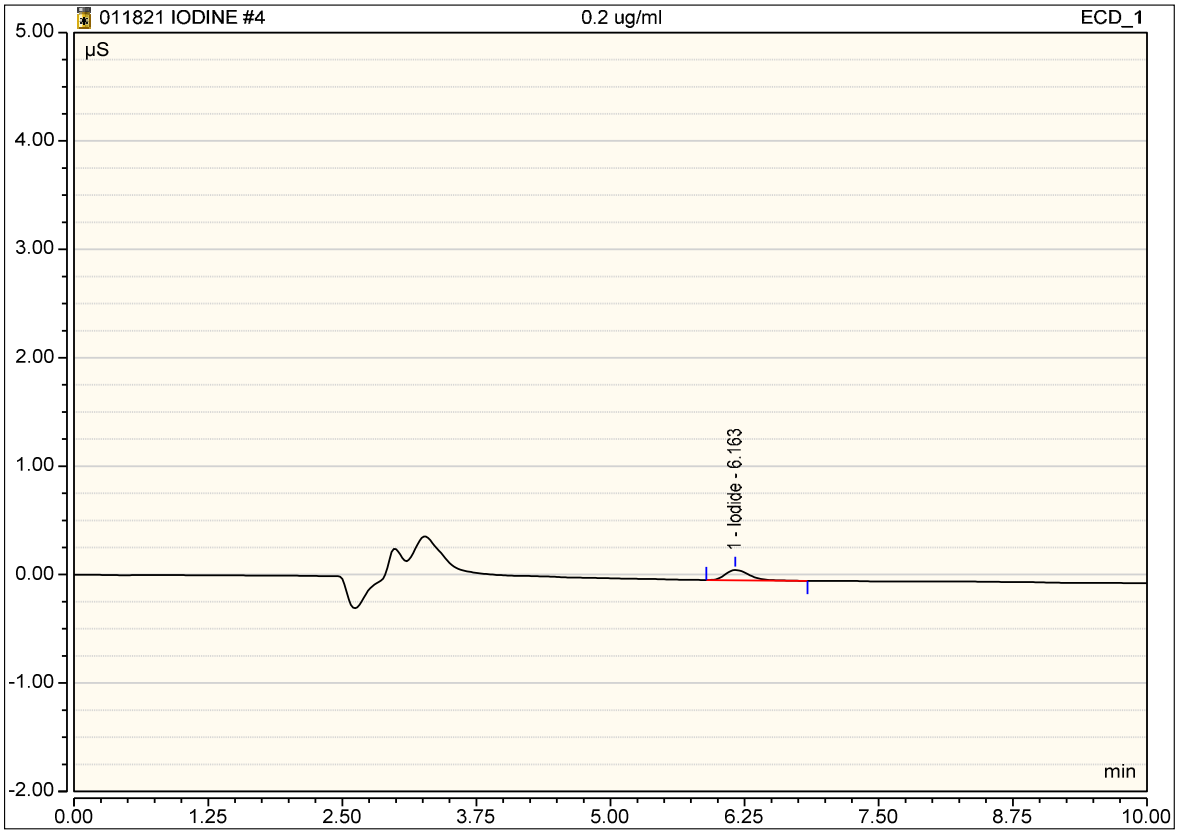
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**0.2 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:02**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.16	Iodide	BMB	0.025	0.095	0.2078
		TOTAL:		0.02	0.09	0.21



Anion/Integration

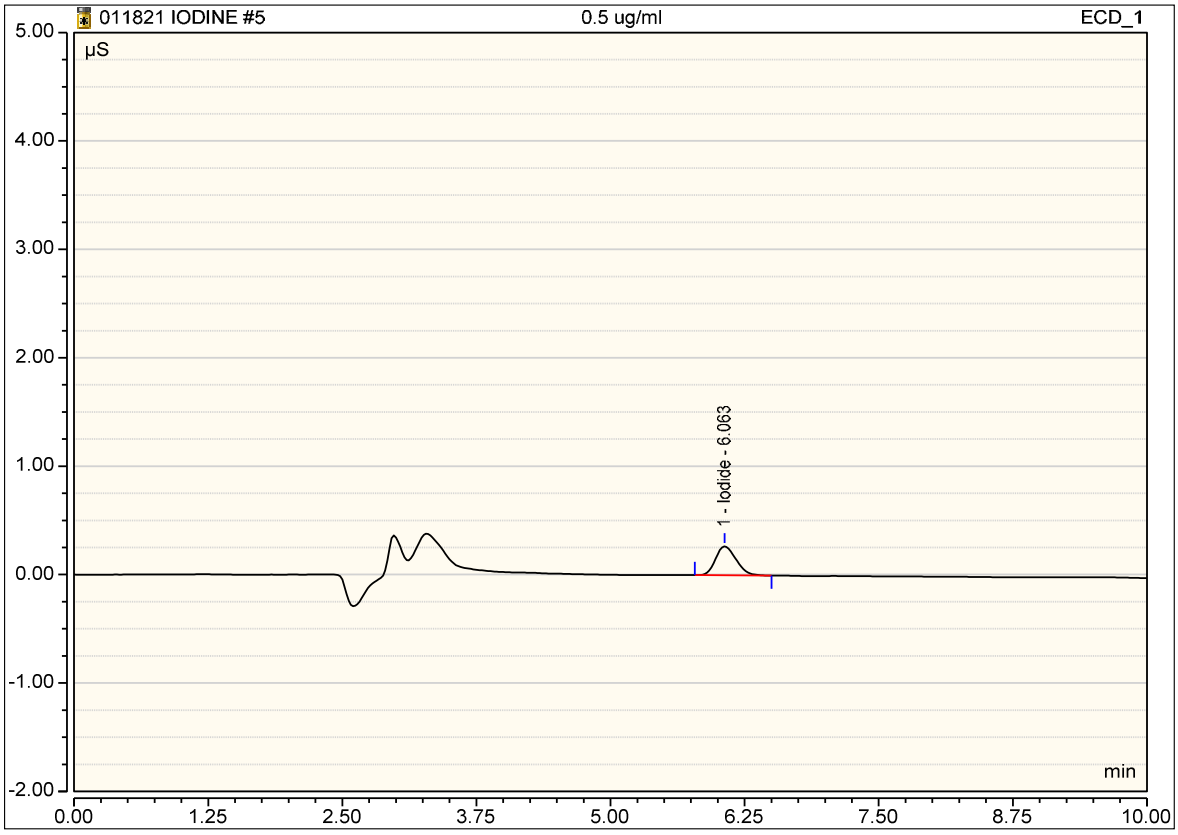
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**0.5 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:14**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.06	Iodide	BMB	0.059	0.268	0.4629
		TOTAL:		0.06	0.27	0.46



Anion/Integration

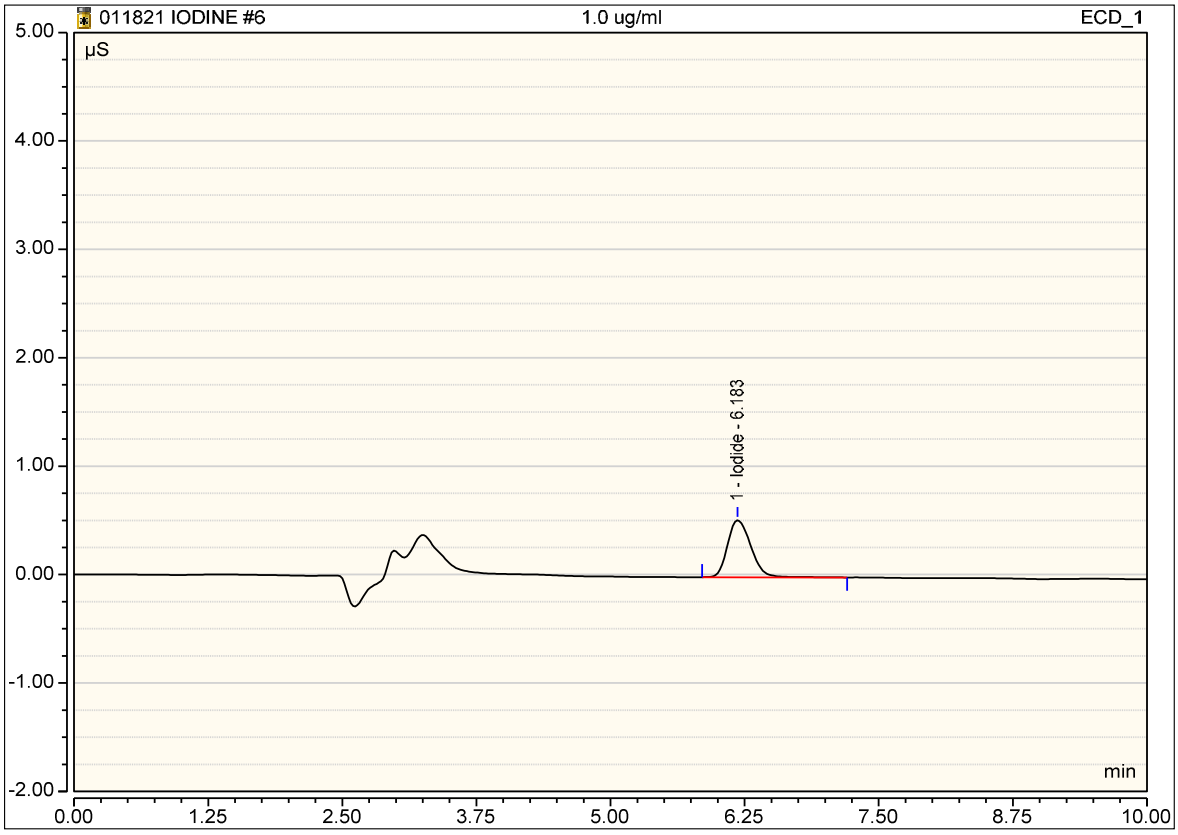
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**1.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:26**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.18	Iodide	BMB	0.132	0.525	1.0054
		TOTAL:		0.13	0.53	1.01



Anion/Integration

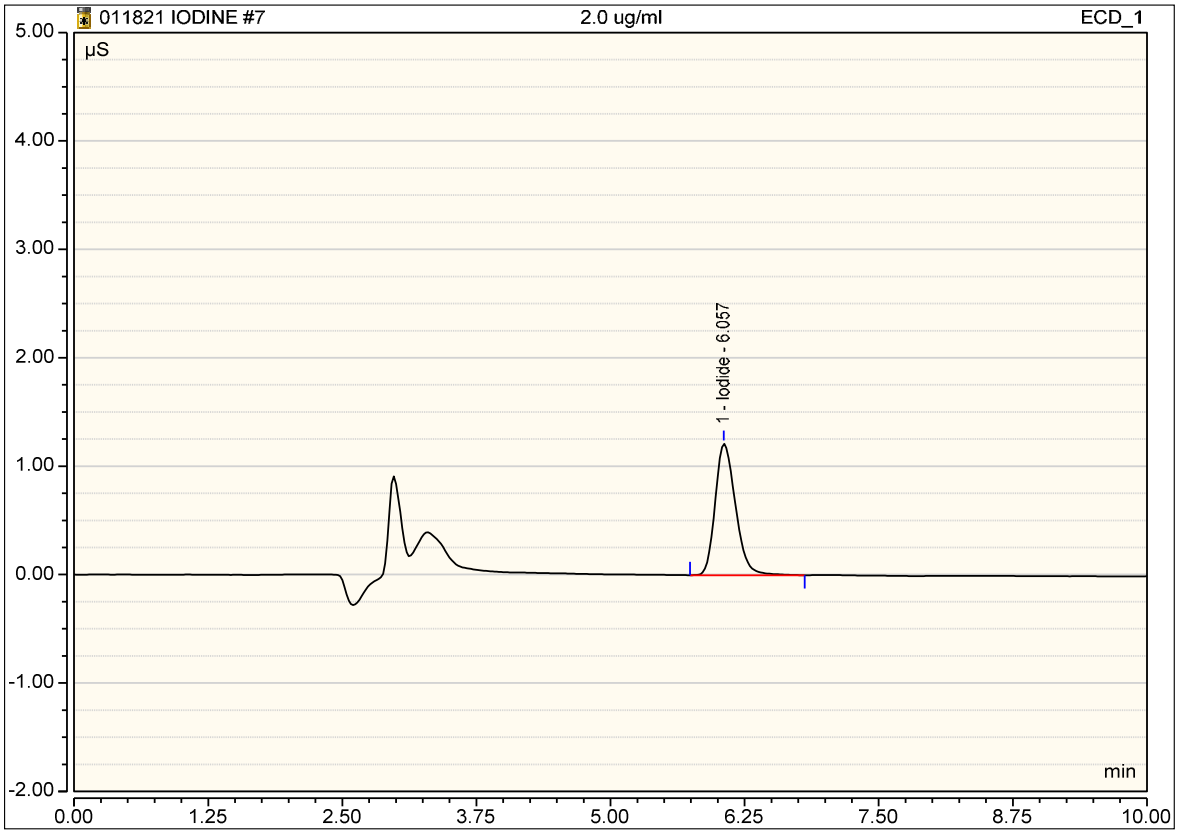
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**2.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:39**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.06	Iodide	BMB	0.267	1.212	2.0052
		TOTAL:		0.27	1.21	2.01



Anion/Integration

Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

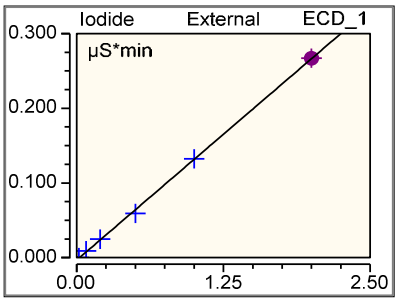
Calibration Batch Report

Sequence:	**011821 IODINE**	*Injection Volume:*	**100.00**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:39**	*Run Time:*	**10**

Calibration Summary

Peak Name	Eval.Type	Cal.Type	Points	Offset (C0)	Slope (C1)	Curve (C2)	Coeff.Det. %
Iodide	Area	in, WithOffse	6.000	-0.003	0.135	0.000	99.9417
		AVERAGE:		-0.0033	0.1349	0.0000	99.9417

Injection Name	Ret.Time min ECD_1	Area µS*min ECD_1	Height µS ECD_1	Amount ECD_1
	Iodide	Iodide	Iodide	Iodide
0.02 ug/ml	6.307	0.0002	0.000	0.026
0.08 ug/ml	6.057	0.0091	0.041	0.093
0.2 ug/ml	6.163	0.0247	0.095	0.208
0.5 ug/ml	6.063	0.0591	0.268	0.463
1.0 ug/ml	6.183	0.1323	0.525	1.005
2.0 ug/ml	6.057	0.2671	1.212	2.005
Average	6.138			
Rel. Std. Dev.	1.628 %			



Anion/Calibration

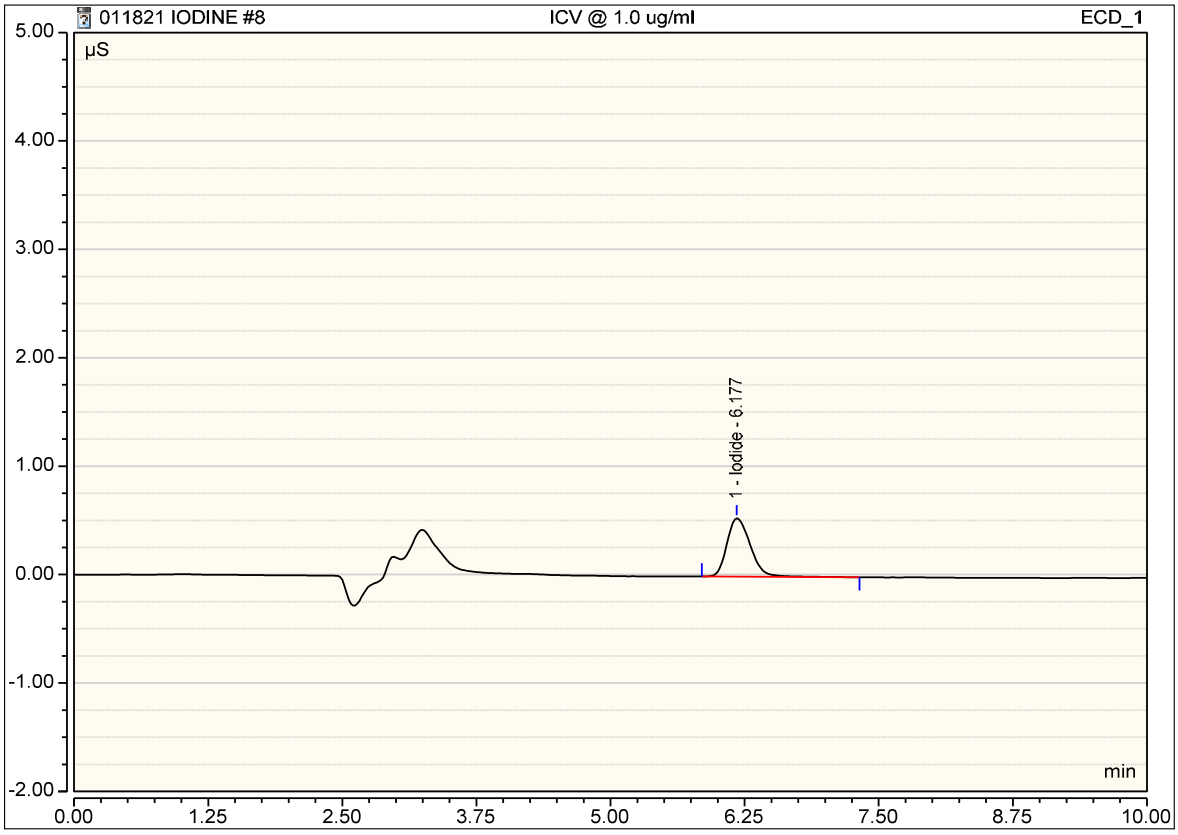
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**ICV @ 1.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 16:51**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.18	Iodide	BMB	0.136	0.537	1.0327
		TOTAL:		0.14	0.54	1.03



Anion/Integration

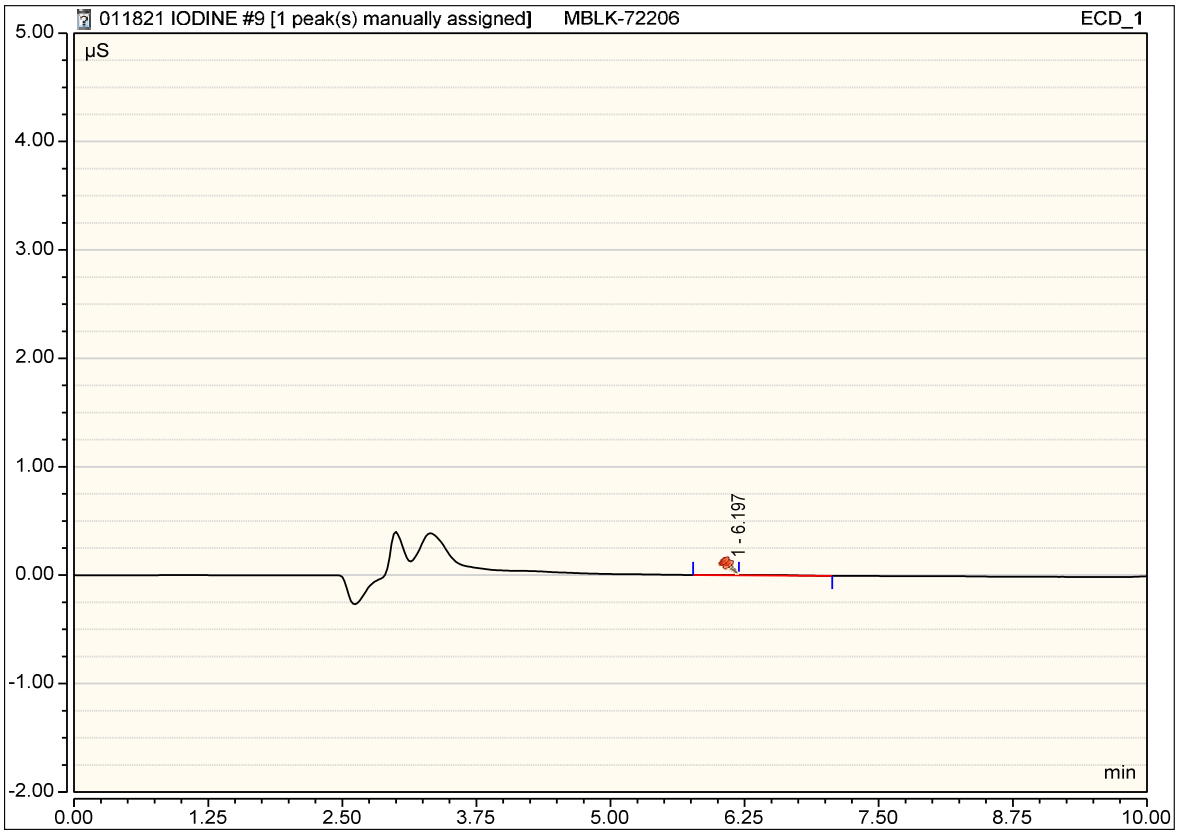
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**MBLK-72206**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 17:03**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
		TOTAL:		0.00	0.00	0.00



Anion/Integration

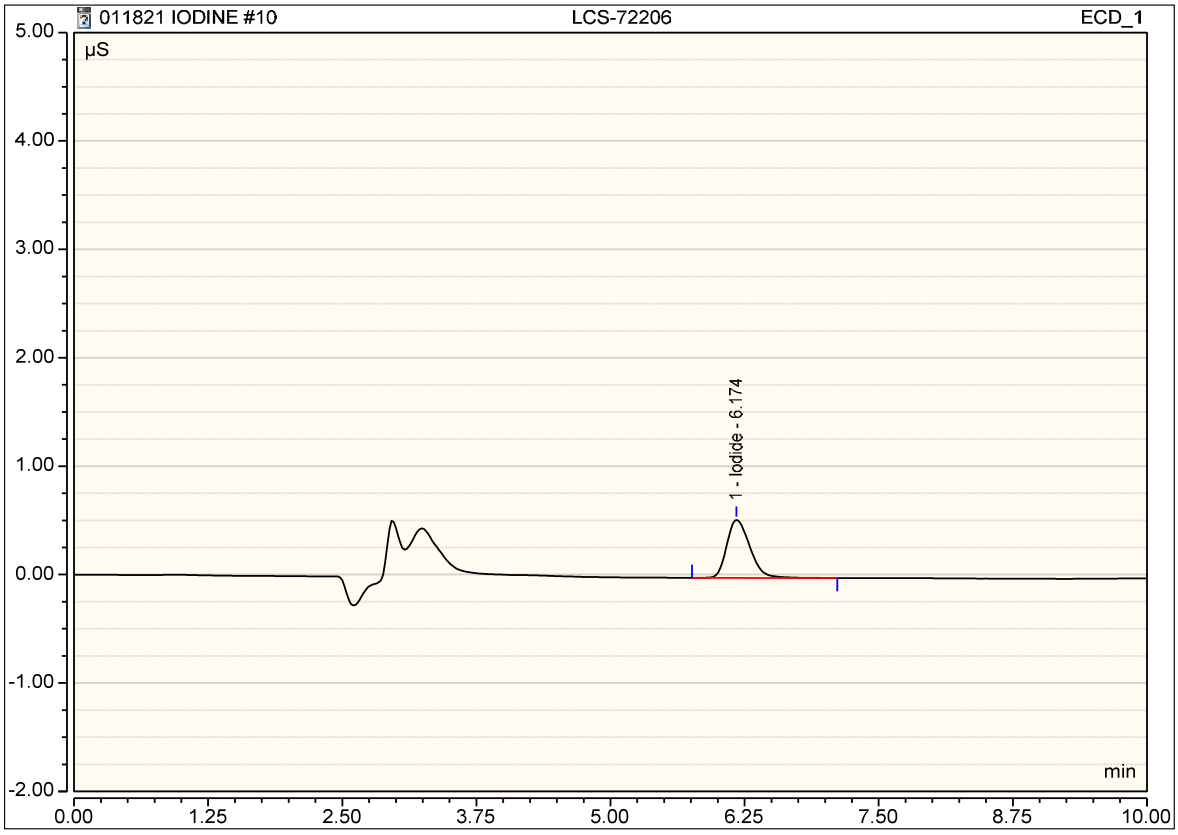
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**LCS-72206**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 17:16**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.17	Iodide	BMB	0.133	0.536	1.0106
		TOTAL:		0.13	0.54	1.01



Anion/Integration

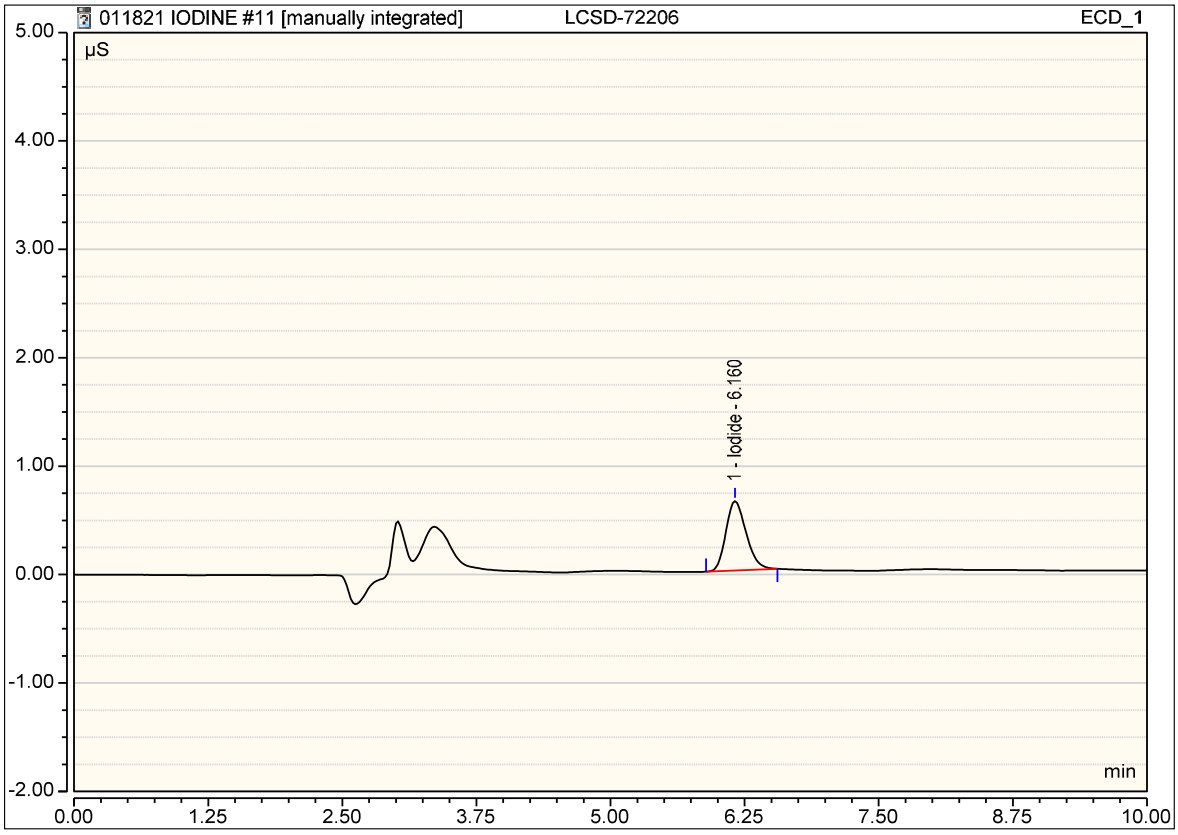
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**LCSD-72206**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 17:28**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.16	Iodide	BMB*	0.140	0.640	1.0649
		TOTAL:		0.14	0.64	1.06



Anion/Integration

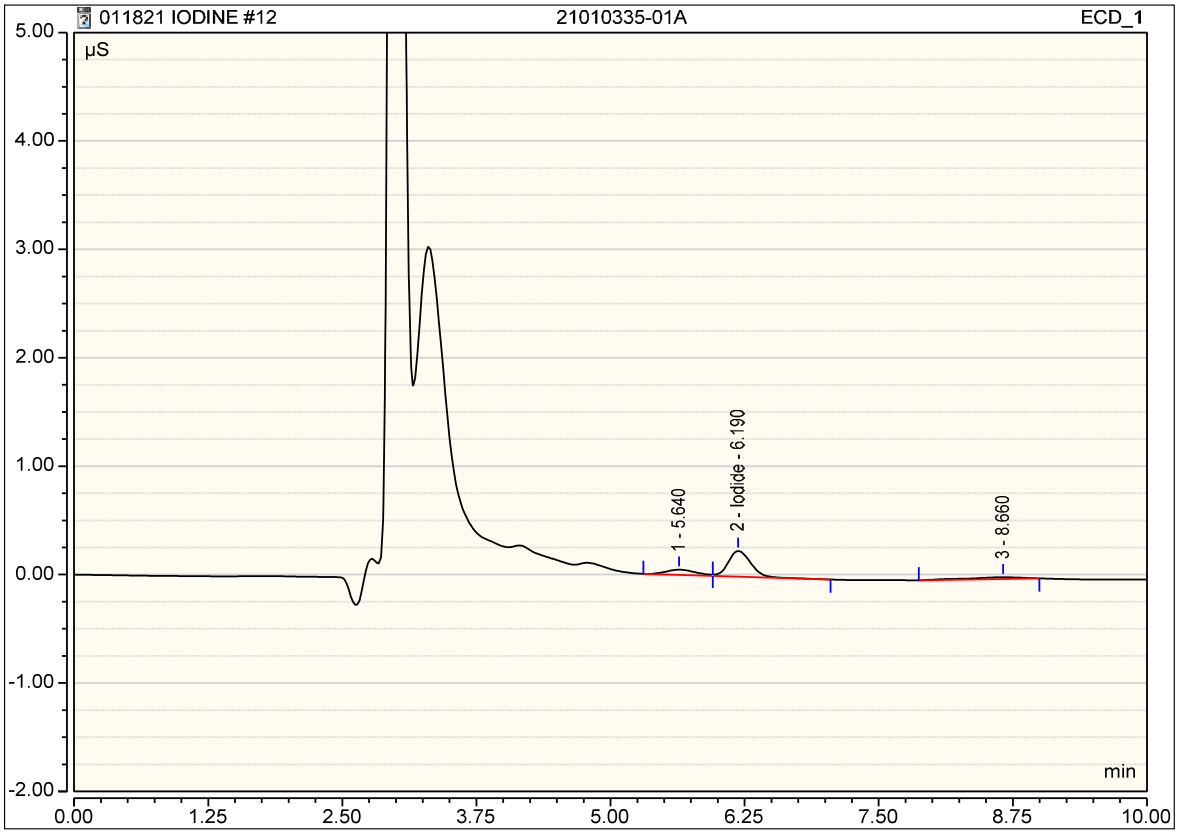
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010335-01A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 17:40**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
2	6.19	Iodide	MB	0.059	0.238	0.4594
		TOTAL:		0.06	0.24	0.46



Anion/Integration

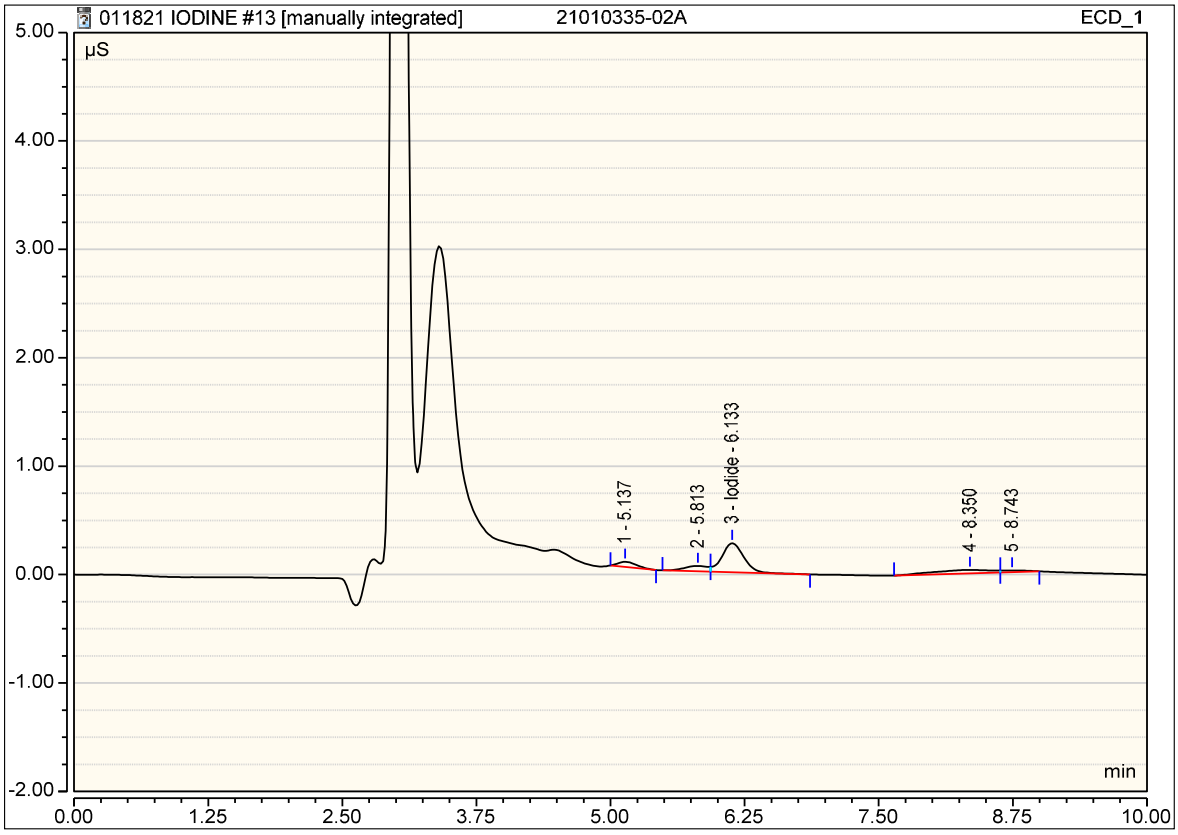
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010335-02A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 17:53**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.13	Iodide	MB*	0.063	0.269	0.4947
		TOTAL:		0.06	0.27	0.49



Anion/Integration

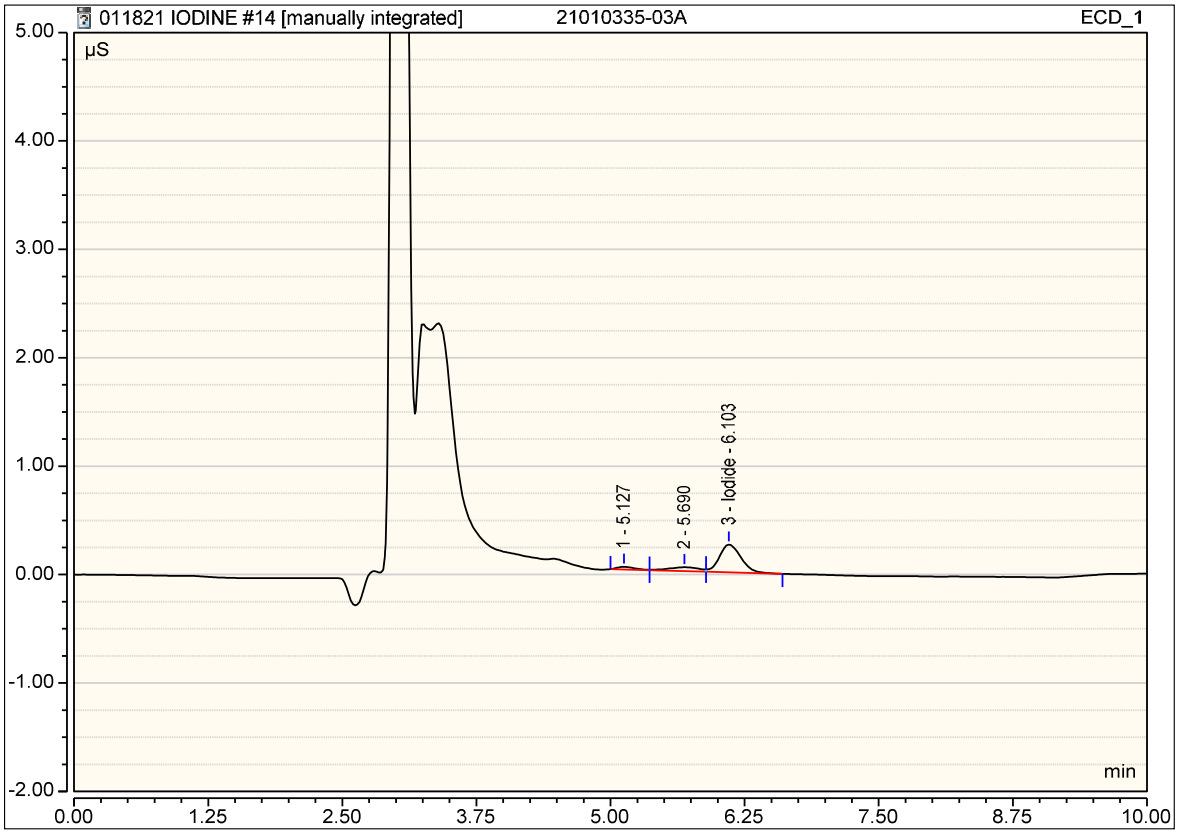
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010335-03A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 18:05**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.10	Iodide	MB*	0.060	0.256	0.4693
		TOTAL:		0.06	0.26	0.47



Anion/Integration

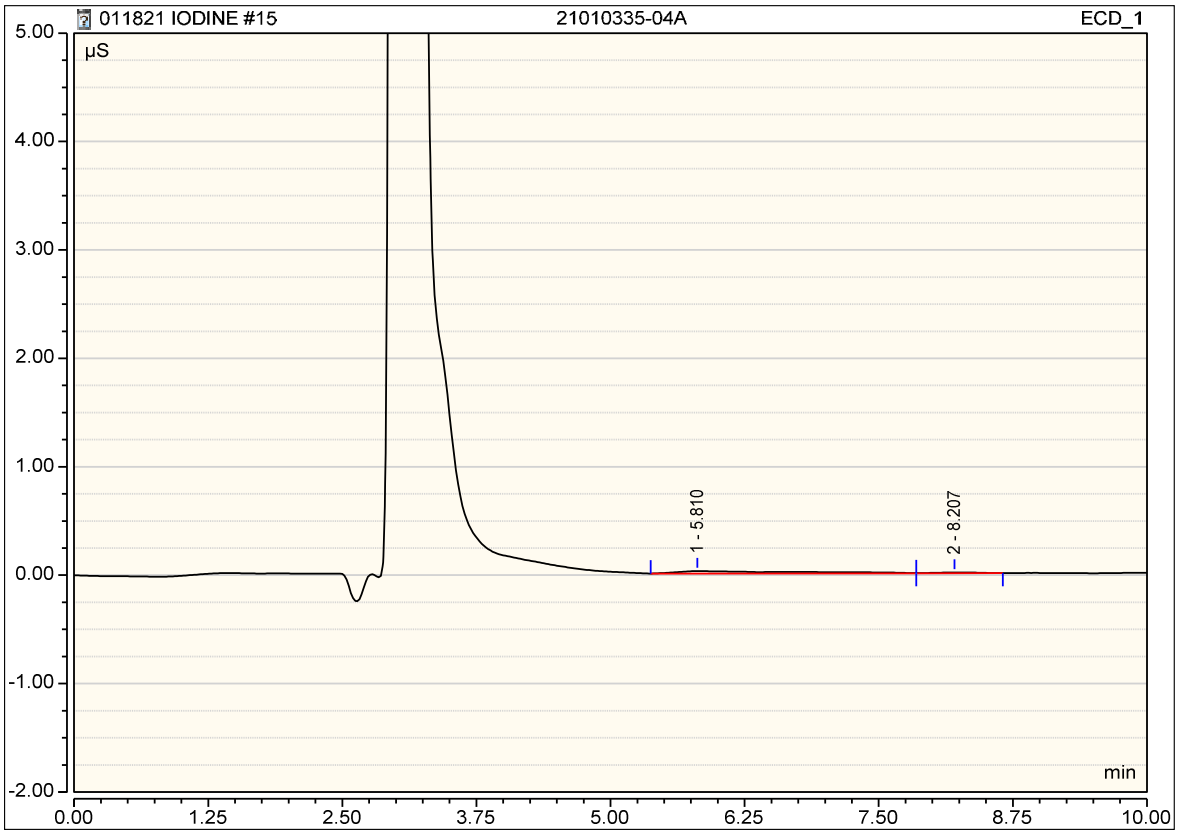
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010335-04A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 18:17**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
		TOTAL:		0.00	0.00	0.00



Anion/Integration

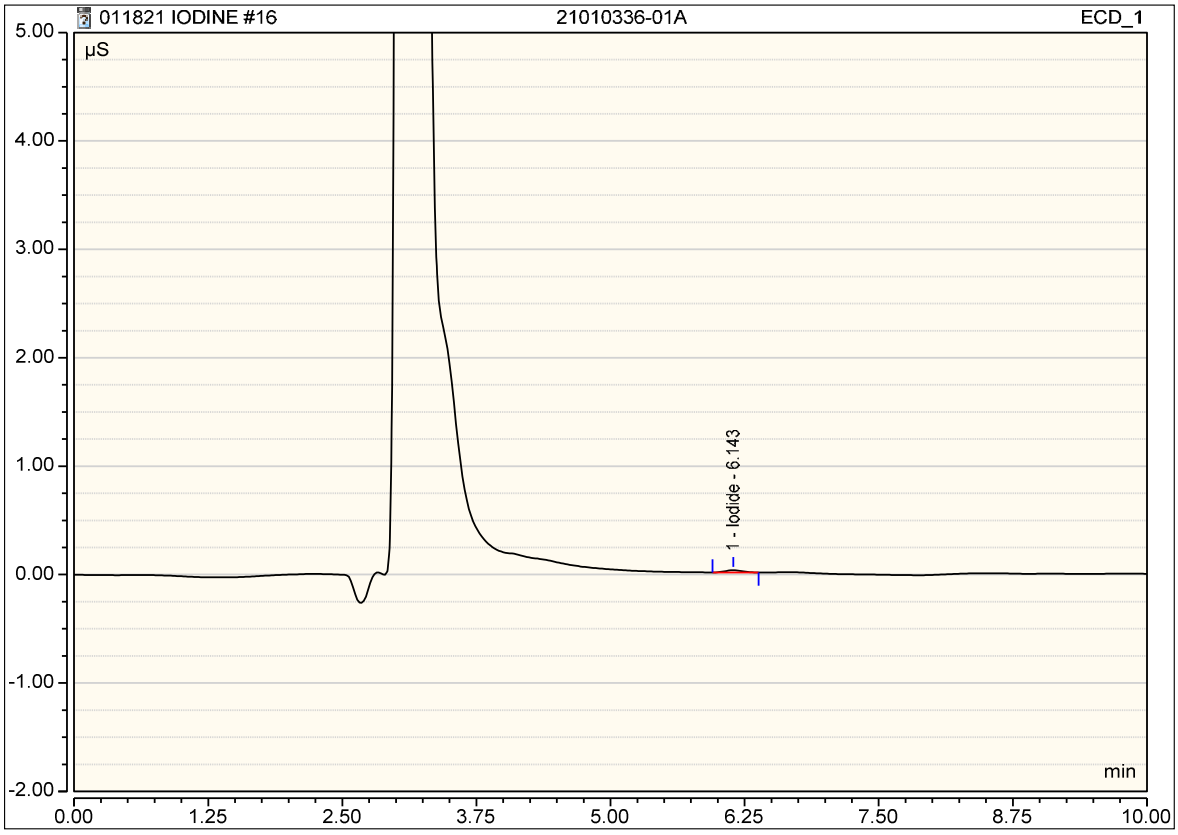
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010336-01A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 18:30**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.14	Iodide	BMB	0.004	0.020	0.0535
		TOTAL:		0.00	0.02	0.05



Anion/Integration

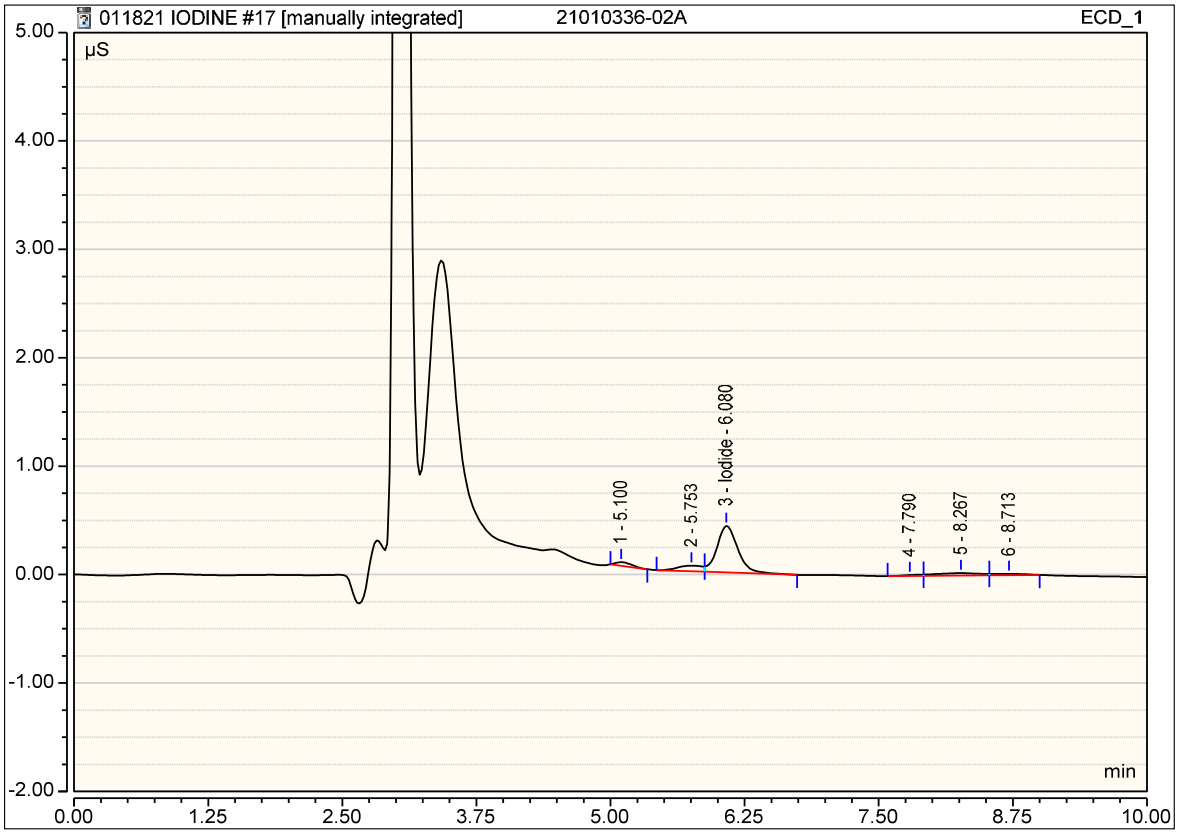
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010336-02A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 18:42**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.08	Iodide	MB*	0.097	0.430	0.7449
		TOTAL:		0.10	0.43	0.74



Anion/Integration

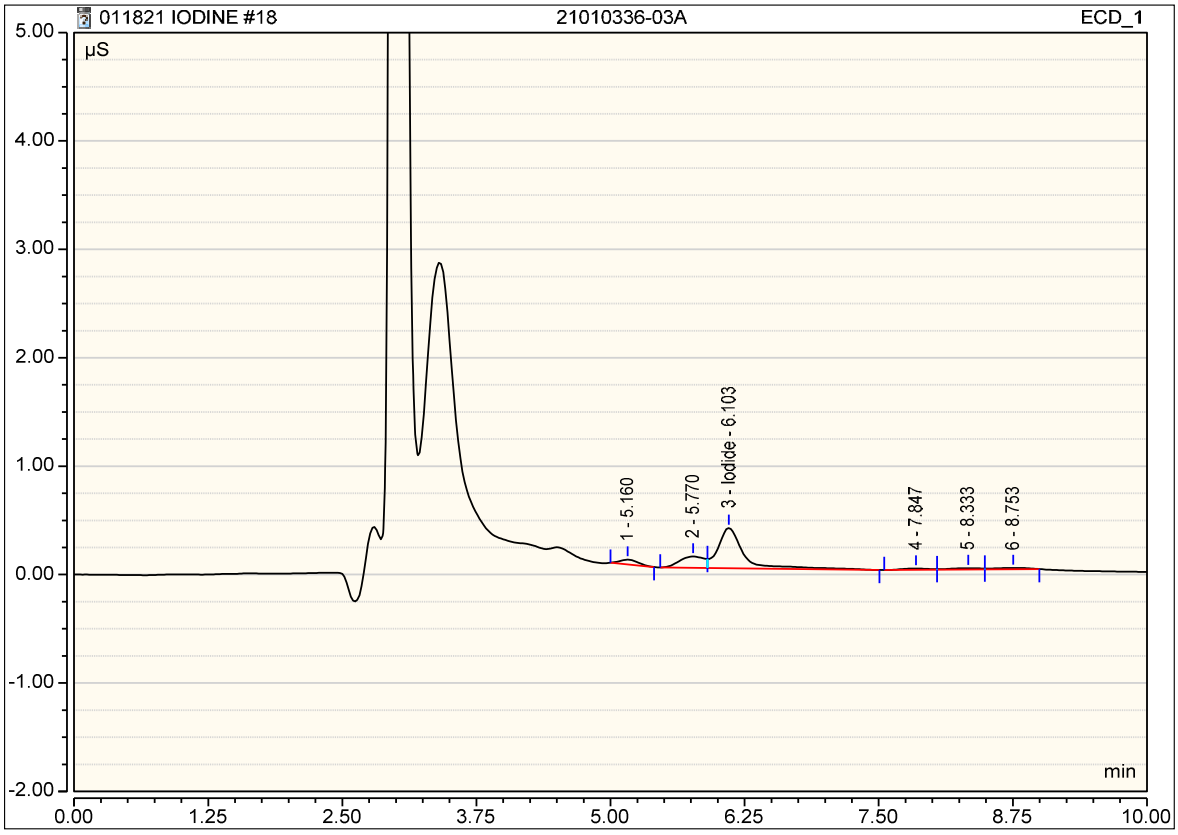
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010336-03A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 18:54**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.10	Iodide	MB	0.103	0.372	0.7870
		TOTAL:		0.10	0.37	0.79



Anion/Integration

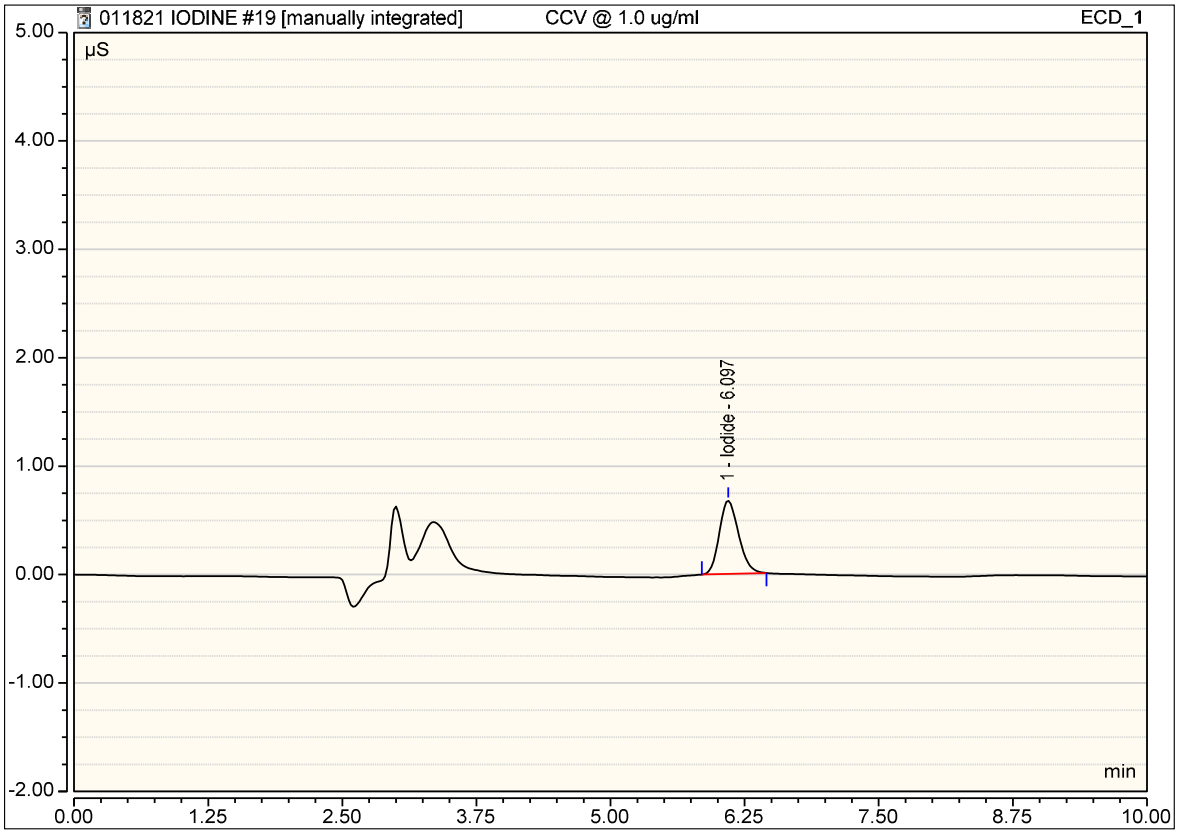
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCV @ 1.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 19:07**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.10	Iodide	BMB*	0.141	0.676	1.0689
		TOTAL:		0.14	0.68	1.07



Anion/Integration

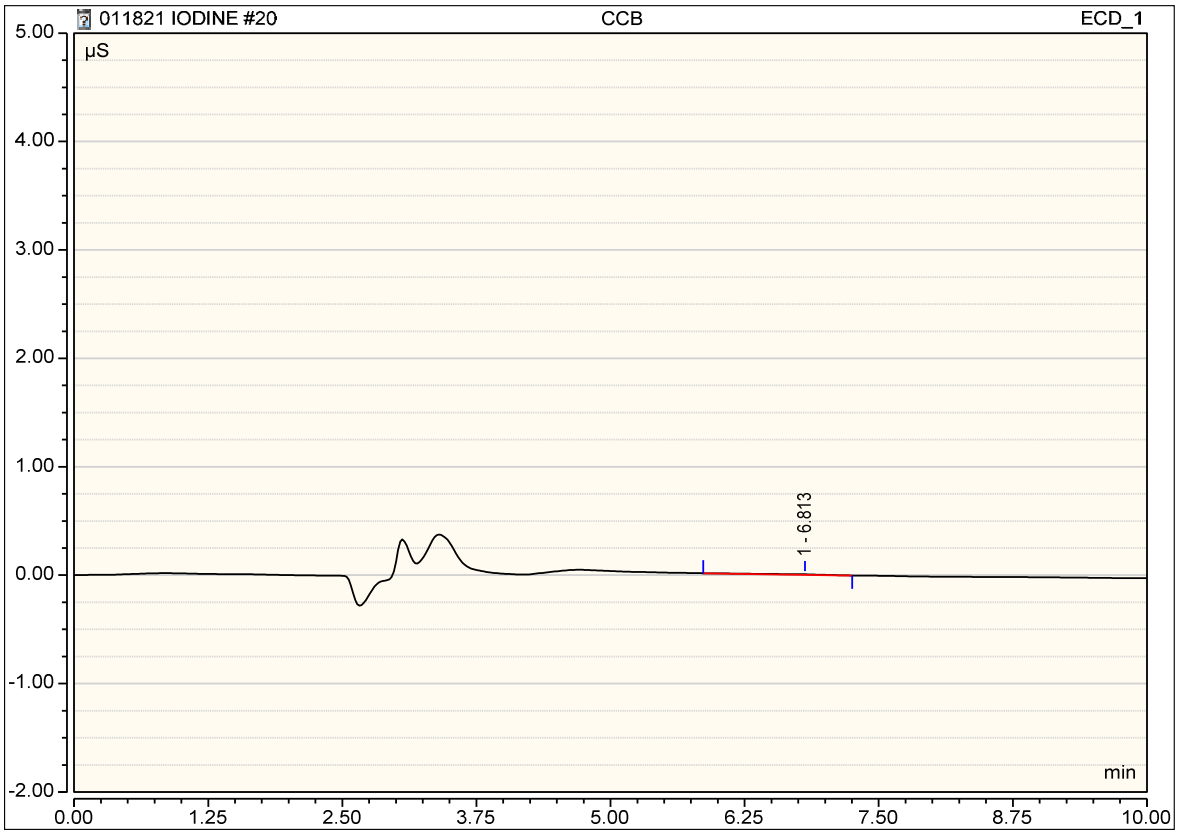
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCB**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 19:19**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
TOTAL:				0.00	0.00	0.00



Anion/Integration

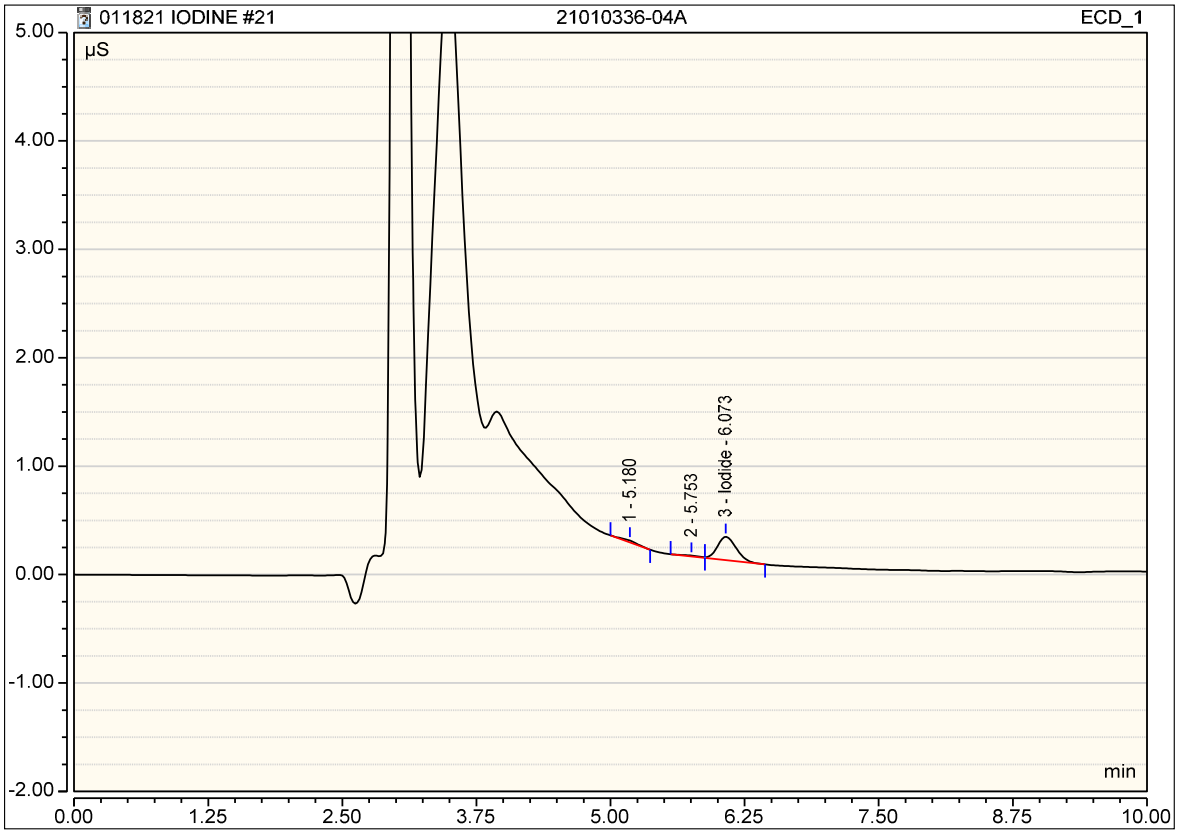
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010336-04A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 19:32**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.07	Iodide	MB	0.044	0.216	0.3497
		TOTAL:		0.04	0.22	0.35



Anion/Integration

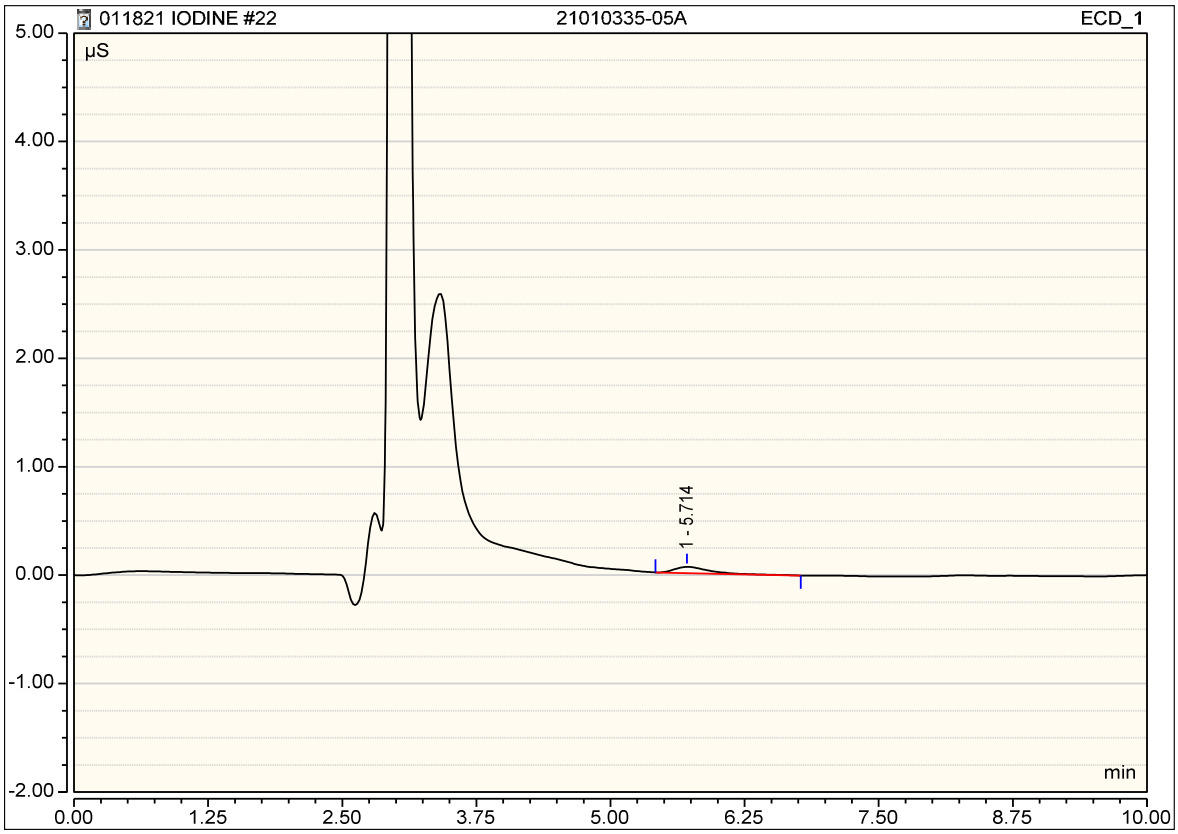
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010335-05A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 19:44**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
		TOTAL:		0.00	0.00	0.00



Anion/Integration

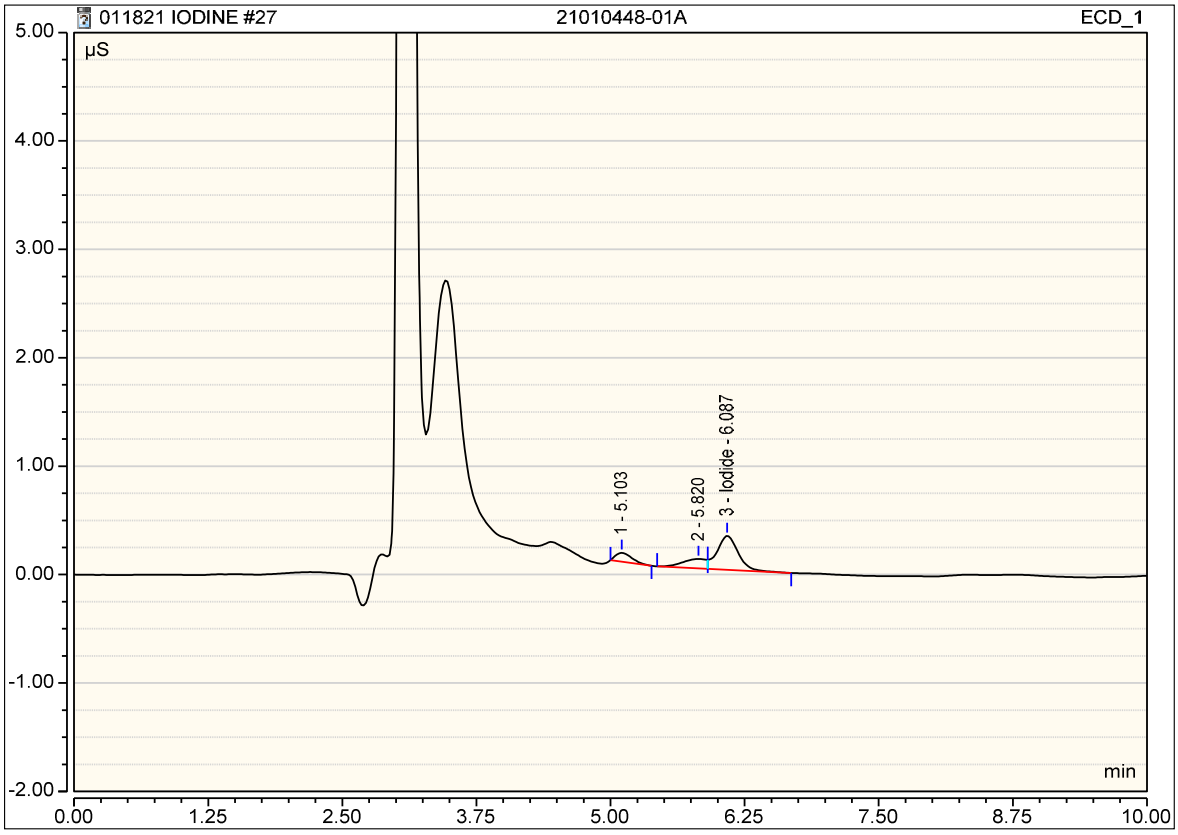
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010448-01A**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 20:46**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.09	Iodide	MB	0.071	0.313	0.5498
		TOTAL:		0.07	0.31	0.55



Anion/Integration

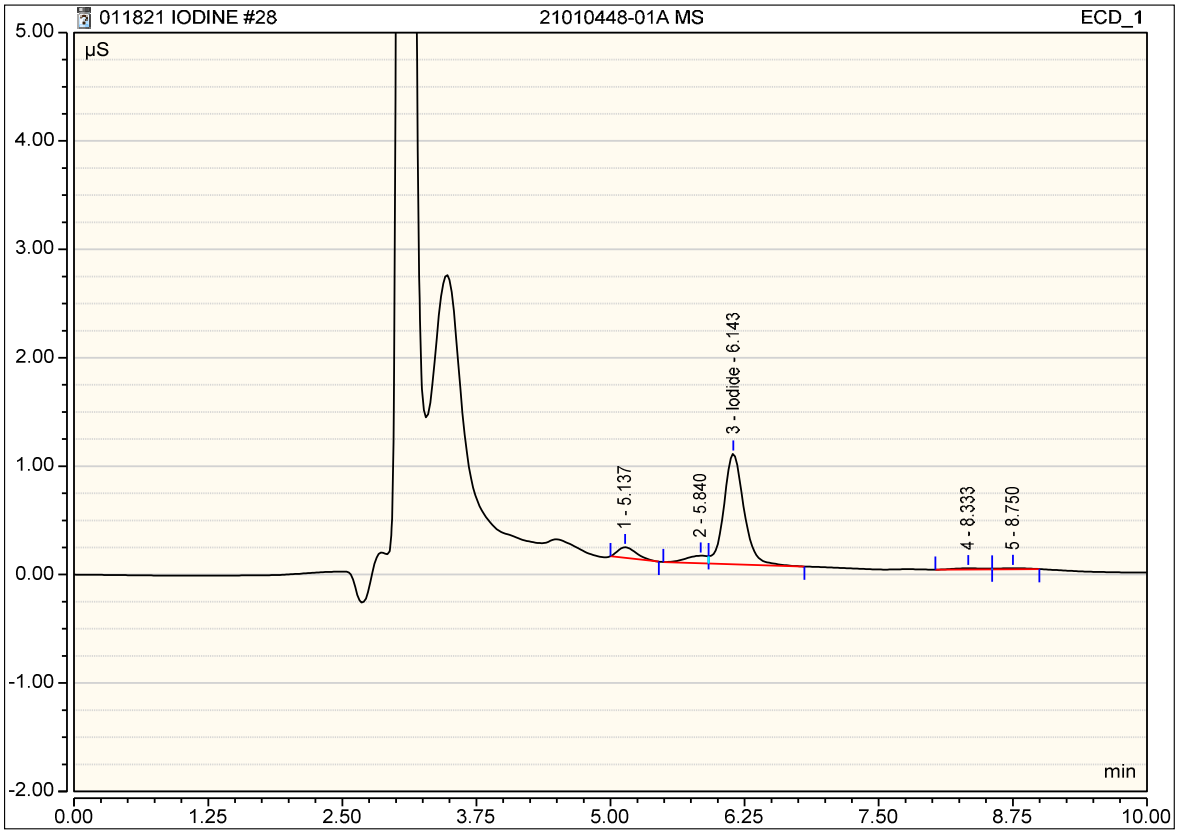
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010448-01A MS**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 20:58**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.14	Iodide	MB	0.220	1.019	1.6532
		TOTAL:		0.22	1.02	1.65



Anion/Integration

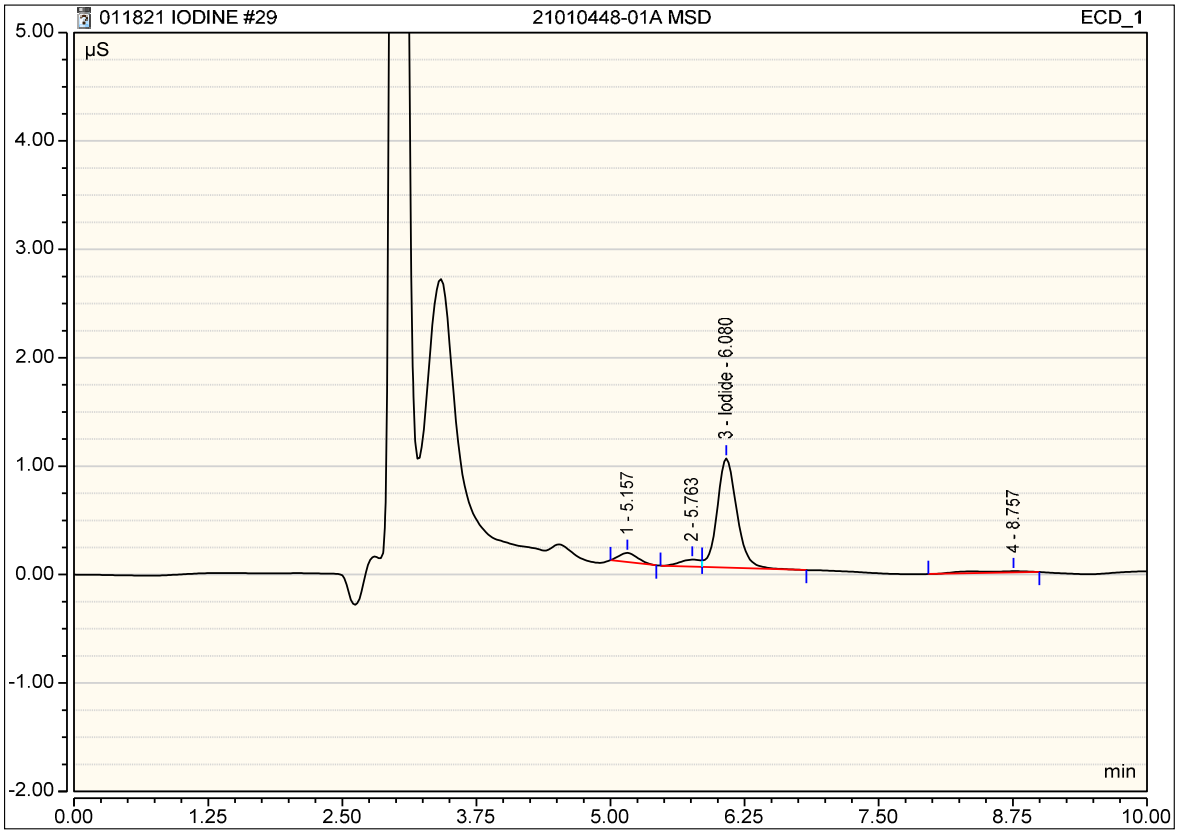
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**21010448-01A MSD**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 21:11**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	6.08	Iodide	MB	0.214	1.006	1.6101
		TOTAL:		0.21	1.01	1.61



Anion/Integration

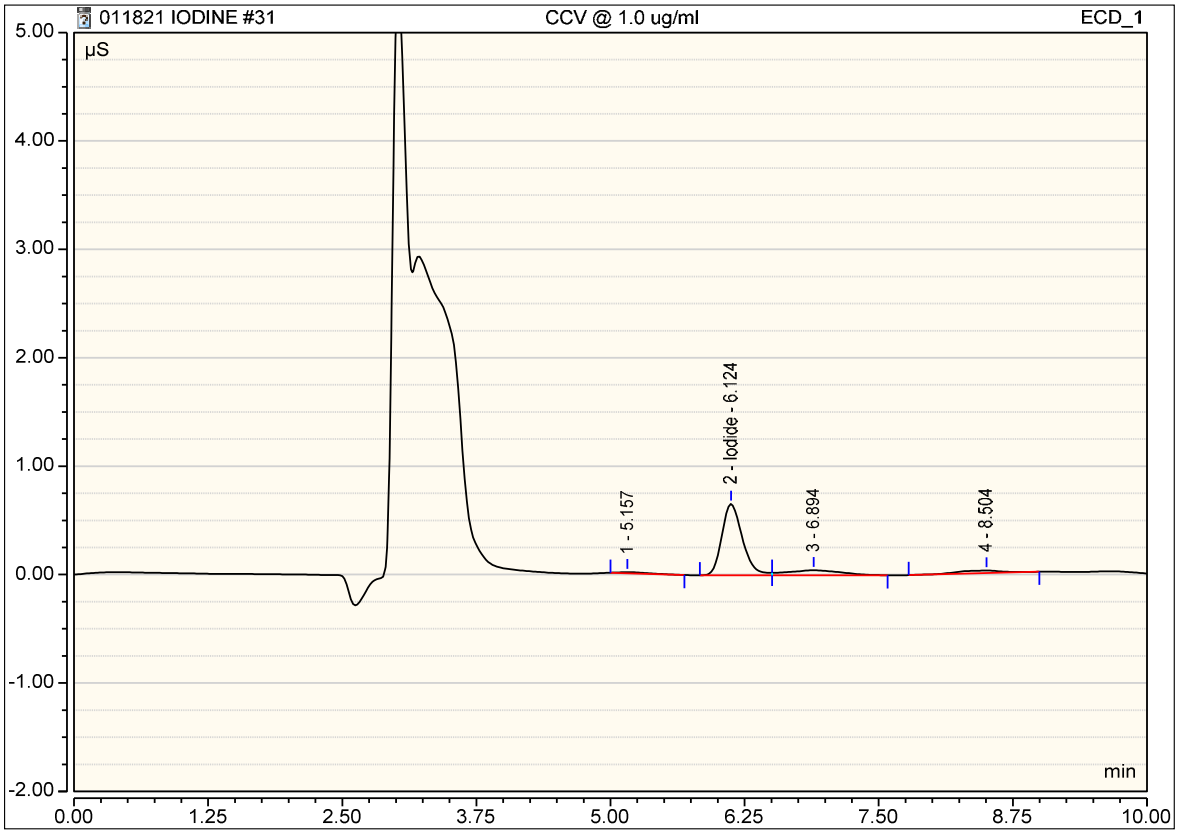
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCV @ 1.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 21:35**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
2	6.12	Iodide	BM	0.146	0.658	1.1094
		TOTAL:		0.15	0.66	1.11



Anion/Integration

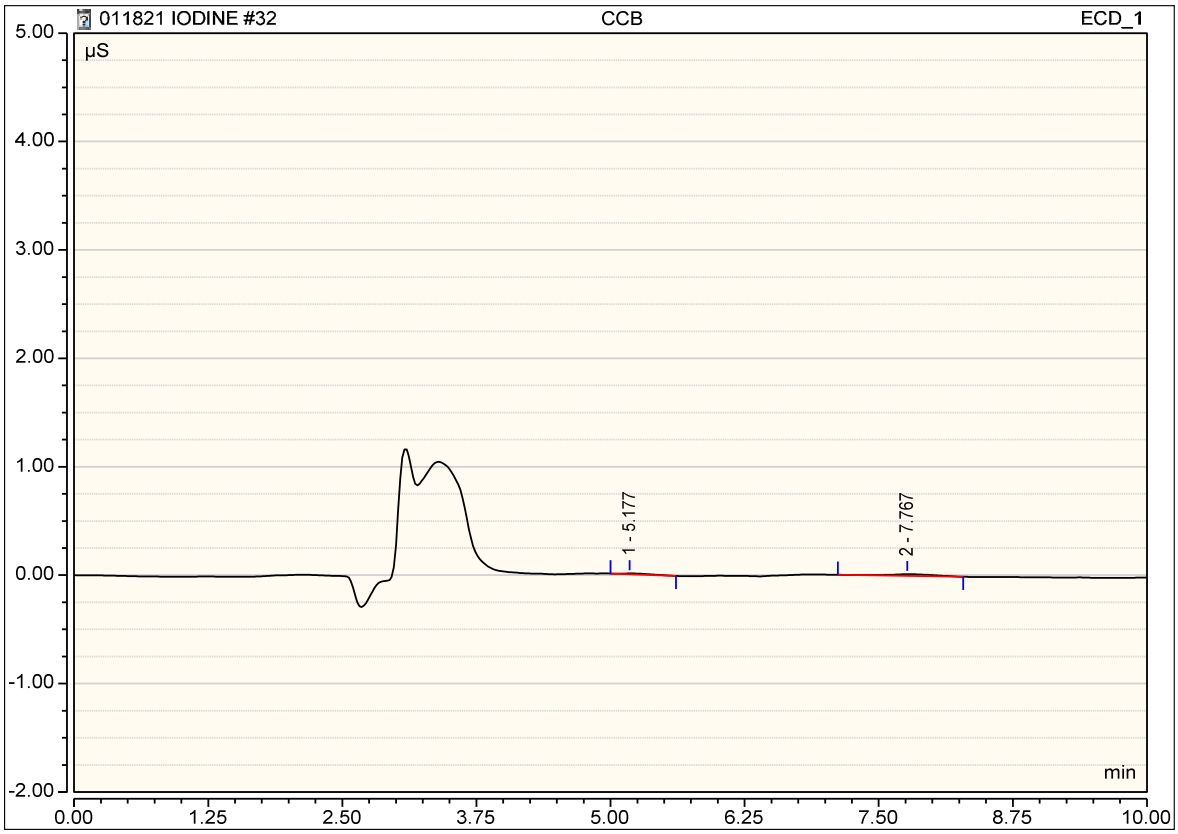
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCB**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 21:48**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
		TOTAL:		0.00	0.00	0.00



Anion/Integration

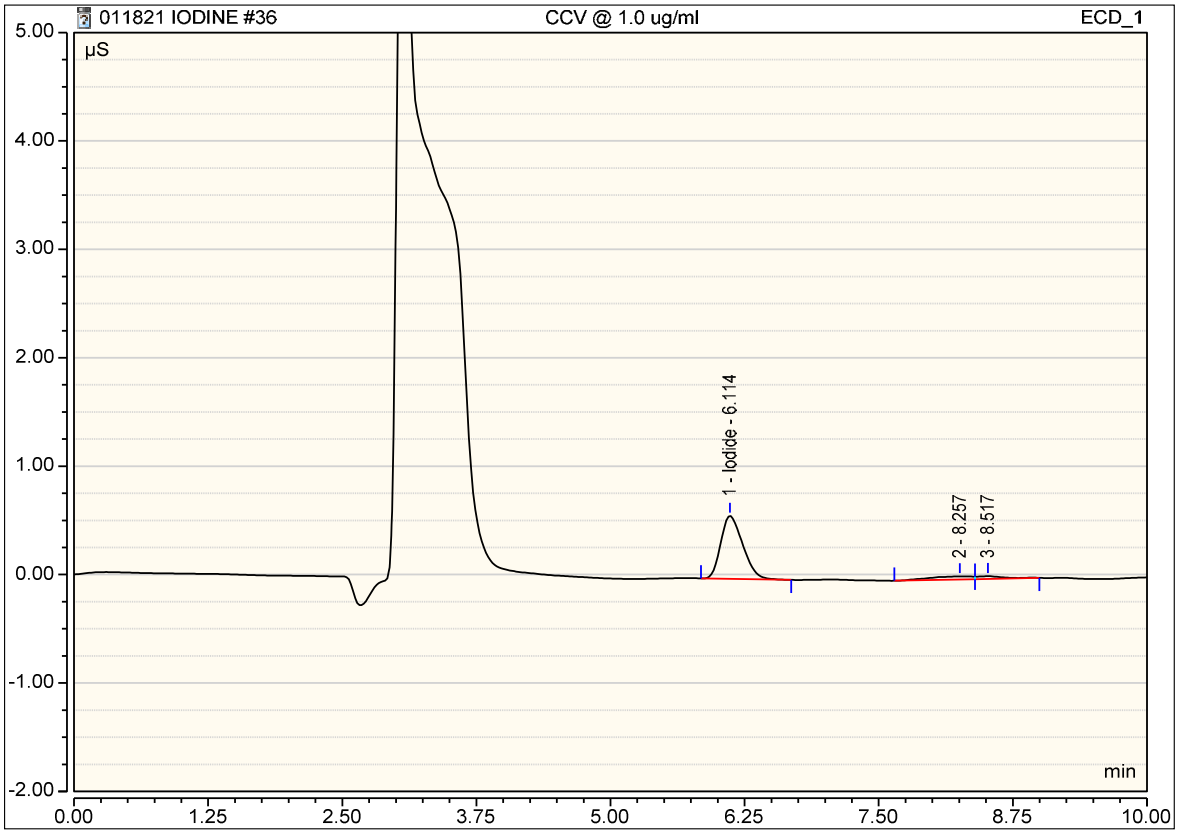
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCV @ 1.0 ug/ml**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 22:37**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	6.11	Iodide	BMB	0.138	0.580	1.0470
		TOTAL:		0.14	0.58	1.05



Anion/Integration

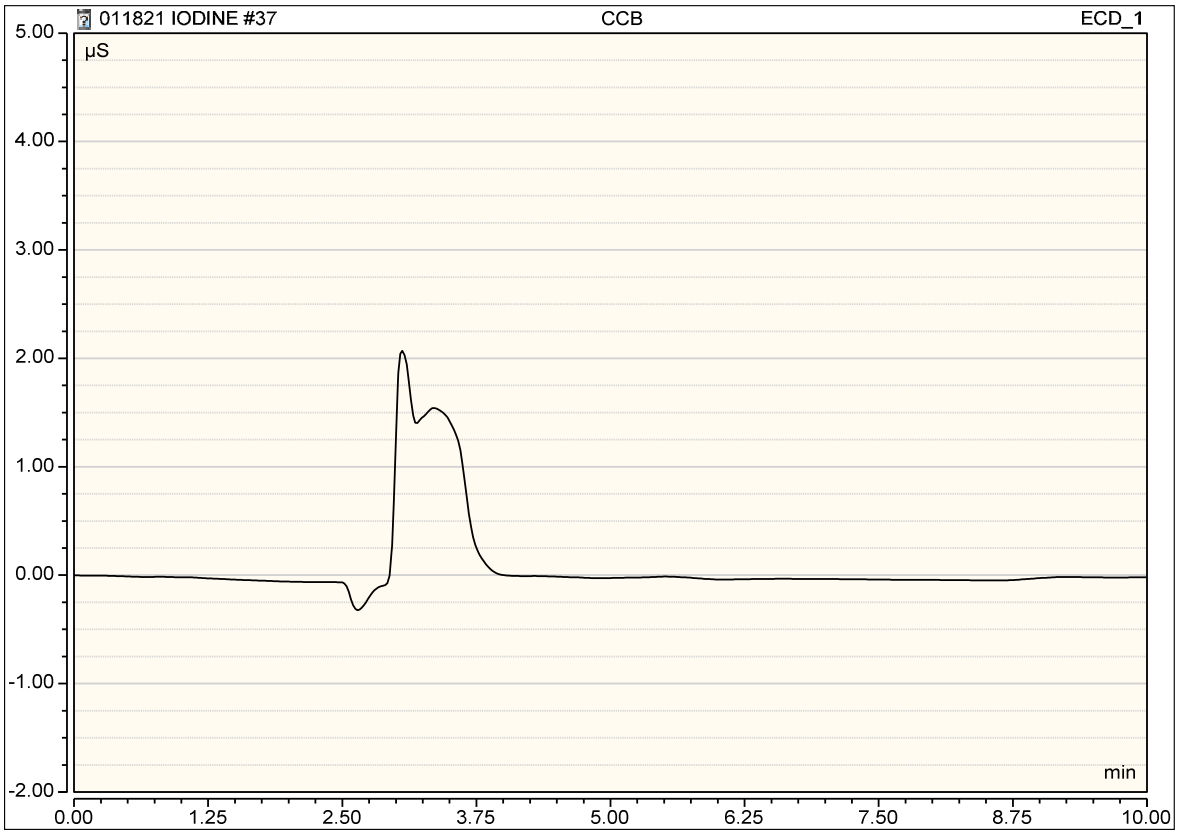
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: ALCNC.HPLC01
Instrument: ICS2000
Sequence: 011821 IODINE

Peak Integration Report

Sample Name:	**CCB**	*Inj. Vol.:*	**100.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Iodide**	*Operator:*	**ALCNC.HPLC01**
Inj. Date / Time:	**18-Jan-2021 / 22:50**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount n.a.
		TOTAL:		0.00	0.00	0.00



Anion/Integration

Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Appendix D-4

U.S. Environmental Protection Agency Data

Verification and Validation Figures

(January-March 2021)

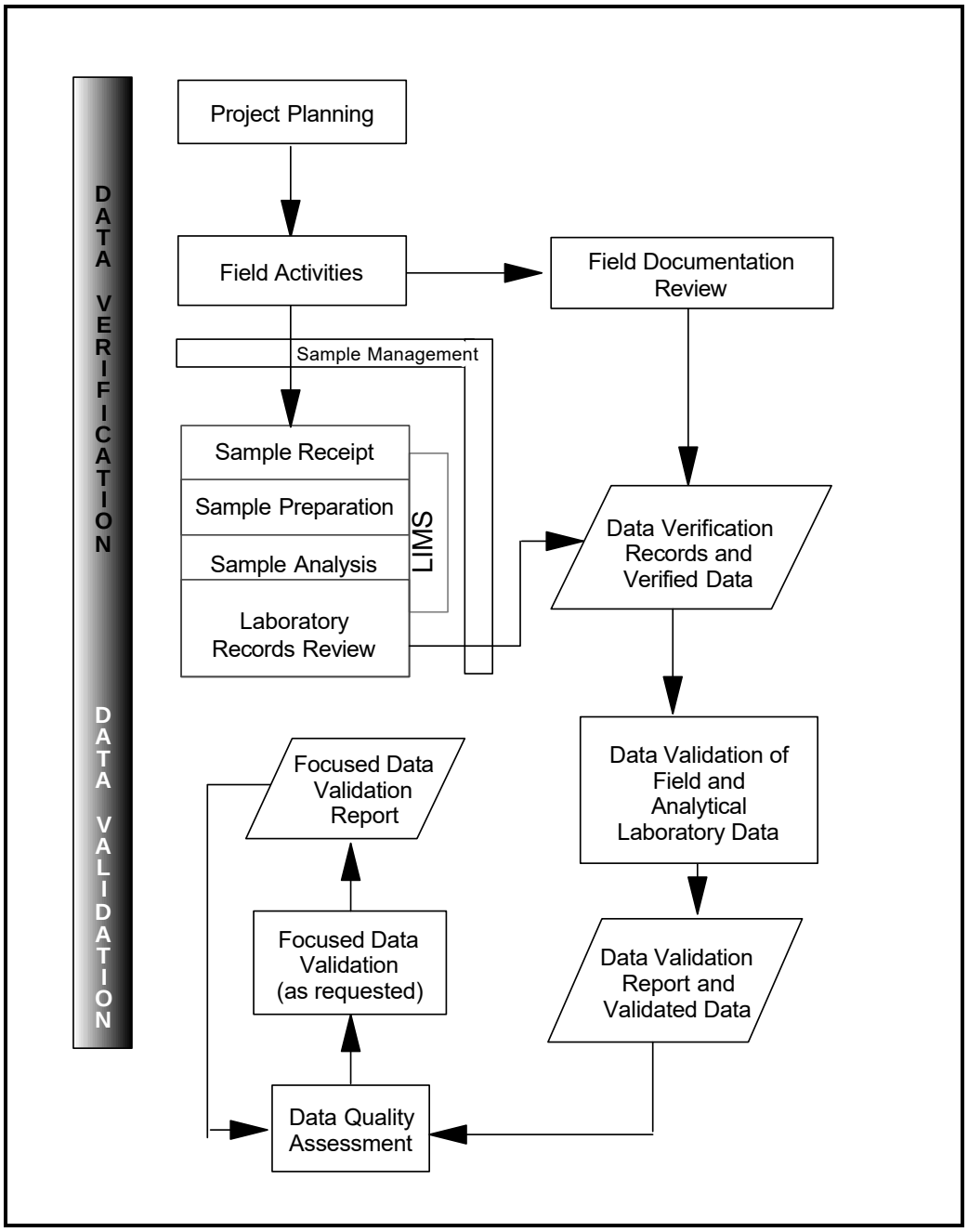


Figure 2. Data Verification and Data Validation Components in the Project Life Cycle

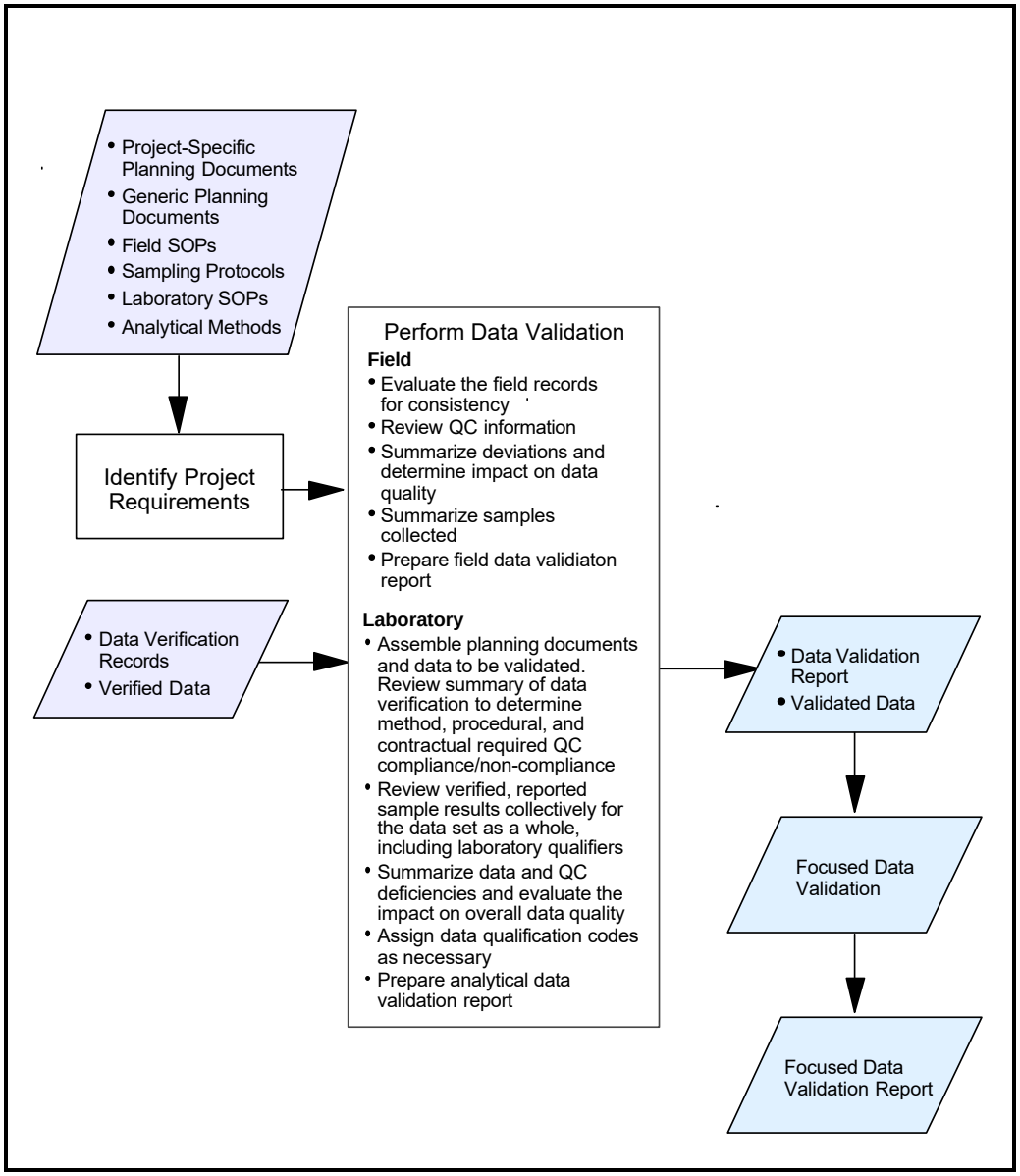


Figure 4. Data Validation Process

Appendix E-1

Daily Quality Control Reports - Drinking Water

Supply Well Samples

(January-March 2021)

Kirtland AFB Bulk Fuels Facility GWTS Expansion/Monitoring -- 62599DM01
Daily Quality Control Report – Non-Construction

ROLE: Drinking Water Sampling DATE: 1/5/21

WEATHER: Cool, sunny

1. ONSITE PERSONNEL (including subcontractors and government employees)	
Name	**Organization**
B. Backish	EA - Site Manager/Supervisor
P. Fenzan	EA - Site Health and Safetly Office
G. Bracht	EA - sample team
J. Livingston	EA - sample team
	AB

2. OPERATING EQUIPMENT

Team #1		Team #2		Spare	
YSI Professional Plus 18L100378 WH0003	X	YSI Professional Plus 15K101396 WH0001		YSI Professional Plus 15L100541 WH0002	X
MiniRAE 3000 592-915778 WH0005		MiniRAE 3000 592-915790 WH0004		MiniRAE 3000 592-915579 WH0006	
Geotech Turbidimeter 18081855		Hach 2100Q 15100C044633 WH0009		Hach 2100Q 15100C045025 WH0007	
Solinst Water Level Meter 253056		Solinst Water Level Meter 253053 WH0012		Geotech Interface Probe 0001	

3. DAILY SUMMARY (include QC samples collected, deviations from planning documents, converstations with the the public and governmental employees, and problems encountered and remedies applied)	
1035	Duplicate Sample at VA-2
	AB

4. WORK PERFORMED (Indicate location, time, and description of work performed by prime and/or subcontractors)	
0901	Arrive at KAFB-016
0910	Sample at KAFB-016
0930	Arrive at KAFB-003
0937	Sample KAFB-003

DQCR Page 1 of 2

Reviewed by: Amanda Smith Reviewed date: 2/21/2021

Kirtland AFB Bulk Fuels Facility GWM & IRM - 6360401
Daily Quality Control Report – Non-Construction

DATE: 1/5/21

4. WORK PERFORMED (Continued)	
1005	Arrive at VA well
1035	Sample VA-2
1100	Return to field trailer for shipping

5. CONTRACTOR'S VERIFICATION: I certify that to the best of my knowledge the above report is complete and correct. All equipment used, and work performed during this reporting period is in compliance with the contract plans and specifications noted above.

Ginny Bracht
Name

Signature

EA Engineering, Science and Technology Inc., PBC

DQCR Page 2 of 2

Reviewed by: Amanda Smith

Reviewed date: 2/22/2021

Kirtland AFB Bulk Fuels Facility GWM & IRM - ~~6360401~~ 62735DM02
Daily Quality Control Report – Non-Construction

ROLE: Team #1 DATE: 2-10-2021

WEATHER: Partly cloudy, high ~60°F

1. ONSITE PERSONNEL (including subcontractors and government employees)

Name	Organization
Bernard Bockisch	EA - Site Manager/Supervisor
Peter Ferrari	EA - Site Health and Safetly Office
Dylan Schweelk	EA - Samples
Amy Rosebrough	EA - Samples

2. OPERATING EQUIPMENT

YSI Professional Plus 18L100378 Wh0003 ☒	YSI Professional Plus 15K101396 Wh0001 ☐	YSI Professional Plus 15L100541 Wh0002 ☐
MiniRAE 3000 592-915778 Wh0005 ☐	MiniRAE 3000 592-915790 ~~Wh0004~~ ☐	MiniRAE 3000 592-915579 Wh0006 ☐
Hach 2100Q 15100C045025 Wh0007 ☐	Hach 2100Q 15100C044633 Wh0009 ☑	Geotech Turbidity Meter 18081855 ☐
Solinst Water Level Meter ~~350333~~ WH0567 (750 ft) ☐	Solinst Water Level Meter 253053 WH0012 ☐	Geotech Water Level Meter 0001 WH0570 ☐
Solinst Water Level Meter 350334 WH0566 ☐	Solinst Water Level Meter ~~253056~~ WH0571 ☐	☐

3. DAILY SUMMARY (include QC samples collected, deviations from planning documents, converstations with the the public and governmental employees, and problems encountered and remedies applied)

	Well sample times:
0915	Sample KAFB-016
0935	Sample KAFB-015
1030	Sample KAFB-003

4. WORK PERFORMED (Indicate location, time, and description of work performed by prime and/or subcontractors)

0905	Leave field trailer for KAFB-015
0907	Arrive at KAFB-~~106~~ 015
0925	Leave KAFB-016 for KAFB-015
0929	Arrive at KAFB-015

DQCR Page 1 of 2

Reviewed by: [signature] Reviewed date: 2/25/21

Kirtland AFB Bulk Fuels Facility GWM & IRM - ~~6360401~~ 62735DM02
Daily Quality Control Report – Non-Construction

DATE: 2/10/21

4. WORK PERFORMED (Continued)	
1010	Leave KAFB-015 for KAFB-003
1016	Arrive at KAFB-003
1045	Leave KAFB 003 for trailer
1052	Arrive at trailer

AR2

5. CONTRACTOR'S VERIFICATION: I certify that to the best of my knowledge the above report is complete and correct. All equipment used, and work performed during this reporting period is in compliance with the contract plans and specifications noted above.

Amy Rosebrough
Name

Signature

EA Engineering, Science and Technology Inc., PBC

Reviewed by:

DQCR Page 2 of 2

Reviewed date: 2/25/21

Kirtland AFB Bulk Fuels Facility GWM & IRM - 6360401
Daily Quality Control Report – Non-Construction

ROLE: Drinking Water Team #1 DATE: 03-09-2021

WEATHER: 58°F wind SSE 5MPH Cloudy

1. ONSITE PERSONNEL (including subcontractors and government employees)

Name	Organization
Bernard Bockisch	EA - Site Manager/Supervisor
Peter Ferrari	EA - Site Health and Safetly Office
Dylan Schneeh	GEO I
Gabrielle Begaye	TECH III

2. OPERATING EQUIPMENT

YSI Professional Plus 18L100378 Wh0003 ☒	YSI Professional Plus 15K101396 Wh0001 ☐	YSI Professional Plus 15L100541 Wh0002 ☐
MiniRAE 3000 592-915778 Wh0005 ☐	MiniRAE 3000 592-915790 Wh0004 ☐	MiniRAE 3000 592-915579 Wh0006 ☐
Hach 2100Q 15100C045025 Wh0007 ☐	Hach 2100Q 15100C044633 Wh0009 ☒	Geotech Turbidity Meter 18081855 ☐
Solinst Water Level Meter 350333 WH0567 (750 ft) ☐	Solinst Water Level Meter 253053 WH0012 ☐	Geotech Water Level Meter 0001 WH0570 ☐
Solinst Water Level Meter 350334 WH0566 ☐	Solinst Water Level Meter 253056 WH0571 ☐	☐

3. DAILY SUMMARY (include QC samples collected, deviations from planning documents, converstations with the the public and governmental employees, and problems encountered and remedies applied)

wells	KAFB-016 @ 0906, KAFB-003 @ 0937
sampled	KAFB-VA2 @ 1052

4. WORK PERFORMED (Indicate location, time, and description of work performed by prime and/or subcontractors)

0900	left trailer to KAFB-016
0902	Arrived at KAFB-016
0919	left KAFB-016 to KAFB-003
0928	Arrived at KAFB-003

Reviewed by: _____ DQCR Page 1 of 2 Reviewed date: 4/7/21

Kirtland AFB Bulk Fuels Facility GWM & IRM - 6360401
Daily Quality Control Report – Non-Construction

DATE: 03-09-2021

4. WORK PERFORMED (Continued)

0945	left KAFB-003 to VA-2
0953	Arrived at VA-2
1118	left VA-2 to gas station
1128	Arrived at gas station
1135	left gas station to trailer
1139	Arrived at trailer

03-09-2021

5. CONTRACTOR'S VERIFICATION: I certify that to the best of my knowledge the above report is complete and correct. All equipment used, and work performed during this reporting period is in compliance with the contract plans and specifications noted above.

Name

Signature

EA Engineering, Science and Technology Inc., PBC

Reviewed by:

DQCR Page 2 of 2

Reviewed date: 4/7/21

Appendix E-2

Drinking Water Sample Collection Logs and

Chain-of-Custody Forms

(January-March 2021)

Drinking Water Supply Sampling Log

Year: 2021
Quarter: 1 - January

Project: Kirtland AFB BFF ST-106/SS-111 Well ID: KAFB-003

Purge Information and Field Parameter

Date: 1/5/21

Sample Team: G Brecht, J Livingston Sample Team Signature

Purge Start Time: 0900

Time	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
0937	0.73	19.0	48.7	4.52	410.7	7.78	293.1

Sample Time: 0937 Sample Date: 1/5/21

Bubbles in the vials?: ☐ Yes ☑ No Where? — Amount — Size —

6mm

Sampled by: GB

Sample ID:	GWK003-2111	Duplicate Sample ID (if applicable):	GWK003-6111
COC:	COC-K003-2111		

Contact Information

For wells KAFB-003, KAFB-015, and KAFB-016: Call Mark Dalzell at 505-228-8595

For well ST106-VA-2: Call Tim Melody 505-991-3876

Comments:

Reviewed by: Amanda Smith Review Date: 2/22/2021

Page 1 of 1

Drinking Water Supply Sampling Log

Year: 2021
Quarter: 1 - January

Project: Kirtland AFB BFF ST-106/SS-111 Well ID: KAFB-016

Purge Information and Field Parameter

Date: 1/5/21

Sample Team: G Bracht, J Livingston Sample Team Signature

Purge Start Time: 0815

Time	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
0910	0.28	23.7	13.6	1.12	474.7	7.44	371.8

Sample Time: 0910 Sample Date: 1/5/21

Bubbles in the vials?: ☐ Yes ☑ No Where? — Amount — Size —

6mm

Sampled by: GB

Sample ID:	GWK016-2111	Duplicate Sample ID (if applicable):	GWK016-6111
COC:	COC-K016-2111		

Contact Information

For wells KAFB-003, KAFB-015, and KAFB-016: Call Mark Dalzell at 505-228-8595

For well ST106-VA-2: Call Tim Melody 505-991-3876

Comments:

Reviewed by: Amanda Smith Review Date: 2/24/2021

Page 1 of 1

Drinking Water Supply Sampling Log

Year: 2021
Quarter: 1 - January

Project: Kirtland AFB BFF ST-106/SS-111
Well ID: ST106-VA-2

Purge Information and Field Parameter

Date: 1/5/21

Sample Team: G Bracht, J Livingston
Sample Team Signature

Purge Start Time: 1013

Time	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
1035	0.24	20.3	17.6	1.60	416.6	7.80	327.3

Sample Time: 1035
Sample Date: 1/5/21

Bubbles in the vials?: ☐ Yes ☑ No Where? — Amount — Size —

6mm

Sampled by: GB

Sample ID:	GWVA2-2111	Duplicate Sample ID (if applicable):	GWVA2-6111
COC:	COC-VA2-2111		

Contact Information

For wells KAFB-003, KAFB-015, and KAFB-016: Call Mark Dalzell at 505-228-8595

For well ST106-VA-2: Call Tim Melody 505-991-3876

Comments:

Reviewed by: Amanda Smith
Review Date: 2/22/2021

Page 1 of 1

Drinking Water Supply Sampling Log

Year: 2021
Quarter: 1 - February

Project: Kirtland AFB BFF ST-106/SS-111 Well ID: KAFB-003

Purge Information and Field Parameter

Date: 2/10/2021

Sample Team: A. Rosebrough, D. Schmeelk Sample Team Signature

Purge Start Time: 0800

Time	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
1030	0.67	18.2	35.7	3.37	427.8	7.98	256.8

Sample Time: 1030 Sample Date: 2/10/21

Bubbles in the vials?: ☐ Yes ☒ No Where? — Amount — Size — 6mm

Sampled by: D. Schmeelk

Sample ID:	GWK003-2112	Duplicate Sample ID (if applicable):	GWK003-6112
COC:	COC-K003-2112		

Contact Information

For wells KAFB-003, KAFB-015, and KAFB-016: Call Mark Dalzell at 505-228-8595

For well ST106-VA-2: Call Tim Melody 505-991-3876

Comments:

Reviewed by: Review Date: 2/25/21

Page 1 of 1

Drinking Water Supply Sampling Log

Year: 2021
Quarter: 1 - February

Project: Kirtland AFB BFF ST-106/SS-111 Well ID: KAFB-015

Purge Information and Field Parameter

Date: 2/10/21

Sample Team: A. Rosebrough, D. Schmeelk Sample Team Signature

Purge Start Time: 0830

Time	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
0934	0.78	22.1	8.8	0.77	509.7	7.91	198.9

Sample Time: 0935 Sample Date: 2/10/21

Bubbles in the vials?: ☐ Yes ☒ No Where? ____ Amount ____ Size 6mm

Sampled by: D. Schmeelk

Sample ID:	GWK015-2112	Duplicate Sample ID (if applicable):	GWK015-6112
COC:	COC-K015-2112		

Contact Information

For wells KAFB-003, KAFB-015, and KAFB-016: Call Mark Dalzell at 505-228-8595

For well ST106-VA-2: Call Tim Melody 505-991-3876

Comments: MS/MSD taken here instead of VA-2

Reviewed by: Review Date: 2/25/21

Page 1 of 1

Drinking Water Supply Sampling Log

Year: 2021
Quarter: 1 - February

Project: Kirtland AFB BFF ST-106/SS-111 Well ID: KAFB-016

Purge Information and Field Parameter

Date: 2/10/21

Sample Team: A. Roseborough, D. Schmeelk Sample Team Signature

Purge Start Time: 0915

Time	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
0912	1.65	21.8	25.2	2.17	419.1	6.45	314.8

Sample Time: 0915 Sample Date: 2/10/21

Bubbles in the vials?: ☐ Yes ☒ No Where? — Amount — Size — 6mm

Sampled by: D. Schmeelk

Sample ID:	GWK016-2112	Duplicate Sample ID (if applicable):	GWK016-6112
COC:	COC-K016-2112		

Contact Information

For wells KAFB-003, KAFB-015, and KAFB-016: Call Mark Dalzell at 505-228-8595

For well ST106-VA-2: Call Tim Melody 505-991-3876

Comments:

Reviewed by: Review Date: 2/25/21

Page 1 of 1

Drinking Water Supply Sampling Log

Year: 2021
Quarter: 1 - March

Project: Kirtland AFB BFF ST-106/SS-111
Well ID: KAFB-003

Purge Information and Field Parameter

Date: 03-09-2021

Sample Team: D. Schmeelk, G. Begaye
Sample Team Signature

Purge Start Time: 0800

Time	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
0935	0.88	20.0	50.8	4.49	412.1	7.68	125.4

Sample Time: 0937
Sample Date: 03-09-2021

Bubbles in the vials?: ☐ Yes ☒ No Where? — Amount — Size —

6mm

Sampled by: D. Schmeelk

Sample ID:	GWK003-2113	Duplicate Sample ID (if applicable):	GWK003-6113
COC:	COC-K003-2113		

Contact Information

For wells KAFB-003, KAFB-015, and KAFB-016: Call Mark Dalzell at 505-228-8595

For well ST106-VA-2: Call Tim Melody 505-991-3876

Comments:

Reviewed by:
Review Date: 4/7/25

Page 1 of 1

Drinking Water Supply Sampling Log

Year: 2021
Quarter: 1 - March

Project: Kirtland AFB BFF ST-106/SS-111
Well ID: KAFB-016

Purge Information and Field Parameter

Date: 03-09-2021

Sample Team: D. Schmeelk, G. Beggs
Sample Team Signature

Purge Start Time: 0815

Time	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
0905	0.72	22.3	9.1	0.79	569	6.73	205.0

Sample Time: 0906
Sample Date: 03-09-2021

Bubbles in the vials?: ☐ Yes ☒ No Where? — Amount — Size — 6mm

Sampled by: D. Schmeelk

Sample ID:	GWK016-2113	Duplicate Sample ID (if applicable):	GWK016-6113
COC:	COC-K016-2113		

Contact Information

For wells KAFB-003, KAFB-015, and KAFB-016: Call Mark Dalzell at 505-228-8595

For well ST106-VA-2: Call Tim Melody 505-991-3876

Comments:

Reviewed by:
Review Date: 4/7/21

Page 1 of 1

Drinking Water Supply Sampling Log

Year: 2021
Quarter: 1 - March

Project: Kirtland AFB BFF ST-106/SS-111 Well ID: ST106-VA-2

Purge Information and Field Parameter Date: 03-09-2021

Sample Team: D. Schmeelk, G. Begaye Sample Team Signature

Purge Start Time: 1032

Time	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
1050	0.97	20.5	21.9	1.94	438.9	8.00	236.1

Sample Time: 1052 Sample Date: 03-09-2021

Bubbles in the vials?: ☐ Yes ☒ No Where? — Amount — Size — 6mm

Sampled by: D. Schmeelk

Sample ID:	GWVA2-2113	Duplicate Sample ID (if applicable):	GWVA2-6113
COC:	COC-VA2-2113		

Contact Information

For wells KAFB-003, KAFB-015, and KAFB-016: Call Mark Dalzell at 505-228-8595

For well ST106-VA-2: Call Tim Melody 505-991-3876

Comments:

Reviewed by: Review Date: 4/7/21 GB

Page 1 of 1

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-K003-2111

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Test America Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA; FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 16065	LAB CONTACT: 1 (912) 354-7858

YEAR: 2021
QUARTER: 1 - January

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	(Total, Carbonate, and Bicarbonate) Alkalinity (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	GWK003-2111	1/5/21	0937	6	-	3	-	3								
2																
3																
4																
5																
6																

TB2111-02

SAMPLER(S): G. Bracht

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 3975

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
Ginny Bracht	1/5/21	1400			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-K016-2111

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Test America Sample Receiving, 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA; FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 16065	LAB CONTACT: 1 (912) 354-7858

YEAR: 2021

QUARTER: 1 - January

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	(Total, Carbonate, and Bicarbonate) Alkalinity (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	GWK016-2111	1/5/21	0910	6	-	3	-	3	-							
2																
3																
4																
5																
6																

TB2111- 02

SAMPLER(S): G. Bracht

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 3975

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
GINNY BRACHT	1/5/21	1400			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

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Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-VA2-2111

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Test America Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021			
QUARTER: 1 - January			
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 16065	LAB CONTACT: 1 (912) 354-7858	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	Alkalinity (Total, Carbonate, and Bicarbonate) (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	GWVA2-2111	1/5/21	1035	6	–	3	–	3								
2	GWVA2-6111	1/5/21	1035	6	–	3	–	3								
3																
4																
5																
6																

TB2111- 01

SAMPLER(S): G. Bracht

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 3964

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
GINNY BRACHT	1/5/21	1400			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB2111-01

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Eurofins TestAmerica Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 18929	LAB CONTACT: 1 (912) 354-7858

YEAR: 2021
QUARTER: 1 - January

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (EPA Method 524.2)	BTEX (EPA Method 524.2)	BTEXN (EPA Method 524.2)	EDB (EPA Method 504.1)	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	Alkalinity (Total, Carbonate and Bicarbonate) (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	TB2111-01	1/5/21	1120	4	-	2	-	2								
2																
3																
4																
5																
6																

Associated with: GWVA2-2111-~~GA~~ GB

SAMPLER(S): G. Bracht

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 3964

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
GINNY BRACHT	1/5/21	1400			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB2111- 02

PROJECT NAME: **Kirtland AFB Bulk Fuels Facility**	PROJECT NUMBER: **62735DM02**	LABORATORY NAME AND CONTACT: **Eurofins TestAmerica Sample Receiving 5102 LaRoche Ave Savannah, GA 31404**	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 18929	LAB CONTACT: 1 (912) 354-7858

YEAR: 2021
QUARTER: 1 - January

ANALYSIS REQUIRED (Specify number of bottles)

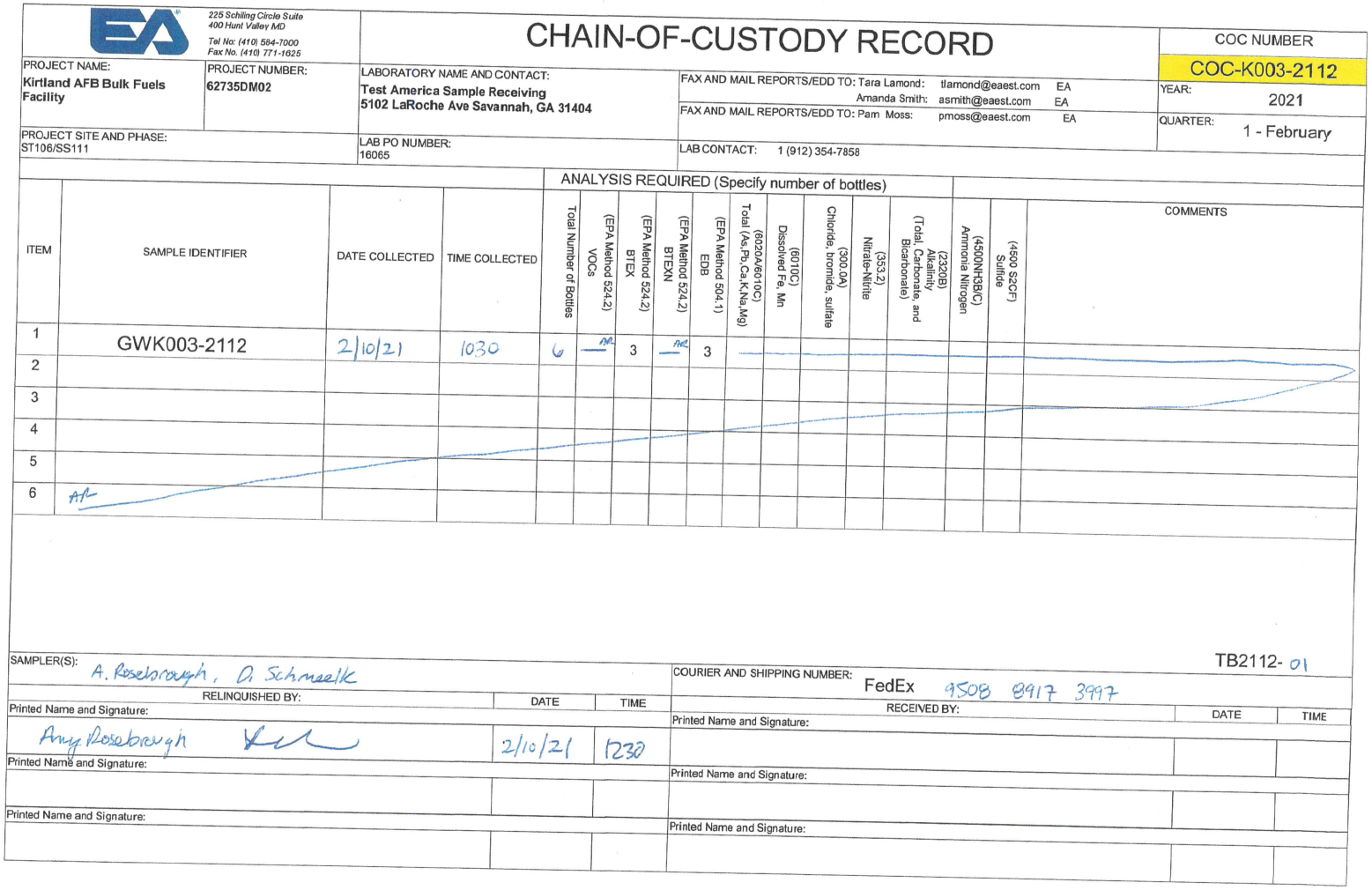
ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	Alkalinity (Total, Carbonate, and Bicarbonate) (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	TB2111- 02	1/5/21	1120	4	-	2	-	2								
2																
3																
4																
5																
6																

Associated with: GWK 003 - 2111
GWK 016 - 2111 + QB

SAMPLER(S): G. Bracht

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 3975

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: GINNY BRACHT	1/5/21	1400	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		



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CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-K003-2112

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Test America Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 16065	LAB CONTACT: 1 (912) 354-7858	FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA

YEAR: 2021
QUARTER: 1 - February

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	(2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	Ammonia Nitrogen (4500NH3B(C)	Sulfide (4500 S2CF)	COMMENTS
1	GWK003-2112	2/10/21	1030	6	—	3	—	3								
2																
3																
4																
5																
6																

TB2112- 01

SAMPLER(S): A. Rosebrough, A. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 3997

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME
Amy Rosebrough	2/10/21	1230
Printed Name and Signature:		
Printed Name and Signature:		

RECEIVED BY: Printed Name and Signature:	DATE	TIME
Printed Name and Signature:		
Printed Name and Signature:		

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-K015-2112

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Test America Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 16065	LAB CONTACT: 1 (912) 354-7858	FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA

YEAR: 2021
QUARTER: 1 - February

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (EPA Method 524.2)	BTEX (EPA Method 524.2)	BTEXN (EPA Method 524.2)	EDB (EPA Method 504.1)	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	Alkalinity (Total, Carbonate, and Bicarbonate) (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	GWK015-2112	2/10/2021	0935	10	—	3	—	3								Additional volume provided for MS/MSD analysis. AR
2																
3																
4																
5																
6																

TB2112-02 AR 01

SAMPLER(S): A. Roseborough, J. Schmeltz

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 3997

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
Amy Roseborough	2/10/2021	1230			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-K016-2112

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Test America Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 16065	LAB CONTACT: 1 (912) 354-7858

YEAR: 2021

QUARTER: 1 - February

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	Alkalinity (Total, Carbonate, and Bicarbonate) (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	GWK016-2112	2/10/21	0915	6	AR	3	AR	3								
2																
3																
4																
5																
6	AR															

TB2112- 01

SAMPLER(S): A. Rosebrough, D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 3997

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
Amy Rosebrough	2/10/21	1230			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB2112-01

PROJECT NAME: **Kirtland AFB Bulk Fuels Facility**	PROJECT NUMBER: **62735DM02**	LABORATORY NAME AND CONTACT: **Eurofins TestAmerica Sample Receiving 5102 LaRoche Ave Savannah, GA 31404**	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA; FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 18929	LAB CONTACT: 1 (912) 354-7858

YEAR: 2021
QUARTER: 1 - February

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0A) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	(4500NH3B/C) Ammonia Nitrogen	(4500 S2CF) Sulfide	COMMENTS
1	TB2112-01	2/10/21	1120	4	–	2	–	2								
2																
3																
4																
5																
6																

Associated with: GWK015-2112
GWK003-2112
GWK016-2112

SAMPLER(S): D. Schmelik, A. Roseborough

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 ~~4000~~ 3997

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Roseborough	2/10/21	1230	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

EA 225 Schilling Circle Suite 400 Hunt Valley MD Tel No: (410) 584-7000 Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-VA2-2113

PROJECT NAME: **Kirtland AFB Bulk Fuels Facility**	PROJECT NUMBER: **62735DM02**	LABORATORY NAME AND CONTACT: **Test America Sample Receiving 5102 LaRoche Ave Savannah, GA 31404**	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA; FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021	QUARTER: 1 - March		
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 16065	LAB CONTACT: 1 (912) 354-7858	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (EPA Method 524.2)	BTEX (EPA Method 524.2)	BTEXN (EPA Method 524.2)	EDB (EPA Method 504.1)	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	Alkalinity (Total, Carbonate, and Bicarbonate) (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	GWVA2-2113	03-09-21	1052	6	~	3	~	3								
2	GWVA2-6113	03-09-21	1052	6	~	3	~	3								
3																
4																
5																
6																

TB2113-

SAMPLER(S): D. Schweelk

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 4011

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
D. Schweelk	03-09-21	1500			

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-K016-2113

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Test America Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 16065	LAB CONTACT: 1 (912) 354-7858

YEAR: 2021
QUARTER: 1 - March

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	Alkalinity (Total, Carbonate, and Bicarbonate) (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	GWK016-2113	03-09-21	0906	6	-	3	-	3								
2																
3																
4																
5																
6																

TB2113- 1

SAMPLER(S): D. Schweelk

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 4011

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schweelk	03-09-21	1500	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-K003-2113

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Test America Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA; FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 16065	LAB CONTACT: 1 (912) 354-7858

YEAR: 2021

QUARTER: 1 - March

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (EPA Method 524.2)	BTEX (EPA Method 524.2)	BTEXN (EPA Method 524.2)	EDB (EPA Method 504.1)	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	Alkalinity (Total, Carbonate, and Bicarbonate) (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	GWK003-2113	03-09-21	0937	6	—	3	—	3								
2																
3																
4																
5																
6																

TB2113- 1

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 4011

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: D. Schmeelk	03-09-21	1500	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB2113 - 1

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Eurofins TestAmerica Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 18929	LAB CONTACT: 1 (912) 354-7858	YEAR: 2021; QUARTER: 1 - March

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	(Total, Carbonate, and Bicarbonate) Alkalinity (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	TB2113 - 1	03-09-2021	1100	4	—	2	—	2								
2																
3																
4																
5																
6																

03-09-2021

Associated with: GWK003-2113
GWK016-2113
GWVA2-2113
GWVA2-6113

SAMPLER(S): G. Begaye

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 4011

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
Galvadon Begaye	03-09-2021	1500			

APPENDIX F-1

Data Quality Evaluation Report – Drinking Water Supply Well Samples

(January–March 2021)

LIST OF ACRONYMS AND ABBREVIATIONS

%	percent
AFB	Air Force Base
BTEX	benzene, toluene, ethylbenzene, and xylenes
DL	detection limit
DoD	Department of Defense
EDB	ethylene dibromide
ELAP	Environmental Laboratory Accreditation Program
EPA	U.S. Environmental Protection Agency
ICP	inductively coupled plasma
LCS	laboratory control sample
LCSD	laboratory control sample duplicate
LOD	limit of detection
LOQ	limit of quantitation
MDL	method detection limit
MS	matrix spike
MSD	matrix spike duplicate
Q1	first quarter of the year (January 1 – March 31)
QAPjP	Quality Assurance Project Plan
QC	quality control
RL	reporting limit
RPD	relative percent different
SDG	sample delivery group
TA	Eurofins TestAmerica Laboratories, Inc.
VOA	volatile organic analysis
VOC	volatile organic compound

F-1.1 DATA QUALITY EVALUATION REPORT – DRINKING WATER SUPPLY WELL SAMPLES (JANUARY–MARCH 2021)

F-1.1.1 Laboratory Data Quality Summary

This Data Quality Evaluation Report describes the findings of the data validation performed for the analysis of drinking water supply well samples collected during January–March 2021 (quarter 1 [Q1]). These data were collected in support of the Work Plan for Vadose Zone Coring, Vapor Monitoring, and Water Supply Sampling, Bulk Fuels Facility, Solid Waste Management Units ST-106 and SS-111, Kirtland Air Force Base (AFB), New Mexico (Kirtland AFB, 2017). Sampling and analysis for the January–March 2021 events were conducted in accordance with the procedures and overall quality control (QC) and quality assurance protocols presented in the Work Plan and Quality Assurance Project Plan (QAPjP) for Bulk Fuels Facility Vadose Zone Treatability Studies, Solid Waste Management Units ST-106/SS-111, Kirtland AFB, New Mexico (Kirtland AFB, 2017).

Samples discussed in this report were collected on January 5, February 10, and March 9, 2021 in association with the Kirtland AFB drinking water supply wells KAFB-003, KAFB-015, and KAFB-016 and the Raymond G. Murphy Veterans Affairs Medical Center drinking water supply well ST106-VA2. Samples were not collected from well KAFB-015 during January and March since it was not operational during those events. A sample was also not collected at well ST106-VA2 in February due to access issues. Field QC samples were collected in association with the monthly sampling events and included two field duplicates at well ST106-VA2 and four trip blank samples.

Drinking water samples were shipped to Eurofins TestAmerica Laboratories, Inc. (TA), Savannah, Georgia for analysis. TA Savannah maintains current Department of Defense (DoD) Environmental Laboratory Accreditation Program (ELAP) certification to perform the analyses required for this project. Sample analyses were performed in accordance with the U.S. Environmental Protection Agency (EPA) Methods for the Determination of Organic Compounds in Drinking Water, 1988 and Supplements.

The January-March 2021 drinking water samples were analyzed for the following parameters and methods:

- ***Benzene, toluene, ethylbenzene, and total xylenes (BTEX)***—EPA Method 524.2
- ***Ethylene dibromide (EDB)***—EPA Method 504.1.

Chemical analytical data for the Q1 2021 events were reported by TA in sample delivery groups (SDGs) 680-193557-1, 680-195105-1, and 680-196031-1. Appendix F-1 – Table 1 summarizes samples collected from the production wells and the associated field QC samples, collection date, laboratory SDG, and analytical parameters for the monthly events.

A third-party subcontractor (Environmental Data Services, Inc.) conducted EPA Stage 3 data validation on 100 percent (%) of the TA sample data.

Analytical data validation was performed using the quality criteria specified in the following documents, analytical guidelines, and methods:

- Work Plan and QAPjP (Kirtland AFB, 2017)

- EPA Contract Laboratory Program, National Functional Guidelines for Superfund Organic Methods Data Review (EPA, 2014a)

- EPA Methods for the Determination of Organic Compounds in Drinking Water, 1988 and Supplements.

The following QC criteria were included in the EPA Stage 3 validation as applicable to the analytical method:

- Sample preservation and extraction and analysis holding times
- Laboratory method blank contamination
- Surrogate spike recoveries
- Laboratory control sample (LCS) and LCS duplicate (LCSD) recoveries
- Matrix spike (MS) and matrix spike duplicate (MSD) sample recoveries
- Relative percent difference (RPD)
- Initial and continuing calibrations
- Inductively coupled plasma (ICP) interference check sample (metals)
- ICP serial dilution (metals)
- Second column confirmation (for EDB analysis only)
- Trip blank results
- Field duplicate sample precision.

Analytical data were reviewed to evaluate precision, accuracy (bias), representativeness, comparability, completeness, and sensitivity as defined below:

- *Precision* is expressed as the RPD between the results of replicate sample analyses: sample duplicates, LCSDs, and MSDs. When analyte RPDs exceed the acceptance criteria, the data are qualified accordingly.

- *Accuracy (bias*) is demonstrated by recovery of target analytes from fortified blank and sample matrices, LCS/LCSD, and MS/MSD, respectively. For organic methods, bias is also demonstrated through recovery of surrogates from each field and QC sample. A comparison was made from the recovery of target analytes from fortified samples to the acceptance criteria defined in the QAPjP (Kirtland AFB, 2017). When the acceptance criteria are not available in the QAPjP, results are compared with the laboratory in-house control limits. When these criteria are not met, the data are qualified accordingly. Bias may be indicated as high or low.

- *Representativeness* of the samples submitted for analysis is ensured by adherence to standard sampling techniques and standard analytical method protocols.

- *Comparability* of sample results is ensured through the use of approved sampling and analysis methods and comparison of sample results to historical sample data.

- *Completeness* of data is evaluated based on contractual, analytical, and technical completeness for the monthly supply well data. Technical completeness of data is used to assess overall project completeness and is expressed as a percentage of the ratio of the number of usable data results to the total number of analytical data results. Only rejected data (R-qualified) are considered not usable to achieve project objectives.

- *Sensitivity* for the BTEX and EDB is determined by the ability to achieve the established method specific reporting limits (RLs) in accordance with the method detection limit (MDL) study and includes establishing the MDL. The MDL and RL for EPA drinking water methods are similar to the DoD detection limit (DL) and limit of quantitation (LOQ), respectively. For this project, the laboratory will report positive results to the MDL and results between the MDL and RL will be flagged with a J-qualifier and reported as estimated data. Sensitivity is evaluated based on comparison of the sample RLs to the project screening levels.

The following sections present the data validation findings for the Q1 2021 monthly drinking water supply well data. Appendix F-1 – Table 2 presents the data qualification flags and reason codes to be applied to analytical data, if required.

F-1.2 DATA QUALITY FINDINGS

F-1.2.1 Sample Preservation and Sample Extraction and Analysis Holding Times (Reason Code HT)

The sample coolers and samples contained within the coolers were received intact at the laboratories below 6 degrees Celsius, per EPA guidelines. All samples were preserved appropriately per the requirements of EPA method guidelines with exception of trip blank sample TB2111-01 which was noted to have a pH greater than 2 when checked by the laboratory.

Sample holding times were evaluated by comparing the (1) sample collection date to the sample extraction date, and (2) extraction date to the analysis date to determine if the method-specified holding times were exceeded. Sample extraction and analysis holding times were met for all samples for Q1 2021 with exception of the trip blank sample noted above which was analyzed two hours outside of the 7 day hold time for unpreserved samples. Professional judgement was used to not qualify the trip blank BTEX results based on the 2-hour exceedance.

F-1.2.2 Laboratory Method Blanks (Reason Code MB)

The drinking water supply sample results were evaluated with respect to the laboratory method blank prepared and analyzed for each analytical batch for each analytical method. No detections of analytes were reported in method blank samples for the water supply well samples.

F-1.2.3 Initial and Continuing Calibration Blanks (Reason Code CB/CCB)

Initial and continuing calibration blank criteria were reviewed to ensure that the instruments were free of contamination prior to sample analysis. Calibration blank concentrations are considered acceptable when contaminant levels in the blank are less than one-half the RL or LOQ for target analytes and less than the RL or LOQ for common laboratory contaminants. Initial and continuing calibration blank data were within control criteria for the drinking water supply sample analyses.

F-1.2.4 Surrogate Recoveries (Reason Code SURR)

Surrogate compounds are added to field and laboratory QC samples for organic analysis to evaluate the matrix effect and method performance on an individual sample basis. All surrogate compound recoveries for the drinking water supply well sample data were within method control criteria with the exception of

the EDB surrogate for sample GWVA2-6113 which was above the control limit however, there was no detection of EDB in the sample. No data were qualified based on surrogate recovery.

F-1.2.5 Laboratory Control Sample/Laboratory Control Sample Duplicate Recoveries and Precision (Reason Codes LCS/RPD)

The LCS is an aliquot of an analyte-free matrix spiked with target analytes that are prepared with each analytical batch for each analytical method. The recovery of target analytes from the LCS analysis is a measurement of method performance in an interference-free sample matrix. All LCS recoveries for the drinking water supply well data were within method control limits, and no sample data were qualified based on LCS recoveries.

F-1.2.6 Matrix Spike/Matrix Spike Duplicate Recoveries and Precision (Reason Codes MS/MSD and RPD)

The MS and MSD samples are a portion of a field sample or a standard reference material spiked with target analytes that are prepared with each analytical batch and method as appropriate. The MS/MSD results are used to evaluate any bias introduced to the method due to matrix interference, and to measure bias and precision for each analytical batch.

One MS/MSD was collected during the February 2021 sampling event to achieve the requirement of one per 20 samples for the monthly monitoring program. MS/MSD recoveries were within control limits or did not result in data qualification based on the associated sample results. No data were qualified based on MS/MSD recoveries for the Q1 2021 events.

F-1.2.7 Initial and Continuing Calibration Verification (Reason Code CCV)

Instrument calibration is performed for all analyses in accordance with method requirements. The linear analytical range is established for each method by analysis of calibration standards prepared at increasing concentrations that cover the expected sample concentration range. The acceptability of the initial calibration is determined by calculation of a percent relative standard deviation or coefficient. The stability of the analytical system is monitored by analysis of continuing calibration standards at concentrations near the mid-point of the instrument calibration range. The percent difference values between the relative response factor in the initial calibration and the relative response factor in the continuing calibration are reviewed to ensure instrument calibration criteria are within method control limits. Initial and continuing calibration verification met the method-specific control criteria for monthly drinking water supply well analytical data.

F-1.2.8 Sample Confirmation (Reason Code RPD)

As required by EPA analytical method guidance, sample detections for EDB require confirmation using a second column analysis. No EDB sample detections were reported for the drinking water supply well samples analyzed using EPA Method 504.1 and, therefore, second column confirmation was not evaluated for the samples.

F-1.2.9 Trip Blanks for Volatile Organic Compounds (Reason Code TB)

Trip blank samples were prepared by the laboratory and stored with the groundwater samples collected for volatile organic compound (VOC) analyses (BTEX and EDB). In accordance with the QAPjP requirements, trip blank samples are to be included at a rate of one per cooler when sampling groundwater samples for VOC analysis. A trip blank sample was included with each drinking water supply well sample shipment. No detections of VOCs were reported in trip blank samples. Appendix F-1 – Table 3 summarizes the results for trip blank samples associated with the drinking water supply well samples.

F-1.2.10 Equipment Rinse Blanks (Reason Code EB)

No equipment rinse blank samples are required to be collected in conjunction with the water supply well samples since samples are collected directly from a designated sampling port using dedicated sampling equipment.

F-1.2.11 Field Duplicate Samples

In accordance with the project QAPjP requirements (Kirtland AFB, 2017), field duplicate samples are collected at a frequency of one field duplicate for every 10 monthly samples collected (10%). For the Q1 2021 sampling events, one field duplicate sample was collected in association with the drinking water supply wells for each of the January and March events and analyzed for BTEX and EDB. The field duplicate sample frequency for the Q1 2021 sampling was achieved.

For field duplicate samples, RPD was evaluated by calculating the RPD between the parent sample and the duplicate sample. The RPD was calculated using the following equation:

$$RPD = |(S-D)/[(S+D)/2]| \times 100$$

where

S = Sample result.
D = Duplicate result.

Acceptable precision control criteria are established at less than or equal to 35% for water samples. The RPD was calculated between pairs of field duplicate samples when both results are reported at or above the RL for BTEX and EDB. The results for the drinking water supply well and associated field duplicate samples are provided in Appendix F-1 – Table 4. All field duplicate results are non-detect for the Q1 2021 events.

F-1.2.12 Professional Judgement

Professional judgement may be applied by a third-party data validation subcontractor or the project chemist during the data review process to apply validation qualifiers based on site-specific and project-specific knowledge, historical data, comparability of data, and analytical expertise. Professional judgement was applied for the January sampling event to not qualify the trip blank results associated with the 2-hour hold time exceedance. Professional judgement was not used to apply additional data qualifiers for any other Q1 2021 data.

F-1.2.13 Analytical Deviations

No analytical deviations were noted for the Q1 2021 events. As stated in Section F-1.1.1, samples were analyzed for the required drinking water parameters and per the appropriate analytical methods and requirements.

F-1.3 COMPLETENESS

The following sections present a discussion of contractual, analytical, and technical completeness for the monthly drinking water supply well analytical data completeness.

F-1.3.1 Contractual Completeness

Contractual completeness is a quantitative determination of the number of unqualified results compared to the total number of sample results expressed as a percentage, based on data qualified for QC outliers related to analytical method performance. These include data qualified for calibration or method blank contamination, missed holding times, LCS recovery, and/or precision. The contractual completeness goal is 95% per each event. Contractual completeness was calculated as follows:

$$\text{Percent Contractual Completeness} = \frac{\text{Number of Unqualified Results}}{\text{Total Number of Results}} \times 100$$

For the monthly drinking water supply well sample results, the contractual completeness was 100% for all analytical methods. The 95% contractual completeness objective was achieved for all of the methods for the Q1 2021 sampling events.

F-1.3.2 Analytical Completeness

Analytical completeness is a quantitative measure of the number of unqualified data results compared to the total number of results expressed as a percentage, based on the target analytes qualified for exceedances of QC requirements from calibration, LCS, MS/MSD, surrogate, method precision, and laboratory method blank contamination results. The analytical completeness goal is 90% for the project. Analytical completeness was calculated as follows:

$$\text{Percent Analytical Completeness} = \frac{\text{Number of Unqualified Results}}{\text{Total Number of Results}} \times 100 =$$

Analytical completeness for Q1 2021 is 100%.

F-1.3.3 Technical Completeness

Technical completeness is a quantitative measure of the data usability based on the number of rejected data compared to the total number of sample results. The technical completeness goal for each method is equal to or greater than 95%. The technical completeness calculation considers all data that are not rejected (R-qualified) to be usable data to achieve project objectives. The technical completeness was calculated as follows:

$$\text{Percent Technical Completeness} = \frac{\text{Number of Usable Results}}{\text{Total Number of Results}} \times 100$$

The project data quality objectives were achieved for all methods and samples for the monthly drinking water supply well sampling events. The technical completeness for the Q1 2021 data is 100%. Technical completeness is provided in Appendix F-1 – Table 5.

F-1.4 DATA ANALYSIS COMPLETENESS

As a part of the data review process, chain-of-custody forms and project data deliverables are reviewed against the project requirements in the Work Plan (Kirtland AFB, 2017) to ensure compliance with the sampling plan and that analytical results were reported for all planned methods and samples. Data completeness for the Q1 2021 drinking water supply well data deliverables was determined to be 100% complete. Analytical data packages are provided in Appendix F-2.

F-1.5 REPRESENTATIVENESS AND COMPARABILITY

Monthly drinking water supply well sampling was conducted in accordance with the sampling and analysis protocols and standard operating procedures documented in the Work Plan and QAPP (Kirtland AFB, 2017). Approved procedures were used to collect, preserve, document, and ship samples to TA Savannah, thus ensuring the samples collected were representative of the drinking water supply wells.

Water samples for BTEX and EDB were collected in 40-milliliter volatile organic analysis (VOA) vials preserved with ascorbic acid and hydrochloric acid (BTEX) and sodium thiosulfate (EDB), and received at TA Savannah at less than 6 degrees Celsius. Samples received in VOA vials were inspected to evaluate the presence or absence of any headspace (estimated in millimeters) and documented as sample condition on the laboratory sample receipt report. No VOA vials presented headspace greater than 6 millimeters for the monthly drinking water supply well samples.

The TA Savannah laboratory maintains current DoD ELAP certification and adhered to the analytical methods documented in the project QAPjP to prepare and analyze samples and report the data. The certification ensures the comparability of the analytical results between different samples and different sampling events.

EPA Stage 3 validation was performed on 100% of the analytical data to verify that the laboratory complied with the project QAPjP and method requirements. QC results that exceeded method control criteria resulted in data qualification as presented in the previous sections. Based on a review of the completed sample collection logs, chain-of-custody forms, sample receipt forms, and laboratory data packages, the analytical data reported for the monthly drinking water supply well sampling achieved the project data representativeness and comparability requirements.

F-1.6 SENSITIVITY

Data sensitivity for the monthly drinking water supply well analytical data was achieved by complying with the analytical method guidelines and RLs specified in the project QAPjP. The analytical methods used for supply well sample analysis achieved the EPA Maximum Contaminant Level screening value. Project screening levels are presented in the QAPjP, Attachment 1, Table 1-1a and in the QAPP Worksheet 15. For the monthly drinking water supply well analytical results, non-detect analytes are reported at the method RL (BTEX and EDB) and flagged "U." Detections of target analytes below the method RL or LOQ are flagged "J" as estimated values per the project requirements.

F-1.7 CONCLUSIONS

The analytical data reported for the monthly drinking water supply well samples have been reviewed for precision, accuracy (bias), representativeness, comparability, completeness, and sensitivity. No data quality criteria exceedances were noted for the Q1 2021 data that resulted in data qualification. The 95% technical completeness goal was achieved for all analytical methods for the Q1 2021 sampling event. All data are usable to achieve the project data quality objectives.

F-1.8 REFERENCES

Kirtland Air Force Base. 2017. *Work Plan for Vadose Zone Coring, Vapor Monitoring, and Water Supply Sampling, Bulk Fuels Facility, Solid Waste Management Units ST-106 and SS-111, Kirtland Air Force Base, Albuquerque, New Mexico*. Prepared for U.S. Army Corps of Engineers–Albuquerque District under Contract W9128F-13-D-0006 DM02. December.

U.S. Environmental Protection Agency (EPA). 1988. *EPA Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039 and Supplements.* December.

____. 2014. *EPA Contract Laboratory Program, National Functional Guidelines for Superfund Organic Methods Data Review, EPA-540-R-014-002*. Office of Superfund Remediation and Technology Innovation. August.

TABLES

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Table F-2-5	Technical Data Completeness, Q1 2021

Table F-1-1
Production Well Sample Collection Summary, Q1 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Delivery Group	Analytical Parameter[a]	Comments
KAFB-003	GWK003-2111	1/5/2021	680-193557-1	EDB, BTEX	—
KAFB-016	GWK016-2111	1/5/2021	680-193557-1	EDB, BTEX	—
ST106-VA2	GWVA2-2111	1/5/2021	680-193557-1	EDB, BTEX	—
ST106-VA2	GWVA2-6111	1/5/2021	680-193557-1	EDB, BTEX	Field Duplicate
Trip Blank	TB2111-01	1/5/2021	680-193557-1	EDB, BTEX	—
Trip Blank	TB2111-02	1/5/2021	680-193557-1	EDB, BTEX	—
KAFB-003	GWK003-2112	2/10/2021	680-195105-1	EDB, BTEX	—
KAFB-015	GWK015-2112	2/10/2021	680-195105-1	EDB, BTEX	MS/MSD
KAFB-016	GWK016-2112	2/10/2021	680-195105-1	EDB, BTEX	—
Trip Blank	TB2112-01	2/10/2021	680-195105-1	EDB, BTEX	—
KAFB-003	GWK003-2113	3/9/2021	680-196031-1	EDB, BTEX	—
KAFB-016	GWK016-2113	3/9/2021	680-196031-1	EDB, BTEX	—
ST106-VA2	GWVA2-2113	3/9/2021	680-196031-1	EDB, BTEX	—
ST106-VA2	GWVA2-6113	3/9/2021	680-196031-1	EDB, BTEX	Field Duplicate
Trip Blank	TB2113-1	3/9/2021	680-196031-1	EDB, BTEX	—

[a]Analytical methods include: Method E524.2 for BTEX and Method E504.1 for EDB.
— = no comments
BTEX = benzene, toluene, ethylbenzene, xylenes
EDB = ethylene dibromide
ID = identification
MS = matrix spike
MSD = matrix spike duplicate
Q1 = first quarter

Table F-1-2
Data Qualification Flags and Reason Codes

Data Qualifier Definitions for Data Validation

Qualifier	Definition
	No Qualifier indicates that the data are acceptable both qualitatively and quantitatively.
U	The analyte was analyzed for but was not detected above the detection limit. The value associated with the U-qualifier is the limit of detection.
J	The analyte was analyzed for and was positively identified, but the reported numerical value may not be consistent with the amount actually present in the environmental sample. Results are estimated, although the data are considered usable and may be used as appropriate to meet project objectives. Results are qualitatively acceptable and quantitatively uncertain.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The analyte was analyzed for, but the presence or absence of the analyte has not been verified. Re-sampling and re-analysis may be necessary to confirm or deny the presence of the analyte. Results are rejected, and data are unusable for any purposes.
X	The sample results were affected by serious deficiencies in the ability to analyze the sample and to meet published method and project QC criteria. The presence or absence of the analyte cannot be substantiated by the data provided. Acceptance or rejection of the data should be decided by the project team (includes project chemist).

Reason Codes for Data Validation

Reason Code	Description
CB/CCB	Calibration blank or continuing calibration blank outside of control limits
CCV	Calibration verification outside of control limits
EB	Equipment rinse blank contamination
FB	Field blank contamination
FD	Field duplicate sample results out of control criteria
HT	Holding time exceedance
ICS	Interference check sample
LCS	Laboratory control sample recovery out of control criteria
MB	Method blank contamination
MS/MSD	Matrix spike/ matrix spike duplicate recovery outside of control criteria
RPD	Relative percent difference outside of control limits
SD	Inductively Coupled Plasma serial dilution out of control criteria
SURR	Surrogate recovery outside of control limits
TB	Trip blank contamination

Table F-1-3
Field Quality Control Sample Results, Q1 2021

			Field Sample ID:			TB2111-02			TB2112-01			TB2113-1		
			Sample Date:			1/5/2021			2/10/2021			3/9/2021		
			Sample Type:			TB			TB			TB		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOQ**	**Result**	**Val Qual**	**LOQ**	**Result**	**Val Qual**	**LOQ**	**Result**	**Val Qual**	**LOQ**
EDB	Method EPA 504.1 (µg/L)	1,2-Dibromoethane	ND	U	0.018	ND	U	0.018	ND	U	0.018	ND	U	0.018
VOCs	Method EPA 524.2 (µg/L)	Benzene	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Ethylbenzene	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Toluene	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Xylenes, Total	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5

µg/L = microgram per liter
EDB = 1,2-dibromoethane (ethylene dibromide)
ID = identification
LOQ = Limit of quantitation (method reporting limit).
ND = not detected
TB = trip blank
Q1 = first quarter
Val Qual = validation qualifier
VOC = volatile organic compound
Qualifiers:
Val Quals based on independent data validation
U = Qualifier denotes the analyte was analyzed but not detected above the method detection limit. The value associated with the U-qualifier is the LOQ.

Table F-1-4
Field Duplicate Sample Results, Q1 2021

		Location ID:	ST106-VA2			ST106-VA2			ST106-VA2			ST106-VA2		
		Field Sample ID:	GWVA2-2111			GWVA2-6111			GWVA2-2113			GWVA2-6113		
		Sample Date:	1/5/2021			1/5/2021			3/9/2021			3/9/2021		
		Sample Type:	REG			Field Duplicate			REG			Field Duplicate		
Parameter	**Analytical Method**	**Analyte**	**EPA MCL[a]**	**Result**	**Val Qual**	**LOQ**	**Result**	**Val Qual**	**LOQ**	**Result**	**Val Qual**	**LOQ**	**Result**	**Val Qual**	**LOQ**
EDB	Method E504.1 (µg/L)	1,2-Dibromoethane	0.05	ND	U	0.018	ND	U	0.018	ND	U	0.017	ND	U	0.017
BTEX	Method E524.2 (µg/L)	Benzene	5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Ethylbenzene	700	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Toluene	1,000	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Xylenes, total	10,000	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5

Notes:

[a] EPA National Primary Drinking Water Regulations, MCLs and Secondary MCLs, Title 40CFR Part 141, 143 (May 2018).

µg/L = micrograms per liter

BTEX = benzene, toluene, ethylbenzene, and total xylenes

EDB = 1,2-dibromoethane (ethylene dibromide)

EPA = U.S. Environmental Protection Agency

ID = identification

LOQ = Limit of quantitation (method reporting limit).

MCL = maximum contaminant level

ND = not detected

Q1 = first quarter

REG = normal field sample

Val Qual = validation qualifier

VOC = volatile organic compound

Qualifiers:

Val Quals based on independent data validation

U = Qualifier denotes the analyte was analyzed but not detected above the method detection limit. The value associated with the U-qualifier is the LOQ.

Table F-1-5
Technical Data Completeness - Groundwater, Q1 2021

Analytical Parameter	Field/Field Duplicate Sample Analytes	Quality Control Sample Analytes (TB)	Qualified Analytes	Percent Technical Completeness[a]
BTEX (E524.2)[b]	44	16	0	100
EDB (E504)	11	4	0	100

[a] Percent technical completeness including analytes qualified as estimated data. No data were rejected.

[b] Samples were analyzed for benzene, toluene, ethylbenzene, and total xylenes.

BTEX = benzene, toluene, ethylbenzene, total xylenes

EDB = 1,2-dibromoethane (ethylene dibromide)

Q1 = first quarter

TB = trip blank

Appendix F-2

Data Packages - Drinking Water Supply Well Samples

(January-March 2021)

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-193557-1
Client Project/Site: Production/Irrigation Well, Kirtland AFB

For:
EA Engineering, Science, and Technology
7995 E. Prentice Ave, Suite 206E
Greenwood Village, Colorado 80111

Attn: Pamela J Moss

Authorized for release by:
1/13/2021 5:27:23 PM

Dylan Bieniulis, Project Manager I
(303)736-0138
Dylan.Bieniulis@Eurofinset.com

LINKS

Review your project results through TotalAccess

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 680-193557-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: EA Engineering, Science, and Technology
Job ID: 680-193557-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
680-193557-1	GWK003-2111	Water	01/05/21 09:37	01/06/21 09:50	
680-193557-2	GWK016-2111	Water	01/05/21 09:10	01/06/21 09:50	
680-193557-3	TB2111-02	Water	01/05/21 11:20	01/06/21 09:50	
680-193560-1	GWVA2-2111	Water	01/05/21 10:35	01/06/21 09:50	
680-193560-2	GWVA2-6111	Water	01/05/21 10:35	01/06/21 09:50	
680-193560-3	TB2111-01	Water	01/05/21 11:20	01/06/21 09:50	

Case Narrative

Client: EA Engineering, Science, and Technology
Job ID: 680-193557-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-193557-1

Laboratory: Eurofins TestAmerica, Savannah

Narrative

CASE NARRATIVE

Client: EA Engineering, Science, and Technology

Project: Production/Irrigation Well, Kirtland AFB

Report Number: 680-193557-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 01/06/2021; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.6 and 2.6 C.

Samples logged under laboratory login numbers 680-193557-1 and 680-193560-1 were combined into a single laboratory sample delivery group (SDG) for reporting as the samples are from the same client project site and were received at the laboratory on the same date.

DRINKING WATER VOLATILES (GC-MS)
Samples GWK003-2111 (680-193557-1), GWVA2-2111 (680-193560-1), GWK016-2111 (680-193557-2), GWVA2-6111 (680-193560-2), TB2111-02 (680-193557-3) and TB2111-01 (680-193560-3) were analyzed for drinking water volatiles (GC-MS) in accordance with EPA Method 524.2. The samples were analyzed on 01/11/2021 and 01/12/2021.

The following sample was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed outside the 24-hour holding time specified for unpreserved samples: TB2111-01 (680-193560-3).

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

EDB
Samples GWK003-2111 (680-193557-1), GWVA2-2111 (680-193560-1), GWK016-2111 (680-193557-2), GWVA2-6111 (680-193560-2), TB2111-02 (680-193557-3) and TB2111-01 (680-193560-3) were analyzed for EDB in accordance with EPA Method 504.1. The samples were prepared and analyzed on 01/09/2021 and 01/11/2021.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 680-193557-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Client Sample ID: GWK003-2111
Lab Sample ID: 680-193557-1
Date Collected: 01/05/21 09:37
Matrix: Water
Date Received: 01/06/21 09:50

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			01/11/21 19:08	1
Ethylbenzene	ND		0.50	0.099	ug/L			01/11/21 19:08	1
Toluene	ND		0.50	0.086	ug/L			01/11/21 19:08	1
Xylenes, Total	ND		0.50	0.086	ug/L			01/11/21 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*106*		*70 - 130*		*01/11/21 19:08*	*1*
4-Bromofluorobenzene	*89*		*70 - 130*		*01/11/21 19:08*	*1*

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.018	0.0025	ug/L		01/09/21 11:22	01/09/21 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*109*		*70 - 130*	*01/09/21 11:22*	*01/09/21 14:08*	*1*

Client Sample ID: GWK016-2111
Lab Sample ID: 680-193557-2
Date Collected: 01/05/21 09:10
Matrix: Water
Date Received: 01/06/21 09:50

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			01/11/21 19:34	1
Ethylbenzene	ND		0.50	0.099	ug/L			01/11/21 19:34	1
Toluene	ND		0.50	0.086	ug/L			01/11/21 19:34	1
Xylenes, Total	ND		0.50	0.086	ug/L			01/11/21 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*107*		*70 - 130*		*01/11/21 19:34*	*1*
4-Bromofluorobenzene	*89*		*70 - 130*		*01/11/21 19:34*	*1*

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.018	0.0025	ug/L		01/09/21 11:22	01/09/21 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*112*		*70 - 130*	*01/09/21 11:22*	*01/09/21 14:28*	*1*

Client Sample ID: TB2111-02
Lab Sample ID: 680-193557-3
Date Collected: 01/05/21 11:20
Matrix: Water
Date Received: 01/06/21 09:50

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			01/12/21 13:18	1
Ethylbenzene	ND		0.50	0.099	ug/L			01/12/21 13:18	1
Toluene	ND		0.50	0.086	ug/L			01/12/21 13:18	1
Xylenes, Total	ND		0.50	0.086	ug/L			01/12/21 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*107*		*70 - 130*		*01/12/21 13:18*	*1*
4-Bromofluorobenzene	*92*		*70 - 130*		*01/12/21 13:18*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 680-193557-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Client Sample ID: TB2111-02
Lab Sample ID: 680-193557-3
Date Collected: 01/05/21 11:20
Matrix: Water
Date Received: 01/06/21 09:50

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.018	0.0025	ug/L		01/09/21 11:22	01/09/21 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*108*		*70 - 130*	*01/09/21 11:22*	*01/09/21 14:57*	*1*

Client Sample ID: GWVA2-2111
Lab Sample ID: 680-193560-1
Date Collected: 01/05/21 10:35
Matrix: Water
Date Received: 01/06/21 09:50

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			01/11/21 20:00	1
Ethylbenzene	ND		0.50	0.099	ug/L			01/11/21 20:00	1
Toluene	ND		0.50	0.086	ug/L			01/11/21 20:00	1
Xylenes, Total	ND		0.50	0.086	ug/L			01/11/21 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*99*		*70 - 130*		*01/11/21 20:00*	*1*
4-Bromofluorobenzene	*87*		*70 - 130*		*01/11/21 20:00*	*1*

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.018	0.0025	ug/L		01/11/21 14:44	01/11/21 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*96*		*70 - 130*	*01/11/21 14:44*	*01/11/21 17:15*	*1*

Client Sample ID: GWVA2-6111
Lab Sample ID: 680-193560-2
Date Collected: 01/05/21 10:35
Matrix: Water
Date Received: 01/06/21 09:50

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			01/11/21 20:26	1
Ethylbenzene	ND		0.50	0.099	ug/L			01/11/21 20:26	1
Toluene	ND		0.50	0.086	ug/L			01/11/21 20:26	1
Xylenes, Total	ND		0.50	0.086	ug/L			01/11/21 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*106*		*70 - 130*		*01/11/21 20:26*	*1*
4-Bromofluorobenzene	*91*		*70 - 130*		*01/11/21 20:26*	*1*

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.018	0.0025	ug/L		01/11/21 14:44	01/11/21 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*96*		*70 - 130*	*01/11/21 14:44*	*01/11/21 17:45*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 680-193557-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Client Sample ID: TB2111-01
Lab Sample ID: 680-193560-3
Date Collected: 01/05/21 11:20
Matrix: Water
Date Received: 01/06/21 09:50

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	H	0.50	0.082	ug/L			01/12/21 13:44	1
Ethylbenzene	ND	H	0.50	0.099	ug/L			01/12/21 13:44	1
Toluene	ND	H	0.50	0.086	ug/L			01/12/21 13:44	1
Xylenes, Total	ND	H	0.50	0.086	ug/L			01/12/21 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*107*		*70 - 130*		*01/12/21 13:44*	*1*
4-Bromofluorobenzene	*93*		*70 - 130*		*01/12/21 13:44*	*1*

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.018	0.0025	ug/L		01/11/21 14:44	01/11/21 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*93*		*70 - 130*	*01/11/21 14:44*	*01/11/21 18:04*	*1*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-193557-1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-651694/9
Matrix: Water
Analysis Batch: 651694

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			01/11/21 13:02	1
Ethylbenzene	ND		0.50	0.099	ug/L			01/11/21 13:02	1
Toluene	ND		0.50	0.086	ug/L			01/11/21 13:02	1
Xylenes, Total	ND		0.50	0.086	ug/L			01/11/21 13:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*105*		*70 - 130*		*01/11/21 13:02*	*1*
4-Bromofluorobenzene	*88*		*70 - 130*		*01/11/21 13:02*	*1*

Lab Sample ID: LCS 680-651694/4
Matrix: Water
Analysis Batch: 651694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	19.8		ug/L		99	70 - 130
Ethylbenzene	20.0	19.9		ug/L		99	70 - 130
Toluene	20.0	19.6		ug/L		98	70 - 130
Xylenes, Total	40.0	41.0		ug/L		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4 (Surr)	*105*		*70 - 130*
4-Bromofluorobenzene	*99*		*70 - 130*

Lab Sample ID: LCSD 680-651694/5
Matrix: Water
Analysis Batch: 651694

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	20.0	19.9		ug/L		100	70 - 130	1	20
Ethylbenzene	20.0	19.1		ug/L		95	70 - 130	4	20
Toluene	20.0	19.7		ug/L		99	70 - 130	0	20
Xylenes, Total	40.0	38.9		ug/L		97	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichlorobenzene-d4 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene	*94*		*70 - 130*

Lab Sample ID: MB 680-651786/9
Matrix: Water
Analysis Batch: 651786

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			01/12/21 12:51	1
Ethylbenzene	ND		0.50	0.099	ug/L			01/12/21 12:51	1
Toluene	ND		0.50	0.086	ug/L			01/12/21 12:51	1
Xylenes, Total	ND		0.50	0.086	ug/L			01/12/21 12:51	1

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-193557-1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-651786/9
Matrix: Water
Analysis Batch: 651786

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4 (Surr)	98		70 - 130		01/12/21 12:51	1
4-Bromofluorobenzene	89		70 - 130		01/12/21 12:51	1

Lab Sample ID: LCS 680-651786/4
Matrix: Water
Analysis Batch: 651786

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			20.0	19.8		ug/L		99	70 - 130		
Ethylbenzene			20.0	19.9		ug/L		100	70 - 130		
Toluene			20.0	19.9		ug/L		100	70 - 130		
Xylenes, Total			40.0	40.3		ug/L		101	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichlorobenzene-d4 (Surr)	109		70 - 130
4-Bromofluorobenzene	99		70 - 130

Lab Sample ID: LCSD 680-651786/5
Matrix: Water
Analysis Batch: 651786

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			20.0	20.3		ug/L		102	70 - 130	3	20
Ethylbenzene			20.0	20.4		ug/L		102	70 - 130	2	20
Toluene			20.0	19.8		ug/L		99	70 - 130	1	20
Xylenes, Total			40.0	42.4		ug/L		106	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichlorobenzene-d4 (Surr)	105		70 - 130
4-Bromofluorobenzene	94		70 - 130

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Lab Sample ID: MB 680-651653/3-A
Matrix: Water
Analysis Batch: 651654

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 651653

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.018	0.0025	ug/L		01/09/21 11:22	01/09/21 13:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	111		70 - 130	01/09/21 11:22	01/09/21 13:28	1

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-193557-1

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 680-651653/4-A
Matrix: Water
Analysis Batch: 651654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 651653

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide			0.100	0.108		ug/L		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Pentachloroethane	*111*		*70 - 130*

Lab Sample ID: LCSD 680-651653/5-A
Matrix: Water
Analysis Batch: 651654

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 651653

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide			0.100	0.108		ug/L		108	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Pentachloroethane	*116*		*70 - 130*

Lab Sample ID: 680-193557-1 MS
Matrix: Water
Analysis Batch: 651654

Client Sample ID: GWK003-2111
Prep Type: Total/NA
Prep Batch: 651653

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide	ND		0.0986	0.106		ug/L		107	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Pentachloroethane	*110*		*70 - 130*

Lab Sample ID: 680-193557-2 MS
Matrix: Water
Analysis Batch: 651654

Client Sample ID: GWK016-2111
Prep Type: Total/NA
Prep Batch: 651653

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide	ND		0.100	0.105		ug/L		105	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Pentachloroethane	*114*		*70 - 130*

Lab Sample ID: 680-193557-2 MSD
Matrix: Water
Analysis Batch: 651654

Client Sample ID: GWK016-2111
Prep Type: Total/NA
Prep Batch: 651653

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide	ND		0.100	0.101		ug/L		101	70 - 130	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Pentachloroethane	*111*		*70 - 130*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-193557-1

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: MB 680-651760/3-A
Matrix: Water
Analysis Batch: 651766

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 651760

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.018	0.0025	ug/L		01/11/21 14:44	01/11/21 16:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*95*		*70 - 130*	*01/11/21 14:44*	*01/11/21 16:35*	*1*

Lab Sample ID: LCS 680-651760/4-A
Matrix: Water
Analysis Batch: 651766

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 651760

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	0.100	0.118		ug/L		118	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Pentachloroethane	*92*		*70 - 130*

Lab Sample ID: LCSD 680-651760/5-A
Matrix: Water
Analysis Batch: 651766

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 651760

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide	0.100	0.117		ug/L		117	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Pentachloroethane	*94*		*70 - 130*

Lab Sample ID: 680-193560-1 MS
Matrix: Water
Analysis Batch: 651766

Client Sample ID: GWVA2-2111
Prep Type: Total/NA
Prep Batch: 651760

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	ND		0.0975	0.109		ug/L		112	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Pentachloroethane	*92*		*70 - 130*

Lab Sample ID: 680-193560-1 MSD
Matrix: Water
Analysis Batch: 651766

Client Sample ID: GWVA2-2111
Prep Type: Total/NA
Prep Batch: 651760

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide	ND		0.0986	0.106		ug/L		108	70 - 130	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Pentachloroethane	*94*		*70 - 130*

QC Association Summary

Client: EA Engineering, Science, and Technology
Job ID: 680-193557-1
Project/Site: Production/Irrigation Well, Kirtland AFB

GC/MS VOA

Analysis Batch: 651694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-193557-1	GWK003-2111	Total/NA	Water	524.2	
680-193557-2	GWK016-2111	Total/NA	Water	524.2	
680-193560-1	GWVA2-2111	Total/NA	Water	524.2	
680-193560-2	GWVA2-6111	Total/NA	Water	524.2	
MB 680-651694/9	Method Blank	Total/NA	Water	524.2	
LCS 680-651694/4	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-651694/5	Lab Control Sample Dup	Total/NA	Water	524.2	

Analysis Batch: 651786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-193557-3	TB2111-02	Total/NA	Water	524.2	
680-193560-3	TB2111-01	Total/NA	Water	524.2	
MB 680-651786/9	Method Blank	Total/NA	Water	524.2	
LCS 680-651786/4	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-651786/5	Lab Control Sample Dup	Total/NA	Water	524.2	

GC Semi VOA

Prep Batch: 651653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-193557-1	GWK003-2111	Total/NA	Water	504.1	
680-193557-2	GWK016-2111	Total/NA	Water	504.1	
680-193557-3	TB2111-02	Total/NA	Water	504.1	
MB 680-651653/3-A	Method Blank	Total/NA	Water	504.1	
LCS 680-651653/4-A	Lab Control Sample	Total/NA	Water	504.1	
LCSD 680-651653/5-A	Lab Control Sample Dup	Total/NA	Water	504.1	
680-193557-1 MS	GWK003-2111	Total/NA	Water	504.1	
680-193557-2 MS	GWK016-2111	Total/NA	Water	504.1	
680-193557-2 MSD	GWK016-2111	Total/NA	Water	504.1	

Analysis Batch: 651654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-193557-1	GWK003-2111	Total/NA	Water	504.1	651653
680-193557-2	GWK016-2111	Total/NA	Water	504.1	651653
680-193557-3	TB2111-02	Total/NA	Water	504.1	651653
MB 680-651653/3-A	Method Blank	Total/NA	Water	504.1	651653
LCS 680-651653/4-A	Lab Control Sample	Total/NA	Water	504.1	651653
LCSD 680-651653/5-A	Lab Control Sample Dup	Total/NA	Water	504.1	651653
680-193557-1 MS	GWK003-2111	Total/NA	Water	504.1	651653
680-193557-2 MS	GWK016-2111	Total/NA	Water	504.1	651653
680-193557-2 MSD	GWK016-2111	Total/NA	Water	504.1	651653

Prep Batch: 651760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-193560-1	GWVA2-2111	Total/NA	Water	504.1	
680-193560-2	GWVA2-6111	Total/NA	Water	504.1	
680-193560-3	TB2111-01	Total/NA	Water	504.1	
MB 680-651760/3-A	Method Blank	Total/NA	Water	504.1	
LCS 680-651760/4-A	Lab Control Sample	Total/NA	Water	504.1	
LCSD 680-651760/5-A	Lab Control Sample Dup	Total/NA	Water	504.1	
680-193560-1 MS	GWVA2-2111	Total/NA	Water	504.1	

QC Association Summary

Client: EA Engineering, Science, and Technology
Job ID: 680-193557-1
Project/Site: Production/Irrigation Well, Kirtland AFB

GC Semi VOA (Continued)

Prep Batch: 651760 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-193560-1 MSD	GWVA2-2111	Total/NA	Water	504.1	

Analysis Batch: 651766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-193560-1	GWVA2-2111	Total/NA	Water	504.1	651760
680-193560-2	GWVA2-6111	Total/NA	Water	504.1	651760
680-193560-3	TB2111-01	Total/NA	Water	504.1	651760
MB 680-651760/3-A	Method Blank	Total/NA	Water	504.1	651760
LCS 680-651760/4-A	Lab Control Sample	Total/NA	Water	504.1	651760
LCSD 680-651760/5-A	Lab Control Sample Dup	Total/NA	Water	504.1	651760
680-193560-1 MS	GWVA2-2111	Total/NA	Water	504.1	651760
680-193560-1 MSD	GWVA2-2111	Total/NA	Water	504.1	651760

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-193557-1

Client Sample ID: GWK003-2111
Date Collected: 01/05/21 09:37
Date Received: 01/06/21 09:50

Lab Sample ID: 680-193557-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	651694	01/11/21 19:08	SMP	TAL SAV
	Instrument ID: CMSA2									
Total/NA	Prep	504.1			35.3 mL	2 mL	651653	01/09/21 11:22	DC	TAL SAV
Total/NA	Analysis	504.1		1			651654	01/09/21 14:08	DC	TAL SAV
	Instrument ID: CSGX									

Client Sample ID: GWK016-2111
Date Collected: 01/05/21 09:10
Date Received: 01/06/21 09:50

Lab Sample ID: 680-193557-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	651694	01/11/21 19:34	SMP	TAL SAV
	Instrument ID: CMSA2									
Total/NA	Prep	504.1			35.7 mL	2 mL	651653	01/09/21 11:22	DC	TAL SAV
Total/NA	Analysis	504.1		1			651654	01/09/21 14:28	DC	TAL SAV
	Instrument ID: CSGX									

Client Sample ID: TB2111-02
Date Collected: 01/05/21 11:20
Date Received: 01/06/21 09:50

Lab Sample ID: 680-193557-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	651786	01/12/21 13:18	P1C	TAL SAV
	Instrument ID: CMSA2									
Total/NA	Prep	504.1			35.2 mL	2 mL	651653	01/09/21 11:22	DC	TAL SAV
Total/NA	Analysis	504.1		1			651654	01/09/21 14:57	DC	TAL SAV
	Instrument ID: CSGX									

Client Sample ID: GWVA2-2111
Date Collected: 01/05/21 10:35
Date Received: 01/06/21 09:50

Lab Sample ID: 680-193560-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	651694	01/11/21 20:00	SMP	TAL SAV
	Instrument ID: CMSA2									
Total/NA	Prep	504.1			35.6 mL	2 mL	651760	01/11/21 14:44	DC	TAL SAV
Total/NA	Analysis	504.1		1			651766	01/11/21 17:15	DC	TAL SAV
	Instrument ID: CSGX									

Client Sample ID: GWVA2-6111
Date Collected: 01/05/21 10:35
Date Received: 01/06/21 09:50

Lab Sample ID: 680-193560-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	651694	01/11/21 20:26	SMP	TAL SAV
	Instrument ID: CMSA2									

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-193557-1

Client Sample ID: GWVA2-6111

Date Collected: 01/05/21 10:35
Date Received: 01/06/21 09:50

Lab Sample ID: 680-193560-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	504.1			35.4 mL	2 mL	651760	01/11/21 14:44	DC	TAL SAV
Total/NA	Analysis	504.1		1			651766	01/11/21 17:45	DC	TAL SAV
	Instrument ID: CSGX									

Client Sample ID: TB2111-01

Date Collected: 01/05/21 11:20
Date Received: 01/06/21 09:50

Lab Sample ID: 680-193560-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	651786	01/12/21 13:44	P1C	TAL SAV
	Instrument ID: CMSA2									
Total/NA	Prep	504.1			35.3 mL	2 mL	651760	01/11/21 14:44	DC	TAL SAV
Total/NA	Analysis	504.1		1			651766	01/11/21 18:04	DC	TAL SAV
	Instrument ID: CSGX									

Laboratory References:

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 680-193557-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Laboratory: Eurofins TestAmerica, Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	GA00006	06-30-21

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 680-193557-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	TAL SAV
504.1	EDB, DBCP and 1,2,3-TCP (GC)	EPA-DW	TAL SAV
504.1	Microextraction	EPA-DW	TAL SAV

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

Laboratory References:

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No: (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-K003-2111

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Test America Sample Receiving, 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA; FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 16065	LAB CONTACT: 1 (912) 354-7858

YEAR: 2021
QUARTER: 1 - January

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0A) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	(4500NH3B/C) Ammonia Nitrogen	(4500 S2CF) Sulfide	COMMENTS
1	GWK003-2111	1/5/21	0937	6	-	3	-	3								
2																
3																
4																
5																
6																

680-193557 Chain of Custody

TB2111-02

SAMPLER(S): G. Brackett

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 3975

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Ginny Beckett	1/5/21	1400	Printed Name and Signature: C Banda	01-06-21	0950
Printed Name and Signature:			Printed Name and Signature: 2.3 (CF) 2.6°		
Printed Name and Signature:			Printed Name and Signature:		

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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-K016-2111

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Test America Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA; FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 16065	LAB CONTACT: 1 (912) 354-7858

YEAR: 2021
QUARTER: 1 - January

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	Total (As, Pb, Ca, K, Na, Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	(Total, Carbonate, and Bicarbonate) Alkalinity (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	GWK016-2111	1/5/21	0910	6	--	3	--	3								
2																
3																
4																
5																
6																

TB2111- 02

SAMPLER(S): G. Bracht

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 3975

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
Ginny Bracht	1/5/21	1400		01-06-21	0950
Printed Name and Signature:			Printed Name and Signature:		
			2.3 (cf) 2.6°c		
Printed Name and Signature:			Printed Name and Signature:		

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Fax No (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB2111-02

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Eurofins TestAmerica Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond tlamond@eaest.com EA; Amanda Smith asmith@eaest.com EA
			FAX AND MAIL REPORTS/EDD TO: Pam Moss pmoss@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 18929	LAB CONTACT: 1 (912) 354-7858

YEAR: 2021
QUARTER: 1 - January

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	(Total, Carbonate, and Bicarbonate) Alkalinity (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	TB2111-02	1/5/21	1120	4	-	2	-	2								
2																
3																
4																
5																
6																

Associated with: GWK 003-2111
GWK 016-2111-CB

SAMPLER(S): G. Bracht

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 3975

RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME
Printed Name and Signature: Ginny Bracht	1/5/21	1400	Printed Name and Signature:	01-06-21	0950
Printed Name and Signature:			Printed Name and Signature: 2.3(cf)2.6°c		
Printed Name and Signature:			Printed Name and Signature:		

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No (410) 584-7000
Fax No (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-VA2-2111

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Test America Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA; FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021	QUARTER: 1 - January		
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 16065	LAB CONTACT: 1 (912) 354-7858	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	Alkalinity (Total, Carbonate, and Bicarbonate) (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	GWVA2-2111	1/5/21	1035	6	-	3	-	3								
2	GWVA2-6111	1/5/21	1035	6	-	3	-	3								
3																
4																
5																
6																

680-193560 Chain of Custody

TB2111- 01

SAMPLER(S): G. Bracht

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 3964

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
Ginny Bracht	1/5/21	1400	Brenda	01-06-21	0950
Printed Name and Signature:			Printed Name and Signature:		
			1.3 (CF) 1.6°		
Printed Name and Signature:			Printed Name and Signature:		

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No: (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB2111-01

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Eurofins TestAmerica Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA	YEAR: 2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 - January
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 18929	LAB CONTACT: 1 (912) 354-7858	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	Total (As Pb Ca K Na Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	(Total, Carbonate, and Bicarbonate) Alkalinity (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	TB2111- 01	1/5/21	1120	4	-	2	-	2								
2																
3																
4																
5																
6																

Associated with: GWVA2-2111 ~~GB~~

SAMPLER(S): G. Bracht

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 3964

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: GINNY BRACHT	1/5/21	1400	Printed Name and Signature:	01-06-21	0950
Printed Name and Signature:			Printed Name and Signature: 1.3 (F) 1.6°		
Printed Name and Signature:			Printed Name and Signature:		

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 680-193557-1

Login Number: 193557
List Number: 1
Creator: Banda, Christy S

List Source: Eurofins TestAmerica, Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 680-193557-1

Login Number: 193560
List Number: 1
Creator: Banda, Christy S

List Source: Eurofins TestAmerica, Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins TestAmerica, Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-195105-1
Client Project/Site: Production/Irrigation Well, Kirtland AFB

For:
EA Engineering, Science, and Technology
7995 E. Prentice Ave, Suite 206E
Greenwood Village, Colorado 80111

Attn: Pamela J Moss

Stephanie Rothmeyer

Authorized for release by:
2/24/2021 7:54:15 PM
Stephanie Rothmeyer, Project Manager I
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LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 680-195105-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: EA Engineering, Science, and Technology
Job ID: 680-195105-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
680-195105-1	GWK003-2112	Water	02/10/21 10:30	02/15/21 14:01	
680-195105-2	GWK016-2112	Water	02/10/21 09:15	02/15/21 14:01	
680-195105-3	GWK015-2112	Water	02/10/21 09:35	02/15/21 14:01	
680-195105-4	TB2112-01	Water	02/10/21 11:20	02/15/21 14:01	

Case Narrative

Client: EA Engineering, Science, and Technology
Job ID: 680-195105-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-195105-1

Laboratory: Eurofins TestAmerica, Savannah

Narrative

CASE NARRATIVE

Client: EA Engineering, Science, and Technology

Project: Production/Irrigation Well, Kirtland AFB

Report Number: 680-195105-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 2/15/2021 at 2:01 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.6º C.

DRINKING WATER VOLATILES (GC-MS)
Samples GWK003-2112 (680-195105-1), GWK016-2112 (680-195105-2), GWK015-2112 (680-195105-3) and TB2112-01 (680-195105-4) were analyzed for drinking water volatiles (GC-MS) in accordance with EPA Method 524.2. The samples were analyzed on 02/19/2021.

Xylenes, Total exceeded the RPD limit for the MSD of sample GWK015-2112 (680-195105-3) in batch 680-656294. Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

EDB AND DBCP
Samples GWK003-2112 (680-195105-1), GWK016-2112 (680-195105-2), GWK015-2112 (680-195105-3) and TB2112-01 (680-195105-4) were analyzed for EDB and DBCP in accordance with EPA Method 504.1. The samples were prepared and analyzed on 02/23/2021.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 680-195105-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Client Sample ID: GWK003-2112
Lab Sample ID: 680-195105-1
Date Collected: 02/10/21 10:30
Matrix: Water
Date Received: 02/15/21 14:01

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			02/19/21 15:01	1
Ethylbenzene	ND		0.50	0.099	ug/L			02/19/21 15:01	1
Toluene	ND		0.50	0.086	ug/L			02/19/21 15:01	1
Xylenes, Total	ND		0.50	0.086	ug/L			02/19/21 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*106*		*70 - 130*		*02/19/21 15:01*	*1*
4-Bromofluorobenzene	*97*		*70 - 130*		*02/19/21 15:01*	*1*

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.018	0.0024	ug/L		02/23/21 13:20	02/23/21 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*103*		*70 - 130*	*02/23/21 13:20*	*02/23/21 18:23*	*1*

Client Sample ID: GWK016-2112
Lab Sample ID: 680-195105-2
Date Collected: 02/10/21 09:15
Matrix: Water
Date Received: 02/15/21 14:01

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			02/19/21 15:25	1
Ethylbenzene	ND		0.50	0.099	ug/L			02/19/21 15:25	1
Toluene	ND		0.50	0.086	ug/L			02/19/21 15:25	1
Xylenes, Total	ND		0.50	0.086	ug/L			02/19/21 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*106*		*70 - 130*		*02/19/21 15:25*	*1*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/19/21 15:25*	*1*

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.018	0.0025	ug/L		02/23/21 13:20	02/23/21 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*108*		*70 - 130*	*02/23/21 13:20*	*02/23/21 20:01*	*1*

Client Sample ID: GWK015-2112
Lab Sample ID: 680-195105-3
Date Collected: 02/10/21 09:35
Matrix: Water
Date Received: 02/15/21 14:01

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			02/19/21 20:41	1
Ethylbenzene	ND		0.50	0.099	ug/L			02/19/21 20:41	1
Toluene	ND		0.50	0.086	ug/L			02/19/21 20:41	1
Xylenes, Total	ND	F2	0.50	0.086	ug/L			02/19/21 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*98*		*70 - 130*		*02/19/21 20:41*	*1*
4-Bromofluorobenzene	*97*		*70 - 130*		*02/19/21 20:41*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 680-195105-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Client Sample ID: GWK015-2112
Lab Sample ID: 680-195105-3
Date Collected: 02/10/21 09:35
Matrix: Water
Date Received: 02/15/21 14:01

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.018	0.0025	ug/L		02/23/21 13:20	02/23/21 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*118*		*70 - 130*	*02/23/21 13:20*	*02/23/21 18:42*	*1*

Client Sample ID: TB2112-01
Lab Sample ID: 680-195105-4
Date Collected: 02/10/21 11:20
Matrix: Water
Date Received: 02/15/21 14:01

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			02/19/21 14:13	1
Ethylbenzene	ND		0.50	0.099	ug/L			02/19/21 14:13	1
Toluene	ND		0.50	0.086	ug/L			02/19/21 14:13	1
Xylenes, Total	ND		0.50	0.086	ug/L			02/19/21 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*100*		*70 - 130*		*02/19/21 14:13*	*1*
4-Bromofluorobenzene	*100*		*70 - 130*		*02/19/21 14:13*	*1*

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.017	0.0024	ug/L		02/23/21 13:20	02/23/21 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*112*	*p*	*70 - 130*	*02/23/21 13:20*	*02/23/21 20:11*	*1*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-195105-1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-656294/9
Matrix: Water
Analysis Batch: 656294

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			02/19/21 13:48	1
Ethylbenzene	ND		0.50	0.099	ug/L			02/19/21 13:48	1
Toluene	ND		0.50	0.086	ug/L			02/19/21 13:48	1
Xylenes, Total	ND		0.50	0.086	ug/L			02/19/21 13:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*100*		*70 - 130*		*02/19/21 13:48*	*1*
4-Bromofluorobenzene	*95*		*70 - 130*		*02/19/21 13:48*	*1*

Lab Sample ID: LCS 680-656294/4
Matrix: Water
Analysis Batch: 656294

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			20.0	21.2		ug/L		106	70 - 130		
Ethylbenzene			20.0	18.5		ug/L		93	70 - 130		
Toluene			20.0	20.6		ug/L		103	70 - 130		
Xylenes, Total			40.0	38.0		ug/L		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene	*90*		*70 - 130*

Lab Sample ID: LCSD 680-656294/5
Matrix: Water
Analysis Batch: 656294

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			20.0	19.9		ug/L		100	70 - 130	6	20
Ethylbenzene			20.0	18.9		ug/L		94	70 - 130	2	20
Toluene			20.0	20.2		ug/L		101	70 - 130	2	20
Xylenes, Total			40.0	39.3		ug/L		98	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichlorobenzene-d4 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene	*96*		*70 - 130*

Lab Sample ID: 680-195105-3 MS
Matrix: Water
Analysis Batch: 656294

Client Sample ID: GWK015-2112
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	ND		20.0	18.7		ug/L		93	70 - 130		
Ethylbenzene	ND		20.0	23.4		ug/L		117	70 - 130		
Toluene	ND		20.0	18.8		ug/L		94	70 - 130		
Xylenes, Total	ND	F2	40.0	49.2		ug/L		123	70 - 130		

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-195105-1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-195105-3 MS
Matrix: Water
Analysis Batch: 656294

Client Sample ID: GWK015-2112
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichlorobenzene-d4 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene	*93*		*70 - 130*

Lab Sample ID: 680-195105-3 MSD
Matrix: Water
Analysis Batch: 656294

Client Sample ID: GWK015-2112
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		20.0	21.3		ug/L		107	70 - 130	13	20
Ethylbenzene	ND		20.0	19.2		ug/L		96	70 - 130	19	20
Toluene	ND		20.0	20.3		ug/L		102	70 - 130	8	20
Xylenes, Total	ND	F2	40.0	38.3	F2	ug/L		96	70 - 130	25	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichlorobenzene-d4 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene	*92*		*70 - 130*

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Lab Sample ID: MB 680-656702/3-A
Matrix: Water
Analysis Batch: 656720

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 656702

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.018	0.0025	ug/L		02/23/21 13:20	02/23/21 17:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	*104*		*70 - 130*	*02/23/21 13:20*	*02/23/21 17:43*	*1*

Lab Sample ID: LCS 680-656702/4-A
Matrix: Water
Analysis Batch: 656720

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 656702

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide			0.100	0.0973		ug/L		97	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Pentachloroethane	*103*		*70 - 130*

Lab Sample ID: LCSD 680-656702/5-A
Matrix: Water
Analysis Batch: 656720

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 656702

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide			0.100	0.0966		ug/L		97	70 - 130	1	30

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-195105-1

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCSD 680-656702/5-A
Matrix: Water
Analysis Batch: 656720

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 656702

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Pentachloroethane	*104*		*70 - 130*

Lab Sample ID: 680-195105-1 MS
Matrix: Water
Analysis Batch: 656720

Client Sample ID: GWK003-2112
Prep Type: Total/NA
Prep Batch: 656702

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide	ND		0.0978	0.0947		ug/L		97	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
Pentachloroethane	*100*		*70 - 130*

Lab Sample ID: 680-195105-3 MS
Matrix: Water
Analysis Batch: 656720

Client Sample ID: GWK015-2112
Prep Type: Total/NA
Prep Batch: 656702

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide	ND		0.0975	0.103		ug/L		106	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
Pentachloroethane	*96*		*70 - 130*

Lab Sample ID: 680-195105-3 MSD
Matrix: Water
Analysis Batch: 656720

Client Sample ID: GWK015-2112
Prep Type: Total/NA
Prep Batch: 656702

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide	ND		0.0986	0.0961		ug/L		98	70 - 130	7	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Pentachloroethane	*106*		*70 - 130*

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-195105-1

GC/MS VOA

Analysis Batch: 656294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-195105-1	GWK003-2112	Total/NA	Water	524.2	
680-195105-2	GWK016-2112	Total/NA	Water	524.2	
680-195105-3	GWK015-2112	Total/NA	Water	524.2	
680-195105-4	TB2112-01	Total/NA	Water	524.2	
MB 680-656294/9	Method Blank	Total/NA	Water	524.2	
LCS 680-656294/4	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-656294/5	Lab Control Sample Dup	Total/NA	Water	524.2	
680-195105-3 MS	GWK015-2112	Total/NA	Water	524.2	
680-195105-3 MSD	GWK015-2112	Total/NA	Water	524.2	

GC Semi VOA

Prep Batch: 656702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-195105-1	GWK003-2112	Total/NA	Water	504.1	
680-195105-2	GWK016-2112	Total/NA	Water	504.1	
680-195105-3	GWK015-2112	Total/NA	Water	504.1	
680-195105-4	TB2112-01	Total/NA	Water	504.1	
MB 680-656702/3-A	Method Blank	Total/NA	Water	504.1	
LCS 680-656702/4-A	Lab Control Sample	Total/NA	Water	504.1	
LCSD 680-656702/5-A	Lab Control Sample Dup	Total/NA	Water	504.1	
680-195105-1 MS	GWK003-2112	Total/NA	Water	504.1	
680-195105-3 MS	GWK015-2112	Total/NA	Water	504.1	
680-195105-3 MSD	GWK015-2112	Total/NA	Water	504.1	

Analysis Batch: 656720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-195105-1	GWK003-2112	Total/NA	Water	504.1	656702
680-195105-2	GWK016-2112	Total/NA	Water	504.1	656702
680-195105-3	GWK015-2112	Total/NA	Water	504.1	656702
680-195105-4	TB2112-01	Total/NA	Water	504.1	656702
MB 680-656702/3-A	Method Blank	Total/NA	Water	504.1	656702
LCS 680-656702/4-A	Lab Control Sample	Total/NA	Water	504.1	656702
LCSD 680-656702/5-A	Lab Control Sample Dup	Total/NA	Water	504.1	656702
680-195105-1 MS	GWK003-2112	Total/NA	Water	504.1	656702
680-195105-3 MS	GWK015-2112	Total/NA	Water	504.1	656702
680-195105-3 MSD	GWK015-2112	Total/NA	Water	504.1	656702

Lab Chronicle

Client: EA Engineering, Science, and Technology
Job ID: 680-195105-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Client Sample ID: GWK003-2112
Lab Sample ID: 680-195105-1
Date Collected: 02/10/21 10:30
Matrix: Water
Date Received: 02/15/21 14:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	656294	02/19/21 15:01	P1C	TAL SAV
	Instrument ID: CMSAG									
Total/NA	Prep	504.1			35.8 mL	2 mL	656702	02/23/21 13:20	DC	TAL SAV
Total/NA	Analysis	504.1		1			656720	02/23/21 18:23	DC	TAL SAV
	Instrument ID: CSGX									

Client Sample ID: GWK016-2112
Lab Sample ID: 680-195105-2
Date Collected: 02/10/21 09:15
Matrix: Water
Date Received: 02/15/21 14:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	656294	02/19/21 15:25	P1C	TAL SAV
	Instrument ID: CMSAG									
Total/NA	Prep	504.1			35.7 mL	2 mL	656702	02/23/21 13:20	DC	TAL SAV
Total/NA	Analysis	504.1		1			656720	02/23/21 20:01	DC	TAL SAV
	Instrument ID: CSGX									

Client Sample ID: GWK015-2112
Lab Sample ID: 680-195105-3
Date Collected: 02/10/21 09:35
Matrix: Water
Date Received: 02/15/21 14:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	656294	02/19/21 20:41	P1C	TAL SAV
	Instrument ID: CMSAG									
Total/NA	Prep	504.1			35.7 mL	2 mL	656702	02/23/21 13:20	DC	TAL SAV
Total/NA	Analysis	504.1		1			656720	02/23/21 18:42	DC	TAL SAV
	Instrument ID: CSGX									

Client Sample ID: TB2112-01
Lab Sample ID: 680-195105-4
Date Collected: 02/10/21 11:20
Matrix: Water
Date Received: 02/15/21 14:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	656294	02/19/21 14:13	P1C	TAL SAV
	Instrument ID: CMSAG									
Total/NA	Prep	504.1			36.1 mL	2 mL	656702	02/23/21 13:20	DC	TAL SAV
Total/NA	Analysis	504.1		1			656720	02/23/21 20:11	DC	TAL SAV
	Instrument ID: CSGX									

Laboratory References:

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 680-195105-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Laboratory: Eurofins TestAmerica, Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	GA00006	06-30-21

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 680-195105-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	TAL SAV
504.1	EDB, DBCP and 1,2,3-TCP (GC)	EPA-DW	TAL SAV
504.1	Microextraction	EPA-DW	TAL SAV

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

Laboratory References:

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-K003-2112

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No. (410) 584-7000
Fax No. (410) 771-1625

PROJECT NAME: Kirtland AFB Bulk Fuels Facility

PROJECT NUMBER: 62735DM02

PROJECT SITE AND PHASE: ST106/SS111

LABORATORY NAME AND CONTACT: Test America Sample Receiving, 5102 LaRoche Ave Savannah, GA 31404

LAB PO NUMBER: 16065

FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA
Amanda Smith: asmith@eaest.com EA

FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA

LAB CONTACT: 1 (912) 354-7858

YEAR: 2021

QUARTER: 1 - February

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	ANALYSIS REQUIRED (Specify number of bottles)												COMMENTS
				Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0A) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	(4500NH3B/C) Ammonia Nitrogen	(4500 S2CF) Sulfide	
1	GWK003-2112	2/10/21	1030	6	MC	3	MC	3								
2																
3																
4																
5																
6	MC															

680-195105 Chain of Custody

TB2112- 01

SAMPLER(S): A. Rosborough, D. Schneelk

COURIER AND SHIPPING NUMBER: FedEx 4509 8917 3997

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosborough	2/10/21	1230	Printed Name and Signature:	02-19-21	0915
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:	4.4/4.6c	

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-K016-2112

EA Engineering, Science, and Technology, Inc., PBC
225 Schilling Circle Suite 400 Hunt Valley MD
Tel No. (410) 584-7000
Fax No. (410) 771-1625

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 62735DM02
PROJECT SITE AND PHASE: ST106/SS111

LABORATORY NAME AND CONTACT: Test America Sample Receiving, 5102 LaRoche Ave Savannah, GA 31404
LAB PO NUMBER: 16065
LAB CONTACT: 1 (912) 354-7858

FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA

YEAR: 2021
QUARTER: 1 - February

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0A) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	(4500NH3B/C) Ammonia Nitrogen	(4500 S2CF) Sulfide	COMMENTS
1	GWK016-2112	2/10/21	0915	6		3		3								
2																
3																
4																
5																
6	MR															

TB2112-01

SAMPLER(S): A Rosborough, D. Schmeltz

COURIER AND SHIPPING NUMBER: FedEx 9509 8917 3917

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Rosborough	2/10/21	1230	Printed Name and Signature: OSB Bowden	02-15-21	0915
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:	4.4/4.6c	

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-K015-2112

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No (410) 584-7000
Fax No (410) 771-1625

PROJECT NAME: Kirtland AFB Bulk Fuels Facility

PROJECT NUMBER: 62735DM02

PROJECT SITE AND PHASE: ST106/SS111

LABORATORY NAME AND CONTACT: Test America Sample Receiving, 5102 LaRoche Ave Savannah, GA 31404

LAB PO NUMBER: 16065

FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA

FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA

LAB CONTACT: 1 (912) 354-7858

YEAR: 2021

QUARTER: 1 - February

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	(6020A/6010C) Total (As,Pb,Ca,K,Na,Mg)	(6010C) Dissolved Fe, Mn	(300.0A) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	(4500NH3B/C) Ammonia Nitrogen	(4500 S2CF) Sulfide	COMMENTS
1	GWK015-2112	2/10/2021	0935	10	—	X	—	X	—						AR	Additional volume provided for MS/MSD analysis. AR
2																
3																
4																
5																
6																AR

SAMPLER(S): A Rosborough, J. Schmeltz

COURIER AND SHIPPING NUMBER: FedEx 9506 6917 3997

TB2112-02 01 AR

RELINQUISHED BY:

Printed Name and Signature:	DATE	TIME
Amy Rosborough Amy Rosborough	2/10/2021	1230

RECEIVED BY:

Printed Name and Signature:	DATE	TIME
Q&Bauda	2-11-21	0915

Printed Name and Signature: 4.4 | 4.6 AR

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No: (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB2112-01

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Eurofins TestAmerica Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA	YEAR: 2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 - February
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 18929	LAB CONTACT: 1 (912) 354-7858	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	(6010C) Dissolved Fe, Mn	Chloride, bromide, sulfate (300.0A)	(353.2) Nitrate-Nitrite	(2320B) Alkalinity (Total, Carbonate, and Bicarbonate)	(4500NH3B/C) Ammonia Nitrogen	(4500 S2CF) Sulfide	COMMENTS
1	TB2112-01	2/10/21	1120	4	-	2	-	2								
2																
3																
4																
5																
6																

Associated with: GWK015-2112
GWK003-2112
GWK016-2112

SAMPLER(S): D. Schmeltz, A. Roseborough			COURIER AND SHIPPING NUMBER: FedEx 9508 8917 ~~4000~~ 3997 NP		
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Amy Roseborough	2/10/21	1230	Printed Name and Signature: [illegible]	02/15/21	0915
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: 4.4/4.6c		

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 680-195105-1

Login Number: 195105
List Number: 1
Creator: Banda, Christy S

List Source: Eurofins TestAmerica, Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-196031-1
Client Project/Site: Production/Irrigation Well, Kirtland AFB
Revision: 1

For:
EA Engineering, Science, and Technology
7995 E. Prentice Ave, Suite 206E
Greenwood Village, Colorado 80111

Attn: Pamela J Moss

Authorized for release by:
4/12/2021 10:15:01 AM

Dylan Bieniulis, Project Manager I
(303)736-0138
Dylan.Bieniulis@Eurofinset.com

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 680-196031-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: EA Engineering, Science, and Technology
Job ID: 680-196031-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
680-196031-1	GWVA2-2113	Water	03/09/21 10:52	03/10/21 10:40	
680-196031-2	GWVA2-6113	Water	03/09/21 10:52	03/10/21 10:40	
680-196031-3	GWK016-2113	Water	03/09/21 09:06	03/10/21 10:40	
680-196031-4	GWK003-2113	Water	03/09/21 09:37	03/10/21 10:40	
680-196031-5	TB2113-1	Water	03/09/21 11:00	03/10/21 10:40	

Case Narrative

Client: EA Engineering, Science, and Technology
Job ID: 680-196031-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-196031-1

Laboratory: Eurofins TestAmerica, Savannah

Narrative

CASE NARRATIVE

Client: EA Engineering, Science, and Technology

Project: Production/Irrigation Well, Kirtland AFB

Report Number: 680-196031-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

REVISION - 1
The client sample ID for lab sample 680-196031-3 was revised to match the chain of custody.

RECEIPT
The samples were received on 3/10/2021 at 10:40 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.1° C and 5.4° C.

DRINKING WATER VOLATILES (GC-MS)
Samples GWVA2-2113 (680-196031-1), GWVA2-6113 (680-196031-2), GWK016-2113 (680-196031-3), GWK003-2113 (680-196031-4) and TB2113-1 (680-196031-5) were analyzed for drinking water volatiles (GC-MS) in accordance with EPA Method 524.2. The samples were analyzed on 03/16/2021.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

EDB
Samples GWVA2-2113 (680-196031-1), GWVA2-6113 (680-196031-2), GWK016-2113 (680-196031-3), GWK003-2113 (680-196031-4) and TB2113-1 (680-196031-5) were analyzed for EDB in accordance with EPA Method 504.1. The samples were prepared and analyzed on 03/11/2021 and 03/15/2021.

Pentachloroethane failed the surrogate recovery criteria high for GWVA2-6113 (680-196031-2), GWVA2-6113MS (680-196031-2MS), and GWVA2-6113MSD (680-196031-2MSD). Pentachloroethane failed the surrogate recovery criteria low for MB 680-659112/3-A, LCS 680-659112/4-A, and LCSD 680-659112/5-A. Insufficient sample remained for re-extraction; therefore, the data have been reported.

The initial calibration verification (ICV) result for batch 680-659160 was above the upper control limit. Sample results were non-detect and have been reported as qualified data.

The continuing calibration verification (CCV) associated with batch 680-659160 recovered above the upper control limit for Pentachloroethane. Insufficient sample remained for reanalysis; therefore, the samples have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 680-196031-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Client Sample ID: GWVA2-2113
Lab Sample ID: 680-196031-1
Date Collected: 03/09/21 10:52
Matrix: Water
Date Received: 03/10/21 10:40

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			03/16/21 17:26	1
Ethylbenzene	ND		0.50	0.099	ug/L			03/16/21 17:26	1
Toluene	ND		0.50	0.086	ug/L			03/16/21 17:26	1
Xylenes, Total	ND		0.50	0.086	ug/L			03/16/21 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*107*		*70 - 130*		*03/16/21 17:26*	*1*
4-Bromofluorobenzene	*97*		*70 - 130*		*03/16/21 17:26*	*1*

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.017	0.0024	ug/L		03/15/21 17:26	03/15/21 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*112*		*70 - 130*	*03/15/21 17:26*	*03/15/21 22:37*	*1*

Client Sample ID: GWVA2-6113
Lab Sample ID: 680-196031-2
Date Collected: 03/09/21 10:52
Matrix: Water
Date Received: 03/10/21 10:40

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			03/16/21 17:53	1
Ethylbenzene	ND		0.50	0.099	ug/L			03/16/21 17:53	1
Toluene	ND		0.50	0.086	ug/L			03/16/21 17:53	1
Xylenes, Total	ND		0.50	0.086	ug/L			03/16/21 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*104*		*70 - 130*		*03/16/21 17:53*	*1*
4-Bromofluorobenzene	*94*		*70 - 130*		*03/16/21 17:53*	*1*

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.017	0.0024	ug/L		03/11/21 13:53	03/11/21 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*180*	*S1+*	*70 - 130*	*03/11/21 13:53*	*03/11/21 20:30*	*1*

Client Sample ID: GWK016-2113
Lab Sample ID: 680-196031-3
Date Collected: 03/09/21 09:06
Matrix: Water
Date Received: 03/10/21 10:40

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			03/16/21 18:20	1
Ethylbenzene	ND		0.50	0.099	ug/L			03/16/21 18:20	1
Toluene	ND		0.50	0.086	ug/L			03/16/21 18:20	1
Xylenes, Total	ND		0.50	0.086	ug/L			03/16/21 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*99*		*70 - 130*		*03/16/21 18:20*	*1*
4-Bromofluorobenzene	*88*		*70 - 130*		*03/16/21 18:20*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 680-196031-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Client Sample ID: GWK016-2113
Lab Sample ID: 680-196031-3
Date Collected: 03/09/21 09:06
Matrix: Water
Date Received: 03/10/21 10:40

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.017	0.0024	ug/L		03/15/21 17:26	03/15/21 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*113*		*70 - 130*	*03/15/21 17:26*	*03/15/21 22:57*	*1*

Client Sample ID: GWK003-2113
Lab Sample ID: 680-196031-4
Date Collected: 03/09/21 09:37
Matrix: Water
Date Received: 03/10/21 10:40

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			03/16/21 18:46	1
Ethylbenzene	ND		0.50	0.099	ug/L			03/16/21 18:46	1
Toluene	ND		0.50	0.086	ug/L			03/16/21 18:46	1
Xylenes, Total	ND		0.50	0.086	ug/L			03/16/21 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*111*		*70 - 130*		*03/16/21 18:46*	*1*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/16/21 18:46*	*1*

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.017	0.0024	ug/L		03/15/21 17:26	03/15/21 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*100*		*70 - 130*	*03/15/21 17:26*	*03/15/21 22:47*	*1*

Client Sample ID: TB2113-1
Lab Sample ID: 680-196031-5
Date Collected: 03/09/21 11:00
Matrix: Water
Date Received: 03/10/21 10:40

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			03/16/21 13:44	1
Ethylbenzene	ND		0.50	0.099	ug/L			03/16/21 13:44	1
Toluene	ND		0.50	0.086	ug/L			03/16/21 13:44	1
Xylenes, Total	ND		0.50	0.086	ug/L			03/16/21 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*100*		*70 - 130*		*03/16/21 13:44*	*1*
4-Bromofluorobenzene	*90*		*70 - 130*		*03/16/21 13:44*	*1*

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.017	0.0024	ug/L		03/15/21 17:26	03/15/21 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*103*	*p*	*70 - 130*	*03/15/21 17:26*	*03/15/21 23:07*	*1*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-196031-1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-659717/9
Matrix: Water
Analysis Batch: 659717

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			03/16/21 12:49	1
Ethylbenzene	ND		0.50	0.099	ug/L			03/16/21 12:49	1
Toluene	ND		0.50	0.086	ug/L			03/16/21 12:49	1
Xylenes, Total	ND		0.50	0.086	ug/L			03/16/21 12:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*101*		*70 - 130*		*03/16/21 12:49*	*1*
4-Bromofluorobenzene	*97*		*70 - 130*		*03/16/21 12:49*	*1*

Lab Sample ID: LCS 680-659717/4
Matrix: Water
Analysis Batch: 659717

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	20.0		ug/L		100	70 - 130
Ethylbenzene	20.0	21.2		ug/L		106	70 - 130
Toluene	20.0	20.7		ug/L		104	70 - 130
Xylenes, Total	40.0	42.1		ug/L		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene	*101*		*70 - 130*

Lab Sample ID: LCSD 680-659717/5
Matrix: Water
Analysis Batch: 659717

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	20.0	19.0		ug/L		95	70 - 130	5	20
Ethylbenzene	20.0	19.5		ug/L		97	70 - 130	8	20
Toluene	20.0	19.4		ug/L		97	70 - 130	7	20
Xylenes, Total	40.0	38.7		ug/L		97	70 - 130	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichlorobenzene-d4 (Surr)	*104*		*70 - 130*
4-Bromofluorobenzene	*101*		*70 - 130*

Lab Sample ID: MB 680-659718/9
Matrix: Water
Analysis Batch: 659718

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.082	ug/L			03/16/21 13:16	1
Ethylbenzene	ND		0.50	0.099	ug/L			03/16/21 13:16	1
Toluene	ND		0.50	0.086	ug/L			03/16/21 13:16	1
Xylenes, Total	ND		0.50	0.086	ug/L			03/16/21 13:16	1

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-196031-1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-659718/9
Matrix: Water
Analysis Batch: 659718

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4 (Surr)	102		70 - 130		03/16/21 13:16	1
4-Bromofluorobenzene	82		70 - 130		03/16/21 13:16	1

Lab Sample ID: LCS 680-659718/4
Matrix: Water
Analysis Batch: 659718

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			20.0	18.1		ug/L		91	70 - 130		
Ethylbenzene			20.0	16.0		ug/L		80	70 - 130		
Toluene			20.0	17.0		ug/L		85	70 - 130		
Xylenes, Total			40.0	31.3		ug/L		78	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichlorobenzene-d4 (Surr)	102		70 - 130
4-Bromofluorobenzene	92		70 - 130

Lab Sample ID: LCSD 680-659718/5
Matrix: Water
Analysis Batch: 659718

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			20.0	19.5		ug/L		98	70 - 130	8	20
Ethylbenzene			20.0	17.1		ug/L		86	70 - 130	7	20
Toluene			20.0	18.8		ug/L		94	70 - 130	10	20
Xylenes, Total			40.0	34.2		ug/L		86	70 - 130	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichlorobenzene-d4 (Surr)	101		70 - 130
4-Bromofluorobenzene	90		70 - 130

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Lab Sample ID: MB 680-659112/3-A
Matrix: Water
Analysis Batch: 659160

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 659112

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.018	0.0025	ug/L		03/11/21 13:53	03/11/21 19:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	53	S1-	70 - 130	03/11/21 13:53	03/11/21 19:31	1

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-196031-1

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 680-659112/4-A
Matrix: Water
Analysis Batch: 659160

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 659112

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide			0.100	0.101		ug/L		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Pentachloroethane	*53*	*S1-*	*70 - 130*

Lab Sample ID: LCSD 680-659112/5-A
Matrix: Water
Analysis Batch: 659160

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 659112

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide			0.100	0.104		ug/L		104	70 - 130	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Pentachloroethane	*62*	*S1-*	*70 - 130*

Lab Sample ID: 680-196031-2 MS
Matrix: Water
Analysis Batch: 659160

Client Sample ID: GWVA2-6113
Prep Type: Total/NA
Prep Batch: 659112

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide	ND		0.0946	0.101		ug/L		106	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Pentachloroethane	*187*	*S1+*	*70 - 130*

Lab Sample ID: 680-196031-2 MSD
Matrix: Water
Analysis Batch: 659160

Client Sample ID: GWVA2-6113
Prep Type: Total/NA
Prep Batch: 659112

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide	ND		0.0980	0.0983		ug/L		100	70 - 130	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Pentachloroethane	*164*	*S1+*	*70 - 130*

Lab Sample ID: MB 680-659681/10-A
Matrix: Water
Analysis Batch: 659530

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 659681

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.018	0.0025	ug/L		03/15/21 17:26	03/15/21 19:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Pentachloroethane	*93*		*70 - 130*	*03/15/21 17:26*	*03/15/21 19:11*	*1*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-196031-1

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 680-659681/11-A
Matrix: Water
Analysis Batch: 659530

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 659681

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide			0.100	0.0998		ug/L		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Pentachloroethane	*99*		*70 - 130*

Lab Sample ID: LCSD 680-659681/12-A
Matrix: Water
Analysis Batch: 659530

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 659681

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide			0.100	0.0947		ug/L		95	70 - 130	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Pentachloroethane	*90*		*70 - 130*

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-196031-1

GC/MS VOA

Analysis Batch: 659717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-196031-1	GWVA2-2113	Total/NA	Water	524.2	
680-196031-2	GWVA2-6113	Total/NA	Water	524.2	
680-196031-3	GWK016-2113	Total/NA	Water	524.2	
680-196031-4	GWK003-2113	Total/NA	Water	524.2	
MB 680-659717/9	Method Blank	Total/NA	Water	524.2	
LCS 680-659717/4	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-659717/5	Lab Control Sample Dup	Total/NA	Water	524.2	

Analysis Batch: 659718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-196031-5	TB2113-1	Total/NA	Water	524.2	
MB 680-659718/9	Method Blank	Total/NA	Water	524.2	
LCS 680-659718/4	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-659718/5	Lab Control Sample Dup	Total/NA	Water	524.2	

GC Semi VOA

Prep Batch: 659112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-196031-2	GWVA2-6113	Total/NA	Water	504.1	
MB 680-659112/3-A	Method Blank	Total/NA	Water	504.1	
LCS 680-659112/4-A	Lab Control Sample	Total/NA	Water	504.1	
LCSD 680-659112/5-A	Lab Control Sample Dup	Total/NA	Water	504.1	
680-196031-2 MS	GWVA2-6113	Total/NA	Water	504.1	
680-196031-2 MSD	GWVA2-6113	Total/NA	Water	504.1	

Analysis Batch: 659160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-196031-2	GWVA2-6113	Total/NA	Water	504.1	659112
MB 680-659112/3-A	Method Blank	Total/NA	Water	504.1	659112
LCS 680-659112/4-A	Lab Control Sample	Total/NA	Water	504.1	659112
LCSD 680-659112/5-A	Lab Control Sample Dup	Total/NA	Water	504.1	659112
680-196031-2 MS	GWVA2-6113	Total/NA	Water	504.1	659112
680-196031-2 MSD	GWVA2-6113	Total/NA	Water	504.1	659112

Analysis Batch: 659530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-196031-1	GWVA2-2113	Total/NA	Water	504.1	659681
680-196031-3	GWK016-2113	Total/NA	Water	504.1	659681
680-196031-4	GWK003-2113	Total/NA	Water	504.1	659681
680-196031-5	TB2113-1	Total/NA	Water	504.1	659681
MB 680-659681/10-A	Method Blank	Total/NA	Water	504.1	659681
LCS 680-659681/11-A	Lab Control Sample	Total/NA	Water	504.1	659681
LCSD 680-659681/12-A	Lab Control Sample Dup	Total/NA	Water	504.1	659681

Prep Batch: 659681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-196031-1	GWVA2-2113	Total/NA	Water	504.1	
680-196031-3	GWK016-2113	Total/NA	Water	504.1	
680-196031-4	GWK003-2113	Total/NA	Water	504.1	
680-196031-5	TB2113-1	Total/NA	Water	504.1	

QC Association Summary

Client: EA Engineering, Science, and Technology
Job ID: 680-196031-1
Project/Site: Production/Irrigation Well, Kirtland AFB

GC Semi VOA (Continued)

Prep Batch: 659681 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-659681/10-A	Method Blank	Total/NA	Water	504.1	
LCS 680-659681/11-A	Lab Control Sample	Total/NA	Water	504.1	
LCSD 680-659681/12-A	Lab Control Sample Dup	Total/NA	Water	504.1	

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Production/Irrigation Well, Kirtland AFB

Job ID: 680-196031-1

Client Sample ID: GWVA2-2113
Date Collected: 03/09/21 10:52
Date Received: 03/10/21 10:40

Lab Sample ID: 680-196031-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	659717	03/16/21 17:26	P1C	TAL SAV
	Instrument ID: CMSA2									
Total/NA	Prep	504.1			36.1 mL	2 mL	659681	03/15/21 17:26	DC	TAL SAV
Total/NA	Analysis	504.1		1			659530	03/15/21 22:37	DC	TAL SAV
	Instrument ID: CSGX									

Client Sample ID: GWVA2-6113
Date Collected: 03/09/21 10:52
Date Received: 03/10/21 10:40

Lab Sample ID: 680-196031-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	659717	03/16/21 17:53	P1C	TAL SAV
	Instrument ID: CMSA2									
Total/NA	Prep	504.1			36.7 mL	2 mL	659112	03/11/21 13:53	DC	TAL SAV
Total/NA	Analysis	504.1		1			659160	03/11/21 20:30	DC	TAL SAV
	Instrument ID: CSGX									

Client Sample ID: GWK016-2113
Date Collected: 03/09/21 09:06
Date Received: 03/10/21 10:40

Lab Sample ID: 680-196031-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	659717	03/16/21 18:20	P1C	TAL SAV
	Instrument ID: CMSA2									
Total/NA	Prep	504.1			36.6 mL	2 mL	659681	03/15/21 17:26	DC	TAL SAV
Total/NA	Analysis	504.1		1			659530	03/15/21 22:57	DC	TAL SAV
	Instrument ID: CSGX									

Client Sample ID: GWK003-2113
Date Collected: 03/09/21 09:37
Date Received: 03/10/21 10:40

Lab Sample ID: 680-196031-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	659717	03/16/21 18:46	P1C	TAL SAV
	Instrument ID: CMSA2									
Total/NA	Prep	504.1			36.1 mL	2 mL	659681	03/15/21 17:26	DC	TAL SAV
Total/NA	Analysis	504.1		1			659530	03/15/21 22:47	DC	TAL SAV
	Instrument ID: CSGX									

Client Sample ID: TB2113-1
Date Collected: 03/09/21 11:00
Date Received: 03/10/21 10:40

Lab Sample ID: 680-196031-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	659718	03/16/21 13:44	Y1S	TAL SAV
	Instrument ID: CMSAG									

Lab Chronicle

Client: EA Engineering, Science, and Technology
Job ID: 680-196031-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Client Sample ID: TB2113-1
Lab Sample ID: 680-196031-5
Date Collected: 03/09/21 11:00
Matrix: Water
Date Received: 03/10/21 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	504.1			36.1 mL	2 mL	659681	03/15/21 17:26	DC	TAL SAV
Total/NA	Analysis	504.1		1			659530	03/15/21 23:07	DC	TAL SAV
	Instrument ID: CSGX									

Laboratory References:
TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 680-196031-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Laboratory: Eurofins TestAmerica, Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	GA00006	06-30-21

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 680-196031-1
Project/Site: Production/Irrigation Well, Kirtland AFB

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	TAL SAV
504.1	EDB, DBCP and 1,2,3-TCP (GC)	EPA-DW	TAL SAV
504.1	Microextraction	EPA-DW	TAL SAV

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

Laboratory References:

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No. (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-VA2-2113

PROJECT NAME	PROJECT NUMBER	LABORATORY NAME AND CONTACT	FAX AND MAIL REPORTS/EDD TO	YEAR / QUARTER
Kirtland AFB Bulk Fuels Facility	62735DM02	Test America Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	Tara Lamond tlamond@eaest.com EA Amanda Smith: asmith@eaest.com EA Pam Moss: pmoss@eaest.com EA	2021 1 - March

PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 16065
LAB CONTACT: 1 (912) 354-7858

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (EPA Method 524.2)	BTEX (EPA Method 524.2)	BTEXN (EPA Method 524.2)	EDB (EPA Method 504.1)	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	Alkalinity (Total, Carbonate, and Bicarbonate) (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	GWVA2-2113	03-09-21	1052	6	–	3	–	3								
2	GWVA2-6113	03-09-21	1052	6	–	3	–	3								
3																
4																
5																
6																

680-196031 Chain of Custody

TB2113-

SAMPLER(S): D.Schweelk

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 4011

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
D.Schweelk	03-09-21	1500	Derek Sim DM TA	3-10-21	1040

5.2/5.4

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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-K016-2113

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Test America Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA	YEAR: 2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: 1 - March
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 16065	LAB CONTACT: 1 (912) 354-7858	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (EPA Method 524.2)	BTEX (EPA Method 524.2)	BTEXN (EPA Method 524.2)	EDB (EPA Method 504.1)	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	Alkalinity (Total, Carbonate, and Bicarbonate) (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	GWK016-2113	03-09-21	0906	6	–	3	–	3								
2																
3																
4					4											
5																
6																

TB2113- 1

SAMPLER(S): D. Schweelk

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 4011

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
D Schweelk	03-09-21	1500	Derek Sims TA	3-10-21	1040
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

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Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-K003-2113

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Test America Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA; FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 16065	LAB CONTACT: 1 (912) 354-7858

YEAR: 2021
QUARTER: 1 - March

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(EPA Method 524.2) VOCs	(EPA Method 524.2) BTEX	(EPA Method 524.2) BTEXN	(EPA Method 504.1) EDB	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	(Total, Carbonate, and Bicarbonate) Alkalinity (2320B)	Ammonia Nitrogen (4500NH3B/C)	(4500 S2CF) Sulfide	COMMENTS
1	GWK003-2113	03-09-21	0937	6	—	3	—	3								
2																
3																
4																
5																
6																

TB2113- |

SAMPLER(S): D. Schmeelk

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 4011

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
D. Schmeelk	03-09-21	1500	Derek Sims TA	3-10-21	1040
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

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400 Hunt Valley MD
Tel No. (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-TB2113 - 1

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 62735DM02	LABORATORY NAME AND CONTACT: Eurofins TestAmerica Sample Receiving 5102 LaRoche Ave Savannah, GA 31404	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 18929	LAB CONTACT: 1 (912) 354-7858	FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA

YEAR: 2021
QUARTER: 1 - March

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (EPA Method 524.2)	BTEX (EPA Method 524.2)	BTEXN (EPA Method 524.2)	EDB (EPA Method 504.1)	Total (As,Pb,Ca,K,Na,Mg) (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0A)	Nitrate-Nitrite (353.2)	Alkalinity (Total, Carbonate, and Bicarbonate) (2320B)	Ammonia Nitrogen (4500NH3B/C)	Sulfide (4500 S2CF)	COMMENTS
1	TB2113 - 1	03-09-2021	1100	4	—	2	—	2								
2																
3																
4																
5																
6																

03-09-2021

Associated with: GWK003-2113
GWK016-2113
GWVA2-2113
GWVA2-6113

SAMPLER(S): G. Begaye

COURIER AND SHIPPING NUMBER: FedEx 9508 8917 4011

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
Galveston Begaye	03-09-2021	1500	Derek Sm TA	3-10-21	1040
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

4/12/2021 (Rev. 1)

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 680-196031-1

Login Number: 196031
List Number: 1
Creator: Sims, Robert D

List Source: Eurofins TestAmerica, Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX F-3

DRINKING WATER SUPPLY WELL ANALYTICAL DATA

Table F-3-1
Drinking Water Supply Well Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_ID	analytic_method	analysis_date	fraction	test_type	dilution_factor	prep_method
KAFB-016	GWK016-2111	1/5/2021	N		WG	Production_1Q2021	680-193557-2	E504	1/9/2021	N	INITIAL	1	METHOD
KAFB-016	GWK016-2111	1/5/2021	N		WG	Production_1Q2021	680-193557-2	E524.2	1/11/2021	N	INITIAL	1	NONE
KAFB-016	GWK016-2111	1/5/2021	N		WG	Production_1Q2021	680-193557-2	E524.2	1/11/2021	N	INITIAL	1	NONE
KAFB-016	GWK016-2111	1/5/2021	N		WG	Production_1Q2021	680-193557-2	E524.2	1/11/2021	N	INITIAL	1	NONE
KAFB-016	GWK016-2111	1/5/2021	N		WG	Production_1Q2021	680-193557-2	E524.2	1/11/2021	N	INITIAL	1	NONE
KAFB-003	GWK003-2111	1/5/2021	N		WG	Production_1Q2021	680-193557-1	E524.2	1/11/2021	N	INITIAL	1	NONE
KAFB-003	GWK003-2111	1/5/2021	N		WG	Production_1Q2021	680-193557-1	E524.2	1/11/2021	N	INITIAL	1	NONE
KAFB-003	GWK003-2111	1/5/2021	N		WG	Production_1Q2021	680-193557-1	E524.2	1/11/2021	N	INITIAL	1	NONE
KAFB-003	GWK003-2111	1/5/2021	N		WG	Production_1Q2021	680-193557-1	E504	1/9/2021	N	INITIAL	1	METHOD
KAFB-003	GWK003-2111	1/5/2021	N		WG	Production_1Q2021	680-193557-1	E524.2	1/11/2021	N	INITIAL	1	NONE
ST106-VA2	GWVA2-2111	1/5/2021	N		WG	Production_1Q2021	680-193560-1	E504	1/11/2021	N	INITIAL	1	METHOD
ST106-VA2	GWVA2-2111	1/5/2021	N		WG	Production_1Q2021	680-193560-1	E524.2	1/11/2021	N	INITIAL	1	NONE
ST106-VA2	GWVA2-2111	1/5/2021	N		WG	Production_1Q2021	680-193560-1	E524.2	1/11/2021	N	INITIAL	1	NONE
ST106-VA2	GWVA2-2111	1/5/2021	N		WG	Production_1Q2021	680-193560-1	E524.2	1/11/2021	N	INITIAL	1	NONE
ST106-VA2	GWVA2-2111	1/5/2021	N		WG	Production_1Q2021	680-193560-1	E524.2	1/11/2021	N	INITIAL	1	NONE
ST106-VA2	GWVA2-6111	1/5/2021	FD		WG	Production_1Q2021	680-193560-2	E504	1/11/2021	N	INITIAL	1	METHOD
ST106-VA2	GWVA2-6111	1/5/2021	FD		WG	Production_1Q2021	680-193560-2	E524.2	1/11/2021	N	INITIAL	1	NONE
ST106-VA2	GWVA2-6111	1/5/2021	FD		WG	Production_1Q2021	680-193560-2	E524.2	1/11/2021	N	INITIAL	1	NONE
ST106-VA2	GWVA2-6111	1/5/2021	FD		WG	Production_1Q2021	680-193560-2	E524.2	1/11/2021	N	INITIAL	1	NONE
ST106-VA2	GWVA2-6111	1/5/2021	FD		WG	Production_1Q2021	680-193560-2	E524.2	1/11/2021	N	INITIAL	1	NONE
KAFB-016	GWK016-2112	2/10/2021	N		WG	Production_1Q2021	680-195105-2	E504	2/23/2021	N	INITIAL	1	METHOD
KAFB-016	GWK016-2112	2/10/2021	N		WG	Production_1Q2021	680-195105-2	E524.2	2/19/2021	N	INITIAL	1	NONE
KAFB-016	GWK016-2112	2/10/2021	N		WG	Production_1Q2021	680-195105-2	E524.2	2/19/2021	N	INITIAL	1	NONE
KAFB-016	GWK016-2112	2/10/2021	N		WG	Production_1Q2021	680-195105-2	E524.2	2/19/2021	N	INITIAL	1	NONE
KAFB-016	GWK016-2112	2/10/2021	N		WG	Production_1Q2021	680-195105-2	E524.2	2/19/2021	N	INITIAL	1	NONE
KAFB-015	GWK015-2112	2/10/2021	N		WG	Production_1Q2021	680-195105-3	E504	2/23/2021	N	INITIAL	1	METHOD
KAFB-015	GWK015-2112	2/10/2021	N		WG	Production_1Q2021	680-195105-3	E524.2	2/19/2021	N	INITIAL	1	NONE
KAFB-015	GWK015-2112	2/10/2021	N		WG	Production_1Q2021	680-195105-3	E524.2	2/19/2021	N	INITIAL	1	NONE
KAFB-015	GWK015-2112	2/10/2021	N		WG	Production_1Q2021	680-195105-3	E524.2	2/19/2021	N	INITIAL	1	NONE
KAFB-015	GWK015-2112	2/10/2021	N		WG	Production_1Q2021	680-195105-3	E524.2	2/19/2021	N	INITIAL	1	NONE
KAFB-003	GWK003-2112	2/10/2021	N		WG	Production_1Q2021	680-195105-1	E504	2/23/2021	N	INITIAL	1	METHOD
KAFB-003	GWK003-2112	2/10/2021	N		WG	Production_1Q2021	680-195105-1	E524.2	2/19/2021	N	INITIAL	1	NONE
KAFB-003	GWK003-2112	2/10/2021	N		WG	Production_1Q2021	680-195105-1	E524.2	2/19/2021	N	INITIAL	1	NONE
KAFB-003	GWK003-2112	2/10/2021	N		WG	Production_1Q2021	680-195105-1	E524.2	2/19/2021	N	INITIAL	1	NONE
KAFB-003	GWK003-2112	2/10/2021	N		WG	Production_1Q2021	680-195105-1	E524.2	2/19/2021	N	INITIAL	1	NONE
KAFB-016	GWK016-2113	3/9/2021	N		WG	Production_1Q2021	680-196031-3	E504	3/15/2021	N	INITIAL	1	METHOD
KAFB-016	GWK016-2113	3/9/2021	N		WG	Production_1Q2021	680-196031-3	E524.2	3/16/2021	N	INITIAL	1	NONE
KAFB-016	GWK016-2113	3/9/2021	N		WG	Production_1Q2021	680-196031-3	E524.2	3/16/2021	N	INITIAL	1	NONE
KAFB-016	GWK016-2113	3/9/2021	N		WG	Production_1Q2021	680-196031-3	E524.2	3/16/2021	N	INITIAL	1	NONE
KAFB-016	GWK016-2113	3/9/2021	N		WG	Production_1Q2021	680-196031-3	E524.2	3/16/2021	N	INITIAL	1	NONE
KAFB-003	GWK003-2113	3/9/2021	N		WG	Production_1Q2021	680-196031-4	E504	3/15/2021	N	INITIAL	1	METHOD
KAFB-003	GWK003-2113	3/9/2021	N		WG	Production_1Q2021	680-196031-4	E524.2	3/16/2021	N	INITIAL	1	NONE
KAFB-003	GWK003-2113	3/9/2021	N		WG	Production_1Q2021	680-196031-4	E524.2	3/16/2021	N	INITIAL	1	NONE
KAFB-003	GWK003-2113	3/9/2021	N		WG	Production_1Q2021	680-196031-4	E524.2	3/16/2021	N	INITIAL	1	NONE
KAFB-003	GWK003-2113	3/9/2021	N		WG	Production_1Q2021	680-196031-4	E524.2	3/16/2021	N	INITIAL	1	NONE
ST106-VA2	GWVA2-2113	3/9/2021	N		WG	Production_1Q2021	680-196031-1	E504	3/15/2021	N	INITIAL	1	METHOD
ST106-VA2	GWVA2-2113	3/9/2021	N		WG	Production_1Q2021	680-196031-1	E524.2	3/16/2021	N	INITIAL	1	NONE
ST106-VA2	GWVA2-2113	3/9/2021	N		WG	Production_1Q2021	680-196031-1	E524.2	3/16/2021	N	INITIAL	1	NONE
ST106-VA2	GWVA2-2113	3/9/2021	N		WG	Production_1Q2021	680-196031-1	E524.2	3/16/2021	N	INITIAL	1	NONE
ST106-VA2	GWVA2-2113	3/9/2021	N		WG	Production_1Q2021	680-196031-1	E524.2	3/16/2021	N	INITIAL	1	NONE
ST106-VA2	GWVA2-6113	3/9/2021	FD		WG	Production_1Q2021	680-196031-2	E504	3/11/2021	N	INITIAL	1	METHOD
ST106-VA2	GWVA2-6113	3/9/2021	FD		WG	Production_1Q2021	680-196031-2	E524.2	3/16/2021	N	INITIAL	1	NONE
ST106-VA2	GWVA2-6113	3/9/2021	FD		WG	Production_1Q2021	680-196031-2	E524.2	3/16/2021	N	INITIAL	1	NONE
ST106-VA2	GWVA2-6113	3/9/2021	FD		WG	Production_1Q2021	680-196031-2	E524.2	3/16/2021	N	INITIAL	1	NONE
ST106-VA2	GWVA2-6113	3/9/2021	FD		WG	Production_1Q2021	680-196031-2	E524.2	3/16/2021	N	INITIAL	1	NONE

Table F-3-1
Drinking Water Supply Well Analytical Data, Q1 2021

well_location	sample_name	sample_date	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit	detect_flag	interpreted_qualifiers	lab_qualifiers[b]
KAFB-016	GWK016-2111	1/5/2021	680-193557-1	106-93-4	1,2-Dibromoethane	< 0.018	0.018	ug/l	N	U	U
KAFB-016	GWK016-2111	1/5/2021	680-193557-1	100-41-4	Ethylbenzene	< 0.5	0.5	ug/l	N	U	U
KAFB-016	GWK016-2111	1/5/2021	680-193557-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N	U	U
KAFB-016	GWK016-2111	1/5/2021	680-193557-1	1330-20-7	Xylenes, total	< 0.5	0.5	ug/l	N	U	U
KAFB-016	GWK016-2111	1/5/2021	680-193557-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N	U	U
KAFB-003	GWK003-2111	1/5/2021	680-193557-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N	U	U
KAFB-003	GWK003-2111	1/5/2021	680-193557-1	1330-20-7	Xylenes, total	< 0.5	0.5	ug/l	N	U	U
KAFB-003	GWK003-2111	1/5/2021	680-193557-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N	U	U
KAFB-003	GWK003-2111	1/5/2021	680-193557-1	106-93-4	1,2-Dibromoethane	< 0.018	0.018	ug/l	N	U	U
KAFB-003	GWK003-2111	1/5/2021	680-193557-1	100-41-4	Ethylbenzene	< 0.5	0.5	ug/l	N	U	U
ST106-VA2	GWVA2-2111	1/5/2021	680-193557-1	106-93-4	1,2-Dibromoethane	< 0.018	0.018	ug/l	N	U	U
ST106-VA2	GWVA2-2111	1/5/2021	680-193557-1	100-41-4	Ethylbenzene	< 0.5	0.5	ug/l	N	U	U
ST106-VA2	GWVA2-2111	1/5/2021	680-193557-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N	U	U
ST106-VA2	GWVA2-2111	1/5/2021	680-193557-1	1330-20-7	Xylenes, total	< 0.5	0.5	ug/l	N	U	U
ST106-VA2	GWVA2-2111	1/5/2021	680-193557-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N	U	U
ST106-VA2	GWVA2-6111	1/5/2021	680-193557-1	106-93-4	1,2-Dibromoethane	< 0.018	0.018	ug/l	N	U	U
ST106-VA2	GWVA2-6111	1/5/2021	680-193557-1	100-41-4	Ethylbenzene	< 0.5	0.5	ug/l	N	U	U
ST106-VA2	GWVA2-6111	1/5/2021	680-193557-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N	U	U
ST106-VA2	GWVA2-6111	1/5/2021	680-193557-1	1330-20-7	Xylenes, total	< 0.5	0.5	ug/l	N	U	U
ST106-VA2	GWVA2-6111	1/5/2021	680-193557-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N	U	U
KAFB-016	GWK016-2112	2/10/2021	680-195105-1	106-93-4	1,2-Dibromoethane	< 0.018	0.018	ug/l	N	U	U
KAFB-016	GWK016-2112	2/10/2021	680-195105-1	100-41-4	Ethylbenzene	< 0.5	0.5	ug/l	N	U	U
KAFB-016	GWK016-2112	2/10/2021	680-195105-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N	U	U
KAFB-016	GWK016-2112	2/10/2021	680-195105-1	1330-20-7	Xylenes, total	< 0.5	0.5	ug/l	N	U	U
KAFB-016	GWK016-2112	2/10/2021	680-195105-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N	U	U
KAFB-015	GWK015-2112	2/10/2021	680-195105-1	106-93-4	1,2-Dibromoethane	< 0.018	0.018	ug/l	N	U	U
KAFB-015	GWK015-2112	2/10/2021	680-195105-1	100-41-4	Ethylbenzene	< 0.5	0.5	ug/l	N	U	U
KAFB-015	GWK015-2112	2/10/2021	680-195105-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N	U	U
KAFB-015	GWK015-2112	2/10/2021	680-195105-1	1330-20-7	Xylenes, total	< 0.5	0.5	ug/l	N	U	UF2
KAFB-015	GWK015-2112	2/10/2021	680-195105-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N	U	U
KAFB-003	GWK003-2112	2/10/2021	680-195105-1	106-93-4	1,2-Dibromoethane	< 0.018	0.018	ug/l	N	U	U
KAFB-003	GWK003-2112	2/10/2021	680-195105-1	100-41-4	Ethylbenzene	< 0.5	0.5	ug/l	N	U	U
KAFB-003	GWK003-2112	2/10/2021	680-195105-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N	U	U
KAFB-003	GWK003-2112	2/10/2021	680-195105-1	1330-20-7	Xylenes, total	< 0.5	0.5	ug/l	N	U	U
KAFB-003	GWK003-2112	2/10/2021	680-195105-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N	U	U
KAFB-016	GWK016-2113	3/9/2021	680-196031-1	106-93-4	1,2-Dibromoethane	< 0.017	0.017	ug/l	N	U	U
KAFB-016	GWK016-2113	3/9/2021	680-196031-1	100-41-4	Ethylbenzene	< 0.5	0.5	ug/l	N	U	U
KAFB-016	GWK016-2113	3/9/2021	680-196031-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N	U	U
KAFB-016	GWK016-2113	3/9/2021	680-196031-1	1330-20-7	Xylenes, total	< 0.5	0.5	ug/l	N	U	U
KAFB-016	GWK016-2113	3/9/2021	680-196031-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N	U	U
KAFB-003	GWK003-2113	3/9/2021	680-196031-1	106-93-4	1,2-Dibromoethane	< 0.017	0.017	ug/l	N	U	U
KAFB-003	GWK003-2113	3/9/2021	680-196031-1	100-41-4	Ethylbenzene	< 0.5	0.5	ug/l	N	U	U
KAFB-003	GWK003-2113	3/9/2021	680-196031-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N	U	U
KAFB-003	GWK003-2113	3/9/2021	680-196031-1	1330-20-7	Xylenes, total	< 0.5	0.5	ug/l	N	U	U
KAFB-003	GWK003-2113	3/9/2021	680-196031-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N	U	U
ST106-VA2	GWVA2-2113	3/9/2021	680-196031-1	106-93-4	1,2-Dibromoethane	< 0.017	0.017	ug/l	N	U	U
ST106-VA2	GWVA2-2113	3/9/2021	680-196031-1	100-41-4	Ethylbenzene	< 0.5	0.5	ug/l	N	U	U
ST106-VA2	GWVA2-2113	3/9/2021	680-196031-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N	U	U
ST106-VA2	GWVA2-2113	3/9/2021	680-196031-1	1330-20-7	Xylenes, total	< 0.5	0.5	ug/l	N	U	U
ST106-VA2	GWVA2-2113	3/9/2021	680-196031-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N	U	U
ST106-VA2	GWVA2-6113	3/9/2021	680-196031-1	106-93-4	1,2-Dibromoethane	< 0.017	0.017	ug/l	N	U	U
ST106-VA2	GWVA2-6113	3/9/2021	680-196031-1	100-41-4	Ethylbenzene	< 0.5	0.5	ug/l	N	U	U
ST106-VA2	GWVA2-6113	3/9/2021	680-196031-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N	U	U
ST106-VA2	GWVA2-6113	3/9/2021	680-196031-1	1330-20-7	Xylenes, total	< 0.5	0.5	ug/l	N	U	U
ST106-VA2	GWVA2-6113	3/9/2021	680-196031-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N	U	U

Table F-3-1
Drinking Water Supply Well Analytical Data, Q1 2021

well_location	sample_name	sample_date	method_detection_limit/MDL/DI	reporting_detection_limit/RDL/LO	quantitation_limit/LOQ/PQL	detection_limit_unit	NMAC NMWQCC[f]	EPA MCL	EPA RSL	Project Screening Level[l]
KAFB-016	GWK016-2111	1/5/2021	0.0025	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-016	GWK016-2111	1/5/2021	0.099	0.5	0.5	ug/l	750	700	15	700
KAFB-016	GWK016-2111	1/5/2021	0.086	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-016	GWK016-2111	1/5/2021	0.086	0.5	0.5	ug/l	620	10000	190	620
KAFB-016	GWK016-2111	1/5/2021	0.082	0.5	0.5	ug/l	10	5	4.6	5
KAFB-003	GWK003-2111	1/5/2021	0.086	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-003	GWK003-2111	1/5/2021	0.086	0.5	0.5	ug/l	620	10000	190	620
KAFB-003	GWK003-2111	1/5/2021	0.082	0.5	0.5	ug/l	10	5	4.6	5
KAFB-003	GWK003-2111	1/5/2021	0.0025	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-003	GWK003-2111	1/5/2021	0.099	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-2111	1/5/2021	0.0025	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-2111	1/5/2021	0.099	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-2111	1/5/2021	0.086	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-2111	1/5/2021	0.086	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-2111	1/5/2021	0.082	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-6111	1/5/2021	0.0025	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-6111	1/5/2021	0.099	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-6111	1/5/2021	0.086	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-6111	1/5/2021	0.086	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-6111	1/5/2021	0.082	0.5	0.5	ug/l	10	5	4.6	5
KAFB-016	GWK016-2112	2/10/2021	0.0025	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-016	GWK016-2112	2/10/2021	0.099	0.5	0.5	ug/l	750	700	15	700
KAFB-016	GWK016-2112	2/10/2021	0.086	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-016	GWK016-2112	2/10/2021	0.086	0.5	0.5	ug/l	620	10000	190	620
KAFB-016	GWK016-2112	2/10/2021	0.082	0.5	0.5	ug/l	10	5	4.6	5
KAFB-015	GWK015-2112	2/10/2021	0.0025	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-015	GWK015-2112	2/10/2021	0.099	0.5	0.5	ug/l	750	700	15	700
KAFB-015	GWK015-2112	2/10/2021	0.086	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-015	GWK015-2112	2/10/2021	0.086	0.5	0.5	ug/l	620	10000	190	620
KAFB-015	GWK015-2112	2/10/2021	0.082	0.5	0.5	ug/l	10	5	4.6	5
KAFB-003	GWK003-2112	2/10/2021	0.0024	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-003	GWK003-2112	2/10/2021	0.099	0.5	0.5	ug/l	750	700	15	700
KAFB-003	GWK003-2112	2/10/2021	0.086	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-003	GWK003-2112	2/10/2021	0.086	0.5	0.5	ug/l	620	10000	190	620
KAFB-003	GWK003-2112	2/10/2021	0.082	0.5	0.5	ug/l	10	5	4.6	5
KAFB-016	GWK016-2113	3/9/2021	0.0024	0.017	0.017	ug/l	0.05	0.05	0.075	0.05
KAFB-016	GWK016-2113	3/9/2021	0.099	0.5	0.5	ug/l	750	700	15	700
KAFB-016	GWK016-2113	3/9/2021	0.086	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-016	GWK016-2113	3/9/2021	0.086	0.5	0.5	ug/l	620	10000	190	620
KAFB-016	GWK016-2113	3/9/2021	0.082	0.5	0.5	ug/l	10	5	4.6	5
KAFB-003	GWK003-2113	3/9/2021	0.0024	0.017	0.017	ug/l	0.05	0.05	0.075	0.05
KAFB-003	GWK003-2113	3/9/2021	0.099	0.5	0.5	ug/l	750	700	15	700
KAFB-003	GWK003-2113	3/9/2021	0.086	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-003	GWK003-2113	3/9/2021	0.086	0.5	0.5	ug/l	620	10000	190	620
KAFB-003	GWK003-2113	3/9/2021	0.082	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-2113	3/9/2021	0.0024	0.017	0.017	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-2113	3/9/2021	0.099	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-2113	3/9/2021	0.086	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-2113	3/9/2021	0.086	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-2113	3/9/2021	0.082	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-6113	3/9/2021	0.0024	0.017	0.017	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-6113	3/9/2021	0.099	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-6113	3/9/2021	0.086	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-6113	3/9/2021	0.086	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-6113	3/9/2021	0.082	0.5	0.5	ug/l	10	5	4.6	5

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_fac	lab_report[a]	cas_rn
KAFB-016	GWK016-2021-1	4/16/2020	N		WG	Production_2Q2020	E504	N	1	680-182910-1	106-93-4
KAFB-016	GWK016-2021-1	4/16/2020	N		WG	Production_2Q2020	E524.2	N	1	680-182910-1	71-43-2
KAFB-016	GWK016-2021-1	4/16/2020	N		WG	Production_2Q2020	E524.2	N	1	680-182910-1	100-41-4
KAFB-016	GWK016-2021-1	4/16/2020	N		WG	Production_2Q2020	E524.2	N	1	680-182910-1	108-88-3
KAFB-016	GWK016-2021-1	4/16/2020	N		WG	Production_2Q2020	E524.2	N	1	680-182910-1	1330-20-7
KAFB-003	GWK003-2021-1	4/16/2020	N		WG	Production_2Q2020	E504	N	1	680-182910-1	106-93-4
KAFB-003	GWK003-2021-1	4/16/2020	N		WG	Production_2Q2020	E524.2	N	1	680-182910-1	71-43-2
KAFB-003	GWK003-2021-1	4/16/2020	N		WG	Production_2Q2020	E524.2	N	1	680-182910-1	100-41-4
KAFB-003	GWK003-2021-1	4/16/2020	N		WG	Production_2Q2020	E524.2	N	1	680-182910-1	108-88-3
KAFB-003	GWK003-2021-1	4/16/2020	N		WG	Production_2Q2020	E524.2	N	1	680-182910-1	1330-20-7
ST106-VA2	GWVA2-2021-1	4/16/2020	N		WG	Production_2Q2020	E504	N	1	680-182910-1	106-93-4
ST106-VA2	GWVA2-2021-1	4/16/2020	N		WG	Production_2Q2020	E524.2	N	1	680-182910-1	71-43-2
ST106-VA2	GWVA2-2021-1	4/16/2020	N		WG	Production_2Q2020	E524.2	N	1	680-182910-1	100-41-4
ST106-VA2	GWVA2-2021-1	4/16/2020	N		WG	Production_2Q2020	E524.2	N	1	680-182910-1	108-88-3
ST106-VA2	GWVA2-2021-1	4/16/2020	N		WG	Production_2Q2020	E524.2	N	1	680-182910-1	1330-20-7
KAFB-016	GWK016-2022	5/5/2020	N		WG	Production_2Q2020	E504	N	1	680-183527-1	106-93-4
KAFB-016	GWK016-2022	5/5/2020	N		WG	Production_2Q2020	E524.2	N	1	680-183527-1	71-43-2
KAFB-016	GWK016-2022	5/5/2020	N		WG	Production_2Q2020	E524.2	N	1	680-183527-1	100-41-4
KAFB-016	GWK016-2022	5/5/2020	N		WG	Production_2Q2020	E524.2	N	1	680-183527-1	108-88-3
KAFB-016	GWK016-2022	5/5/2020	N		WG	Production_2Q2020	E524.2	N	1	680-183527-1	1330-20-7
KAFB-003	GWK003-2022	5/5/2020	N		WG	Production_2Q2020	E504	N	1	680-183527-1	106-93-4
KAFB-003	GWK003-2022	5/5/2020	N		WG	Production_2Q2020	E524.2	N	1	680-183527-1	71-43-2
KAFB-003	GWK003-2022	5/5/2020	N		WG	Production_2Q2020	E524.2	N	1	680-183527-1	100-41-4
KAFB-003	GWK003-2022	5/5/2020	N		WG	Production_2Q2020	E524.2	N	1	680-183527-1	108-88-3
KAFB-003	GWK003-2022	5/5/2020	N		WG	Production_2Q2020	E524.2	N	1	680-183527-1	1330-20-7
ST106-VA2	GWVA2-2022	5/5/2020	N		WG	Production_2Q2020	E504	N	1	680-183527-1	106-93-4
ST106-VA2	GWVA2-6022	5/5/2020	FD		WG	Production_2Q2020	E504	N	1	680-183527-1	106-93-4
ST106-VA2	GWVA2-2022	5/5/2020	N		WG	Production_2Q2020	E524.2	N	1	680-183527-1	71-43-2
ST106-VA2	GWVA2-6022	5/5/2020	FD		WG	Production_2Q2020	E524.2	N	1	680-183527-1	71-43-2
ST106-VA2	GWVA2-2022	5/5/2020	N		WG	Production_2Q2020	E524.2	N	1	680-183527-1	100-41-4
ST106-VA2	GWVA2-6022	5/5/2020	FD		WG	Production_2Q2020	E524.2	N	1	680-183527-1	100-41-4
ST106-VA2	GWVA2-2022	5/5/2020	N		WG	Production_2Q2020	E524.2	N	1	680-183527-1	108-88-3
ST106-VA2	GWVA2-6022	5/5/2020	FD		WG	Production_2Q2020	E524.2	N	1	680-183527-1	108-88-3
ST106-VA2	GWVA2-2022	5/5/2020	N		WG	Production_2Q2020	E524.2	N	1	680-183527-1	1330-20-7
ST106-VA2	GWVA2-6022	5/5/2020	FD		WG	Production_2Q2020	E524.2	N	1	680-183527-1	1330-20-7
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	E504	N	1	680-184600-1	106-93-4
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	SM2320B	N	1	410-3144-1	ALK-B
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	SM2320B	N	1	410-3144-1	ALK-C
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	SM2320B	N	1	410-3144-1	ALK
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	SW6020A	T	1	410-3144-1	7440-38-2
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	E524.2	N	1	680-184600-1	71-43-2
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	E300	N	5	410-3144-1	24959-67-9
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7440-70-2
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	E300	N	5	410-3144-1	16887-00-6
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	E524.2	N	1	680-184600-1	100-41-4
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	D	1	410-3144-1	7439-89-6
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	SW6020A	T	1	410-3144-1	7439-92-1
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7439-95-4
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	D	1	410-3144-1	7439-96-5
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	E353.2	N	1	410-3144-1	NNN
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	SM4500NH3CM	N	1	410-3144-1	7664-41-7
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7440-09-7
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7440-23-5
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	E300	N	5	410-3144-1	14808-79-8
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	SM4500S2F	N	1	410-3144-1	18496-25-8

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_fac	lab_report[a]	cas_rn
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	E524.2	N	1	680-184600-1	108-88-3
KAFB-016	GWK016-2023	6/2/2020	N		WG	Production_2Q2020	E524.2	N	1	680-184600-1	1330-20-7
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	E504	N	1	680-184595-1	106-93-4
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	SM2320B	N	1	410-3144-1	ALK-B
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	SM2320B	N	1	410-3144-1	ALK-C
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	SM2320B	N	1	410-3144-1	ALK
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	SW6020A	T	1	410-3144-1	7440-38-2
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	E524.2	N	1	680-184595-1	71-43-2
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	E300	N	5	410-3144-1	24959-67-9
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7440-70-2
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	E300	N	500	410-3144-1	16887-00-6
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	E524.2	N	1	680-184595-1	100-41-4
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	D	1	410-3144-1	7439-89-6
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	SW6020A	T	1	410-3144-1	7439-92-1
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7439-95-4
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	D	1	410-3144-1	7439-96-5
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	E353.2	N	1	410-3144-1	NNN
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	SM4500NH3CM	N	1	410-3144-1	7664-41-7
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7440-09-7
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7440-23-5
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	E300	N	5	410-3144-1	14808-79-8
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	SM4500S2F	N	1	410-3144-1	18496-25-8
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	E524.2	N	1	680-184595-1	108-88-3
KAFB-015	GWK015-2023	6/2/2020	N		WG	Production_2Q2020	E524.2	N	1	680-184595-1	1330-20-7
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	E504	N	1	680-184600-1	106-93-4
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	SM2320B	N	1	410-3144-1	ALK-B
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	SM2320B	N	1	410-3144-1	ALK-C
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	SM2320B	N	1	410-3144-1	ALK
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	SW6020A	T	1	410-3144-1	7440-38-2
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	E524.2	N	1	680-184600-1	71-43-2
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	E300	N	5	410-3144-1	24959-67-9
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7440-70-2
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	E300	N	5	410-3144-1	16887-00-6
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	E524.2	N	1	680-184600-1	100-41-4
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	D	1	410-3144-1	7439-89-6
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	SW6020A	T	1	410-3144-1	7439-92-1
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7439-95-4
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	D	1	410-3144-1	7439-96-5
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	E353.2	N	1	410-3144-1	NNN
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	SM4500NH3CM	N	1	410-3144-1	7664-41-7
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7440-09-7
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7440-23-5
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	E300	N	5	410-3144-1	14808-79-8
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	SM4500S2F	N	1	410-3144-1	18496-25-8
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	E524.2	N	1	680-184600-1	108-88-3
KAFB-003	GWK003-2023	6/2/2020	N		WG	Production_2Q2020	E524.2	N	1	680-184600-1	1330-20-7
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	E504	N	1	680-184595-1	106-93-4
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	SM2320B	N	1	410-3144-1	ALK-B
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	SM2320B	N	1	410-3144-1	ALK-B
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	SM2320B	N	1	410-3144-1	ALK-C
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	SM2320B	N	1	410-3144-1	ALK-C
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	SM2320B	N	1	410-3144-1	ALK
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	SM2320B	N	1	410-3144-1	ALK
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	SW6020A	T	1	410-3144-1	7440-38-2
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	SW6020A	T	1	410-3144-1	7440-38-2

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_fac	lab_report[a]	cas_rn
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	E524.2	N	1	680-184595-1	71-43-2
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	E300	N	5	410-3144-1	24959-67-9
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	E300	N	5	410-3144-1	24959-67-9
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7440-70-2
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7440-70-2
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	E300	N	50	410-3144-1	16887-00-6
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	E300	N	5	410-3144-1	16887-00-6
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	E524.2	N	1	680-184595-1	100-41-4
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	D	1	410-3144-1	7439-89-6
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	SW6010C	D	1	410-3144-1	7439-89-6
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	SW6020A	T	1	410-3144-1	7439-92-1
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	SW6020A	T	1	410-3144-1	7439-92-1
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7439-95-4
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7439-95-4
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	D	1	410-3144-1	7439-96-5
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	SW6010C	D	1	410-3144-1	7439-96-5
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	E353.2	N	1	410-3144-1	NNN
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	E353.2	N	1	410-3144-1	NNN
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	SM4500NH3CM	N	1	410-3144-1	7664-41-7
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	SM4500NH3CM	N	1	410-3144-1	7664-41-7
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7440-09-7
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7440-09-7
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7440-23-5
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	SW6010C	T	1	410-3144-1	7440-23-5
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	E300	N	5	410-3144-1	14808-79-8
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	E300	N	5	410-3144-1	14808-79-8
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	SM4500S2F	N	1	410-3144-1	18496-25-8
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	SM4500S2F	N	1	410-3144-1	18496-25-8
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	SM4500S2F	N	1	410-3144-1	18496-25-8
ST106-VA2	GWVA2-6023	6/2/2020	FD		WG	Production_2Q2020	SM4500S2F	N	1	410-3144-1	18496-25-8
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	E524.2	N	1	680-184595-1	108-88-3
ST106-VA2	GWVA2-2023	6/2/2020	N		WG	Production_2Q2020	E524.2	N	1	680-184595-1	1330-20-7
KAFB-016	GWK016-2031	7/7/2020	N		WG	Production_3Q2020	E504	N	1	680-186052-1	106-93-4
KAFB-016	GWK016-2031	7/7/2020	N		WG	Production_3Q2020	E524.2	N	1	680-186052-1	71-43-2
KAFB-016	GWK016-2031	7/7/2020	N		WG	Production_3Q2020	E524.2	N	1	680-186052-1	100-41-4
KAFB-016	GWK016-2031	7/7/2020	N		WG	Production_3Q2020	E524.2	N	1	680-186052-1	108-88-3
KAFB-016	GWK016-2031	7/7/2020	N		WG	Production_3Q2020	E524.2	N	1	680-186052-1	1330-20-7
KAFB-015	GWK015-2031	7/7/2020	N		WG	Production_3Q2020	E504	N	1	680-186052-1	106-93-4
KAFB-015	GWK015-2031	7/7/2020	N		WG	Production_3Q2020	E524.2	N	1	680-186052-1	71-43-2
KAFB-015	GWK015-2031	7/7/2020	N		WG	Production_3Q2020	E524.2	N	1	680-186052-1	100-41-4
KAFB-015	GWK015-2031	7/7/2020	N		WG	Production_3Q2020	E524.2	N	1	680-186052-1	108-88-3
KAFB-015	GWK015-2031	7/7/2020	N		WG	Production_3Q2020	E524.2	N	1	680-186052-1	1330-20-7
KAFB-003	GWK003-2031	7/7/2020	N		WG	Production_3Q2020	E504	N	1	680-186052-1	106-93-4
KAFB-003	GWK003-2031	7/7/2020	N		WG	Production_3Q2020	E524.2	N	1	680-186052-1	71-43-2
KAFB-003	GWK003-2031	7/7/2020	N		WG	Production_3Q2020	E524.2	N	1	680-186052-1	100-41-4
KAFB-003	GWK003-2031	7/7/2020	N		WG	Production_3Q2020	E524.2	N	1	680-186052-1	108-88-3
KAFB-003	GWK003-2031	7/7/2020	N		WG	Production_3Q2020	E524.2	N	1	680-186052-1	1330-20-7
ST106-VA2	GWVA2-2031	7/7/2020	N		WG	Production_3Q2020	E504	N	1	680-186052-1	106-93-4
ST106-VA2	GWVA2-6031	7/7/2020	FD		WG	Production_3Q2020	E504	N	1	680-186052-1	106-93-4
ST106-VA2	GWVA2-2031	7/7/2020	N		WG	Production_3Q2020	E524.2	N	1	680-186052-1	71-43-2
ST106-VA2	GWVA2-6031	7/7/2020	FD		WG	Production_3Q2020	E524.2	N	1	680-186052-1	71-43-2
ST106-VA2	GWVA2-2031	7/7/2020	N		WG	Production_3Q2020	E524.2	N	1	680-186052-1	100-41-4
ST106-VA2	GWVA2-6031	7/7/2020	FD		WG	Production_3Q2020	E524.2	N	1	680-186052-1	100-41-4
ST106-VA2	GWVA2-2031	7/7/2020	N		WG	Production_3Q2020	E524.2	N	1	680-186052-1	108-88-3
ST106-VA2	GWVA2-6031	7/7/2020	FD		WG	Production_3Q2020	E524.2	N	1	680-186052-1	108-88-3
ST106-VA2	GWVA2-2031	7/7/2020	N		WG	Production_3Q2020	E524.2	N	1	680-186052-1	1330-20-7
ST106-VA2	GWVA2-6031	7/7/2020	FD		WG	Production_3Q2020	E524.2	N	1	680-186052-1	1330-20-7

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_fac	lab_report[a]	cas_rn
KAFB-016	GWK016-2032	8/4/2020	N		WG	Production_3Q2020	E504	N	1	680-187144-1	106-93-4
KAFB-016	GWK016-2032	8/4/2020	N		WG	Production_3Q2020	E524.2	N	1	680-187144-1	71-43-2
KAFB-016	GWK016-2032	8/4/2020	N		WG	Production_3Q2020	E524.2	N	1	680-187144-1	100-41-4
KAFB-016	GWK016-2032	8/4/2020	N		WG	Production_3Q2020	E524.2	N	1	680-187144-1	108-88-3
KAFB-016	GWK016-2032	8/4/2020	N		WG	Production_3Q2020	E524.2	N	1	680-187144-1	1330-20-7
KAFB-003	GWK003-2032	8/4/2020	N		WG	Production_3Q2020	E504	N	1	680-187144-1	106-93-4
KAFB-003	GWK003-2032	8/4/2020	N		WG	Production_3Q2020	E524.2	N	1	680-187144-1	71-43-2
KAFB-003	GWK003-2032	8/4/2020	N		WG	Production_3Q2020	E524.2	N	1	680-187144-1	100-41-4
KAFB-003	GWK003-2032	8/4/2020	N		WG	Production_3Q2020	E524.2	N	1	680-187144-1	108-88-3
KAFB-003	GWK003-2032	8/4/2020	N		WG	Production_3Q2020	E524.2	N	1	680-187144-1	1330-20-7
KAFB-015	GWK015-2032	8/4/2020	N		WG	Production_3Q2020	E504	N	1	680-187144-1	106-93-4
KAFB-015	GWK015-2032	8/4/2020	N		WG	Production_3Q2020	E524.2	N	1	680-187144-1	71-43-2
KAFB-015	GWK015-2032	8/4/2020	N		WG	Production_3Q2020	E524.2	N	1	680-187144-1	100-41-4
KAFB-015	GWK015-2032	8/4/2020	N		WG	Production_3Q2020	E524.2	N	1	680-187144-1	108-88-3
KAFB-015	GWK015-2032	8/4/2020	N		WG	Production_3Q2020	E524.2	N	1	680-187144-1	1330-20-7
ST106-VA2	GWVA2-2032	8/4/2020	N		WG	Production_3Q2020	E504	N	1	680-187144-1	106-93-4
ST106-VA2	GWVA2-2032	8/4/2020	N		WG	Production_3Q2020	E524.2	N	1	680-187144-1	71-43-2
ST106-VA2	GWVA2-2032	8/4/2020	N		WG	Production_3Q2020	E524.2	N	1	680-187144-1	100-41-4
ST106-VA2	GWVA2-2032	8/4/2020	N		WG	Production_3Q2020	E524.2	N	1	680-187144-1	108-88-3
ST106-VA2	GWVA2-2032	8/4/2020	N		WG	Production_3Q2020	E524.2	N	1	680-187144-1	1330-20-7
KAFB-016	GWK016-2033	9/1/2020	N		WG	Production_3Q2020	E504	N	1	680-188221-1	106-93-4
KAFB-016	GWK016-2033	9/1/2020	N		WG	Production_3Q2020	E524.2	N	1	680-188221-1	71-43-2
KAFB-016	GWK016-2033	9/1/2020	N		WG	Production_3Q2020	E524.2	N	1	680-188221-1	100-41-4
KAFB-016	GWK016-2033	9/1/2020	N		WG	Production_3Q2020	E524.2	N	1	680-188221-1	108-88-3
KAFB-016	GWK016-2033	9/1/2020	N		WG	Production_3Q2020	E524.2	N	1	680-188221-1	1330-20-7
KAFB-015	GWK015-2033	9/1/2020	N		WG	Production_3Q2020	E504	N	1	680-188221-1	106-93-4
KAFB-015	GWK015-2033	9/1/2020	N		WG	Production_3Q2020	E524.2	N	1	680-188221-1	71-43-2
KAFB-015	GWK015-2033	9/1/2020	N		WG	Production_3Q2020	E524.2	N	1	680-188221-1	100-41-4
KAFB-015	GWK015-2033	9/1/2020	N		WG	Production_3Q2020	E524.2	N	1	680-188221-1	108-88-3
KAFB-015	GWK015-2033	9/1/2020	N		WG	Production_3Q2020	E524.2	N	1	680-188221-1	1330-20-7
KAFB-003	GWK003-2033	9/1/2020	N		WG	Production_3Q2020	E504	N	1	680-188221-1	106-93-4
KAFB-003	GWK003-2033	9/1/2020	N		WG	Production_3Q2020	E524.2	N	1	680-188221-1	71-43-2
KAFB-003	GWK003-2033	9/1/2020	N		WG	Production_3Q2020	E524.2	N	1	680-188221-1	100-41-4
KAFB-003	GWK003-2033	9/1/2020	N		WG	Production_3Q2020	E524.2	N	1	680-188221-1	108-88-3
KAFB-003	GWK003-2033	9/1/2020	N		WG	Production_3Q2020	E524.2	N	1	680-188221-1	1330-20-7
ST106-VA2	GWVA2-2033	9/1/2020	N		WG	Production_3Q2020	E504	N	1	680-188221-1	106-93-4
ST106-VA2	GWVA2-6033	9/1/2020	FD		WG	Production_3Q2020	E504	N	1	680-188221-1	106-93-4
ST106-VA2	GWVA2-2033	9/1/2020	N		WG	Production_3Q2020	E524.2	N	1	680-188221-1	71-43-2
ST106-VA2	GWVA2-6033	9/1/2020	FD		WG	Production_3Q2020	E524.2	N	1	680-188221-1	71-43-2
ST106-VA2	GWVA2-2033	9/1/2020	N		WG	Production_3Q2020	E524.2	N	1	680-188221-1	100-41-4
ST106-VA2	GWVA2-6033	9/1/2020	FD		WG	Production_3Q2020	E524.2	N	1	680-188221-1	100-41-4
ST106-VA2	GWVA2-2033	9/1/2020	N		WG	Production_3Q2020	E524.2	N	1	680-188221-1	108-88-3
ST106-VA2	GWVA2-6033	9/1/2020	FD		WG	Production_3Q2020	E524.2	N	1	680-188221-1	108-88-3
ST106-VA2	GWVA2-2033	9/1/2020	N		WG	Production_3Q2020	E524.2	N	1	680-188221-1	1330-20-7
ST106-VA2	GWVA2-6033	9/1/2020	FD		WG	Production_3Q2020	E524.2	N	1	680-188221-1	1330-20-7
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	E504	N	1	680-189669-1	106-93-4
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	SM2320B	N	1	410-16364-1	ALK-B
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	SM2320B	N	1	410-16364-1	ALK-C
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	SM2320B	N	1	410-16364-1	ALK
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	SW6020A	T	1	410-16364-1	7440-38-2
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	E524.2	N	1	680-189669-1	71-43-2
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	E300.0	N	5	410-16364-1	24959-67-9
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	T	1	410-16364-1	7440-70-2
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	E300.0	N	50	410-16364-1	16887-00-6
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	E524.2	N	1	680-189669-1	100-41-4

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_fac	lab_report[a]	cas_rn
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	D	1	410-16364-1	7439-89-6
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	SW6020A	T	1	410-16364-1	7439-92-1
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	T	1	410-16364-1	7439-95-4
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	D	1	410-16364-1	7439-96-5
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	E353.2	N	1	410-16364-1	NNN
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	SM4500NH3CM	N	1	410-16364-1	7664-41-7
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	T	1	410-16364-1	7440-09-7
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	T	1	410-16364-1	7440-23-5
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	E300.0	N	5	410-16364-1	14808-79-8
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	SM4500S2F	N	1	410-16364-1	18496-25-8
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	E524.2	N	1	680-189669-1	108-88-3
KAFB-016	GWK016-2041	10/6/2020	N		WG	Production_4Q2020	E524.2	N	1	680-189669-1	1330-20-7
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	E504	N	1	680-189669-1	106-93-4
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	SM2320B	N	1	410-16364-1	ALK-B
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	SM2320B	N	1	410-16364-1	ALK-C
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	SM2320B	N	1	410-16364-1	ALK
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	SW6020A	T	1	410-16364-1	7440-38-2
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	E524.2	N	1	680-189669-1	71-43-2
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	E300.0	N	5	410-16364-1	24959-67-9
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	T	1	410-16364-1	7440-70-2
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	E300.0	N	50	410-16364-1	16887-00-6
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	E524.2	N	1	680-189669-1	100-41-4
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	D	1	410-16364-1	7439-89-6
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	SW6020A	T	1	410-16364-1	7439-92-1
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	T	1	410-16364-1	7439-95-4
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	D	1	410-16364-1	7439-96-5
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	E353.2	N	1	410-16364-1	NNN
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	SM4500NH3CM	N	1	410-16364-1	7664-41-7
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	T	1	410-16364-1	7440-09-7
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	T	1	410-16364-1	7440-23-5
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	E300.0	N	5	410-16364-1	14808-79-8
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	SM4500S2F	N	1	410-16364-1	18496-25-8
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	E524.2	N	1	680-189669-1	108-88-3
KAFB-015	GWK015-2041	10/6/2020	N		WG	Production_4Q2020	E524.2	N	1	680-189669-1	1330-20-7
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	E504	N	1	680-189669-1	106-93-4
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	SM2320B	N	1	410-16364-1	ALK-B
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	SM2320B	N	1	410-16364-1	ALK-C
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	SM2320B	N	1	410-16364-1	ALK
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	SW6020A	T	1	410-16364-1	7440-38-2
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	E524.2	N	1	680-189669-1	71-43-2
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	E300.0	N	5	410-16364-1	24959-67-9
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	T	1	410-16364-1	7440-70-2
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	E300.0	N	5	410-16364-1	16887-00-6
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	E524.2	N	1	680-189669-1	100-41-4
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	D	1	410-16364-1	7439-89-6
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	SW6020A	T	1	410-16364-1	7439-92-1
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	T	1	410-16364-1	7439-95-4
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	D	1	410-16364-1	7439-96-5
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	E353.2	N	1	410-16364-1	NNN
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	SM4500NH3CM	N	1	410-16364-1	7664-41-7
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	T	1	410-16364-1	7440-09-7
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	T	1	410-16364-1	7440-23-5
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	E300.0	N	5	410-16364-1	14808-79-8
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	SM4500S2F	N	1	410-16364-1	18496-25-8
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	E524.2	N	1	680-189669-1	108-88-3

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_fac	lab_report[a]	cas_rn
KAFB-003	GWK003-2041	10/6/2020	N		WG	Production_4Q2020	E524.2	N	1	680-189669-1	1330-20-7
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	E504	N	1	680-189669-1	106-93-4
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	SM2320B	N	1	410-16364-1	ALK-B
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	SM2320B	N	1	410-16364-1	ALK-C
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	SM2320B	N	1	410-16364-1	ALK
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	SW6020A	T	1	410-16364-1	7440-38-2
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	E524.2	N	1	680-189669-1	71-43-2
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	E300.0	N	5	410-16364-1	24959-67-9
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	T	1	410-16364-1	7440-70-2
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	E300.0	N	5	410-16364-1	16887-00-6
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	E524.2	N	1	680-189669-1	100-41-4
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	D	1	410-16364-1	7439-89-6
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	SW6020A	T	1	410-16364-1	7439-92-1
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	T	1	410-16364-1	7439-95-4
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	D	1	410-16364-1	7439-96-5
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	E353.2	N	1	410-16364-1	NNN
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	SM4500NH3CM	N	1	410-16364-1	7664-41-7
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	T	1	410-16364-1	7440-09-7
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	SW6010C	T	1	410-16364-1	7440-23-5
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	E300.0	N	5	410-16364-1	14808-79-8
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	SM4500S2F	N	1	410-16364-1	18496-25-8
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	E524.2	N	1	680-189669-1	108-88-3
ST106-VA2	GWVA2-2041	10/6/2020	N		WG	Production_4Q2020	E524.2	N	1	680-189669-1	1330-20-7
KAFB-016	GWK016-2042	11/3/2020	N		WG	Production_4Q2020	E504	N	1	680-191010-1	106-93-4
KAFB-016	GWK016-2042	11/3/2020	N		WG	Production_4Q2020	E524.2	N	1	680-191010-1	71-43-2
KAFB-016	GWK016-2042	11/3/2020	N		WG	Production_4Q2020	E524.2	N	1	680-191010-1	100-41-4
KAFB-016	GWK016-2042	11/3/2020	N		WG	Production_4Q2020	E524.2	N	1	680-191010-1	108-88-3
KAFB-016	GWK016-2042	11/3/2020	N		WG	Production_4Q2020	E524.2	N	1	680-191010-1	1330-20-7
KAFB-015	GWK015-2042	11/3/2020	N		WG	Production_4Q2020	E504	N	1	680-191010-1	106-93-4
KAFB-015	GWK015-2042	11/3/2020	N		WG	Production_4Q2020	E524.2	N	1	680-191010-1	71-43-2
KAFB-015	GWK015-2042	11/3/2020	N		WG	Production_4Q2020	E524.2	N	1	680-191010-1	100-41-4
KAFB-015	GWK015-2042	11/3/2020	N		WG	Production_4Q2020	E524.2	N	1	680-191010-1	108-88-3
KAFB-015	GWK015-2042	11/3/2020	N		WG	Production_4Q2020	E524.2	N	1	680-191010-1	1330-20-7
KAFB-003	GWK003-2042	11/3/2020	N		WG	Production_4Q2020	E504	N	1	680-191010-1	106-93-4
KAFB-003	GWK003-2042	11/3/2020	N		WG	Production_4Q2020	E524.2	N	1	680-191010-1	71-43-2
KAFB-003	GWK003-2042	11/3/2020	N		WG	Production_4Q2020	E524.2	N	1	680-191010-1	100-41-4
KAFB-003	GWK003-2042	11/3/2020	N		WG	Production_4Q2020	E524.2	N	1	680-191010-1	108-88-3
KAFB-003	GWK003-2042	11/3/2020	N		WG	Production_4Q2020	E524.2	N	1	680-191010-1	1330-20-7
ST106-VA2	GWVA2-2042	11/3/2020	N		WG	Production_4Q2020	E504	N	1	680-191010-1	106-93-4
ST106-VA2	GWVA2-6042	11/3/2020	FD		WG	Production_4Q2020	E504	N	1	680-191010-1	106-93-4
ST106-VA2	GWVA2-2042	11/3/2020	N		WG	Production_4Q2020	E524.2	N	1	680-191010-1	71-43-2
ST106-VA2	GWVA2-6042	11/3/2020	FD		WG	Production_4Q2020	E524.2	N	1	680-191010-1	71-43-2
ST106-VA2	GWVA2-2042	11/3/2020	N		WG	Production_4Q2020	E524.2	N	1	680-191010-1	100-41-4
ST106-VA2	GWVA2-6042	11/3/2020	FD		WG	Production_4Q2020	E524.2	N	1	680-191010-1	100-41-4
ST106-VA2	GWVA2-2042	11/3/2020	N		WG	Production_4Q2020	E524.2	N	1	680-191010-1	108-88-3
ST106-VA2	GWVA2-6042	11/3/2020	FD		WG	Production_4Q2020	E524.2	N	1	680-191010-1	108-88-3
ST106-VA2	GWVA2-2042	11/3/2020	N		WG	Production_4Q2020	E524.2	N	1	680-191010-1	1330-20-7
ST106-VA2	GWVA2-6042	11/3/2020	FD		WG	Production_4Q2020	E524.2	N	1	680-191010-1	1330-20-7
KAFB-016	GWK016-2043	12/1/2020	N		WG	Production_4Q2020	E504	N	1	680-192133-1	106-93-4
KAFB-016	GWK016-2043	12/1/2020	N		WG	Production_4Q2020	E524.2	N	1	680-192133-1	71-43-2
KAFB-016	GWK016-2043	12/1/2020	N		WG	Production_4Q2020	E524.2	N	1	680-192133-1	100-41-4
KAFB-016	GWK016-2043	12/1/2020	N		WG	Production_4Q2020	E524.2	N	1	680-192133-1	108-88-3
KAFB-016	GWK016-2043	12/1/2020	N		WG	Production_4Q2020	E524.2	N	1	680-192133-1	1330-20-7
KAFB-015	GWK015-2043	12/1/2020	N		WG	Production_4Q2020	E504	N	1	680-192133-1	106-93-4
KAFB-015	GWK015-2043	12/1/2020	N		WG	Production_4Q2020	E524.2	N	1	680-192133-1	71-43-2

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_fac	lab_report[a]	cas_rn
KAFB-015	GWK015-2043	12/1/2020	N		WG	Production_4Q2020	E524.2	N	1	680-192133-1	100-41-4
KAFB-015	GWK015-2043	12/1/2020	N		WG	Production_4Q2020	E524.2	N	1	680-192133-1	108-88-3
KAFB-015	GWK015-2043	12/1/2020	N		WG	Production_4Q2020	E524.2	N	1	680-192133-1	1330-20-7
KAFB-003	GWK003-2043	12/1/2020	N		WG	Production_4Q2020	E504	N	1	680-192133-1	106-93-4
KAFB-003	GWK003-2043	12/1/2020	N		WG	Production_4Q2020	E524.2	N	1	680-192133-1	71-43-2
KAFB-003	GWK003-2043	12/1/2020	N		WG	Production_4Q2020	E524.2	N	1	680-192133-1	100-41-4
KAFB-003	GWK003-2043	12/1/2020	N		WG	Production_4Q2020	E524.2	N	1	680-192133-1	108-88-3
KAFB-003	GWK003-2043	12/1/2020	N		WG	Production_4Q2020	E524.2	N	1	680-192133-1	1330-20-7
ST106-VA2	GWVA2-2043	12/1/2020	N		WG	Production_4Q2020	E504	N	1	680-192133-1	106-93-4
ST106-VA2	GWVA2-2043	12/1/2020	N		WG	Production_4Q2020	E524.2	N	1	680-192133-1	71-43-2
ST106-VA2	GWVA2-2043	12/1/2020	N		WG	Production_4Q2020	E524.2	N	1	680-192133-1	100-41-4
ST106-VA2	GWVA2-2043	12/1/2020	N		WG	Production_4Q2020	E524.2	N	1	680-192133-1	108-88-3
ST106-VA2	GWVA2-2043	12/1/2020	N		WG	Production_4Q2020	E524.2	N	1	680-192133-1	1330-20-7
KAFB-016	GWK016-2111	1/5/2021	N		WG	Production_1Q2021	E504	N	1	680-193557-1	106-93-4
KAFB-016	GWK016-2111	1/5/2021	N		WG	Production_1Q2021	E524.2	N	1	680-193557-1	71-43-2
KAFB-016	GWK016-2111	1/5/2021	N		WG	Production_1Q2021	E524.2	N	1	680-193557-1	100-41-4
KAFB-016	GWK016-2111	1/5/2021	N		WG	Production_1Q2021	E524.2	N	1	680-193557-1	108-88-3
KAFB-016	GWK016-2111	1/5/2021	N		WG	Production_1Q2021	E524.2	N	1	680-193557-1	1330-20-7
KAFB-003	GWK003-2111	1/5/2021	N		WG	Production_1Q2021	E504	N	1	680-193557-1	106-93-4
KAFB-003	GWK003-2111	1/5/2021	N		WG	Production_1Q2021	E524.2	N	1	680-193557-1	71-43-2
KAFB-003	GWK003-2111	1/5/2021	N		WG	Production_1Q2021	E524.2	N	1	680-193557-1	100-41-4
KAFB-003	GWK003-2111	1/5/2021	N		WG	Production_1Q2021	E524.2	N	1	680-193557-1	108-88-3
KAFB-003	GWK003-2111	1/5/2021	N		WG	Production_1Q2021	E524.2	N	1	680-193557-1	1330-20-7
ST106-VA2	GWVA2-2111	1/5/2021	N		WG	Production_1Q2021	E504	N	1	680-193557-1	106-93-4
ST106-VA2	GWVA2-6111	1/5/2021	FD		WG	Production_1Q2021	E504	N	1	680-193557-1	106-93-4
ST106-VA2	GWVA2-2111	1/5/2021	N		WG	Production_1Q2021	E524.2	N	1	680-193557-1	71-43-2
ST106-VA2	GWVA2-6111	1/5/2021	FD		WG	Production_1Q2021	E524.2	N	1	680-193557-1	71-43-2
ST106-VA2	GWVA2-2111	1/5/2021	N		WG	Production_1Q2021	E524.2	N	1	680-193557-1	100-41-4
ST106-VA2	GWVA2-6111	1/5/2021	FD		WG	Production_1Q2021	E524.2	N	1	680-193557-1	100-41-4
ST106-VA2	GWVA2-2111	1/5/2021	N		WG	Production_1Q2021	E524.2	N	1	680-193557-1	108-88-3
ST106-VA2	GWVA2-6111	1/5/2021	FD		WG	Production_1Q2021	E524.2	N	1	680-193557-1	108-88-3
ST106-VA2	GWVA2-2111	1/5/2021	N		WG	Production_1Q2021	E524.2	N	1	680-193557-1	1330-20-7
ST106-VA2	GWVA2-6111	1/5/2021	FD		WG	Production_1Q2021	E524.2	N	1	680-193557-1	1330-20-7
KAFB-016	GWK016-2112	2/10/2021	N		WG	Production_1Q2021	E504	N	1	680-195105-1	106-93-4
KAFB-016	GWK016-2112	2/10/2021	N		WG	Production_1Q2021	E524.2	N	1	680-195105-1	71-43-2
KAFB-016	GWK016-2112	2/10/2021	N		WG	Production_1Q2021	E524.2	N	1	680-195105-1	100-41-4
KAFB-016	GWK016-2112	2/10/2021	N		WG	Production_1Q2021	E524.2	N	1	680-195105-1	108-88-3
KAFB-016	GWK016-2112	2/10/2021	N		WG	Production_1Q2021	E524.2	N	1	680-195105-1	1330-20-7
KAFB-015	GWK015-2112	2/10/2021	N		WG	Production_1Q2021	E504	N	1	680-195105-1	106-93-4
KAFB-015	GWK015-2112	2/10/2021	N		WG	Production_1Q2021	E524.2	N	1	680-195105-1	71-43-2
KAFB-015	GWK015-2112	2/10/2021	N		WG	Production_1Q2021	E524.2	N	1	680-195105-1	100-41-4
KAFB-015	GWK015-2112	2/10/2021	N		WG	Production_1Q2021	E524.2	N	1	680-195105-1	108-88-3
KAFB-015	GWK015-2112	2/10/2021	N		WG	Production_1Q2021	E524.2	N	1	680-195105-1	1330-20-7
KAFB-003	GWK003-2112	2/10/2021	N		WG	Production_1Q2021	E504	N	1	680-195105-1	106-93-4
KAFB-003	GWK003-2112	2/10/2021	N		WG	Production_1Q2021	E524.2	N	1	680-195105-1	71-43-2
KAFB-003	GWK003-2112	2/10/2021	N		WG	Production_1Q2021	E524.2	N	1	680-195105-1	100-41-4
KAFB-003	GWK003-2112	2/10/2021	N		WG	Production_1Q2021	E524.2	N	1	680-195105-1	108-88-3
KAFB-003	GWK003-2112	2/10/2021	N		WG	Production_1Q2021	E524.2	N	1	680-195105-1	1330-20-7
KAFB-016	GWK016-2113	3/9/2021	N		WG	Production_1Q2021	E504	N	1	680-196031-1	106-93-4
KAFB-016	GWK016-2113	3/9/2021	N		WG	Production_1Q2021	E524.2	N	1	680-196031-1	71-43-2
KAFB-016	GWK016-2113	3/9/2021	N		WG	Production_1Q2021	E524.2	N	1	680-196031-1	100-41-4
KAFB-016	GWK016-2113	3/9/2021	N		WG	Production_1Q2021	E524.2	N	1	680-196031-1	108-88-3
KAFB-016	GWK016-2113	3/9/2021	N		WG	Production_1Q2021	E524.2	N	1	680-196031-1	1330-20-7
KAFB-003	GWK003-2113	3/9/2021	N		WG	Production_1Q2021	E504	N	1	680-196031-1	106-93-4
KAFB-003	GWK003-2113	3/9/2021	N		WG	Production_1Q2021	E524.2	N	1	680-196031-1	71-43-2

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_fac	lab_report[a]	cas_rn
KAFB-003	GWK003-2113	3/9/2021	N		WG	Production_1Q2021	E524.2	N	1	680-196031-1	100-41-4
KAFB-003	GWK003-2113	3/9/2021	N		WG	Production_1Q2021	E524.2	N	1	680-196031-1	108-88-3
KAFB-003	GWK003-2113	3/9/2021	N		WG	Production_1Q2021	E524.2	N	1	680-196031-1	1330-20-7
ST106-VA2	GWVA2-2113	3/9/2021	N		WG	Production_1Q2021	E504	N	1	680-196031-1	106-93-4
ST106-VA2	GWVA2-6113	3/9/2021	FD		WG	Production_1Q2021	E504	N	1	680-196031-1	106-93-4
ST106-VA2	GWVA2-2113	3/9/2021	N		WG	Production_1Q2021	E524.2	N	1	680-196031-1	71-43-2
ST106-VA2	GWVA2-6113	3/9/2021	FD		WG	Production_1Q2021	E524.2	N	1	680-196031-1	71-43-2
ST106-VA2	GWVA2-2113	3/9/2021	N		WG	Production_1Q2021	E524.2	N	1	680-196031-1	100-41-4
ST106-VA2	GWVA2-6113	3/9/2021	FD		WG	Production_1Q2021	E524.2	N	1	680-196031-1	100-41-4
ST106-VA2	GWVA2-2113	3/9/2021	N		WG	Production_1Q2021	E524.2	N	1	680-196031-1	108-88-3
ST106-VA2	GWVA2-6113	3/9/2021	FD		WG	Production_1Q2021	E524.2	N	1	680-196031-1	108-88-3
ST106-VA2	GWVA2-2113	3/9/2021	N		WG	Production_1Q2021	E524.2	N	1	680-196031-1	1330-20-7
ST106-VA2	GWVA2-6113	3/9/2021	FD		WG	Production_1Q2021	E524.2	N	1	680-196031-1	1330-20-7

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/Dlc
KAFB-016	GWK016-2021-1	4/16/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-016	GWK016-2021-1	4/16/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-016	GWK016-2021-1	4/16/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-016	GWK016-2021-1	4/16/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2021-1	4/16/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2021-1	4/16/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-003	GWK003-2021-1	4/16/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-003	GWK003-2021-1	4/16/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-003	GWK003-2021-1	4/16/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2021-1	4/16/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2021-1	4/16/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0024
ST106-VA2	GWVA2-2021-1	4/16/2020	Benzene	< 0.5	U	ug/l	N	0.082
ST106-VA2	GWVA2-2021-1	4/16/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
ST106-VA2	GWVA2-2021-1	4/16/2020	Toluene	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2021-1	4/16/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2022	5/5/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-016	GWK016-2022	5/5/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-016	GWK016-2022	5/5/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-016	GWK016-2022	5/5/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2022	5/5/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2022	5/5/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0024
KAFB-003	GWK003-2022	5/5/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-003	GWK003-2022	5/5/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-003	GWK003-2022	5/5/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2022	5/5/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2022	5/5/2020	1,2-Dibromoethane	< 0.017	U	ug/l	N	0.0024
ST106-VA2	GWVA2-6022	5/5/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
ST106-VA2	GWVA2-2022	5/5/2020	Benzene	< 0.5	U	ug/l	N	0.082
ST106-VA2	GWVA2-6022	5/5/2020	Benzene	< 0.5	U	ug/l	N	0.082
ST106-VA2	GWVA2-2022	5/5/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
ST106-VA2	GWVA2-6022	5/5/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
ST106-VA2	GWVA2-2022	5/5/2020	Toluene	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-6022	5/5/2020	Toluene	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2022	5/5/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-6022	5/5/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2023	6/2/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-016	GWK016-2023	6/2/2020	Alkalinity, bicarbonate (as CaCO3)	94		mg/l	Y	8
KAFB-016	GWK016-2023	6/2/2020	Alkalinity, carbonate (as CaCO3)	< 6	U	mg/l	N	8
KAFB-016	GWK016-2023	6/2/2020	Alkalinity, total (as CaCO3)	94		mg/l	Y	8
KAFB-016	GWK016-2023	6/2/2020	Arsenic	0.024		mg/l	Y	0.00068
KAFB-016	GWK016-2023	6/2/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-016	GWK016-2023	6/2/2020	Bromide	< 2	UJ	mg/l	N	1.3
KAFB-016	GWK016-2023	6/2/2020	Calcium	50		mg/l	Y	0.096
KAFB-016	GWK016-2023	6/2/2020	Chloride	59	J	mg/l	Y	1
KAFB-016	GWK016-2023	6/2/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-016	GWK016-2023	6/2/2020	Iron	< 0.1	U	mg/l	N	0.041
KAFB-016	GWK016-2023	6/2/2020	Lead	0.0037		mg/l	Y	0.000071
KAFB-016	GWK016-2023	6/2/2020	Magnesium	5.9		mg/l	Y	0.04
KAFB-016	GWK016-2023	6/2/2020	Manganese	0.0064	J	mg/l	Y	0.0031
KAFB-016	GWK016-2023	6/2/2020	Nitrogen as nitrate + nitrite	< 0.09	U	mg/l	N	0.04
KAFB-016	GWK016-2023	6/2/2020	Nitrogen, ammonia	< 0.86	U	mg/l	N	0.36
KAFB-016	GWK016-2023	6/2/2020	Potassium	4		mg/l	Y	0.2
KAFB-016	GWK016-2023	6/2/2020	Sodium	31		mg/l	Y	0.24
KAFB-016	GWK016-2023	6/2/2020	Sulfate	32		mg/l	Y	1.5
KAFB-016	GWK016-2023	6/2/2020	Sulfide	< 1.5	U	mg/l	N	0.7

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/Dlc
KAFB-016	GWK016-2023	6/2/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2023	6/2/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-015	GWK015-2023	6/2/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-015	GWK015-2023	6/2/2020	Alkalinity, bicarbonate (as CaCO3)	93		mg/l	Y	8
KAFB-015	GWK015-2023	6/2/2020	Alkalinity, carbonate (as CaCO3)	< 6	U	mg/l	N	8
KAFB-015	GWK015-2023	6/2/2020	Alkalinity, total (as CaCO3)	93		mg/l	Y	8
KAFB-015	GWK015-2023	6/2/2020	Arsenic	0.017		mg/l	Y	0.00068
KAFB-015	GWK015-2023	6/2/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-015	GWK015-2023	6/2/2020	Bromide	< 2	UJ	mg/l	N	1.3
KAFB-015	GWK015-2023	6/2/2020	Calcium	32		mg/l	Y	0.096
KAFB-015	GWK015-2023	6/2/2020	Chloride	190	J	mg/l	Y	100
KAFB-015	GWK015-2023	6/2/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-015	GWK015-2023	6/2/2020	Iron	< 0.1	U	mg/l	N	0.041
KAFB-015	GWK015-2023	6/2/2020	Lead	0.00011	J	mg/l	Y	0.000071
KAFB-015	GWK015-2023	6/2/2020	Magnesium	8.3		mg/l	Y	0.04
KAFB-015	GWK015-2023	6/2/2020	Manganese	0.025		mg/l	Y	0.0031
KAFB-015	GWK015-2023	6/2/2020	Nitrogen as nitrate + nitrite	< 0.09	U	mg/l	N	0.04
KAFB-015	GWK015-2023	6/2/2020	Nitrogen, ammonia	< 0.6	U	mg/l	N	0.25
KAFB-015	GWK015-2023	6/2/2020	Potassium	7.2		mg/l	Y	0.2
KAFB-015	GWK015-2023	6/2/2020	Sodium	40		mg/l	Y	0.24
KAFB-015	GWK015-2023	6/2/2020	Sulfate	31		mg/l	Y	1.5
KAFB-015	GWK015-2023	6/2/2020	Sulfide	< 1.5	U	mg/l	N	0.7
KAFB-015	GWK015-2023	6/2/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-015	GWK015-2023	6/2/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2023	6/2/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-003	GWK003-2023	6/2/2020	Alkalinity, bicarbonate (as CaCO3)	110		mg/l	Y	8
KAFB-003	GWK003-2023	6/2/2020	Alkalinity, carbonate (as CaCO3)	< 6	U	mg/l	N	8
KAFB-003	GWK003-2023	6/2/2020	Alkalinity, total (as CaCO3)	110		mg/l	Y	8
KAFB-003	GWK003-2023	6/2/2020	Arsenic	0.00095	J	mg/l	Y	0.00068
KAFB-003	GWK003-2023	6/2/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-003	GWK003-2023	6/2/2020	Bromide	< 2	UJ	mg/l	N	1.3
KAFB-003	GWK003-2023	6/2/2020	Calcium	43		mg/l	Y	0.096
KAFB-003	GWK003-2023	6/2/2020	Chloride	24		mg/l	Y	1
KAFB-003	GWK003-2023	6/2/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-003	GWK003-2023	6/2/2020	Iron	< 0.1	U	mg/l	N	0.041
KAFB-003	GWK003-2023	6/2/2020	Lead	< 0.00025	U	mg/l	N	0.000071
KAFB-003	GWK003-2023	6/2/2020	Magnesium	5.9		mg/l	Y	0.04
KAFB-003	GWK003-2023	6/2/2020	Manganese	< 0.0052	U	mg/l	N	0.0031
KAFB-003	GWK003-2023	6/2/2020	Nitrogen as nitrate + nitrite	0.48		mg/l	Y	0.04
KAFB-003	GWK003-2023	6/2/2020	Nitrogen, ammonia	< 0.6	U	mg/l	N	0.25
KAFB-003	GWK003-2023	6/2/2020	Potassium	2.4		mg/l	Y	0.2
KAFB-003	GWK003-2023	6/2/2020	Sodium	23		mg/l	Y	0.24
KAFB-003	GWK003-2023	6/2/2020	Sulfate	31		mg/l	Y	1.5
KAFB-003	GWK003-2023	6/2/2020	Sulfide	< 1.5	U	mg/l	N	0.7
KAFB-003	GWK003-2023	6/2/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2023	6/2/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2023	6/2/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0024
ST106-VA2	GWVA2-2023	6/2/2020	Alkalinity, bicarbonate (as CaCO3)	100		mg/l	Y	8
ST106-VA2	GWVA2-6023	6/2/2020	Alkalinity, bicarbonate (as CaCO3)	100		mg/l	Y	8
ST106-VA2	GWVA2-2023	6/2/2020	Alkalinity, carbonate (as CaCO3)	< 6	U	mg/l	N	8
ST106-VA2	GWVA2-6023	6/2/2020	Alkalinity, carbonate (as CaCO3)	< 6	U	mg/l	N	8
ST106-VA2	GWVA2-2023	6/2/2020	Alkalinity, total (as CaCO3)	100		mg/l	Y	8
ST106-VA2	GWVA2-6023	6/2/2020	Alkalinity, total (as CaCO3)	100		mg/l	Y	8
ST106-VA2	GWVA2-2023	6/2/2020	Arsenic	0.0029		mg/l	Y	0.00068
ST106-VA2	GWVA2-6023	6/2/2020	Arsenic	0.0028		mg/l	Y	0.00068

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/Dlc
ST106-VA2	GWVA2-2023	6/2/2020	Benzene	< 0.5	U	ug/l	N	0.082
ST106-VA2	GWVA2-2023	6/2/2020	Bromide	< 2	UJ	mg/l	N	1.3
ST106-VA2	GWVA2-6023	6/2/2020	Bromide	< 2	UJ	mg/l	N	1.3
ST106-VA2	GWVA2-2023	6/2/2020	Calcium	40		mg/l	Y	0.096
ST106-VA2	GWVA2-6023	6/2/2020	Calcium	40		mg/l	Y	0.096
ST106-VA2	GWVA2-2023	6/2/2020	Chloride	40		mg/l	Y	10
ST106-VA2	GWVA2-6023	6/2/2020	Chloride	38	J	mg/l	Y	1
ST106-VA2	GWVA2-2023	6/2/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
ST106-VA2	GWVA2-2023	6/2/2020	Iron	< 0.1	U	mg/l	N	0.041
ST106-VA2	GWVA2-6023	6/2/2020	Iron	< 0.1	U	mg/l	N	0.041
ST106-VA2	GWVA2-2023	6/2/2020	Lead	0.00027	J	mg/l	Y	0.000071
ST106-VA2	GWVA2-6023	6/2/2020	Lead	0.00023	J	mg/l	Y	0.000071
ST106-VA2	GWVA2-2023	6/2/2020	Magnesium	8		mg/l	Y	0.04
ST106-VA2	GWVA2-6023	6/2/2020	Magnesium	8.1		mg/l	Y	0.04
ST106-VA2	GWVA2-2023	6/2/2020	Manganese	< 0.0052	U	mg/l	N	0.0031
ST106-VA2	GWVA2-6023	6/2/2020	Manganese	< 0.0052	U	mg/l	N	0.0031
ST106-VA2	GWVA2-2023	6/2/2020	Nitrogen as nitrate + nitrite	< 0.09	U	mg/l	N	0.04
ST106-VA2	GWVA2-6023	6/2/2020	Nitrogen as nitrate + nitrite	< 0.09	U	mg/l	N	0.04
ST106-VA2	GWVA2-2023	6/2/2020	Nitrogen, ammonia	< 0.6	U	mg/l	N	0.25
ST106-VA2	GWVA2-6023	6/2/2020	Nitrogen, ammonia	< 0.6	U	mg/l	N	0.25
ST106-VA2	GWVA2-2023	6/2/2020	Potassium	4.1		mg/l	Y	0.2
ST106-VA2	GWVA2-6023	6/2/2020	Potassium	4		mg/l	Y	0.2
ST106-VA2	GWVA2-2023	6/2/2020	Sodium	24		mg/l	Y	0.24
ST106-VA2	GWVA2-6023	6/2/2020	Sodium	23		mg/l	Y	0.24
ST106-VA2	GWVA2-2023	6/2/2020	Sulfate	27		mg/l	Y	1.5
ST106-VA2	GWVA2-6023	6/2/2020	Sulfate	26		mg/l	Y	1.5
ST106-VA2	GWVA2-2023	6/2/2020	Sulfide	< 1.5	U	mg/l	N	0.7
ST106-VA2	GWVA2-6023	6/2/2020	Sulfide	< 1.5	U	mg/l	N	0.7
ST106-VA2	GWVA2-2023	6/2/2020	Toluene	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2023	6/2/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2031	7/7/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-016	GWK016-2031	7/7/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-016	GWK016-2031	7/7/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-016	GWK016-2031	7/7/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2031	7/7/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-015	GWK015-2031	7/7/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0024
KAFB-015	GWK015-2031	7/7/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-015	GWK015-2031	7/7/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-015	GWK015-2031	7/7/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-015	GWK015-2031	7/7/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2031	7/7/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-003	GWK003-2031	7/7/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-003	GWK003-2031	7/7/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-003	GWK003-2031	7/7/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2031	7/7/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2031	7/7/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
ST106-VA2	GWVA2-6031	7/7/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
ST106-VA2	GWVA2-2031	7/7/2020	Benzene	< 0.5	U	ug/l	N	0.082
ST106-VA2	GWVA2-6031	7/7/2020	Benzene	< 0.5	U	ug/l	N	0.082
ST106-VA2	GWVA2-2031	7/7/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
ST106-VA2	GWVA2-6031	7/7/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
ST106-VA2	GWVA2-2031	7/7/2020	Toluene	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-6031	7/7/2020	Toluene	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2031	7/7/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-6031	7/7/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/Dlc
KAFB-016	GWK016-2032	8/4/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-016	GWK016-2032	8/4/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-016	GWK016-2032	8/4/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-016	GWK016-2032	8/4/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2032	8/4/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2032	8/4/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-003	GWK003-2032	8/4/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-003	GWK003-2032	8/4/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-003	GWK003-2032	8/4/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2032	8/4/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-015	GWK015-2032	8/4/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-015	GWK015-2032	8/4/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-015	GWK015-2032	8/4/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-015	GWK015-2032	8/4/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-015	GWK015-2032	8/4/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2032	8/4/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
ST106-VA2	GWVA2-2032	8/4/2020	Benzene	< 0.5	U	ug/l	N	0.082
ST106-VA2	GWVA2-2032	8/4/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
ST106-VA2	GWVA2-2032	8/4/2020	Toluene	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2032	8/4/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2033	9/1/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-016	GWK016-2033	9/1/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-016	GWK016-2033	9/1/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-016	GWK016-2033	9/1/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2033	9/1/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-015	GWK015-2033	9/1/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-015	GWK015-2033	9/1/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-015	GWK015-2033	9/1/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-015	GWK015-2033	9/1/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-015	GWK015-2033	9/1/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2033	9/1/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-003	GWK003-2033	9/1/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-003	GWK003-2033	9/1/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-003	GWK003-2033	9/1/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2033	9/1/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2033	9/1/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
ST106-VA2	GWVA2-6033	9/1/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0024
ST106-VA2	GWVA2-2033	9/1/2020	Benzene	< 0.5	U	ug/l	N	0.082
ST106-VA2	GWVA2-6033	9/1/2020	Benzene	< 0.5	U	ug/l	N	0.082
ST106-VA2	GWVA2-2033	9/1/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
ST106-VA2	GWVA2-6033	9/1/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
ST106-VA2	GWVA2-2033	9/1/2020	Toluene	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-6033	9/1/2020	Toluene	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2033	9/1/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-6033	9/1/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2041	10/6/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-016	GWK016-2041	10/6/2020	Alkalinity, bicarbonate (as CaCO3)	93		mg/l	Y	8
KAFB-016	GWK016-2041	10/6/2020	Alkalinity, carbonate (as CaCO3)	< 6	U	mg/l	N	8
KAFB-016	GWK016-2041	10/6/2020	Alkalinity, total (as CaCO3)	93		mg/l	Y	8
KAFB-016	GWK016-2041	10/6/2020	Arsenic	0.023	J	mg/l	Y	0.00068
KAFB-016	GWK016-2041	10/6/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-016	GWK016-2041	10/6/2020	Bromide	< 2	U	mg/l	N	1.3
KAFB-016	GWK016-2041	10/6/2020	Calcium	45		mg/l	Y	0.096
KAFB-016	GWK016-2041	10/6/2020	Chloride	62		mg/l	Y	10
KAFB-016	GWK016-2041	10/6/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/Dlc
KAFB-016	GWK016-2041	10/6/2020	Iron	< 0.1	UJ	mg/l	N	0.041
KAFB-016	GWK016-2041	10/6/2020	Lead	0.00013	J	mg/l	Y	0.000071
KAFB-016	GWK016-2041	10/6/2020	Magnesium	5.2		mg/l	Y	0.04
KAFB-016	GWK016-2041	10/6/2020	Manganese	0.0066	J	mg/l	Y	0.0031
KAFB-016	GWK016-2041	10/6/2020	Nitrogen as nitrate + nitrite	< 0.09	U	mg/l	N	0.04
KAFB-016	GWK016-2041	10/6/2020	Nitrogen, ammonia	< 0.6	U	mg/l	N	0.25
KAFB-016	GWK016-2041	10/6/2020	Potassium	3.6		mg/l	Y	0.2
KAFB-016	GWK016-2041	10/6/2020	Sodium	27		mg/l	Y	0.24
KAFB-016	GWK016-2041	10/6/2020	Sulfate	31		mg/l	Y	1.5
KAFB-016	GWK016-2041	10/6/2020	Sulfide	0.94	J	mg/l	Y	0.7
KAFB-016	GWK016-2041	10/6/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2041	10/6/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-015	GWK015-2041	10/6/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-015	GWK015-2041	10/6/2020	Alkalinity, bicarbonate (as CaCO3)	94		mg/l	Y	8
KAFB-015	GWK015-2041	10/6/2020	Alkalinity, carbonate (as CaCO3)	< 6	U	mg/l	N	8
KAFB-015	GWK015-2041	10/6/2020	Alkalinity, total (as CaCO3)	94		mg/l	Y	8
KAFB-015	GWK015-2041	10/6/2020	Arsenic	0.015		mg/l	Y	0.00068
KAFB-015	GWK015-2041	10/6/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-015	GWK015-2041	10/6/2020	Bromide	< 2	U	mg/l	N	1.3
KAFB-015	GWK015-2041	10/6/2020	Calcium	29		mg/l	Y	0.096
KAFB-015	GWK015-2041	10/6/2020	Chloride	59		mg/l	Y	10
KAFB-015	GWK015-2041	10/6/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-015	GWK015-2041	10/6/2020	Iron	< 0.1	U	mg/l	N	0.041
KAFB-015	GWK015-2041	10/6/2020	Lead	0.00014	J	mg/l	Y	0.000071
KAFB-015	GWK015-2041	10/6/2020	Magnesium	7.3		mg/l	Y	0.04
KAFB-015	GWK015-2041	10/6/2020	Manganese	0.025		mg/l	Y	0.0031
KAFB-015	GWK015-2041	10/6/2020	Nitrogen as nitrate + nitrite	< 0.09	U	mg/l	N	0.04
KAFB-015	GWK015-2041	10/6/2020	Nitrogen, ammonia	< 0.6	U	mg/l	N	0.25
KAFB-015	GWK015-2041	10/6/2020	Potassium	6.4		mg/l	Y	0.2
KAFB-015	GWK015-2041	10/6/2020	Sodium	35		mg/l	Y	0.24
KAFB-015	GWK015-2041	10/6/2020	Sulfate	31		mg/l	Y	1.5
KAFB-015	GWK015-2041	10/6/2020	Sulfide	< 1.5	U	mg/l	N	0.7
KAFB-015	GWK015-2041	10/6/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-015	GWK015-2041	10/6/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2041	10/6/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-003	GWK003-2041	10/6/2020	Alkalinity, bicarbonate (as CaCO3)	110		mg/l	Y	8
KAFB-003	GWK003-2041	10/6/2020	Alkalinity, carbonate (as CaCO3)	< 6	U	mg/l	N	8
KAFB-003	GWK003-2041	10/6/2020	Alkalinity, total (as CaCO3)	110		mg/l	Y	8
KAFB-003	GWK003-2041	10/6/2020	Arsenic	< 0.0016	U	mg/l	N	0.00068
KAFB-003	GWK003-2041	10/6/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-003	GWK003-2041	10/6/2020	Bromide	< 2	U	mg/l	N	1.3
KAFB-003	GWK003-2041	10/6/2020	Calcium	40		mg/l	Y	0.096
KAFB-003	GWK003-2041	10/6/2020	Chloride	25		mg/l	Y	1
KAFB-003	GWK003-2041	10/6/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-003	GWK003-2041	10/6/2020	Iron	< 0.1	U	mg/l	N	0.041
KAFB-003	GWK003-2041	10/6/2020	Lead	0.00033	J	mg/l	Y	0.000071
KAFB-003	GWK003-2041	10/6/2020	Magnesium	5		mg/l	Y	0.04
KAFB-003	GWK003-2041	10/6/2020	Manganese	< 0.0052	U	mg/l	N	0.0031
KAFB-003	GWK003-2041	10/6/2020	Nitrogen as nitrate + nitrite	0.41		mg/l	Y	0.04
KAFB-003	GWK003-2041	10/6/2020	Nitrogen, ammonia	< 0.6	U	mg/l	N	0.25
KAFB-003	GWK003-2041	10/6/2020	Potassium	2.4		mg/l	Y	0.2
KAFB-003	GWK003-2041	10/6/2020	Sodium	23		mg/l	Y	0.24
KAFB-003	GWK003-2041	10/6/2020	Sulfate	31		mg/l	Y	1.5
KAFB-003	GWK003-2041	10/6/2020	Sulfide	0.75	J	mg/l	Y	0.7
KAFB-003	GWK003-2041	10/6/2020	Toluene	< 0.5	U	ug/l	N	0.086

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/Dlc
KAFB-003	GWK003-2041	10/6/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2041	10/6/2020	1,2-Dibromoethane	< 0.017	U	ug/l	N	0.0024
ST106-VA2	GWVA2-2041	10/6/2020	Alkalinity, bicarbonate (as CaCO3)	100		mg/l	Y	8
ST106-VA2	GWVA2-2041	10/6/2020	Alkalinity, carbonate (as CaCO3)	< 6	U	mg/l	N	8
ST106-VA2	GWVA2-2041	10/6/2020	Alkalinity, total (as CaCO3)	100		mg/l	Y	8
ST106-VA2	GWVA2-2041	10/6/2020	Arsenic	0.0017	J	mg/l	Y	0.00068
ST106-VA2	GWVA2-2041	10/6/2020	Benzene	< 0.5	U	ug/l	N	0.082
ST106-VA2	GWVA2-2041	10/6/2020	Bromide	< 2	U	mg/l	N	1.3
ST106-VA2	GWVA2-2041	10/6/2020	Calcium	34		mg/l	Y	0.096
ST106-VA2	GWVA2-2041	10/6/2020	Chloride	30		mg/l	Y	1
ST106-VA2	GWVA2-2041	10/6/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
ST106-VA2	GWVA2-2041	10/6/2020	Iron	< 0.1	U	mg/l	N	0.041
ST106-VA2	GWVA2-2041	10/6/2020	Lead	0.00043	J	mg/l	Y	0.000071
ST106-VA2	GWVA2-2041	10/6/2020	Magnesium	6.4		mg/l	Y	0.04
ST106-VA2	GWVA2-2041	10/6/2020	Manganese	< 0.0052	U	mg/l	N	0.0031
ST106-VA2	GWVA2-2041	10/6/2020	Nitrogen as nitrate + nitrite	< 0.09	U	mg/l	N	0.04
ST106-VA2	GWVA2-2041	10/6/2020	Nitrogen, ammonia	< 0.6	U	mg/l	N	0.25
ST106-VA2	GWVA2-2041	10/6/2020	Potassium	3.4		mg/l	Y	0.2
ST106-VA2	GWVA2-2041	10/6/2020	Sodium	22		mg/l	Y	0.24
ST106-VA2	GWVA2-2041	10/6/2020	Sulfate	26		mg/l	Y	1.5
ST106-VA2	GWVA2-2041	10/6/2020	Sulfide	< 1.5	U	mg/l	N	0.7
ST106-VA2	GWVA2-2041	10/6/2020	Toluene	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2041	10/6/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2042	11/3/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-016	GWK016-2042	11/3/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-016	GWK016-2042	11/3/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-016	GWK016-2042	11/3/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2042	11/3/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-015	GWK015-2042	11/3/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-015	GWK015-2042	11/3/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-015	GWK015-2042	11/3/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-015	GWK015-2042	11/3/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-015	GWK015-2042	11/3/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2042	11/3/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-003	GWK003-2042	11/3/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-003	GWK003-2042	11/3/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-003	GWK003-2042	11/3/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2042	11/3/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2042	11/3/2020	1,2-Dibromoethane	< 0.017	U	ug/l	N	0.0024
ST106-VA2	GWVA2-6042	11/3/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
ST106-VA2	GWVA2-2042	11/3/2020	Benzene	< 0.5	U	ug/l	N	0.082
ST106-VA2	GWVA2-6042	11/3/2020	Benzene	< 0.5	U	ug/l	N	0.082
ST106-VA2	GWVA2-2042	11/3/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
ST106-VA2	GWVA2-6042	11/3/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
ST106-VA2	GWVA2-2042	11/3/2020	Toluene	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-6042	11/3/2020	Toluene	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2042	11/3/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-6042	11/3/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2043	12/1/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-016	GWK016-2043	12/1/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-016	GWK016-2043	12/1/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-016	GWK016-2043	12/1/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2043	12/1/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-015	GWK015-2043	12/1/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-015	GWK015-2043	12/1/2020	Benzene	< 0.5	U	ug/l	N	0.082

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/Dlc
KAFB-015	GWK015-2043	12/1/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-015	GWK015-2043	12/1/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-015	GWK015-2043	12/1/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2043	12/1/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0024
KAFB-003	GWK003-2043	12/1/2020	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-003	GWK003-2043	12/1/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-003	GWK003-2043	12/1/2020	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2043	12/1/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2043	12/1/2020	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0024
ST106-VA2	GWVA2-2043	12/1/2020	Benzene	< 0.5	U	ug/l	N	0.082
ST106-VA2	GWVA2-2043	12/1/2020	Ethylbenzene	< 0.5	U	ug/l	N	0.099
ST106-VA2	GWVA2-2043	12/1/2020	Toluene	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2043	12/1/2020	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2111	1/5/2021	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-016	GWK016-2111	1/5/2021	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-016	GWK016-2111	1/5/2021	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-016	GWK016-2111	1/5/2021	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2111	1/5/2021	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2111	1/5/2021	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-003	GWK003-2111	1/5/2021	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-003	GWK003-2111	1/5/2021	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-003	GWK003-2111	1/5/2021	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2111	1/5/2021	Xylenes, total	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2111	1/5/2021	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
ST106-VA2	GWVA2-6111	1/5/2021	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
ST106-VA2	GWVA2-2111	1/5/2021	Benzene	< 0.5	U	ug/l	N	0.082
ST106-VA2	GWVA2-6111	1/5/2021	Benzene	< 0.5	U	ug/l	N	0.082
ST106-VA2	GWVA2-2111	1/5/2021	Ethylbenzene	< 0.5	U	ug/l	N	0.099
ST106-VA2	GWVA2-6111	1/5/2021	Ethylbenzene	< 0.5	U	ug/l	N	0.099
ST106-VA2	GWVA2-2111	1/5/2021	Toluene	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-6111	1/5/2021	Toluene	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2111	1/5/2021	Xylenes, total	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-6111	1/5/2021	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2112	2/10/2021	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-016	GWK016-2112	2/10/2021	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-016	GWK016-2112	2/10/2021	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-016	GWK016-2112	2/10/2021	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2112	2/10/2021	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-015	GWK015-2112	2/10/2021	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0025
KAFB-015	GWK015-2112	2/10/2021	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-015	GWK015-2112	2/10/2021	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-015	GWK015-2112	2/10/2021	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-015	GWK015-2112	2/10/2021	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2112	2/10/2021	1,2-Dibromoethane	< 0.018	U	ug/l	N	0.0024
KAFB-003	GWK003-2112	2/10/2021	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-003	GWK003-2112	2/10/2021	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-003	GWK003-2112	2/10/2021	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2112	2/10/2021	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2113	3/9/2021	1,2-Dibromoethane	< 0.017	U	ug/l	N	0.0024
KAFB-016	GWK016-2113	3/9/2021	Benzene	< 0.5	U	ug/l	N	0.082
KAFB-016	GWK016-2113	3/9/2021	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-016	GWK016-2113	3/9/2021	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-016	GWK016-2113	3/9/2021	Xylenes, total	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2113	3/9/2021	1,2-Dibromoethane	< 0.017	U	ug/l	N	0.0024
KAFB-003	GWK003-2113	3/9/2021	Benzene	< 0.5	U	ug/l	N	0.082

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/Dlc
KAFB-003	GWK003-2113	3/9/2021	Ethylbenzene	< 0.5	U	ug/l	N	0.099
KAFB-003	GWK003-2113	3/9/2021	Toluene	< 0.5	U	ug/l	N	0.086
KAFB-003	GWK003-2113	3/9/2021	Xylenes, total	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2113	3/9/2021	1,2-Dibromoethane	< 0.017	U	ug/l	N	0.0024
ST106-VA2	GWVA2-6113	3/9/2021	1,2-Dibromoethane	< 0.017	U	ug/l	N	0.0024
ST106-VA2	GWVA2-2113	3/9/2021	Benzene	< 0.5	U	ug/l	N	0.082
ST106-VA2	GWVA2-6113	3/9/2021	Benzene	< 0.5	U	ug/l	N	0.082
ST106-VA2	GWVA2-2113	3/9/2021	Ethylbenzene	< 0.5	U	ug/l	N	0.099
ST106-VA2	GWVA2-6113	3/9/2021	Ethylbenzene	< 0.5	U	ug/l	N	0.099
ST106-VA2	GWVA2-2113	3/9/2021	Toluene	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-6113	3/9/2021	Toluene	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-2113	3/9/2021	Xylenes, total	< 0.5	U	ug/l	N	0.086
ST106-VA2	GWVA2-6113	3/9/2021	Xylenes, total	< 0.5	U	ug/l	N	0.086

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	reporting_detection_limit/LOD[d]	quantitation_limit/LOQ/PQ	detection_	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]
KAFB-016	GWK016-2021-1	4/16/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-016	GWK016-2021-1	4/16/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-016	GWK016-2021-1	4/16/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-016	GWK016-2021-1	4/16/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-016	GWK016-2021-1	4/16/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-003	GWK003-2021-1	4/16/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-003	GWK003-2021-1	4/16/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-003	GWK003-2021-1	4/16/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-003	GWK003-2021-1	4/16/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-003	GWK003-2021-1	4/16/2020	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-2021-1	4/16/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-2021-1	4/16/2020	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-2021-1	4/16/2020	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-2021-1	4/16/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-2021-1	4/16/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-016	GWK016-2022	5/5/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-016	GWK016-2022	5/5/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-016	GWK016-2022	5/5/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-016	GWK016-2022	5/5/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-016	GWK016-2022	5/5/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-003	GWK003-2022	5/5/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-003	GWK003-2022	5/5/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-003	GWK003-2022	5/5/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-003	GWK003-2022	5/5/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-003	GWK003-2022	5/5/2020	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-2022	5/5/2020	0.017	0.017	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-6022	5/5/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-2022	5/5/2020	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-6022	5/5/2020	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-2022	5/5/2020	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-6022	5/5/2020	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-2022	5/5/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-6022	5/5/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-2022	5/5/2020	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-6022	5/5/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-016	GWK016-2023	6/2/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-016	GWK016-2023	6/2/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2023	6/2/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2023	6/2/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2023	6/2/2020	0.0016	0.002	mg/l	0.01	0.01	0.00052	0.01
KAFB-016	GWK016-2023	6/2/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-016	GWK016-2023	6/2/2020	2	2.5	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2023	6/2/2020	0.15	0.2	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2023	6/2/2020	1.5	2	mg/l	250	250	NS	250
KAFB-016	GWK016-2023	6/2/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-016	GWK016-2023	6/2/2020	0.1	0.21	mg/l	1.0	NS	NS	1
KAFB-016	GWK016-2023	6/2/2020	0.00025	0.0005	mg/l	0.015	0.015	0.015	0.015
KAFB-016	GWK016-2023	6/2/2020	0.075	0.1	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2023	6/2/2020	0.0052	0.01	mg/l	0.2	NS	NS	0.2
KAFB-016	GWK016-2023	6/2/2020	0.09	0.1	mg/l	10	10	NS	10
KAFB-016	GWK016-2023	6/2/2020	0.86	1.1	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2023	6/2/2020	0.38	0.5	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2023	6/2/2020	0.5	1	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2023	6/2/2020	4.5	5	mg/l	600	250	NS	250
KAFB-016	GWK016-2023	6/2/2020	1.5	2	mg/l	NS	NS	NS	NS

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	reporting_detection_limit/LOD[d]	quantitation_limit/LOQ/PQ	detection_	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]
KAFB-016	GWK016-2023	6/2/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-016	GWK016-2023	6/2/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-015	GWK015-2023	6/2/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-015	GWK015-2023	6/2/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2023	6/2/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2023	6/2/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2023	6/2/2020	0.0016	0.002	mg/l	0.01	0.01	0.00052	0.01
KAFB-015	GWK015-2023	6/2/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-015	GWK015-2023	6/2/2020	2	2.5	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2023	6/2/2020	0.15	0.2	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2023	6/2/2020	150	200	mg/l	250	250	NS	250
KAFB-015	GWK015-2023	6/2/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-015	GWK015-2023	6/2/2020	0.1	0.21	mg/l	1.0	NS	NS	1
KAFB-015	GWK015-2023	6/2/2020	0.00025	0.0005	mg/l	0.015	0.015	0.015	0.015
KAFB-015	GWK015-2023	6/2/2020	0.075	0.1	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2023	6/2/2020	0.0052	0.01	mg/l	0.2	NS	NS	0.2
KAFB-015	GWK015-2023	6/2/2020	0.09	0.1	mg/l	10	10	NS	10
KAFB-015	GWK015-2023	6/2/2020	0.6	0.75	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2023	6/2/2020	0.38	0.5	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2023	6/2/2020	0.5	1	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2023	6/2/2020	4.5	5	mg/l	600	250	NS	250
KAFB-015	GWK015-2023	6/2/2020	1.5	2	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2023	6/2/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-015	GWK015-2023	6/2/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-003	GWK003-2023	6/2/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-003	GWK003-2023	6/2/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2023	6/2/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2023	6/2/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2023	6/2/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2023	6/2/2020	0.0016	0.002	mg/l	0.01	0.01	0.00052	0.01
KAFB-003	GWK003-2023	6/2/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-003	GWK003-2023	6/2/2020	2	2.5	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2023	6/2/2020	0.15	0.2	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2023	6/2/2020	1.5	2	mg/l	250	250	NS	250
KAFB-003	GWK003-2023	6/2/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-003	GWK003-2023	6/2/2020	0.1	0.21	mg/l	1.0	NS	NS	1
KAFB-003	GWK003-2023	6/2/2020	0.00025	0.0005	mg/l	0.015	0.015	0.015	0.015
KAFB-003	GWK003-2023	6/2/2020	0.075	0.1	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2023	6/2/2020	0.0052	0.01	mg/l	0.2	NS	NS	0.2
KAFB-003	GWK003-2023	6/2/2020	0.09	0.1	mg/l	10	10	NS	10
KAFB-003	GWK003-2023	6/2/2020	0.6	0.75	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2023	6/2/2020	0.38	0.5	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2023	6/2/2020	0.5	1	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2023	6/2/2020	4.5	5	mg/l	600	250	NS	250
KAFB-003	GWK003-2023	6/2/2020	1.5	2	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2023	6/2/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-003	GWK003-2023	6/2/2020	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-2023	6/2/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-2023	6/2/2020	6	8	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-6023	6/2/2020	6	8	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2023	6/2/2020	6	8	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-6023	6/2/2020	6	8	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2023	6/2/2020	6	8	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-6023	6/2/2020	6	8	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2023	6/2/2020	0.0016	0.002	mg/l	0.01	0.01	0.00052	0.01
ST106-VA2	GWVA2-6023	6/2/2020	0.0016	0.002	mg/l	0.01	0.01	0.00052	0.01

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	reporting_detection_limit/LOD[d]	quantitation_limit/LOQ/PQ	detection_	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]
ST106-VA2	GWVA2-2023	6/2/2020	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-2023	6/2/2020	2	2.5	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-6023	6/2/2020	2	2.5	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2023	6/2/2020	0.15	0.2	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-6023	6/2/2020	0.15	0.2	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2023	6/2/2020	15	20	mg/l	250	250	NS	250
ST106-VA2	GWVA2-6023	6/2/2020	1.5	2	mg/l	250	250	NS	250
ST106-VA2	GWVA2-2023	6/2/2020	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-2023	6/2/2020	0.1	0.21	mg/l	1.0	NS	NS	1
ST106-VA2	GWVA2-6023	6/2/2020	0.1	0.21	mg/l	1.0	NS	NS	1
ST106-VA2	GWVA2-2023	6/2/2020	0.00025	0.0005	mg/l	0.015	0.015	0.015	0.015
ST106-VA2	GWVA2-6023	6/2/2020	0.00025	0.0005	mg/l	0.015	0.015	0.015	0.015
ST106-VA2	GWVA2-2023	6/2/2020	0.075	0.1	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-6023	6/2/2020	0.075	0.1	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2023	6/2/2020	0.0052	0.01	mg/l	0.2	NS	NS	0.2
ST106-VA2	GWVA2-6023	6/2/2020	0.0052	0.01	mg/l	0.2	NS	NS	0.2
ST106-VA2	GWVA2-2023	6/2/2020	0.09	0.1	mg/l	10	10	NS	10
ST106-VA2	GWVA2-6023	6/2/2020	0.09	0.1	mg/l	10	10	NS	10
ST106-VA2	GWVA2-2023	6/2/2020	0.6	0.75	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-6023	6/2/2020	0.6	0.75	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2023	6/2/2020	0.38	0.5	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-6023	6/2/2020	0.38	0.5	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2023	6/2/2020	0.5	1	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-6023	6/2/2020	0.5	1	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2023	6/2/2020	4.5	5	mg/l	600	250	NS	250
ST106-VA2	GWVA2-6023	6/2/2020	4.5	5	mg/l	600	250	NS	250
ST106-VA2	GWVA2-2023	6/2/2020	1.5	2	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-6023	6/2/2020	1.5	2	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2023	6/2/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-2023	6/2/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-016	GWK016-2031	7/7/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-016	GWK016-2031	7/7/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-016	GWK016-2031	7/7/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-016	GWK016-2031	7/7/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-016	GWK016-2031	7/7/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-015	GWK015-2031	7/7/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-015	GWK015-2031	7/7/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-015	GWK015-2031	7/7/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-015	GWK015-2031	7/7/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-015	GWK015-2031	7/7/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-003	GWK003-2031	7/7/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-003	GWK003-2031	7/7/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-003	GWK003-2031	7/7/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-003	GWK003-2031	7/7/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-003	GWK003-2031	7/7/2020	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-2031	7/7/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-6031	7/7/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-2031	7/7/2020	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-6031	7/7/2020	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-2031	7/7/2020	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-6031	7/7/2020	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-2031	7/7/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-6031	7/7/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-2031	7/7/2020	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-6031	7/7/2020	0.5	0.5	ug/l	620	10000	190	620

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	reporting_detection_limit/LOD[d]	quantitation_limit/LOQ/PQ	detection_	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]
KAFB-016	GWK016-2032	8/4/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-016	GWK016-2032	8/4/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-016	GWK016-2032	8/4/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-016	GWK016-2032	8/4/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-016	GWK016-2032	8/4/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-003	GWK003-2032	8/4/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-003	GWK003-2032	8/4/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-003	GWK003-2032	8/4/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-003	GWK003-2032	8/4/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-003	GWK003-2032	8/4/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-015	GWK015-2032	8/4/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-015	GWK015-2032	8/4/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-015	GWK015-2032	8/4/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-015	GWK015-2032	8/4/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-015	GWK015-2032	8/4/2020	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-2032	8/4/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-2032	8/4/2020	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-2032	8/4/2020	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-2032	8/4/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-2032	8/4/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-016	GWK016-2033	9/1/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-016	GWK016-2033	9/1/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-016	GWK016-2033	9/1/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-016	GWK016-2033	9/1/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-016	GWK016-2033	9/1/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-015	GWK015-2033	9/1/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-015	GWK015-2033	9/1/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-015	GWK015-2033	9/1/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-015	GWK015-2033	9/1/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-015	GWK015-2033	9/1/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-003	GWK003-2033	9/1/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-003	GWK003-2033	9/1/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-003	GWK003-2033	9/1/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-003	GWK003-2033	9/1/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-003	GWK003-2033	9/1/2020	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-2033	9/1/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-6033	9/1/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-2033	9/1/2020	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-6033	9/1/2020	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-2033	9/1/2020	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-6033	9/1/2020	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-2033	9/1/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-6033	9/1/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-2033	9/1/2020	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-6033	9/1/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-016	GWK016-2041	10/6/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-016	GWK016-2041	10/6/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2041	10/6/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2041	10/6/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2041	10/6/2020	0.0016	0.002	mg/l	0.01	0.01	0.00052	0.01
KAFB-016	GWK016-2041	10/6/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-016	GWK016-2041	10/6/2020	2	2.5	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2041	10/6/2020	0.15	0.2	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2041	10/6/2020	15	20	mg/l	250	250	NS	250
KAFB-016	GWK016-2041	10/6/2020	0.5	0.5	ug/l	750	700	15	700

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	reporting_detection_limit/LOD[d]	quantitation_limit/LOQ/PQ	detection_	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]
KAFB-016	GWK016-2041	10/6/2020	0.1	0.21	mg/l	1.0	NS	NS	1
KAFB-016	GWK016-2041	10/6/2020	0.00025	0.0005	mg/l	0.015	0.015	0.015	0.015
KAFB-016	GWK016-2041	10/6/2020	0.075	0.1	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2041	10/6/2020	0.0052	0.01	mg/l	0.2	NS	NS	0.2
KAFB-016	GWK016-2041	10/6/2020	0.09	0.1	mg/l	10	10	NS	10
KAFB-016	GWK016-2041	10/6/2020	0.6	0.75	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2041	10/6/2020	0.38	0.5	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2041	10/6/2020	0.5	1	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2041	10/6/2020	4.5	5	mg/l	600	250	NS	250
KAFB-016	GWK016-2041	10/6/2020	1.5	2	mg/l	NS	NS	NS	NS
KAFB-016	GWK016-2041	10/6/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-016	GWK016-2041	10/6/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-015	GWK015-2041	10/6/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-015	GWK015-2041	10/6/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2041	10/6/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2041	10/6/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2041	10/6/2020	0.0016	0.002	mg/l	0.01	0.01	0.00052	0.01
KAFB-015	GWK015-2041	10/6/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-015	GWK015-2041	10/6/2020	2	2.5	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2041	10/6/2020	0.15	0.2	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2041	10/6/2020	15	20	mg/l	250	250	NS	250
KAFB-015	GWK015-2041	10/6/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-015	GWK015-2041	10/6/2020	0.1	0.21	mg/l	1.0	NS	NS	1
KAFB-015	GWK015-2041	10/6/2020	0.00025	0.0005	mg/l	0.015	0.015	0.015	0.015
KAFB-015	GWK015-2041	10/6/2020	0.075	0.1	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2041	10/6/2020	0.0052	0.01	mg/l	0.2	NS	NS	0.2
KAFB-015	GWK015-2041	10/6/2020	0.09	0.1	mg/l	10	10	NS	10
KAFB-015	GWK015-2041	10/6/2020	0.6	0.75	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2041	10/6/2020	0.38	0.5	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2041	10/6/2020	0.5	1	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2041	10/6/2020	4.5	5	mg/l	600	250	NS	250
KAFB-015	GWK015-2041	10/6/2020	1.5	2	mg/l	NS	NS	NS	NS
KAFB-015	GWK015-2041	10/6/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-015	GWK015-2041	10/6/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-003	GWK003-2041	10/6/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-003	GWK003-2041	10/6/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2041	10/6/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2041	10/6/2020	6	8	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2041	10/6/2020	0.0016	0.002	mg/l	0.01	0.01	0.00052	0.01
KAFB-003	GWK003-2041	10/6/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-003	GWK003-2041	10/6/2020	2	2.5	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2041	10/6/2020	0.15	0.2	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2041	10/6/2020	1.5	2	mg/l	250	250	NS	250
KAFB-003	GWK003-2041	10/6/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-003	GWK003-2041	10/6/2020	0.1	0.21	mg/l	1.0	NS	NS	1
KAFB-003	GWK003-2041	10/6/2020	0.00025	0.0005	mg/l	0.015	0.015	0.015	0.015
KAFB-003	GWK003-2041	10/6/2020	0.075	0.1	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2041	10/6/2020	0.0052	0.01	mg/l	0.2	NS	NS	0.2
KAFB-003	GWK003-2041	10/6/2020	0.09	0.1	mg/l	10	10	NS	10
KAFB-003	GWK003-2041	10/6/2020	0.6	0.75	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2041	10/6/2020	0.38	0.5	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2041	10/6/2020	0.5	1	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2041	10/6/2020	4.5	5	mg/l	600	250	NS	250
KAFB-003	GWK003-2041	10/6/2020	1.5	2	mg/l	NS	NS	NS	NS
KAFB-003	GWK003-2041	10/6/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	reporting_detection_limit/LOD[d]	quantitation_limit/LOQ/PQ	detection_	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]
KAFB-003	GWK003-2041	10/6/2020	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-2041	10/6/2020	0.017	0.017	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-2041	10/6/2020	6	8	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2041	10/6/2020	6	8	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2041	10/6/2020	6	8	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2041	10/6/2020	0.0016	0.002	mg/l	0.01	0.01	0.00052	0.01
ST106-VA2	GWVA2-2041	10/6/2020	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-2041	10/6/2020	2	2.5	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2041	10/6/2020	0.15	0.2	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2041	10/6/2020	1.5	2	mg/l	250	250	NS	250
ST106-VA2	GWVA2-2041	10/6/2020	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-2041	10/6/2020	0.1	0.21	mg/l	1.0	NS	NS	1
ST106-VA2	GWVA2-2041	10/6/2020	0.00025	0.0005	mg/l	0.015	0.015	0.015	0.015
ST106-VA2	GWVA2-2041	10/6/2020	0.075	0.1	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2041	10/6/2020	0.0052	0.01	mg/l	0.2	NS	NS	0.2
ST106-VA2	GWVA2-2041	10/6/2020	0.09	0.1	mg/l	10	10	NS	10
ST106-VA2	GWVA2-2041	10/6/2020	0.6	0.75	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2041	10/6/2020	0.38	0.5	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2041	10/6/2020	0.5	1	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2041	10/6/2020	4.5	5	mg/l	600	250	NS	250
ST106-VA2	GWVA2-2041	10/6/2020	1.5	2	mg/l	NS	NS	NS	NS
ST106-VA2	GWVA2-2041	10/6/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-2041	10/6/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-016	GWK016-2042	11/3/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-016	GWK016-2042	11/3/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-016	GWK016-2042	11/3/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-016	GWK016-2042	11/3/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-016	GWK016-2042	11/3/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-015	GWK015-2042	11/3/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-015	GWK015-2042	11/3/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-015	GWK015-2042	11/3/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-015	GWK015-2042	11/3/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-015	GWK015-2042	11/3/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-003	GWK003-2042	11/3/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-003	GWK003-2042	11/3/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-003	GWK003-2042	11/3/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-003	GWK003-2042	11/3/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-003	GWK003-2042	11/3/2020	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-2042	11/3/2020	0.017	0.017	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-6042	11/3/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-2042	11/3/2020	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-6042	11/3/2020	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-2042	11/3/2020	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-6042	11/3/2020	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-2042	11/3/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-6042	11/3/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-2042	11/3/2020	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-6042	11/3/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-016	GWK016-2043	12/1/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-016	GWK016-2043	12/1/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-016	GWK016-2043	12/1/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-016	GWK016-2043	12/1/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-016	GWK016-2043	12/1/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-015	GWK015-2043	12/1/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-015	GWK015-2043	12/1/2020	0.5	0.5	ug/l	10	5	4.6	5

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	reporting_detection_limit/LOD[d]	quantitation_limit/LOQ/PQ	detection_	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]
KAFB-015	GWK015-2043	12/1/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-015	GWK015-2043	12/1/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-015	GWK015-2043	12/1/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-003	GWK003-2043	12/1/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-003	GWK003-2043	12/1/2020	0.5	0.5	ug/l	10	5	4.6	5
KAFB-003	GWK003-2043	12/1/2020	0.5	0.5	ug/l	750	700	15	700
KAFB-003	GWK003-2043	12/1/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-003	GWK003-2043	12/1/2020	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-2043	12/1/2020	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-2043	12/1/2020	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-2043	12/1/2020	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-2043	12/1/2020	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-2043	12/1/2020	0.5	0.5	ug/l	620	10000	190	620
KAFB-016	GWK016-2111	1/5/2021	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-016	GWK016-2111	1/5/2021	0.5	0.5	ug/l	10	5	4.6	5
KAFB-016	GWK016-2111	1/5/2021	0.5	0.5	ug/l	750	700	15	700
KAFB-016	GWK016-2111	1/5/2021	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-016	GWK016-2111	1/5/2021	0.5	0.5	ug/l	620	10000	190	620
KAFB-003	GWK003-2111	1/5/2021	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-003	GWK003-2111	1/5/2021	0.5	0.5	ug/l	10	5	4.6	5
KAFB-003	GWK003-2111	1/5/2021	0.5	0.5	ug/l	750	700	15	700
KAFB-003	GWK003-2111	1/5/2021	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-003	GWK003-2111	1/5/2021	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-2111	1/5/2021	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-6111	1/5/2021	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-2111	1/5/2021	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-6111	1/5/2021	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-2111	1/5/2021	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-6111	1/5/2021	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-2111	1/5/2021	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-6111	1/5/2021	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-2111	1/5/2021	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-6111	1/5/2021	0.5	0.5	ug/l	620	10000	190	620
KAFB-016	GWK016-2112	2/10/2021	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-016	GWK016-2112	2/10/2021	0.5	0.5	ug/l	10	5	4.6	5
KAFB-016	GWK016-2112	2/10/2021	0.5	0.5	ug/l	750	700	15	700
KAFB-016	GWK016-2112	2/10/2021	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-016	GWK016-2112	2/10/2021	0.5	0.5	ug/l	620	10000	190	620
KAFB-015	GWK015-2112	2/10/2021	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-015	GWK015-2112	2/10/2021	0.5	0.5	ug/l	10	5	4.6	5
KAFB-015	GWK015-2112	2/10/2021	0.5	0.5	ug/l	750	700	15	700
KAFB-015	GWK015-2112	2/10/2021	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-015	GWK015-2112	2/10/2021	0.5	0.5	ug/l	620	10000	190	620
KAFB-003	GWK003-2112	2/10/2021	0.018	0.018	ug/l	0.05	0.05	0.075	0.05
KAFB-003	GWK003-2112	2/10/2021	0.5	0.5	ug/l	10	5	4.6	5
KAFB-003	GWK003-2112	2/10/2021	0.5	0.5	ug/l	750	700	15	700
KAFB-003	GWK003-2112	2/10/2021	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-003	GWK003-2112	2/10/2021	0.5	0.5	ug/l	620	10000	190	620
KAFB-016	GWK016-2113	3/9/2021	0.017	0.017	ug/l	0.05	0.05	0.075	0.05
KAFB-016	GWK016-2113	3/9/2021	0.5	0.5	ug/l	10	5	4.6	5
KAFB-016	GWK016-2113	3/9/2021	0.5	0.5	ug/l	750	700	15	700
KAFB-016	GWK016-2113	3/9/2021	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-016	GWK016-2113	3/9/2021	0.5	0.5	ug/l	620	10000	190	620
KAFB-003	GWK003-2113	3/9/2021	0.017	0.017	ug/l	0.05	0.05	0.075	0.05
KAFB-003	GWK003-2113	3/9/2021	0.5	0.5	ug/l	10	5	4.6	5

Table F-3-2
Historical Drinking Water Supply Well Analytical Data from the Current and Previous Three Quarters

sys_loc_code	sample_name	sample_date	reporting_detection_limit/LOD[d]	quantitation_limit/LOQ/PQ	detection_	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]
KAFB-003	GWK003-2113	3/9/2021	0.5	0.5	ug/l	750	700	15	700
KAFB-003	GWK003-2113	3/9/2021	0.5	0.5	ug/l	1,000	1000	1100	1,000
KAFB-003	GWK003-2113	3/9/2021	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-2113	3/9/2021	0.017	0.017	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-6113	3/9/2021	0.017	0.017	ug/l	0.05	0.05	0.075	0.05
ST106-VA2	GWVA2-2113	3/9/2021	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-6113	3/9/2021	0.5	0.5	ug/l	10	5	4.6	5
ST106-VA2	GWVA2-2113	3/9/2021	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-6113	3/9/2021	0.5	0.5	ug/l	750	700	15	700
ST106-VA2	GWVA2-2113	3/9/2021	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-6113	3/9/2021	0.5	0.5	ug/l	1,000	1000	1100	1,000
ST106-VA2	GWVA2-2113	3/9/2021	0.5	0.5	ug/l	620	10000	190	620
ST106-VA2	GWVA2-6113	3/9/2021	0.5	0.5	ug/l	620	10000	190	620

Appendix F-3
Footnotes to Tables F-3-1 and F-3-2

[a] Lab reports for are provided in Appendix F-2. Each report is bookmarked in the PDF using the lab report title referred to in this column.
[b] See individual lab reports for a description of lab qualifiers.
[c] The EPA MDL is equivalent to the DoD DL.
[d] The EPA RDL is equivalent to the DoD LOD.
[e] The EPA PQL is equivalent to the DoD LOQ.
[f] NMWQCC numeric standards per the NMAC Title 20.6.2.3101A, Standards for Ground Water of 10,000 mg/L Total Dissolved Solids Concentration or Less (NMAC 2018). For metals, the NMWQCC numeric standard applies to dissolved metals.
[g] EPA National Primary Drinking Water Regulations, MCLs and Secondary MCLs, Title 40CFR Part 141, 143 (May 2018).
[h] EPA Region 6 RSL for Tapwater (November 2020) for hazard index = 1.0 for noncarcinogens and a 10-5 cancer risk level for carcinogens.
[i] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NM WQCC numeric standard or (2) EPA MCL. If no NM WQCC standard or MCL exists for any analyte, then the project screening level will be the EPA RSL.
< = less than
µg/l = micrograms per liter
1Q2021 = first quarter, 2021
2Q2020 = second quarter, 2020
3Q2020 = third quarter, 2020
4Q2020 = fourth quarter, 2020
cas_rn = Chemical Abstract Service registry number
D = dissolved
DL = detection lmit
DoD = Department of Defense
EPA = U.S. Environmental Protection Agency
FD = field duplicate
ft = foot/feet
ID = identification
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
LOD = limit of detetion
LOQ = limit of quantitation
MCL = maximum contaminant level
MDL = method detection limit
mg/l = milligrams per liter
N (in "detect_flag" column) = no
N (in "fraction" column) = not applicable
N (in "sample_type_code" column)= normal
NM = New Mexico
NMAC = New Mexico Administrative Code
NS = not specificed
PQL = practical quantitation limit
Q1 = first quarter
RDL = report detection limit
RSL = regional screening level
T = total
U = Qualifier denotes the analyte was analyzed but not detected above the detection limit. The value associated with the U-qualifier is the LOD.
WQCC = Water Quality Control Commission
WG = groundwater
Y = yes

Appendix G-1

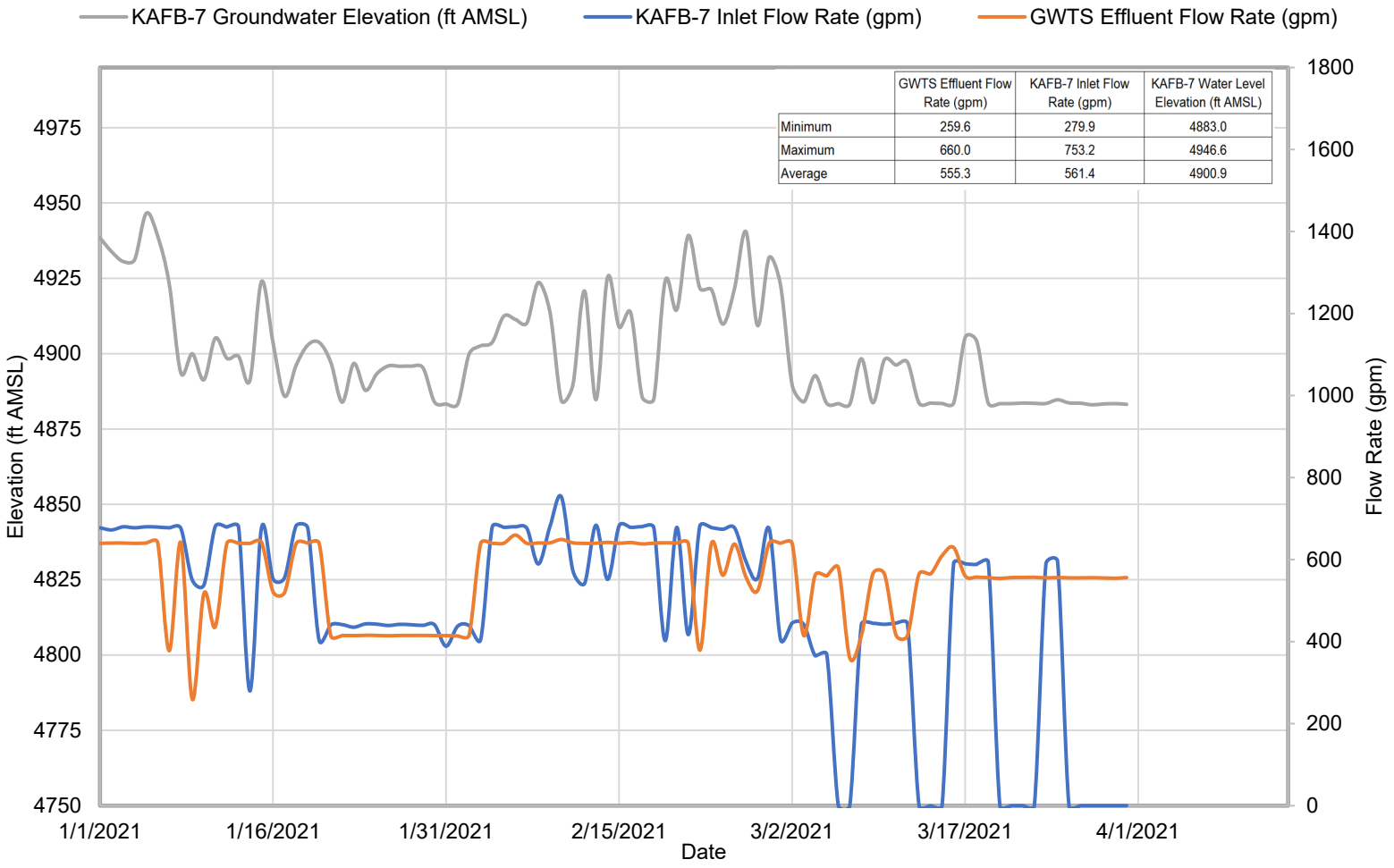
Groundwater Treatment System Plant

Operation and Maintenance Documentation

(January-March 2021)

Q1 2021 WELL PERFORMANCE FIGURES

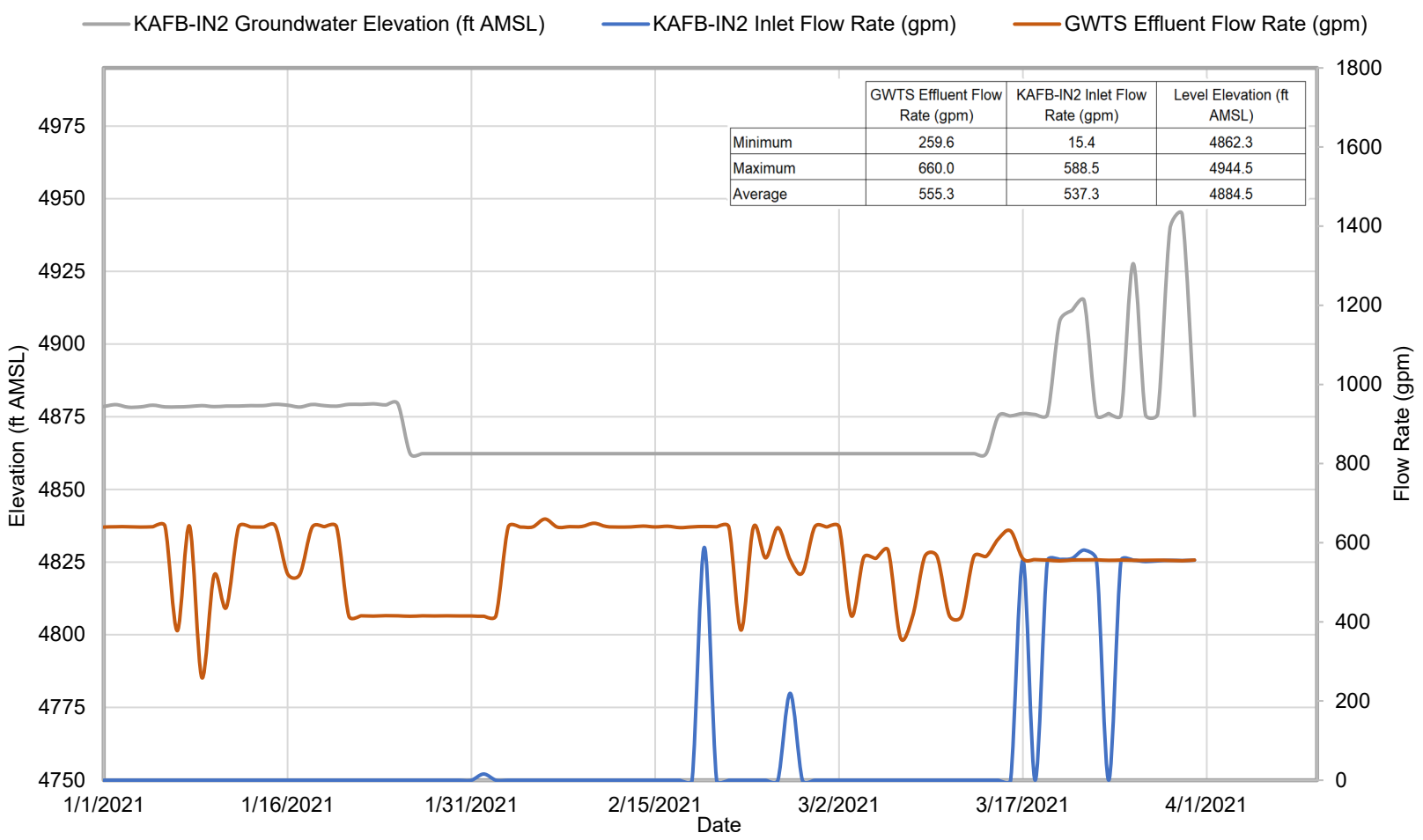
Figure G-1-1a
Well KAFB-7



	GWTS Effluent Flow Rate (gpm)	KAFB-7 Inlet Flow Rate (gpm)	KAFB-7 Water Level Elevation (ft AMSL)
Minimum	259.6	279.9	4883.0
Maximum	660.0	753.2	4946.6
Average	555.3	561.4	4900.9

AMSL = above mean sea level
ft = foot/feet
gpm = gallons per minute

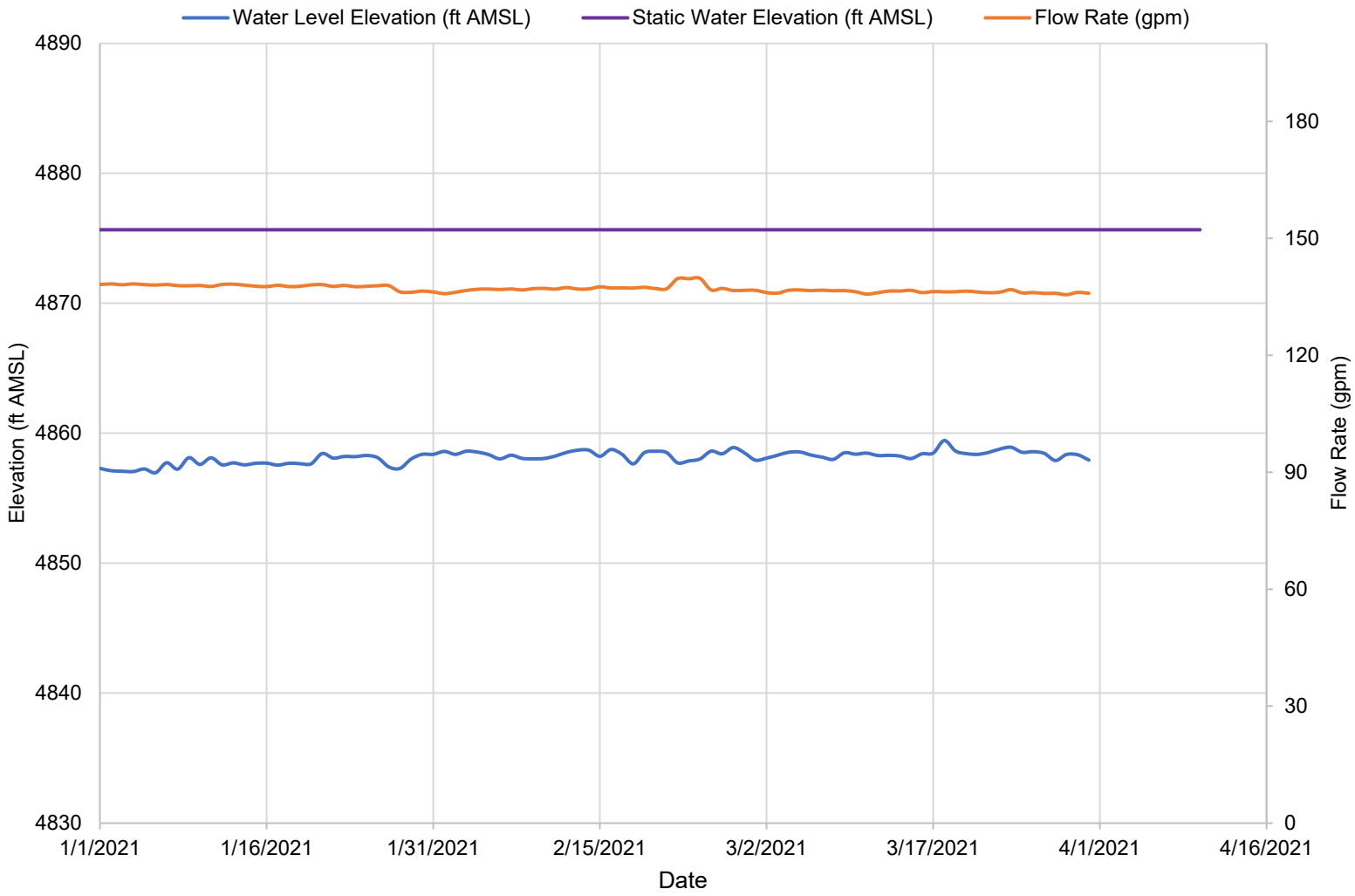
Figure G-1-1b
Well KAFB-IN2



	GWTS Effluent Flow Rate (gpm)	KAFB-IN2 Inlet Flow Rate (gpm)	Level Elevation (ft AMSL)
Minimum	259.6	15.4	4862.3
Maximum	660.0	588.5	4944.5
Average	555.3	537.3	4884.5

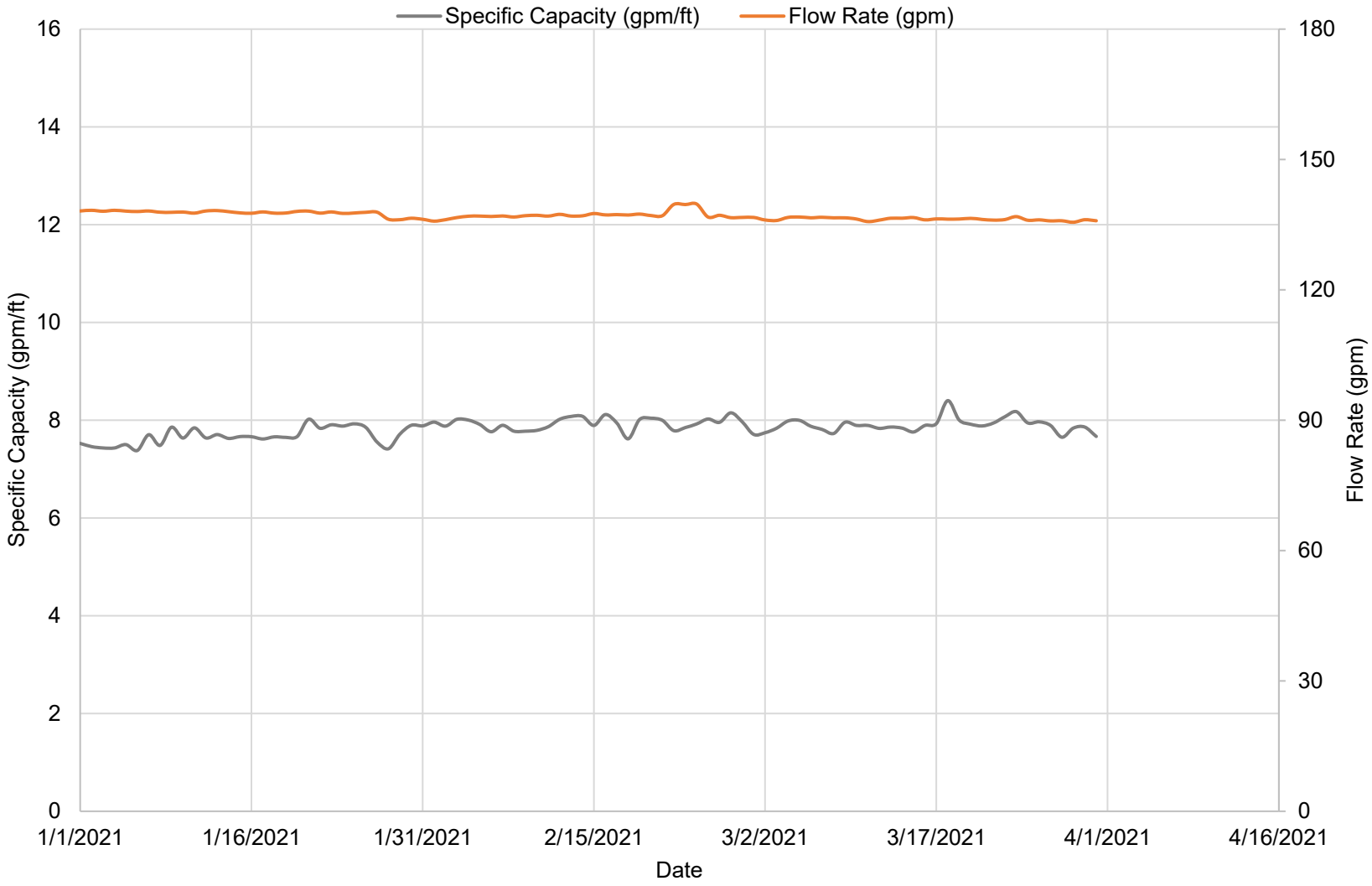
AMSL = above mean sea level
ft = foot/feet
gpm = gallons per minute

Figure G-1-2
KAFB-106228



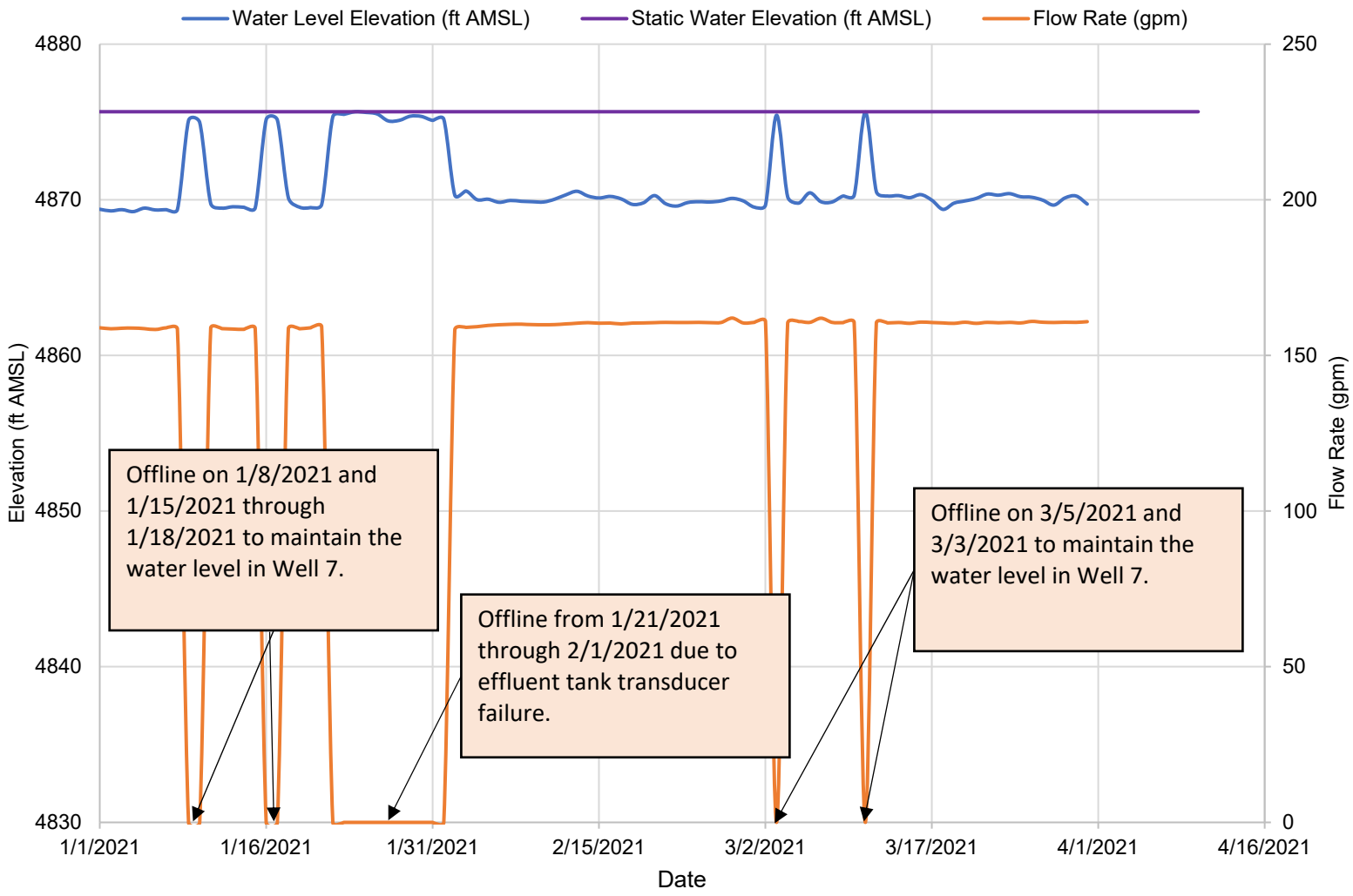
Water level elevation and flow rate are graphed from daily values.
Static water elevation is approximately groundwater elevation when GWTS is non-operational.
AMSL = above mean sea level
ft = foot/feet
gpm = gallons per minute

Figure G-1-3
KAFB-106228



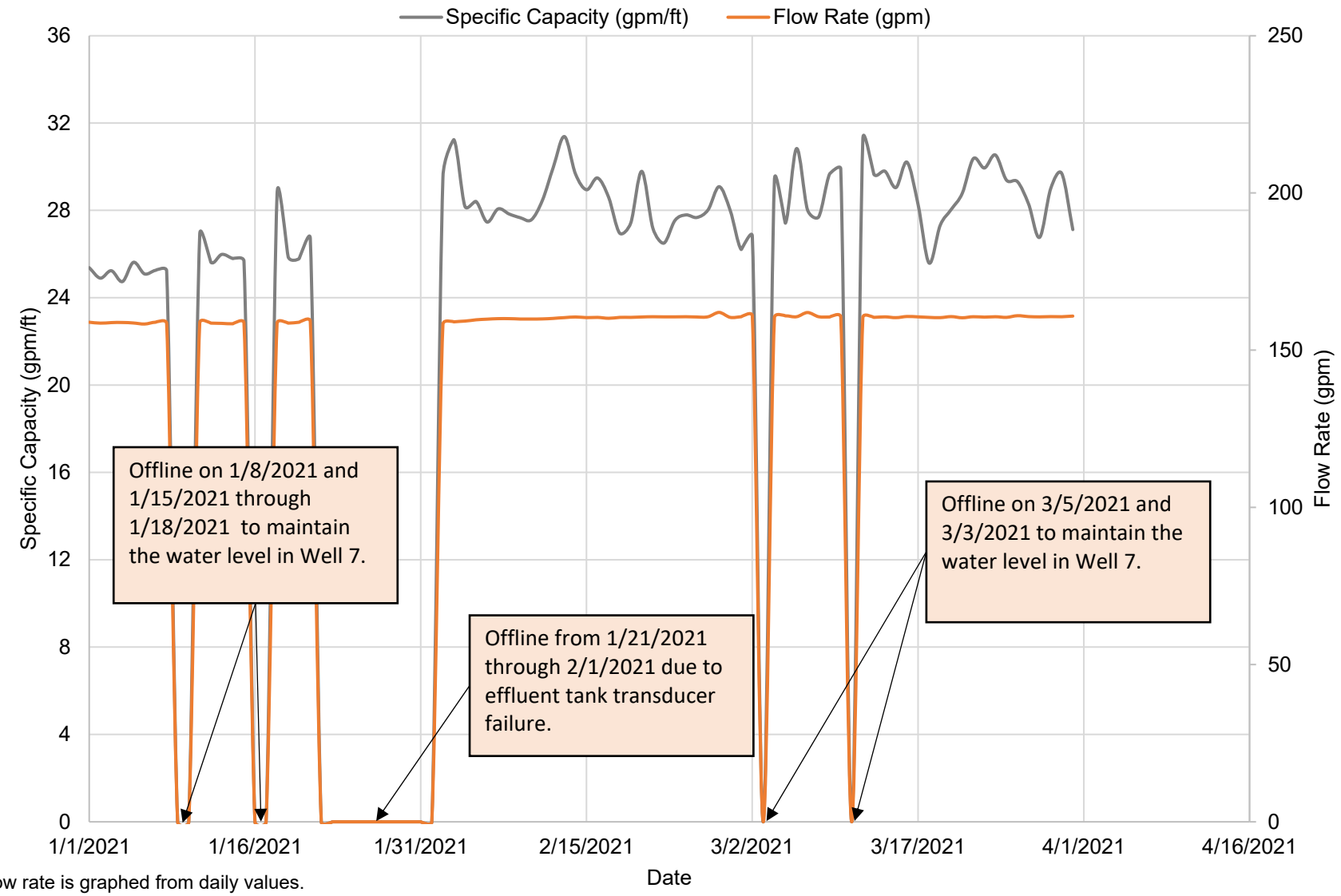
Flow rate is graphed from daily values.
ft = foot/feet
gpm = gallons per minute

Figure G-1-4
KAFB-106233



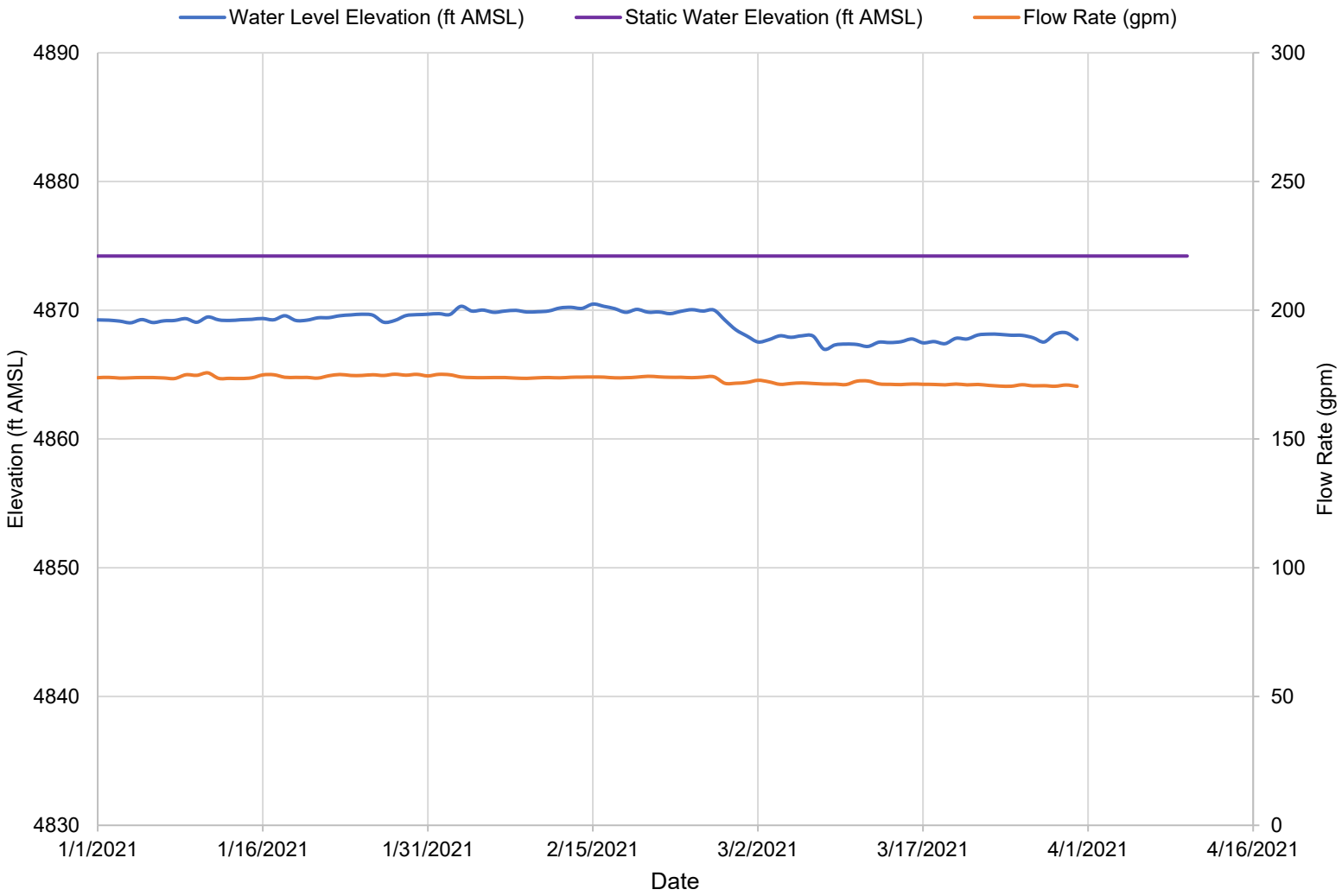
Water level elevation and flow rate are graphed from daily values.
Static water elevation is approximately groundwater elevation when GWTS is non-operational.
AMSL = above mean sea level
ft = foot/feet
gpm = gallons per minute

Figure G-1-5
KAFB-106233



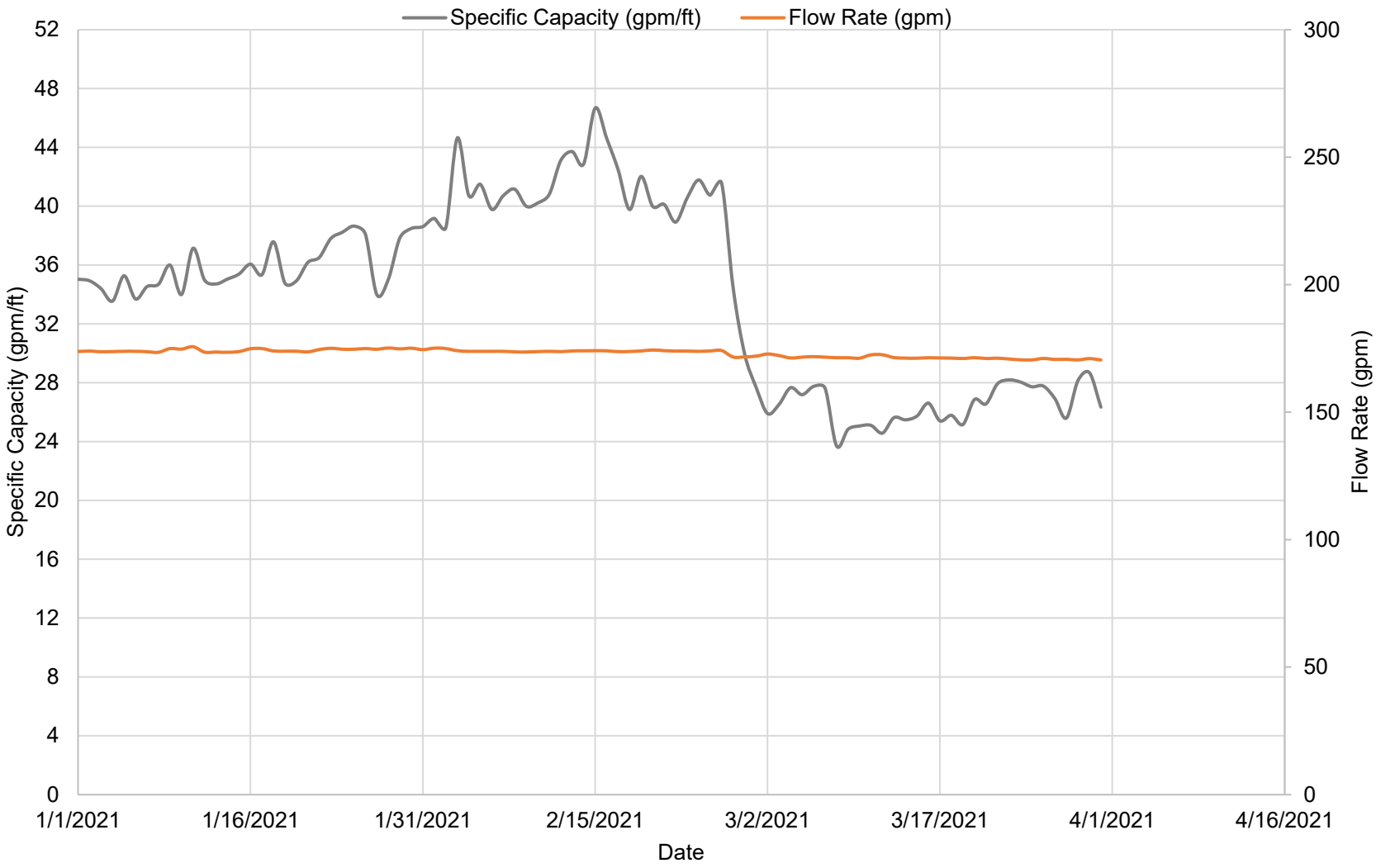
Flow rate is graphed from daily values.
ft = foot/feet
gpm = gallons per minute

Figure G-1-6
KAFB-106234



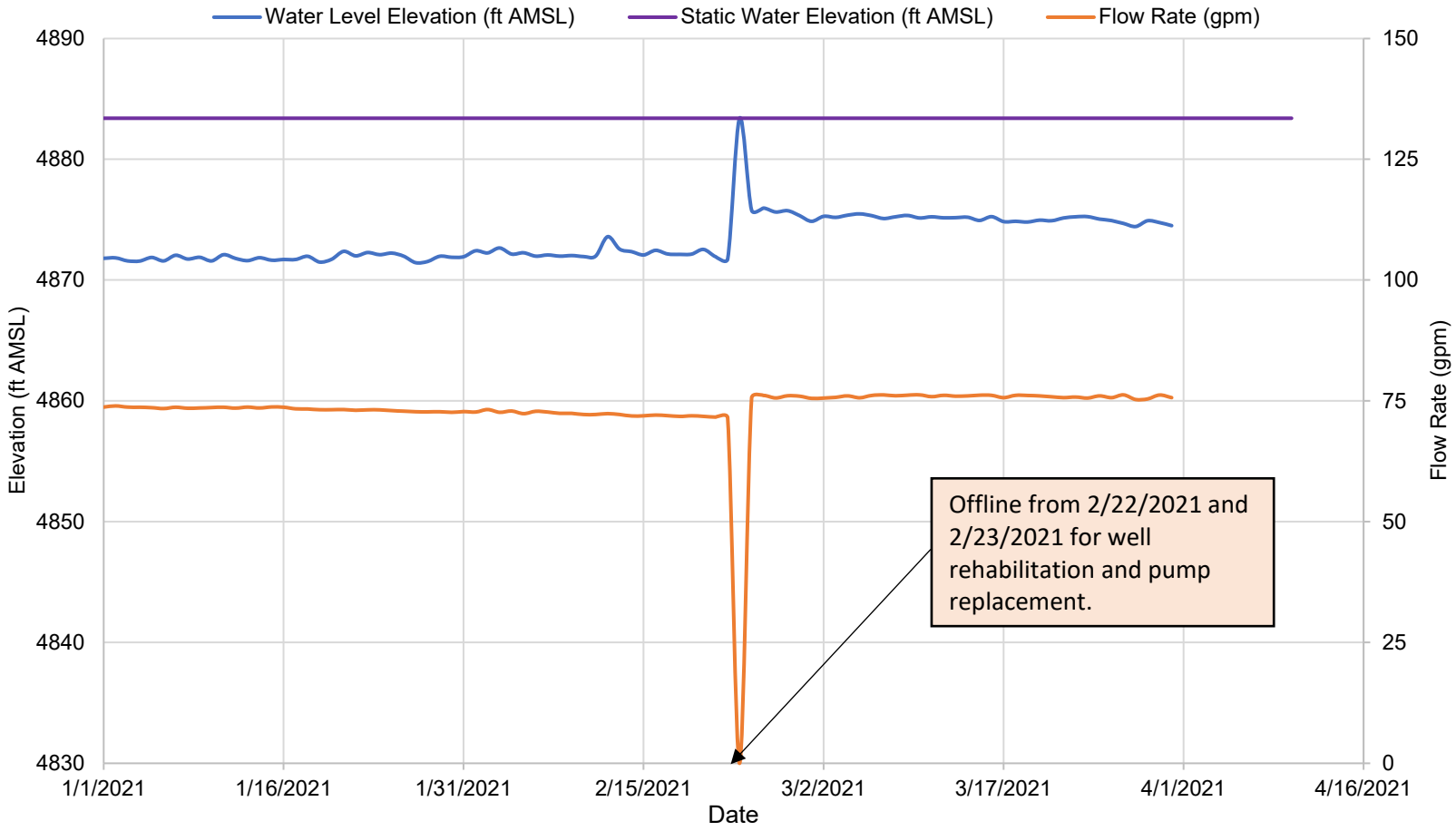
Water level and flow rate are graphed from daily values.
Static water elevation is approximately groundwater elevation when GWTS is non-operational.
AMSL = above mean sea level
ft = foot/feet
gpm = gallons per minute

Figure G-1-7
KAFB-106234



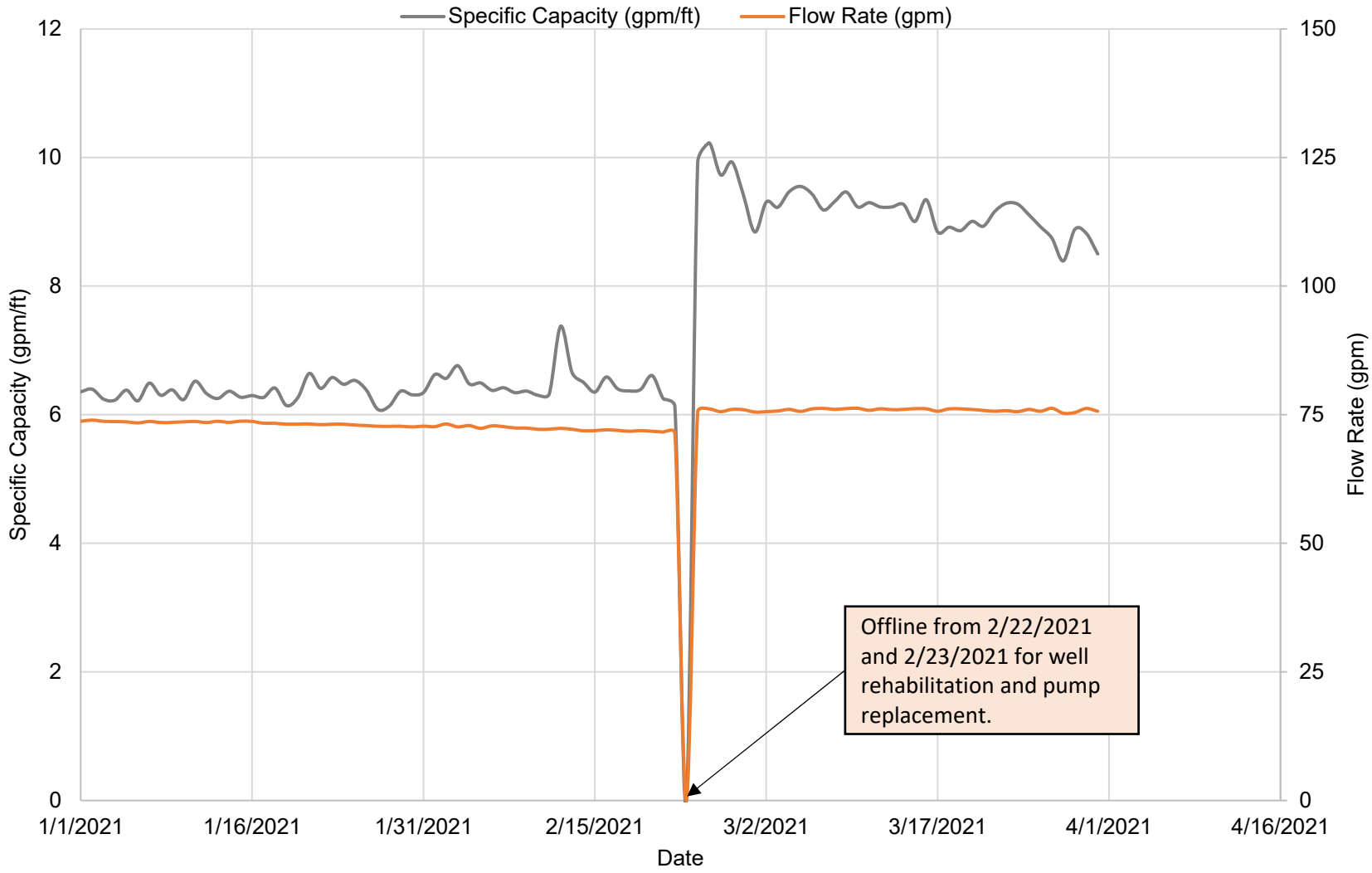
Flow rate is graphed from daily values.
ft = foot/feet
gpm = gallons per minute

Figure G-1-8
KAFB-106239



Water level and flow rate are graphed from daily values.
Static water elevation is approximately groundwater elevation when GWTS is non-operational.
AMSL = above mean sea level
ft = foot/feet
gpm = gallons per minute

Figure G-1-9
KAFB-106239



p

Flow rate is graphed from daily values.
ft = foot/feet
gpm = gallons per minute

Q1 2021 WELL PERFORMANCE TABLES

Table G-1-1
Extraction Well KAFB-106228 Performance Figure Data, Q1 2021

Date	Flow Rate (gpm)	WL Elevation (ft AMSL)	Drawdown (ft)	Specific Capacity (gpm/ft)	Transmissivity (gal/d•ft)
1/1/2021	138.16	4857.30	18.36	7.53	11287.58
1/2/2021	138.31	4857.12	18.54	7.46	11190.13
1/3/2021	138.09	4857.08	18.58	7.43	11148.28
1/4/2021	138.31	4857.05	18.61	7.43	11148.04
1/5/2021	138.12	4857.25	18.41	7.50	11253.67
1/6/2021	138.02	4856.96	18.70	7.38	11071.12
1/7/2021	138.15	4857.73	17.93	7.70	11557.45
1/8/2021	137.86	4857.24	18.42	7.48	11226.38
1/9/2021	137.83	4858.12	17.54	7.86	11787.06
1/10/2021	137.90	4857.60	18.06	7.64	11453.49
1/11/2021	137.67	4858.11	17.55	7.84	11766.67
1/12/2021	138.16	4857.57	18.09	7.64	11456.05
1/13/2021	138.24	4857.72	17.94	7.71	11558.53
1/14/2021	137.99	4857.57	18.09	7.63	11441.96
1/15/2021	137.73	4857.69	17.97	7.66	11496.66
1/16/2021	137.63	4857.70	17.96	7.66	11494.71
1/17/2021	137.93	4857.55	18.11	7.62	11424.35
1/18/2021	137.64	4857.69	17.97	7.66	11489.15
1/19/2021	137.69	4857.66	18.00	7.65	11474.17
1/20/2021	138.07	4857.65	18.01	7.67	11499.44
1/21/2021	138.12	4858.44	17.22	8.02	12031.36
1/22/2021	137.67	4858.09	17.57	7.84	11753.27
1/23/2021	137.92	4858.22	17.44	7.91	11862.39
1/24/2021	137.58	4858.20	17.46	7.88	11819.59
1/25/2021	137.69	4858.29	17.37	7.93	11890.33
1/26/2021	137.84	4858.12	17.54	7.86	11787.91
1/27/2021	137.87	4857.41	18.25	7.55	11331.78
1/28/2021	136.25	4857.29	18.37	7.42	11125.48
1/29/2021	136.15	4858.01	17.65	7.71	11570.82
1/30/2021	136.47	4858.38	17.28	7.90	11846.35
1/31/2021	136.24	4858.38	17.28	7.88	11826.39
2/1/2021	135.81	4858.60	17.06	7.96	11941.09
2/2/2021	136.15	4858.38	17.28	7.88	11818.58
2/3/2021	136.64	4858.62	17.04	8.02	12028.17
2/4/2021	136.94	4858.55	17.11	8.00	12005.26
2/5/2021	136.99	4858.35	17.31	7.91	11870.88
2/6/2021	136.88	4858.03	17.63	7.76	11646.06
2/7/2021	137.00	4858.31	17.35	7.90	11844.38
2/8/2021	136.77	4858.07	17.59	7.78	11663.16
2/9/2021	137.08	4858.03	17.63	7.78	11663.07
2/10/2021	137.15	4858.06	17.60	7.79	11688.92
2/11/2021	136.97	4858.25	17.41	7.87	11800.98
2/12/2021	137.38	4858.53	17.13	8.02	12029.77
2/13/2021	136.99	4858.70	16.96	8.08	12115.86
2/14/2021	137.03	4858.70	16.96	8.08	12119.40
2/15/2021	137.57	4858.23	17.43	7.89	11839.07
2/16/2021	137.25	4858.75	16.91	8.12	12174.75

Table G-1-1
Extraction Well KAFB-106228 Performance Figure Data, Q1 2021

Date	Flow Rate (gpm)	WL Elevation (ft AMSL)	Drawdown (ft)	Specific Capacity (gpm/ft)	Transmissivity (gal/d•ft)
2/17/2021	137.31	4858.38	17.28	7.95	11919.27
2/18/2021	137.23	4857.65	18.01	7.62	11429.48
2/19/2021	137.43	4858.51	17.15	8.01	12020.12
2/20/2021	137.11	4858.61	17.05	8.04	12062.46
2/21/2021	137.06	4858.52	17.14	8.00	11994.75
2/22/2021	139.67	4857.72	17.94	7.79	11678.09
2/23/2021	139.63	4857.87	17.79	7.85	11773.19
2/24/2021	139.75	4858.02	17.64	7.92	11883.50
2/25/2021	136.77	4858.62	17.04	8.03	12039.61
2/26/2021	137.15	4858.42	17.24	7.96	11933.00
2/27/2021	136.62	4858.90	16.76	8.15	12227.33
2/28/2021	136.67	4858.50	17.16	7.96	11946.68
3/1/2021	136.67	4857.93	17.73	7.71	11562.61
3/2/2021	136.07	4858.09	17.57	7.74	11616.68
3/3/2021	135.96	4858.31	17.35	7.84	11754.47
3/4/2021	136.68	4858.54	17.12	7.98	11975.47
3/5/2021	136.76	4858.56	17.10	8.00	11996.49
3/6/2021	136.59	4858.32	17.34	7.88	11815.74
3/7/2021	136.71	4858.16	17.50	7.81	11718.00
3/8/2021	136.56	4857.99	17.67	7.73	11592.53
3/9/2021	136.59	4858.50	17.16	7.96	11939.69
3/10/2021	136.30	4858.39	17.27	7.89	11838.45
3/11/2021	135.70	4858.47	17.19	7.89	11841.19
3/12/2021	136.04	4858.29	17.37	7.83	11747.84
3/13/2021	136.48	4858.30	17.36	7.86	11792.63
3/14/2021	136.48	4858.25	17.41	7.84	11758.76
3/15/2021	136.65	4858.05	17.61	7.76	11639.69
3/16/2021	136.10	4858.42	17.24	7.89	11841.65
3/17/2021	136.33	4858.47	17.19	7.93	11896.16
3/18/2021	136.28	4859.44	16.22	8.40	12602.96
3/19/2021	136.30	4858.63	17.03	8.00	12005.28
3/20/2021	136.45	4858.43	17.23	7.92	11878.99
3/21/2021	136.22	4858.38	17.28	7.88	11824.65
3/22/2021	136.04	4858.53	17.13	7.94	11912.43
3/23/2021	136.18	4858.79	16.87	8.07	12108.48
3/24/2021	136.85	4858.92	16.74	8.18	12262.54
3/25/2021	136.01	4858.54	17.12	7.94	11916.76
3/26/2021	136.10	4858.58	17.08	7.97	11952.58
3/27/2021	135.87	4858.45	17.21	7.89	11842.24
3/28/2021	135.90	4857.90	17.76	7.65	11478.04
3/29/2021	135.55	4858.37	17.29	7.84	11759.69
3/30/2021	136.13	4858.34	17.32	7.86	11789.55
3/31/2021	135.90	4857.94	17.72	7.67	11503.95

Notes:
AMSL = above mean sea level
d = day
ft = foot/feet
gal = gallon
gpm = gallons per minute
WL = water level

Table G-1-2
Extraction Well KAFB-106233 Performance Figure Data, Q1 2021

Date	Flow Rate (gpm)	WL Elevation (ft AMSL)	Drawdown (ft)	Specific Capacity (gpm/ft)	Transmissivity (gal/d•ft)
1/1/2021	158.88	4869.40	6.26	25.38	38070.29
1/2/2021	158.59	4869.29	6.37	24.90	37344.58
1/3/2021	158.75	4869.37	6.29	25.24	37857.71
1/4/2021	158.82	4869.24	6.42	24.74	37107.48
1/5/2021	158.62	4869.47	6.19	25.63	38437.80
1/6/2021	158.33	4869.35	6.31	25.09	37637.88
1/7/2021	158.87	4869.37	6.29	25.26	37886.33
1/8/2021	158.46	4869.38	6.28	25.23	37848.73
1/9/2021	0.00	4875.10	0.56	0.00	0.00
1/10/2021	0.00	4874.97	0.69	0.00	0.00
1/11/2021	158.78	4869.76	5.90	26.91	40367.80
1/12/2021	158.61	4869.47	6.19	25.62	38435.38
1/13/2021	158.50	4869.56	6.10	25.98	38975.41
1/14/2021	158.38	4869.52	6.14	25.79	38692.18
1/15/2021	158.67	4869.48	6.18	25.67	38512.14
1/16/2021	0.00	4875.16	0.50	0.00	0.00
1/17/2021	0.00	4875.13	0.53	0.00	0.00
1/18/2021	158.61	4870.14	5.52	28.73	43100.54
1/19/2021	158.59	4869.53	6.13	25.87	38806.69
1/20/2021	158.88	4869.50	6.16	25.79	38688.31
1/21/2021	159.20	4869.70	5.96	26.71	40067.11
1/22/2021	0.00	4875.34	0.32	0.00	0.00
1/23/2021	0.00	4875.49	0.17	0.00	0.00
1/24/2021	0.00	4875.66	0.00	0.00	0.00
1/25/2021	0.00	4875.62	0.04	0.00	0.00
1/26/2021	0.00	4875.52	0.14	0.00	0.00
1/27/2021	0.00	4875.07	0.59	0.00	0.00
1/28/2021	0.00	4875.11	0.55	0.00	0.00
1/29/2021	0.00	4875.38	0.28	0.00	0.00
1/30/2021	0.00	4875.36	0.30	0.00	0.00
1/31/2021	0.00	4875.11	0.55	0.00	0.00
2/1/2021	0.00	4875.18	0.48	0.00	0.00
2/2/2021	158.23	4870.30	5.36	29.52	44280.78
2/3/2021	159.00	4870.57	5.09	31.24	46856.58
2/4/2021	159.24	4870.01	5.65	28.18	42276.11
2/5/2021	159.65	4870.04	5.62	28.41	42611.21
2/6/2021	159.86	4869.84	5.82	27.47	41201.03
2/7/2021	160.01	4869.96	5.70	28.07	42107.89
2/8/2021	160.04	4869.91	5.75	27.83	41749.57
2/9/2021	159.91	4869.88	5.78	27.67	41499.13
2/10/2021	159.89	4869.86	5.80	27.57	41350.86
2/11/2021	159.92	4870.04	5.62	28.46	42683.27
2/12/2021	160.12	4870.32	5.34	29.99	44977.53
2/13/2021	160.36	4870.55	5.11	31.38	47072.41
2/14/2021	160.53	4870.25	5.41	29.67	44509.24
2/15/2021	160.36	4870.12	5.54	28.95	43418.77
2/16/2021	160.41	4870.22	5.44	29.49	44230.70
2/17/2021	160.14	4870.06	5.60	28.60	42894.64
2/18/2021	160.41	4869.71	5.95	26.96	40439.50
2/19/2021	160.44	4869.81	5.85	27.43	41138.46

Table G-1-2
Extraction Well KAFB-106233 Performance Figure Data, Q1 2021

Date	Flow Rate (gpm)	WL Elevation (ft AMSL)	Drawdown (ft)	Specific Capacity (gpm/ft)	Transmissivity (gal/d•ft)
2/20/2021	160.56	4870.27	5.39	29.79	44682.75
2/21/2021	160.64	4869.75	5.91	27.18	40771.57
2/22/2021	160.58	4869.60	6.06	26.50	39747.52
2/23/2021	160.59	4869.83	5.83	27.55	41318.18
2/24/2021	160.64	4869.88	5.78	27.79	41688.58
2/25/2021	160.53	4869.86	5.80	27.68	41516.38
2/26/2021	160.61	4869.93	5.73	28.03	42044.50
2/27/2021	162.00	4870.09	5.57	29.08	43626.57
2/28/2021	160.44	4869.93	5.73	28.00	42000.00
3/1/2021	160.64	4869.53	6.13	26.21	39308.32
3/2/2021	160.91	4869.66	6.00	26.82	40227.50
3/3/2021	0.00	4875.44	0.22	0.00	0.00
3/4/2021	160.38	4870.20	5.46	29.37	44060.44
3/5/2021	160.91	4869.79	5.87	27.41	41118.40
3/6/2021	160.62	4870.45	5.21	30.83	46243.76
3/7/2021	161.97	4869.88	5.78	28.02	42033.74
3/8/2021	160.65	4869.86	5.80	27.70	41547.41
3/9/2021	160.53	4870.25	5.41	29.67	44509.24
3/10/2021	160.56	4870.29	5.37	29.90	44849.16
3/11/2021	0.00	4875.64	0.02	0.00	0.00
3/12/2021	160.39	4870.53	5.13	31.27	46897.66
3/13/2021	160.44	4870.25	5.41	29.66	44484.29
3/14/2021	160.59	4870.27	5.39	29.79	44691.09
3/15/2021	160.33	4870.14	5.52	29.05	43567.93
3/16/2021	160.73	4870.34	5.32	30.21	45318.61
3/17/2021	160.58	4869.98	5.68	28.27	42406.69
3/18/2021	160.44	4869.39	6.27	25.59	38382.78
3/19/2021	160.33	4869.79	5.87	27.31	40970.19
3/20/2021	160.68	4869.93	5.73	28.04	42062.83
3/21/2021	160.32	4870.09	5.57	28.78	43174.15
3/22/2021	160.65	4870.37	5.29	30.37	45552.93
3/23/2021	160.50	4870.30	5.36	29.94	44916.04
3/24/2021	160.64	4870.40	5.26	30.54	45809.89
3/25/2021	160.44	4870.20	5.46	29.38	44076.92
3/26/2021	160.94	4870.17	5.49	29.32	43972.68
3/27/2021	160.68	4869.98	5.68	28.29	42433.10
3/28/2021	160.58	4869.66	6.00	26.76	40145.00
3/29/2021	160.67	4870.12	5.54	29.00	43502.71
3/30/2021	160.65	4870.25	5.41	29.70	44542.51
3/31/2021	160.84	4869.73	5.93	27.12	40684.65

Notes:
AMSL = above mean sea level
d = day
ft = foot/feet
gal = gallon
gpm = gallons per minute
WL = water level

Table G-1-3
Extraction Well KAFB-106234 Performance Figure Data, Q1 2021

Date	Flow Rate (gpm)	WL Elevation (ft AMSL)	Drawdown (ft)	Specific Capacity (gpm/ft)	Transmissivity (gal/d•ft)
1/1/2021	173.81	4869.25	4.96	35.04	52563.51
1/2/2021	173.96	4869.23	4.98	34.93	52397.59
1/3/2021	173.69	4869.16	5.05	34.39	51591.09
1/4/2021	173.78	4869.03	5.18	33.55	50322.39
1/5/2021	173.88	4869.28	4.93	35.27	52904.67
1/6/2021	173.87	4869.05	5.16	33.70	50543.60
1/7/2021	173.72	4869.18	5.03	34.54	51805.17
1/8/2021	173.50	4869.21	5.00	34.70	52050.00
1/9/2021	174.97	4869.35	4.86	36.00	54003.09
1/10/2021	174.74	4869.07	5.14	34.00	50994.16
1/11/2021	175.69	4869.48	4.73	37.14	55715.64
1/12/2021	173.55	4869.25	4.96	34.99	52484.88
1/13/2021	173.58	4869.21	5.00	34.72	52074.00
1/14/2021	173.49	4869.26	4.95	35.05	52572.73
1/15/2021	173.78	4869.30	4.91	35.39	53089.61
1/16/2021	174.91	4869.36	4.85	36.06	54095.88
1/17/2021	174.97	4869.26	4.95	35.35	53021.21
1/18/2021	174.01	4869.58	4.63	37.58	56374.73
1/19/2021	173.92	4869.21	5.00	34.78	52176.00
1/20/2021	173.92	4869.23	4.98	34.92	52385.54
1/21/2021	173.66	4869.41	4.80	36.18	54268.75
1/22/2021	174.57	4869.43	4.78	36.52	54781.38
1/23/2021	175.06	4869.58	4.63	37.81	56714.90
1/24/2021	174.71	4869.64	4.57	38.23	57344.64
1/25/2021	174.69	4869.69	4.52	38.65	57972.35
1/26/2021	174.94	4869.62	4.59	38.11	57169.93
1/27/2021	174.69	4869.07	5.14	33.99	50979.57
1/28/2021	175.17	4869.21	5.00	35.03	52551.00
1/29/2021	174.82	4869.59	4.62	37.84	56759.74
1/30/2021	175.12	4869.66	4.55	38.49	57731.87
1/31/2021	174.54	4869.69	4.52	38.62	57922.57
2/1/2021	175.12	4869.74	4.47	39.18	58765.10
2/2/2021	174.97	4869.67	4.54	38.54	57809.47
2/3/2021	174.11	4870.31	3.90	44.64	66965.38
2/4/2021	173.88	4869.94	4.27	40.72	61081.97
2/5/2021	173.84	4870.02	4.19	41.49	62233.89
2/6/2021	173.87	4869.84	4.37	39.79	59680.78
2/7/2021	173.87	4869.94	4.27	40.72	61078.45
2/8/2021	173.67	4869.99	4.22	41.15	61731.04
2/9/2021	173.58	4869.87	4.34	40.00	59993.09
2/10/2021	173.78	4869.89	4.32	40.23	60340.28
2/11/2021	173.87	4869.95	4.26	40.81	61221.83
2/12/2021	173.76	4870.18	4.03	43.12	64674.94
2/13/2021	173.99	4870.23	3.98	43.72	65574.12
2/14/2021	174.07	4870.15	4.06	42.87	64311.58
2/15/2021	174.10	4870.48	3.73	46.68	70013.40
2/16/2021	174.04	4870.31	3.90	44.63	66938.46
2/17/2021	173.75	4870.12	4.09	42.48	63722.49
2/18/2021	173.81	4869.84	4.37	39.77	59660.18
2/19/2021	174.02	4870.07	4.14	42.03	63050.72

Table G-1-3
Extraction Well KAFB-106234 Performance Figure Data, Q1 2021

Date	Flow Rate (gpm)	WL Elevation (ft AMSL)	Drawdown (ft)	Specific Capacity (gpm/ft)	Transmissivity (gal/d•ft)
2/20/2021	174.39	4869.85	4.36	40.00	59996.56
2/21/2021	174.14	4869.87	4.34	40.12	60186.64
2/22/2021	173.98	4869.74	4.47	38.92	58382.55
2/23/2021	173.98	4869.92	4.29	40.55	60832.17
2/24/2021	173.84	4870.05	4.16	41.79	62682.69
2/25/2021	174.02	4869.94	4.27	40.75	61131.15
2/26/2021	174.17	4870.02	4.19	41.57	62352.03
2/27/2021	171.64	4869.23	4.98	34.47	51698.80
2/28/2021	171.69	4868.48	5.73	29.96	44945.03
3/1/2021	171.98	4868.00	6.21	27.69	41541.06
3/2/2021	172.80	4867.54	6.67	25.91	38860.57
3/3/2021	172.21	4867.72	6.49	26.53	39802.00
3/4/2021	171.26	4868.02	6.19	27.67	41500.81
3/5/2021	171.58	4867.90	6.31	27.19	40787.64
3/6/2021	171.78	4868.02	6.19	27.75	41626.82
3/7/2021	171.58	4868.00	6.21	27.63	41444.44
3/8/2021	171.35	4866.98	7.23	23.70	35549.79
3/9/2021	171.35	4867.31	6.90	24.83	37250.00
3/10/2021	171.17	4867.38	6.83	25.06	37592.24
3/11/2021	172.47	4867.34	6.87	25.10	37657.21
3/12/2021	172.53	4867.19	7.02	24.58	36865.38
3/13/2021	171.43	4867.52	6.69	25.62	38437.22
3/14/2021	171.23	4867.49	6.72	25.48	38220.98
3/15/2021	171.15	4867.56	6.65	25.74	38605.26
3/16/2021	171.37	4867.77	6.44	26.61	39915.37
3/17/2021	171.26	4867.47	6.74	25.41	38114.24
3/18/2021	171.21	4867.57	6.64	25.78	38676.96
3/19/2021	171.06	4867.41	6.80	25.16	37733.82
3/20/2021	171.35	4867.83	6.38	26.86	40286.05
3/21/2021	171.06	4867.77	6.44	26.56	39843.17
3/22/2021	171.18	4868.08	6.13	27.92	41887.44
3/23/2021	170.85	4868.15	6.06	28.19	42289.60
3/24/2021	170.56	4868.13	6.08	28.05	42078.95
3/25/2021	170.51	4868.06	6.15	27.73	41587.80
3/26/2021	171.08	4868.05	6.16	27.77	41659.09
3/27/2021	170.68	4867.87	6.34	26.92	40381.70
3/28/2021	170.73	4867.54	6.67	25.60	38395.05
3/29/2021	170.51	4868.15	6.06	28.14	42205.45
3/30/2021	170.99	4868.25	5.96	28.69	43034.40
3/31/2021	170.47	4867.74	6.47	26.35	39521.64

Notes:
AMSL = above mean sea level
d = day
ft = foot/feet
gal = gallon
gpm = gallons per minute
WL = water level

Table G-1-4
Extraction Well KAFB-106239 Performance Figure Data, Q1 2021

Date	Flow Rate (gpm)	WL Elevation (ft AMSL)	Drawdown (ft)	Specific Capacity (gpm/ft)	Transmissivity (gal/d•ft)
1/1/2021	73.72	4871.80	11.60	6.36	9532.76
1/2/2021	73.95	4871.84	11.56	6.40	9595.59
1/3/2021	73.71	4871.59	11.81	6.24	9361.98
1/4/2021	73.67	4871.57	11.83	6.23	9341.08
1/5/2021	73.60	4871.87	11.53	6.38	9575.02
1/6/2021	73.41	4871.59	11.81	6.22	9323.88
1/7/2021	73.68	4872.05	11.35	6.49	9737.44
1/8/2021	73.47	4871.74	11.66	6.30	9451.54
1/9/2021	73.52	4871.89	11.51	6.39	9581.23
1/10/2021	73.62	4871.59	11.81	6.23	9350.55
1/11/2021	73.68	4872.10	11.30	6.52	9780.53
1/12/2021	73.49	4871.79	11.61	6.33	9494.83
1/13/2021	73.71	4871.61	11.79	6.25	9377.86
1/14/2021	73.52	4871.85	11.55	6.37	9548.05
1/15/2021	73.75	4871.64	11.76	6.27	9406.89
1/16/2021	73.68	4871.70	11.70	6.30	9446.15
1/17/2021	73.35	4871.70	11.70	6.27	9403.85
1/18/2021	73.32	4871.97	11.43	6.41	9622.05
1/19/2021	73.16	4871.49	11.91	6.14	9214.11
1/20/2021	73.17	4871.72	11.68	6.26	9396.83
1/21/2021	73.20	4872.38	11.02	6.64	9963.70
1/22/2021	73.06	4872.00	11.40	6.41	9613.16
1/23/2021	73.15	4872.28	11.12	6.58	9867.36
1/24/2021	73.15	4872.10	11.30	6.47	9710.18
1/25/2021	72.98	4872.23	11.17	6.53	9800.36
1/26/2021	72.88	4871.98	11.42	6.38	9572.68
1/27/2021	72.76	4871.44	11.96	6.08	9125.42
1/28/2021	72.73	4871.54	11.86	6.13	9198.57
1/29/2021	72.76	4871.97	11.43	6.37	9548.56
1/30/2021	72.64	4871.89	11.51	6.31	9466.55
1/31/2021	72.77	4871.93	11.47	6.34	9516.56
2/1/2021	72.69	4872.43	10.97	6.63	9939.38
2/2/2021	73.21	4872.25	11.15	6.57	9848.88
2/3/2021	72.64	4872.66	10.74	6.76	10145.25
2/4/2021	72.89	4872.15	11.25	6.48	9718.67
2/5/2021	72.35	4872.26	11.14	6.49	9741.92
2/6/2021	72.84	4871.98	11.42	6.38	9567.43
2/7/2021	72.68	4872.08	11.32	6.42	9630.74
2/8/2021	72.43	4871.98	11.42	6.34	9513.57
2/9/2021	72.41	4872.03	11.37	6.37	9552.77
2/10/2021	72.17	4871.95	11.45	6.30	9454.59
2/11/2021	72.18	4871.98	11.42	6.32	9480.74
2/12/2021	72.35	4873.59	9.81	7.38	11062.69
2/13/2021	72.17	4872.56	10.84	6.66	9986.62
2/14/2021	71.87	4872.35	11.05	6.50	9756.11
2/15/2021	71.91	4872.08	11.32	6.35	9528.71
2/16/2021	72.06	4872.46	10.94	6.59	9880.26
2/17/2021	71.95	4872.16	11.24	6.40	9601.87
2/18/2021	71.78	4872.13	11.27	6.37	9553.68
2/19/2021	71.91	4872.15	11.25	6.39	9588.00

Table G-1-4
Extraction Well KAFB-106239 Performance Figure Data, Q1 2021

Date	Flow Rate (gpm)	WL Elevation (ft AMSL)	Drawdown (ft)	Specific Capacity (gpm/ft)	Transmissivity (gal/d•ft)
2/20/2021	71.79	4872.54	10.86	6.61	9915.75
2/21/2021	71.63	4871.93	11.47	6.24	9367.48
2/22/2021	71.48	4871.74	11.66	6.13	9195.54
2/23/2021	0.00	4883.40	0.00	0.00	0.00
2/24/2021	75.60	4875.78	7.62	9.92	14881.89
2/25/2021	76.11	4875.96	7.44	10.23	15344.76
2/26/2021	75.60	4875.63	7.77	9.73	14594.59
2/27/2021	76.05	4875.74	7.66	9.93	14892.30
2/28/2021	75.97	4875.33	8.07	9.41	14120.82
3/1/2021	75.51	4874.86	8.54	8.84	13262.88
3/2/2021	75.59	4875.28	8.12	9.31	13963.67
3/3/2021	75.74	4875.19	8.21	9.23	13838.00
3/4/2021	76.03	4875.37	8.03	9.47	14202.37
3/5/2021	75.64	4875.48	7.92	9.55	14325.76
3/6/2021	76.13	4875.33	8.07	9.43	14150.56
3/7/2021	76.23	4875.10	8.30	9.18	13776.51
3/8/2021	76.05	4875.24	8.16	9.32	13979.78
3/9/2021	76.19	4875.35	8.05	9.46	14196.89
3/10/2021	76.25	4875.14	8.26	9.23	13846.85
3/11/2021	75.87	4875.24	8.16	9.30	13946.69
3/12/2021	76.15	4875.15	8.25	9.23	13845.45
3/13/2021	75.98	4875.17	8.23	9.23	13848.12
3/14/2021	76.03	4875.20	8.20	9.27	13907.93
3/15/2021	76.18	4874.94	8.46	9.00	13507.09
3/16/2021	76.15	4875.25	8.15	9.34	14015.34
3/17/2021	75.68	4874.84	8.56	8.84	13261.68
3/18/2021	76.15	4874.86	8.54	8.92	13375.29
3/19/2021	76.13	4874.81	8.59	8.86	13293.95
3/20/2021	76.02	4874.96	8.44	9.01	13510.66
3/21/2021	75.84	4874.91	8.49	8.93	13399.29
3/22/2021	75.68	4875.14	8.26	9.16	13743.34
3/23/2021	75.79	4875.24	8.16	9.29	13931.99
3/24/2021	75.59	4875.25	8.15	9.27	13912.27
3/25/2021	76.03	4875.05	8.35	9.11	13658.08
3/26/2021	75.67	4874.92	8.48	8.92	13385.02
3/27/2021	76.25	4874.68	8.72	8.74	13116.40
3/28/2021	75.28	4874.43	8.97	8.39	12588.63
3/29/2021	75.41	4874.91	8.49	8.88	13323.32
3/30/2021	76.21	4874.76	8.64	8.82	13230.90
3/31/2021	75.67	4874.50	8.90	8.50	12753.37

Notes:
AMSL = above mean sea level
d = day
ft = foot/feet
gal = gallon
gpm = gallons per minute
WL = water level

DAILY INSPECTIONS AND RECORD FORMS

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					1/4/21	1/5/21	1/6/21	1/7/21	1/8/21	/ /	/ /
					Time: 1050	0800	1025	0736	0814		
HMI	Well KAFB-106228	GW flow, FT-3001 (gpm)	0-200 gpm	Daily	138	138	137	137	138		
		Wellhead Pressure (psig)	< 150 psig	Daily	62.1 63.43	62.1	62.0	62.0	62.1		
		Water Level Above Transducer (ft)	---	Daily	9.126	9.16	9.15	9.15	9.48		
	Well KAFB-106233	GW flow, FT-7001 (gpm)	0-200 gpm	Daily	159	158	159	158	158		
		Wellhead Pressure (psig)	< 150 psig	Daily	22.7 22.74	22.7	22.7	22.8	22.8		
		Water Level Above Transducer (ft)	---	Daily	31.25	31.48	31.28	31.36	31.38		
	Well KAFB-106234	GW flow, FI-7002(gpm)	0-200 gpm	Daily	174	173	174	174	174		
		Wellhead Pressure (psig)	< 150 psig	Daily	22.9 22.86	22.9	22.9	22.9	22.9		
		Water Level Above Transducer (ft)	---	Daily	23.25	23.46	22.27	22.36	22.38		
	Well KAFB-106239	GW flow, FI-7002(gpm)	0-200 gpm	Daily	74	74	74	73	74		
		Wellhead Pressure (psig)	< 150 psig	Daily	48.1 48.01	48.1	48.0	48.0	48.0		
		Water Level Above Transducer (ft)	---	Daily	14.14	14.32	14.10	14.14	14.27		
	Influent Pump Skid (1)	GW flow (gpm)	0-400 gpm	Daily	365	365	365	365	365		
		Totalizer (1000 gal)	---	Daily	492993208	493,537,048	494216616	494762776	495286872		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.37	0.38	0.37	0.37	0.38		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.39	0.38	0.39	0.40	0.39		
	Influent Pump Skid (2)	GW flow (gpm)	0-400 gpm	Daily	245	245	245	245	245		
		Totalizer (1000 gal)	---	Daily	334837632	335,096,456	335416296	335674388	335922288		
		Bag filter differential pressure, F-212A, PDI-3202A	<15 psid	Daily	0.10	0.10	0.10	0.10	0.10		
		Bag filter differential pressure, F-212B, PDI-3202B	<15 psid	Daily	0.07	0.07	0.07	0.07	0.06		
	Effluent Skid Pump (1)	GW flow (gpm)	0-400 gpm	Daily	380	381	380	380	380		
		Totalizer (1000 gal)	---	Daily	536604816	537,129,656	537783664	538310108	538817072		
	Effluent Skid Pump (2)	GW flow (gpm)	0-400 gpm	Daily	260	260	260	260	261		
		Totalizer (1000 gal)	---	Daily	428661472	428,903,804	429201278	429442816	429676076		
	Injection Well KAFB-7	Pressure (psig)	0-120 psig	Daily	80.0	13.3	13.3	13.4	13.4		
		Water Level Above Transducer (ft)	10-100 ft	Daily	59.24	113.30	122.8	125.47	102.82		
	Injection Well KAFB-IN2	Upstream Pressure (psig)	0-120 psig	Daily	2.3	13.4	12.8	13.5	8.9		
		Downstream Pressure (psig)	0-120 psig	Daily	0.4	0.6	0.6	13.5	0.5 ~~8.9 AF~~		
		Water Level Above Transducer (ft)	10-100 ft	Daily	16	17	16	0.5	17 ~~0.5 AF~~		
	Golf Course Pond	Pond Level (ft)	0.7-3.5 ft	Daily	4.19	4.19	4.19	4.19	4.19		
HIMs	Influent Pump Skid (1)	Frequency (Hz, P112A | B)	>30 Hz	Daily	47.54 | 47.58	47.02 | 47.03	47.04 | 47.01	47.10 | 47.07	47.26 | 47.28		
		Amperage (A, P112A | B)	>10 A	Daily	11.1 | 11.4	11.00 | 11.20	11.1 | 11.2	11.1 | 11.3	11.1 | 11.3		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	8.5	9	9	9.5	10		
	Influent Pump Skid (2)	Frequency (Hz, P212A | B)	>30 Hz	Daily	45.61 | 45.63	48.16 | 48.22	45.93 | 45.92	44.98 | 44.40	46.42 | 46.42		
		Amperage (A, P212A | B)	>10 A	Daily	10.0 | 9.7	10.50 | 10.50	10.0 | 10.0	9.7 | 9.5	10.1 | 10.0		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	9	12	5	6	8.8		
	Effluent Pump Skid (1)	Frequency (Hz, P118)	>30 Hz	Daily	48.18	52.28	48.50	48.62	48.94		
		Amperage (A, P118)	>10 A	Daily	16.4	17.70	16.4	16.4	16.5		
	Effluent Pump Skid (2)	Frequency (Hz, P218)	>30 Hz	Daily	42.47	46.72	42.81	42.73	42.25		
		Amperage (A, P218)	>10 A	Daily	12.20	14.00	12.9	12.9	12.9		
Well Vault	KAFB-106228	Totalizer (Mgal)	---	Weekly	170,9602	—	—	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	133.5	—	—	—	—		
Well Vault	KAFB-106239	Totalizer (Mgal)	---	Weekly	97,0484	—	—	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	73.9	—	—	—	—		
Well Control House	KAFB-106233	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	—	93	—		
		GW flow, FT-7001 (gpm)	0-200 gpm	Weekly	158.7	—	—	—	—		
		Totalizer (Mgal)	---	Weekly	220,8468	—	—	—	—		
	KAFB-106234	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	—	80	—		
		GW flow, FT-7002 (gpm)	0-200 gpm	Weekly	172.8	—	—	—	—		
		Totalizer (Mgal)	---	Weekly	329,8693	—	—	—	—		
	Well Control House	Effluent Line Pressure, PI-7005	< 150 psig	Weekly		—	—	—	—		
Well Head	KAFB-7	*Totalizer (1000 gal)	---	Weekly	6237 e4	—	—	—	—		
		GW flow (gpm)	0-800 gpm	Weekly		—	—	—	—		
Well Head	KAFB-IN2	*Totalizer (1000 gal)	---	Weekly	0.799	—	—	—	—		
		GW flow (gpm)	0-800 gpm	Weekly		—	—	—	—		

Notes:

* The KAFB-7 and KAFB-IN2 Totalizer readings should be recorded weekly as well as on days when the effluent flow is changed between KAFB-7, KAFB-IN2, and the Golf Course Main Pond.

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					1 4 21	1 5 21	1 6 21	1 7 21	1 8 21	/ /	/ /
					Time: 1035	0800	1015	0730	0750		
GWTS	Influent Pump Skid (Train 1)	Inlet pressure pump skid, PI-3102 (psig)	< 60 psig	Daily	36	35.5	36	36	36.5		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.371	0.376	0.375	0.375	0.373		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.393	0.390	0.393	0.393	0.389		
		Sand filter differential pressure, SF-101 (1)	---	Daily	32	32	33	32	33		
		Sand filter differential pressure, SF-101 (2)	---	Daily	28	28	28	28	28		
		Outlet pressure pump skid, PI-3103 (psig)	< 60 psig	Daily	13.9	14.0	13.9	13.9	13.9		
		GW flow (gpm)	0-500 gpm	Daily	365.2	365.3	365.2	365.7	364.9		
		Totalizer (Mgal)	---	Daily	484.8908	485.3100	485.8355	486.2572	486.6579		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	Influent Pump Skid (Train 2)	Inlet pressure pump skid, PI-3202 (psig)	< 60 psig	Daily	39	43.5	39.9	37.5	40.1		
		Bag filter differential pressure, F212A	<15 psid	Daily	0.065	0.065	0.067	0.063	0.066		
		Bag filter differential pressure, F212B	<15 psid	Daily	0.100	0.100	0.100	0.102	0.100		
		Sand filter differential pressure, SF-201 (1)	---	Daily	37	40	37	35	38		
		Sand filter differential pressure, SF-201 (2)	---	Daily	31.5	32	36	32.5	34		
		Outlet pressure pump skid,PI-3203, (psig)	< 60 psig	Daily	15.9	15.9	15.9	16.2	15.9		
		GW flow (gpm)	0-500 gpm	Daily	245.3	245.2	245.5	245.4	245.0		
		Totalizer (Mgal)	---	Daily	411.0650	911.3394	411.6670	411.9347	412.1894		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	GAC (Train 1)	V-114A Pressure, PI-3104A (psig)	0-20 psig	Daily	10.0	9.9	10.0	10.0	10.0		
		Between Tanks, PI-3105 (psig)	0-20 psig	Daily	13.0	13.0	12.9	12.9	12.9		
		V-114B Pressure, PI-3104B (psig)	0-20 psig	Daily	7.9	8.0	7.9	7.9	7.9		
		Which Tank is Lead?	---	Daily	A	A	A	A	A		
		Which Tank is Lag?	---	Daily	B	B	B	B	B		
	GAC (Train 2)	V-214A Pressure (psig)	0-20 psig	Daily	5.1	5.0	5.1	5.9	5.0		
		Between Tanks (psig)	0-20 psig	Daily	15.1	15.0	15.1	15.9	15.0		
		V-214B Pressure (psig)	0-20 psig	Daily	10.0	9.1	9.8	10.6	9.8		
		Which Tank is Lead?	---	Daily	B	B	B	B	B		
		Which Tank is Lag?	---	Daily	A	A	A	A	A		
	Effluent Pump Skid (Train 1)	Inlet press. pump skid, PI-3108 (psig)	< 60 psig	Daily	24.8	30.0	25.1	25.9	25.6		
		Bag filter differential pressure, F-118A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-118B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	20.07	25.84	20.05	21.47	21.18		
		GW flow (gpm)	0-500 gpm	Daily	379.5	381.6	380.8	380.8	380.0		
		Totalizer (Mgal)	---	Daily	500.4075	500.8300	501.3587	501.7828	502.2290		
	Effluent Pump Skid (Train 2)	Inlet press. pump skid, PI-3208 (psig)	< 60 psig	Daily	21.8	29.0	22.5	23.1	22.9		
		Bag filter differential pressure, F-218A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-218B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	20.02	25.84	20.82	21.49	21.54		
		GW flow (gpm)	0-500 gpm	Daily	260.5	263.7	260.6	260.2	260.4		
		Totalizer (Mgal)	---	Daily	406.3069	406.5729	406.9013	407.1664	407.4430		
	Backwash System	Clarifier Level (ft)	---	Daily	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'		
		Clarifier Discharged to Sump?	yes/no	Daily	No	yes	No	No	No		
	Main Uninterruptable Power Supply (UPS)	Status Light	---	Daily	Green	Green	Green	Green	Green		
		Comments	---	Daily	Good	Good	Good	Good	Good		
	Sodium Hypochlorite Generator	Upstream Filter Pressure (psi)	>30 psig	Daily	≥100	≥100	≥100	≥100	98		
		Downstream Filter Pressure (psi)	>30 psig	Daily	≥100	≥100	≥100	≥100	97		
		Brine Tank Filled with Salt?	yes/no	Daily	Yes	Yes	Yes	Yes	Yes		
		Generator Inlet Pressure (psi)	>30 psig	Daily							
		Generator Faulted?	yes/no	Daily							
		Oxidant Tank Level (ft)	>2 ft	Daily							
		Train 1 Dosing Pump Faulted?	yes/no	Daily	Down	Down	Down	Down			
		Train 2 Dosing Pump Faulted?	yes/no	Daily					Down		
		Train 1 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily							
		Train 2 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily							

Notes:

VFD 24.4
AC 77°F
Amb. 52°F
Hz 56.65
Amps 34.16

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					11/11/21	11/12/21	11/13/21	11/14/21	11/15/21	/ /	/ /
					Time: 1225	1450	0901	0838	0744		
GWTS	Influent Pump Skid (Train 1)	Inlet pressure pump skid, PI-3102 (psig)	< 60 psig	Daily	36.5	33	33	33.5 ~~30.5~~	34		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	~~0.0~~ 0.375	0.373	0.370	0.378	0.372		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	~~0.0~~ 0.396	0.398	0.390	0.399	0.397		
		Sand filter differential pressure, SF-101 (1)	---	Daily	~~37~~ 34	29	30	29	29		
		Sand filter differential pressure, SF-101 (2)	---	Daily	~~35~~ 31	28	28	28	27		
		Outlet pressure pump skid, PI-3103 (psig)	< 60 psig	Daily	14 ~~16.8~~	14.0	13.9	13.9	13.9		
		GW flow (gpm)	0-500 gpm	Daily	364.9	365.1	365.6	365.4	365.3		
		Totalizer (Mgal)	---	Daily	487.4760	487.9818	488.340	488.8137	489.2589		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	Influent Pump Skid (Train 2)	Inlet pressure pump skid, PI-3202 (psig)	< 60 psig	Daily	39	37	40	30.5	35		
		Bag filter differential pressure, F212A	<15 psid	Daily	0.066	0.065	0.065	0.064	0.065		
		Bag filter differential pressure, F212B	<15 psid	Daily	0.102	0.099	0.098	0.095	0.096		
		Sand filter differential pressure, SF-201 (1)	---	Daily	37	35	38	34	32		
		Sand filter differential pressure, SF-201 (2)	---	Daily	35	32	32	31	31		
		Outlet pressure pump skid,PI-3203, (psig)	< 60 psig	Daily	16.8	16.5	16.9	16.8	16.2		
		GW flow (gpm)	0-500 gpm	Daily	244.8	244.7	245.10	245.2	244.7		
		Totalizer (Mgal)	---	Daily	413,0923	413,4145	413,6430	413,9396	414,2171		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	GAC (Train 1)	V-114A Pressure, PI-3104A (psig)	0-20 psig	Daily	9.8	10.0	10.0	10.1	10.0		
		Between Tanks, PI-3105 (psig)	0-20 psig	Daily	12.9	13.0	13.0	13.0	13.0		
		V-114B Pressure, PI-3104B (psig)	0-20 psig	Daily	7.9	7.9	7.9	7.9	7.9		
		Which Tank is Lead?	---	Daily	A	A	A	A	A		
		Which Tank is Lag?	---	Daily	B	B	B	B	B		
	GAC (Train 2)	V-214A Pressure (psig)	0-20 psig	Daily	5.9	6.0	6.0	6.0	6.1		
		Between Tanks (psig)	0-20 psig	Daily	15.8	15.9	16.0	15.9	15.9		
		V-214B Pressure (psig)	0-20 psig	Daily	10.1	10.8	10.6	10.9	10.8		
		Which Tank is Lead?	---	Daily	B	B	B	B	B		
		Which Tank is Lag?	---	Daily	A	A	A	A	A		
	Effluent Pump Skid (Train 1)	Inlet press. pump skid, PI-3108 (psig)	< 60 psig	Daily	24.2	24.2	25.10	26.1	25.5		
		Bag filter differential pressure, F-118A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-118B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	19.96	1952	2061	2195	21.10		
		GW flow (gpm)	0-500 gpm	Daily	380.8	380.2	380.6	381.4	380.7		
		Totalizer (Mgal)	---	Daily	503,0025	503,5097	503,8800	504,3489	504,8005		
	Effluent Pump Skid (Train 2)	Inlet press. pump skid, PI-3208 (psig)	< 60 psig	Daily	21.6	21.8	22.1	23.3	22.9		
		Bag filter differential pressure, F-218A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-218B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	19.89	1997	2057	2192	2114		
		GW flow (gpm)	0-500 gpm	Daily	260.3	260.0	260.3	261.3	260.1		
		Totalizer (Mgal)	---	Daily	408,3126	408,6280	408,8593	409,1497	409,4267		
	Backwash System	Clarifier Level (ft)	---	Daily	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'		
		Clarifier Discharged to Sump?	yes/no	Daily	No	No	No	Yes	Yes		
	Main Uninterruptable Power Supply (UPS)	Status Light	---	Daily	Green	Green	Green	Green	Green		
		Comments	---	Daily	Good	Good	Good	Good	Good		
	Sodium Hypochlorite Generator	Upstream Filter Pressure (psi)	>30 psig	Daily	OFF	OFF	OFF	OFF	OFF		
		Downstream Filter Pressure (psi)	>30 psig	Daily	OFF	OFF	OFF	OFF	OFF		
		Brine Tank Filled with Salt?	yes/no	Daily	Yes	Yes	Yes	No	No		
		Generator Inlet Pressure (psi)	>30 psig	Daily							
		Generator Faulted?	yes/no	Daily							
		Oxidant Tank Level (ft)	>2 ft	Daily							
		Train 1 Dosing Pump Faulted?	yes/no	Daily	Down	Down	Down	Down	Down		
		Train 2 Dosing Pump Faulted?	yes/no	Daily							
		Train 1 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily							
		Train 2 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily							

Notes:

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					1/11/21	1/12/21	1/13/21	1/14/21	1/15/21	1/	1/
					Time: 1240	1459	0911	0850	0753		
HMI	Well KAFB-106228	GW flow, FT-3001 (gpm)	0-200 gpm	Daily	138	138	137	137	138		
		Wellhead Pressure (psig)	< 150 psig	Daily	62.3	62.3	62.3	62.2	62.2 6365		
		Water Level Above Transducer (ft)	---	Daily	10.2	10.18	9.86	9.98	9.88		
	Well KAFB-106233	GW flow, FT-7001 (gpm)	0-200 gpm	Daily	159	158	158	158	159		
		Wellhead Pressure (psig)	< 150 psig	Daily	22.7	22.8	22.8	22.7	22.7 22.79	22.79	
		Water Level Above Transducer (ft)	---	Daily	31.89	31.61	31.41	31.51	31.48		
	Well KAFB-106234	GW flow, FI-7002(gpm)	0-200 gpm	Daily	174	174	174	174	174		
		Wellhead Pressure (psig)	< 150 psig	Daily	23.0	22.9	22.9	22.9	22.9 22.9	22.96	
		Water Level Above Transducer (ft)	---	Daily	23.66	23.53	23.40	23.46	23.46		
	Well KAFB-106239	GW flow, FI-7002(gpm)	0-200 gpm	Daily	74	74	73	73	73		
		Wellhead Pressure (psig)	< 150 psig	Daily	48.0	48.0	47.9	48.1	47.9 47.93	4	
		Water Level Above Transducer (ft)	---	Daily	14.42	14.38	14.15	14.27	14.19		
	Influent Pump Skid (1)	GW flow (gpm)	0-400 gpm	Daily	~~365~~ ~~295~~	365	365	365	365		
		Totalizer (1000 gal)	---	Daily	495,465720	496119547	496588280	497199452	497776288		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.37 ~~0.10~~	0.38	0.38	0.37	0.37		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.39 ~~0.07~~	0.39	0.39	0.40	0.39		
	Influent Pump Skid (2)	GW flow (gpm)	0-400 gpm	Daily	245	245	245	245	245		
		Totalizer (1000 gal)	---	Daily	336795224	337105220	337327056	337613888	33788 700		
		Bag filter differential pressure, F-212A, PDI-3202A	<15 psid	Daily	0.10	0.10	0.09	0.09	0.10		
		Bag filter differential pressure, F-212B, PDI-3202B	<15 psid	Daily	0.07	0.07	0.06	0.07	0.06		
	Effluent Skid Pump (1)	GW flow (gpm)	0-400 gpm	Daily	380	380	380	380	380		
		Totalizer (1000 gal)	---	Daily	539606088	540235804	540887720	541277200	541833888		
	Effluent Skid Pump (2)	GW flow (gpm)	0-400 gpm	Daily	260	260	260	260	260		
		Totalizer (1000 gal)	---	Daily	430491488	430779136	430985706	431253572	431503848		
	Injection Well KAFB-7	Pressure (psig)	0-120 psig	Daily	13.5	13.3	13.6	13.15	13.3		
		Water Level Above Transducer (ft)	10-100 ft	Daily	80.23	81.48	80.18	92.90	93.07		
	Injection Well KAFB-IN2	Upstream Pressure (psig)	0-120 psig	Daily	12.4	12.6	12.5	13.4	13.2		
		Downstream Pressure (psig)	0-120 psig	Daily	0.5	0.4	0.5	0.4	0.4		
		Water Level Above Transducer (ft)	10-100 ft	Daily	16	16	17	17	17		
	Golf Course Pond	Pond Level (ft)	0.7-3.5 ft	Daily	4.19	4.19	4.19	4.19	4.10		
HIMs	Influent Pump Skid (1)	Frequency (Hz, P112A | B)	>30 Hz	Daily	47.93 | 47.97	46.00 | 45.93	45.66 | 45.61	45.87 | 45.87	42.84 | 42.84		
		Amperage (A, P112A | B)	>10 A	Daily	11.3 | 11.5	10.8 | 11.0	10.7 | 10.9	10.8 | 11.0	9.5 | 9.3		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	5.1	5.5	6	6	6		
	Influent Pump Skid (2)	Frequency (Hz, P212A | B)	>30 Hz	Daily	45.71 | 45.78	44.20 | 44.22	45.79 | 45.84	43.14 | 43.07	46.63 | 46.67		
		Amperage (A, P212A | B)	>10 A	Daily	10.0 | 9.9	9.7 | 9.5	11.0 | 9.9	9.4 | 9.3	11.0 | 12.1		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	5	7.5	10.5	5.5	5		
	Effluent Pump Skid (1)	Frequency (Hz, P118)	>30 Hz	Daily	48.00	48.08	48.61	49.22	49.27		
		Amperage (A, P118)	>10 A	Daily	16.2	16.2	16.50	16.7	16.6		
	Effluent Pump Skid (2)	Frequency (Hz, P218)	>30 Hz	Daily	42.88	41.82	42.28	43.05	42.84		
		Amperage (A, P218)	>10 A	Daily	13.10	12.7	12.8	13.0	12.9		
Well Vault	KAFB-106228	Totalizer (Mgal)	---	Weekly	—	—	—	—	172,9881		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	—	—	—	133.2		
Well Vault	KAFB-106239	Totalizer (Mgal)	---	Weekly	—	—	—	—	98,1664		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	—	—	—	93.4		
Well Control House	KAFB-106233	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	—	—	93		
		GW flow, FT-7001 (gpm)	0-200 gpm	Weekly	—	—	—	—	158.8		
		Totalizer (Mgal)	---	Weekly	—	—	—	—	222,6464		
	KAFB-106234	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	—	—	79		
		GW flow, FT-7002 (gpm)	0-200 gpm	Weekly	—	—	—	—	~~158.85~~ 173.0		
		Totalizer (Mgal)	---	Weekly	—	—	—	—	~~222,6464~~ 332,5408		
	Well Control House	Effluent Line Pressure, PI-7005	< 150 psig	Weekly	—	—	—	—	22.1		
Well Head	KAFB-7	*Totalizer (1000 gal)	---	Weekly	—	—	—	—	~~173.0~~		
		GW flow (gpm)	0-800 gpm	Weekly	—	—	—	—			
Well Head	KAFB-IN2	*Totalizer (1000 gal)	---	Weekly	—	—	—	—			
		GW flow (gpm)	0-800 gpm	Weekly	—	—	—	—			

Notes:

* The KAFB-7 and KAFB-IN2 Totalizer readings should be recorded weekly as well as on days when the effluent flow is changed between KAFB-7, KAFB-IN2, and the Golf Course Main Pond.

(Pond 3.0 Rod)

~~1446~~

56.51 Hz
8.0 VFD
79°F AC
34.7 Amps

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					11/8/21	11/9/21	11/10/21	11/11/21	11/12/21	/ /	/ /
					Time: 1014	0803	0843	1257	1108		
HMI	Well KAFB-106228	GW flow, FT-3001 (gpm)	0-200 gpm	Daily	138	137	137	136	136		
		Wellhead Pressure (psig)	< 150 psig	Daily	62.6	62.3	62.1 6588	63.9 636	63.8		
		Water Level Above Transducer (ft)	---	Daily	10.07	9.81	9.75	10.67	10.30		
	Well KAFB-106233	GW flow, FT-7001 (gpm)	0-200 gpm	Daily	159	159	159	—	—		
		Wellhead Pressure (psig)	< 150 psig	Daily	22.8	22.8	22.7 2287	—	—		
		Water Level Above Transducer (ft)	---	Daily	32.15	31.64	31.49	37.10	37.29		
	Well KAFB-106234	GW flow, FI-7002(gpm)	0-200 gpm	Daily	174	174	174	175	175		
		Wellhead Pressure (psig)	< 150 psig	Daily	23.0	23.0	22.9 2304	18.9	18.9		
		Water Level Above Transducer (ft)	---	Daily	23.74	23.51	23.41	23.69	23.64		
	Well KAFB-106239	GW flow, FI-7002(gpm)	0-200 gpm	Daily	73-74	73	73	73	43		
		Wellhead Pressure (psig)	< 150 psig	Daily	48.0	48.0	47.9 47.90	49.2	49.2		
		Water Level Above Transducer (ft)	---	Daily	14.43	14.14	14.01	14.97	14.61		
	Influent Pump Skid (1)	GW flow (gpm)	0-400 gpm	Daily	365	365	365	400	400		
		Totalizer (1000 gal)	---	Daily	498021224	498582520	499217784	499949232	500478851		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.37	0.38	0.37	0.45	0.48		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.39	0.39	0.39	0.47	0.47		
	Influent Pump Skid (2)	GW flow (gpm)	0-400 gpm	Daily	245	245	245	—	—		
		Totalizer (1000 gal)	---	Daily	338784604	339050504	339349152	339484328	339484328		
		Bag filter differential pressure, F-212A, PDI-3202A	<15 psid	Daily	0.10	0.10	0.10	—	—		
		Bag filter differential pressure, F-212B, PDI-3202B	<15 psid	Daily	0.07	0.06	0.07	—	—		
	Effluent Skid Pump (1)	GW flow (gpm)	0-400 gpm	Daily	379	380	380	415	415		
		Totalizer (1000 gal)	---	Daily	542688728	543228328	543841436	544548912	545126196		
	Effluent Skid Pump (2)	GW flow (gpm)	0-400 gpm	Daily	260	259	260	—	—		
		Totalizer (1000 gal)	---	Daily	432347956	432597008	432816144	433002378	433002378		
	Injection Well KAFB-7	Pressure (psig)	0-120 psig	Daily	13	12.9	13.9	13.4	13.1		
		Water Level Above Transducer (ft)	10-100 ft	Daily	58.90	83.70	85.98	71.12	70.18		
	Injection Well KAFB-IN2	Upstream Pressure (psig)	0-120 psig	Daily	0.0	13.4	14.0	9.4	9.1		
		Downstream Pressure (psig)	0-120 psig	Daily	0.4	0.4	0.4	0.0	0.0		
		Water Level Above Transducer (ft)	10-100 ft	Daily	17	17	17	17	17		
	Golf Course Pond	Pond Level (ft)	0.7-3.5 ft	Daily	3.12	3.23	3.22	3.39	3.14		
HIMs	Influent Pump Skid (1)	Frequency (Hz, P112A | B)	>30 Hz	Daily	48.72 | 48.74	46.44 | 46.43	47.15 | 47.14	50.09 | 50.05	47.13 | 47.10		
		Amperage (A, P112A | B)	>10 A	Daily	11.5 | 11.7	11.0 | 11.1	11.1 | 11.3	12.2 | 12.5	11.5 | 11.7		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	7	7.5	8	10	5.1		
	Influent Pump Skid (2)	Frequency (Hz, P212A | B)	>30 Hz	Daily	47.70 | 47.74	47.54 | 47.55	44.89 | 44.91	— | —	— | —		
		Amperage (A, P212A | B)	>10 A	Daily	10.5 | 10.5	10.4 | 10.3	9.8 | 9.7	— | —	— | —		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	10.5	12.5	8	—	—		
	Effluent Pump Skid (1)	Frequency (Hz, P118)	>30 Hz	Daily	48.84	48.19	48.22	50.16	50.08		
		Amperage (A, P118)	>10 A	Daily	16.5	16.3	16.3	17.4	17.2		
	Effluent Pump Skid (2)	Frequency (Hz, P218)	>30 Hz	Daily	41.82	42.73	42.61	—	—		
		Amperage (A, P218)	>10 A	Daily	12.7	12.9	12.9	—	—		
Well Vault	KAFB-106228	Totalizer (Mgal)	---	Weekly	—	—	173,9575	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	—	1331	—	—		
Well Vault	KAFB-106239	Totalizer (Mgal)	---	Weekly	—	—	98,7009	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	—	73	—	—		
Well Control House	KAFB-106233	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	92 PSI	—	—		
		GW flow, FT-7001 (gpm)	0-200 gpm	Weekly	—	—	159.2	—	—		
		Totalizer (Mgal)	---	Weekly	—	—	223,1851	—	—		
	KAFB-106234	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	78 92 PSI	—	—		
		GW flow, FT-7002 (gpm)	0-200 gpm	Weekly	—	—	173.0	—	—		
		Totalizer (Mgal)	---	Weekly	—	—	333,8052	—	—		
	Well Control House	Effluent Line Pressure, PI-7005	< 150 psig	Weekly	—	—	22.1	—	—		
Well Head	KAFB-7	*Totalizer (1000 gal)	---	Weekly	—	—	7302,000	—	—		
		GW flow (gpm)	0-800 gpm	Weekly	—	—	—	—	—		
Well Head	KAFB-IN2	*Totalizer (1000 gal)	---	Weekly	—	—	0,1807	—	—		
		GW flow (gpm)	0-800 gpm	Weekly	—	—	—	—	—		

Notes:

* The KAFB-7 and KAFB-IN2 Totalizer readings should be recorded weekly as well as on days when the effluent flow is changed between KAFB-7, KAFB-IN2, and the Golf Course Main Pond.

To Pond for Day

Pond 268
3.47 to 46
T2 TK 216
bad transducer

Amps, 3417
1-2 5651
VFD 14.7 °C
AC 83 °F
Amb 31 °F

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					1/18/21	1/19/21	1/20/21	1/21/21	1/22/21	/ /	/ /
					Time: 1007	0750	0830	1247	1102		
GWTS	Influent Pump Skid (Train 1)	Inlet pressure pump skid, PI-3102 (psig)	< 60 psig	Daily	38.5	34.5	35	38	34		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.372	0.369	0.372	0.449	0.453		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.393	0.392	0.388	0.465	0.470		
		Sand filter differential pressure, SF-101 (1)	---	Daily	35	31	31	35	~~29~~ 29		
		Sand filter differential pressure, SF-101 (2)	---	Daily	31	28	28	28	28		
		Outlet pressure pump skid, PI-3103 (psig)	< 60 psig	Daily	13.9	14.0	14.0	15.1	15.4		
		GW flow (gpm)	0-500 gpm	Daily	365.3	365.1	365.6	400.0	400.1		
		Totalizer (Mgal)	---	Daily	490.1249	490.5562	491.0495	491.6269	492.1272		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	Influent Pump Skid (Train 2)	Inlet pressure pump skid, PI-3202 (psig)	< 60 psig	Daily	44.5	43.5	37.5	—	—		
		Bag filter differential pressure, F212A	<15 psid	Daily	0.066	0.068	0.064	—	—		
		Bag filter differential pressure, F212B	<15 psid	Daily	0.095	0.101	0.096	—	—		
		Sand filter differential pressure, SF-201 (1)	---	Daily	41	41	36	—	—		
		Sand filter differential pressure, SF-201 (2)	---	Daily	35	32	31	—	—		
		Outlet pressure pump skid,PI-3203, (psig)	< 60 psig	Daily	16.6	16.6	16.8	—	—		
		GW flow (gpm)	0-500 gpm	Daily	245.2	245.1	245.2	—	—		
		Totalizer (Mgal)	---	Daily	415.1530	415.4269	415.7362	415.8776	415.8776		
		Bag filters changed?	yes/no	Daily	No	No	No	No			
	GAC (Train 1)	V-114A Pressure, PI-3104A (psig)	0-20 psig	Daily	9.8	10.1	10.2	10.7	10.8		
		Between Tanks, PI-3105 (psig)	0-20 psig	Daily	12.9	13.0	13.0	13.9	14.0		
		V-114B Pressure, PI-3104B (psig)	0-20 psig	Daily	7.9	7.9	7.9	8.0	8.0		
		Which Tank is Lead?	---	Daily	A	A	A	A	A		
		Which Tank is Lag?	---	Daily	B	B	B	B	B		
	GAC (Train 2)	V-214A Pressure (psig)	0-20 psig	Daily	5.9	6.0	6.0	—	—		
		Between Tanks (psig)	0-20 psig	Daily	15.8	16.1	16.1	—	—		
		V-214B Pressure (psig)	0-20 psig	Daily	10.1	10.6	10.5	—	—		
		Which Tank is Lead?	---	Daily	B	B	B	—	—		
		Which Tank is Lag?	---	Daily	A	A	A	—	—		
	Effluent Pump Skid (Train 1)	Inlet press. pump skid, PI-3108 (psig)	< 60 psig	Daily	24.1	25.0	24.9	25	25.0		
		Bag filter differential pressure, F-118A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-118B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	19.73	20.21	20.08	19.84	19.99		
		GW flow (gpm)	0-500 gpm	Daily	380.7	379.7	380.2	415.7	415.3		
		Totalizer (Mgal)	---	Daily	505.6673	506.0989	506.5934	507.1712	507.6779		
	Effluent Pump Skid (Train 2)	Inlet press. pump skid, PI-3208 (psig)	< 60 psig	Daily	21.1	22.1	21.8	—	—		
		Bag filter differential pressure, F-218A	<15 psid	Daily	0	0	0	—	—		
		Bag filter differential pressure, F-218B	<15 psid	Daily	0	0	0	—	—		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	19.61	20.42	20.09	—	—		
		GW flow (gpm)	0-500 gpm	Daily	260.7	260.9	260.2	—	—		
		Totalizer (Mgal)	---	Daily	410.3519	410.6236	410.9254	411.0689	411.0689		
	Backwash System	Clarifier Level (ft)	---	Daily	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'		
		Clarifier Discharged to Sump?	yes/no	Daily	~~Yes~~ No	Yes	Yes	No	Yes		
	Main Uninterruptable Power Supply (UPS)	Status Light	---	Daily	Green	Green	Green	Green	Green		
		Comments	---	Daily	Good	Good	Good	Good	Good		
	Sodium Hypochlorite Generator	Upstream Filter Pressure (psi)	>30 psig	Daily							
		Downstream Filter Pressure (psi)	>30 psig	Daily							
		Brine Tank Filled with Salt?	yes/no	Daily							
		Generator Inlet Pressure (psi)	>30 psig	Daily							
		Generator Faulted?	yes/no	Daily		OFF					
		Oxidant Tank Level (ft)	>2 ft	Daily	OFF		OFF	OFF	OFF		
		Train 1 Dosing Pump Faulted?	yes/no	Daily							
		Train 2 Dosing Pump Faulted?	yes/no	Daily							
		Train 1 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily		0.10					
		Train 2 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily		0.11					

AMS/MGP

NSF 61
Plumbing grease
Pure silicone

Notes:

T2 bad T1 transducer BW

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					1/25/21	1/26/21	1/27/21	1/28/21	1/29/21	/ /	/ /
					Time: 0942	0815	0720	1020	0922		
GWTS	Influent Pump Skid (Train 1)	Inlet pressure pump skid, PI-3102 (psig)	< 60 psig	Daily	39	35.5	37.5	34.5	38.5		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.447	0.452	0.447	0.453	0.448		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.468	0.473	0.465	0.470	0.468		
		Sand filter differential pressure, SF-101 (1)	---	Daily 35	~~493.7348~~ 400.1	31	34	30	35		
		Sand filter differential pressure, SF-101 (2)	---	Daily 29	~~493.7348~~	29	29	28	32		
		Outlet pressure pump skid, PI-3103 (psig)	< 60 psig	Daily	15.2	15.4	15.4	15.4	15.4		
		GW flow (gpm)	0-500 gpm	Daily	400.1	400.4	400.3	400.6	399.8		
		Totalizer (Mgal)	---	Daily	~~493.7348~~	494.2450	494.7757	495.3819	495.8953		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	Influent Pump Skid (Train 2)	Inlet pressure pump skid, PI-3202 (psig)	< 60 psig	Daily	—	—	—	—	—		
		Bag filter differential pressure, F212A	<15 psid	Daily	—	—	—	—	—		
		Bag filter differential pressure, F212B	<15 psid	Daily	—	—	—	—	—		
		Sand filter differential pressure, SF-201 (1)	---	Daily	—	—	—	—	—		
		Sand filter differential pressure, SF-201 (2)	---	Daily	—	—	—	—	—		
		Outlet pressure pump skid,PI-3203, (psig)	< 60 psig	Daily	—	—	—	—	—		
		GW flow (gpm)	0-500 gpm	Daily	—	—	—	—	—		
		Totalizer (Mgal)	---	Daily	—	415.8776	415.8776	415.8776	415.8776		
		Bag filters changed?	yes/no	Daily	—	—	—	—	—		
	GAC (Train 1)	V-114A Pressure, PI-3104A (psig)	0-20 psig	Daily	10.8	10.9	10.8	10.6	10.1		
		Between Tanks, PI-3105 (psig)	0-20 psig	Daily	13.9	14.0	14.0	14.0	13.9		
		V-114B Pressure, PI-3104B (psig)	0-20 psig	Daily	8.0	8.0	7.9	7.9	7.9		
		Which Tank is Lead?	---	Daily	A	A	A	A	A		
		Which Tank is Lag?	---	Daily	B	B	B	B	B		
	GAC (Train 2)	V-214A Pressure (psig)	0-20 psig	Daily	—	—	—	—	—		
		Between Tanks (psig)	0-20 psig	Daily	—	—	—	—	—		
		V-214B Pressure (psig)	0-20 psig	Daily	—	—	—	—	—		
		Which Tank is Lead?	---	Daily	—	—	—	—	—		
		Which Tank is Lag?	---	Daily	—	—	—	—	—		
	Effluent Pump Skid (Train 1)	Inlet press. pump skid, PI-3108 (psig)	< 60 psig	Daily	27.5	25.1	25.0	25.0	25.0		
		Bag filter differential pressure, F-118A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-118B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	19.45	20.34	19.96	19.75	20.01		
		GW flow (gpm)	0-500 gpm	Daily	415.1	414.7	415.1	415.0	415.2		
		Totalizer (Mgal)	---	Daily	509.2930	509.3042	510.3382	510.9478	511.4617		
	Effluent Pump Skid (Train 2)	Inlet press. pump skid, PI-3208 (psig)	< 60 psig	Daily	—	—	—	—	—		
		Bag filter differential pressure, F-218A	<15 psid	Daily	—	—	—	—	—		
		Bag filter differential pressure, F-218B	<15 psid	Daily	—	—	—	—	—		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	—	—	—	—	—		
		GW flow (gpm)	0-500 gpm	Daily	—	—	—	—	—		
		Totalizer (Mgal)	---	Daily	411.0689	411.0689	411.0689	411.0689	411.0689		
	Backwash System	Clarifier Level (ft)	---	Daily	Cell 2 2.6	Cell 2 2.6	Cell 2 2.6	Cell 2 2.6	Cell 2 2.6		
		Clarifier Discharged to Sump?	yes/no	Daily	Yes	No	No	ITS	No		
	Main Uninterruptable Power Supply (UPS)	Status Light	---	Daily	Green	Green	Green	Green	Green		
		Comments	---	Daily	Good	Good	Good	Good	Good		
	Sodium Hypochlorite Generator	Upstream Filter Pressure (psi)	>30 psig	Daily							
		Downstream Filter Pressure (psi)	>30 psig	Daily							
		Brine Tank Filled with Salt?	yes/no	Daily							
		Generator Inlet Pressure (psi)	>30 psig	Daily							
		Generator Faulted?	yes/no	Daily	OFF	OFF	OFF	OFF	OFF		
		Oxidant Tank Level (ft)	>2 ft	Daily							
		Train 1 Dosing Pump Faulted?	yes/no	Daily							
		Train 2 Dosing Pump Faulted?	yes/no	Daily							
		Train 1 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily	0.15	—	—	—	—		
		Train 2 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily	—	—	—	—	—		

Notes:

* Nitrate running low

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					1/25/21	1/26/21	1/27/21	1/28/21	1/29/21	/ /	/ /
					Time: 0951	0821	0730	1029	0932		
HMI	Well KAFB-106228	GW flow, FT-3001 (gpm)	0-200 gpm	Daily	136	137	136	136	136		
		Wellhead Pressure (psig)	< 150 psig	Daily	64.0	64.2	639 6455	64.0	64.2		
		Water Level Above Transducer (ft)	---	Daily	10.23	10.32	9.69	9.49	10.17		
	Well KAFB-106233	GW flow, FT-7001 (gpm)	0-200 gpm	Daily	—	—	—	—	—		
		Wellhead Pressure (psig)	< 150 psig	Daily	—	—	—	—	—		
		Water Level Above Transducer (ft)	---	Daily	3757	3758	3706	3704	3735		
	Well KAFB-106234	GW flow, FI-7002(gpm)	0-200 gpm	Daily	175	183	175	175	175		
		Wellhead Pressure (psig)	< 150 psig	Daily	18.9	18.9	18.9 18.9	18.8	18.9		
		Water Level Above Transducer (ft)	---	Daily	23.86	23.86	2335	23.32	23.76		
	Well KAFB-106239	GW flow, FI-7002(gpm)	0-200 gpm	Daily	73	73	73	73	72		
		Wellhead Pressure (psig)	< 150 psig	Daily	49.1	49.0	48.9	49.1	49.1		
		Water Level Above Transducer (ft)	---	Daily	14.66	14.61	14.09	13.94	14.40		
	Influent Pump Skid (1)	GW flow (gpm)	0-400 gpm	Daily	400	399	400	400	400		
		Totalizer (1000 gal)	---	Daily	502 146 179	502 673 995	503 223 462	503 852 458	504 357 870		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.45	0.45	0.45	0.45	0.45		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.46	0.47	0.46	0.47	0.47		
	Influent Pump Skid (2)	GW flow (gpm)	0-400 gpm	Daily	—	—	—	—	—		
		Totalizer (1000 gal)	---	Daily	339 484 328	339 484 328	339 484 328	339 484 328	339 484 328		
		Bag filter differential pressure, F-212A, PDI-3202A	<15 psid	Daily	—	—	—	—	—		
		Bag filter differential pressure, F-212B, PDI-3202B	<15 psid	Daily	—	—	—	—	—		
	Effluent Skid Pump (1)	GW flow (gpm)	0-400 gpm	Daily	415	415	415	415	415		
		Totalizer (1000 gal)	---	Daily	546 970 156	547 558 420	548 161 440	548 857 232	549 442 668		
	Effluent Skid Pump (2)	GW flow (gpm)	0-400 gpm	Daily	—	—	—	—	—		
		Totalizer (1000 gal)	---	Daily	433 002 378	433 002 378	433 002 378	433 002 378	433 002 378		
	Injection Well KAFB-7	Pressure (psig)	0-120 psig	Daily	13.2	13.0	13.5	13.4	13.3		
		Water Level Above Transducer (ft)	10-100 ft	Daily	2066	6931	70.08	6923	6852		
	Injection Well KAFB-IN2	Upstream Pressure (psig)	0-120 psig	Daily	* 9.3	9.0	9.1	9.0	9.2		
		Downstream Pressure (psig)	0-120 psig	Daily	0 ~~43.2~~ **	0	—	0	0		
		Water Level Above Transducer (ft)	10-100 ft	Daily	* 0	* 0	—	0	0		
	Golf Course Pond	Pond Level (ft)	0.7-3.5 ft	Daily	3.80	3.90	3.90	3.86	3.29		
HIMs	Influent Pump Skid (1)	Frequency (Hz, P112A | B)	>30 Hz	Daily	50 31 | 50 32	48 06 | 48 03	49 99 | 49 91	47 24 | 47 30	49 41 | 49 33		
		Amperage (A, P112A | B)	>10 A	Daily	12.3 | 12.5	11.8 | 11.9	12.3 | 12.4	11.5 | 11.6	12.1 | 12.2		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	9.9	6	8.5	5.1	5.5		
	Influent Pump Skid (2)	Frequency (Hz, P212A | B)	>30 Hz	Daily	— —	— —	— —	— —	— —		
		Amperage (A, P212A | B)	>10 A	Daily	— —	— —	— —	— —	— —		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	—	—	—	—	—		
	Effluent Pump Skid (1)	Frequency (Hz, P118)	>30 Hz	Daily	49.80	50.04	50.45	50.61	49 68		
		Amperage (A, P118)	>10 A	Daily	17.3	17.3	17.4	17.5	17.3		
	Effluent Pump Skid (2)	Frequency (Hz, P218)	>30 Hz	Daily	—	—	—	—	—		
		Amperage (A, P218)	>10 A	Daily	—	—	—	—	—		
Well Vault	KAFB-106228	Totalizer (Mgal)	---	Weekly	—	—	175,187.2	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	—	131.8	—	—		
Well Vault	KAFB-106239	Totalizer (Mgal)	---	Weekly	—	—	99,385.8	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	—	72.9	—	—		
Well Control House	KAFB-106233	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	0.0	—	—		
		GW flow, FT-7001 (gpm)	0-200 gpm	Weekly	—	—	—	—	—		
		Totalizer (Mgal)	---	Weekly	—	—	223,394.0	—	—		
	KAFB-106234	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	79 psi	—	—		
		GW flow, FT-7002 (gpm)	0-200 gpm	Weekly	—	—	174.1	—	—		
		Totalizer (Mgal)	---	Weekly	—	—	335,553.3	—	—		
	Well Control House	Effluent Line Pressure, PI-7005	< 150 psig	Weekly	—	—	19.1	—	—		
Well Head	KAFB-7	*Totalizer (1000 gal)	---	Weekly	75,390,000	—	—	—	—		
		GW flow (gpm)	0-800 gpm	Weekly	—	—	—	—	—		
Well Head	KAFB-IN2	*Totalizer (1000 gal)	---	Weekly	0.1807	—	—	—	—		
		GW flow (gpm)	0-800 gpm	Weekly	—	—	—	—	—		

Notes:

* The KAFB-7 and KAFB-IN2 Totalizer readings should be recorded weekly as well as on days when the effluent flow is changed between KAFB-7, KAFB-IN2, and the Golf Course Main Pond.

* Rehab on IN2

Hz 56 55
Amps 34 27
VFD 17.9
AC 80 °F
Amb 31°F

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					2 | 1 | 21	2 | 2 | 21	2 | 3 | 21	2 | 4 | 21	2 | 5 | 21	_ | _ | __	_ | _ | __
					Time:	0702	0705	0807	1134		
HMI	Well KAFB-106228	GW flow, FT-3001 (gpm)	0-200 gpm	Daily		136	137	137	137		
		Wellhead Pressure (psig)	< 150 psig	Daily		64.6	62.3	62.7 6359	62.4		
		Water Level Above Transducer (ft)	---	Daily		10.61	10.82	10.77	10.51		
	Well KAFB-106233	GW flow, FT-7001 (gpm)	0-200 gpm	Daily		—	159	159	160		
		Wellhead Pressure (psig)	< 150 psig	Daily		—	22.8	22.8 2206	22.8		
		Water Level Above Transducer (ft)	---	Daily		37.35	32.08	32.05	32.02		
	Well KAFB-106234	GW flow, FI-7002(gpm)	0-200 gpm	Daily		175	174	174	174		
		Wellhead Pressure (psig)	< 150 psig	Daily		19.0	23.0	23.0 2510	23.0		
		Water Level Above Transducer (ft)	---	Daily		23.96	24.14	24.10	24.12		
	Well KAFB-106239	GW flow, FI-7002(gpm)	0-200 gpm	Daily		73	73	73	73		
		Wellhead Pressure (psig)	< 150 psig	Daily		49.0	47.7	47.7 4724	47.7		
		Water Level Above Transducer (ft)	---	Daily		14.79	14.91	14.81	14.63		
	Influent Pump Skid (1)	GW flow (gpm)	0-400 gpm	Daily		400	365	365	365		
		Totalizer (1000 gal)	---	Daily		505601662	505870556	506278470	506811378		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily		0.45	0.38	0.37	0.37		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily		0.47	0.40	0.39	0.39		
	Influent Pump Skid (2)	GW flow (gpm)	0-400 gpm	Daily		—	245	245	245		
		Totalizer (1000 gal)	---	Daily		339454328	339654504	339709876	340242140		
		Bag filter differential pressure, F-212A, PDI-3202A	<15 psid	Daily		—	0.09	0.10	0.09		
		Bag filter differential pressure, F-212B, PDI-3202B	<15 psid	Daily		—	0.07	0.06	0.06		
	Effluent Skid Pump (1)	GW flow (gpm)	0-400 gpm	Daily		415	382	380			
		Totalizer (1000 gal)	---	Daily		551043548	551387764	551910736	552599380		
	Effluent Skid Pump (2)	GW flow (gpm)	0-400 gpm	Daily			261	259	259		
		Totalizer (1000 gal)	---	Daily		433002378	433154806	433393586	433701752		
	Injection Well KAFB-7	Pressure (psig)	0-120 psig	Daily		13.5	13.4	13.2	13.0		
		Water Level Above Transducer (ft)	10-100 ft	Daily		67.68	66.95	89.22	80.53		
	Injection Well KAFB-IN2	Upstream Pressure (psig)	0-120 psig	Daily		* 0		0	0		
		Downstream Pressure (psig)	0-120 psig	Daily		* 0	0.1	0	0		
		Water Level Above Transducer (ft)	10-100 ft	Daily		* 0.1	0.0	0	0		
	Golf Course Pond	Pond Level (ft)	0.7-3.5 ft	Daily		2.89	3.18	3.52	3.35		
HIMs	Influent Pump Skid (1)	Frequency (Hz, P112A | B)	>30 Hz	Daily		48.02 | 47.96	45.69 | 45.71	47.18 | 47.12	46.84 | 46.74		
		Amperage (A, P112A | B)	>10 A	Daily		11.7 | 12.0	10.7 | 10.9	11.1 | 11.3	11.0 | 11.2		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily		5.5	5	5.5	5.5		
	Influent Pump Skid (2)	Frequency (Hz, P212A | B)	>30 Hz	Daily		— | —	43.90 | 43.91	43.11 | 43.05	43.40 | 43.36		
		Amperage (A, P212A | B)	>10 A	Daily		— | —	9.8 | 9.5	9.5 | 9.3	9.5 | 9.4		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily		—	5	5.1	5.5		
	Effluent Pump Skid (1)	Frequency (Hz, P118)	>30 Hz	Daily		49.66	50.79	48.12	48.80		
		Amperage (A, P118)	>10 A	Daily		17.2	17.1	16.4	16.5		
	Effluent Pump Skid (2)	Frequency (Hz, P218)	>30 Hz	Daily		—	44.85	42.42	42.34		
		Amperage (A, P218)	>10 A	Daily		—	13.6	12.9	12.8		
Well Vault	KAFB-106228	Totalizer (Mgal)	---	Weekly	~~175.1882~~	175.9402	—	176.3575	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	—	—	132.8	—		
Well Vault	KAFB-106239	Totalizer (Mgal)	---	Weekly	99.7940	—	—	100.0234	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	—	—	73.1	—		
Well Control House	KAFB-106233	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	—	94 psi	—		
		GW flow, FT-7001 (gpm)	0-200 gpm	Weekly	—	—	—	154.9	—		
		Totalizer (Mgal)	---	Weekly	223.3940	—	—	223.7587	—		
	KAFB-106234	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	—	77 psi	—		
		GW flow, FT-7002 (gpm)	0-200 gpm	Weekly	—	—	—	172.9	—		
		Totalizer (Mgal)	---	Weekly	~~223.3940~~	336.5755	—	337.2499	—		
	Well Control House	Effluent Line Pressure, PI-7005	< 150 psig	Weekly	—	—	—	22.1	—		
Well Head	KAFB-7	*Totalizer (1000 gal)	---	Weekly	7840000	—	—				
		GW flow (gpm)	0-800 gpm	Weekly	—	—	—				
Well Head	KAFB-IN2	*Totalizer (1000 gal)	---	Weekly							
		GW flow (gpm)	0-800 gpm	Weekly	—	—	—				

Notes:

* The KAFB-7 and KAFB-IN2 Totalizer readings should be recorded weekly as well as on days when the effluent flow is changed between KAFB-7, KAFB-IN2, and the Golf Course Main Pond.

Valve to IN2 drain is closed off

AC 87°F
Amb 51°F
VFD 20.0 %
Hz 56.61
Amps 34.20

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					2/1/21	2/2/21	2/3/21	2/4/21	2/5/21	/ /	/ /
					Time:	0708	0655	0750	1120		
GWTS	Influent Pump Skid (Train 1)	Inlet pressure pump skid, PI-3102 (psig)	< 60 psig	Daily		35.1	33.5	37.5	33.9		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily		0.445	0.378	0.373	0.377		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily		0.475	0.398	0.388	0.393		
		Sand filter differential pressure, SF-101 (1)	---	Daily		31	29	29	30		
		Sand filter differential pressure, SF-101 (2)	---	Daily		28	29	27.5	28		
		Outlet pressure pump skid, PI-3103 (psig)	< 60 psig	Daily		15.4	14.1	14.1	14.1		
		GW flow (gpm)	0-500 gpm	Daily		481	364.9	365.3	365.2		
		Totalizer (Mgal)	---	Daily		497,297	497,5703	497,9890	498,5363		
		Bag filters changed?	yes/no	Daily		No	No	No	No		
	Influent Pump Skid (Train 2)	Inlet pressure pump skid, PI-3202 (psig)	< 60 psig	Daily		—	37	35	35.8		
		Bag filter differential pressure, F212A	<15 psid	Daily		—	0.064	0.067	0.064		
		Bag filter differential pressure, F212B	<15 psid	Daily		—	0.092	0.098	0.099		
		Sand filter differential pressure, SF-201 (1)	---	Daily		—	34	32	33		
		Sand filter differential pressure, SF-201 (2)	---	Daily		—	31	30.5	31		
		Outlet pressure pump skid,PI-3203, (psig)	< 60 psig	Daily		—	16.3	15.9	15.9		
		GW flow (gpm)	0-500 gpm	Daily		—	245.2	246.8	245.2		
		Totalizer (Mgal)	---	Daily		415,5776	416,0508	416,3136	416,6597		
		Bag filters changed?	yes/no	Daily		No	No	No	No		
	GAC (Train 1)	V-114A Pressure, PI-3104A (psig)	0-20 psig	Daily		10.8	10.1	10.1	10.1		
		Between Tanks, PI-3105 (psig)	0-20 psig	Daily		14.0	13.1	13.0	13.1		
		V-114B Pressure, PI-3104B (psig)	0-20 psig	Daily		8.0	7.9	7.9	7.9		
		Which Tank is Lead?	---	Daily		A	A	A	A		
		Which Tank is Lag?	---	Daily		B	B	B	B		
	GAC (Train 2)	V-214A Pressure (psig)	0-20 psig	Daily		—	5.5	5.0	6.0		
		Between Tanks (psig)	0-20 psig	Daily		—	~~10.9~~	15.0 ~~4.8~~	16.1		
		V-214B Pressure (psig)	0-20 psig	Daily		—	10.1	9.3	10.7		
		Which Tank is Lead?	---	Daily		—	B	B	B		
		Which Tank is Lag?	---	Daily		—	A	A	A		
	Effluent Pump Skid (Train 1)	Inlet press. pump skid, PI-3108 (psig)	< 60 psig	Daily		24.9	28.9	25.9	25.2		
		Bag filter differential pressure, F-118A	<15 psid	Daily		0	0	0	0		
		Bag filter differential pressure, F-118B	<15 psid	Daily		0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily		19.63	24.64	21.52	20.53		
		GW flow (gpm)	0-500 gpm	Daily		415.0	381.6	380.9	380.1		
		Totalizer (Mgal)	---	Daily		512,8683	513,1413	513,5638	514,1116		
	Effluent Pump Skid (Train 2)	Inlet press. pump skid, PI-3208 (psig)	< 60 psig	Daily		—	26.3	22.9	22.3		
		Bag filter differential pressure, F-218A	<15 psid	Daily		—	0	0	0		
		Bag filter differential pressure, F-218B	<15 psid	Daily		—	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily		—	25.24	21.30	20.37		
		GW flow (gpm)	0-500 gpm	Daily		—	261.3	260.1	260.9		
		Totalizer (Mgal)	---	Daily		411,0659	411,2366	411,4957	411,8336		
	Backwash System	Clarifier Level (ft)	---	Daily		—	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'		
		Clarifier Discharged to Sump?	yes/no	Daily		—	No	Yes	No		
	Main Uninterruptable Power Supply (UPS)	Status Light	---	Daily	Green	Green	Green	Green	Green		
		Comments	---	Daily	Good	Good	Good	Good	Good		
	Sodium Hypochlorite Generator	Upstream Filter Pressure (psi)	>30 psig	Daily	0	0	0	0	0		
		Downstream Filter Pressure (psi)	>30 psig	Daily	0	0	0	0	0		
		Brine Tank Filled with Salt?	yes/no	Daily	No	No	No	No	No		
		Generator Inlet Pressure (psi)	>30 psig	Daily							
		Generator Faulted?	yes/no	Daily							
		Oxidant Tank Level (ft)	>2 ft	Daily				O/K	O/K		
		Train 1 Dosing Pump Faulted?	yes/no	Daily	O/K	O/K	O/K				
		Train 2 Dosing Pump Faulted?	yes/no	Daily							
		Train 1 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily				0.15	0.15		
		Train 2 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily				~~0.18~~ 0.16	0.16		

Notes:

Stella 2.26
HMI 3.46

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	/ /	/ /
					Time: 1107	~~1107~~	1303	1610	1715		
GWTS	Influent Pump Skid (Train 1)	Inlet pressure pump skid, PI-3102 (psig)	< 60 psig	Daily	35	35	34.9	40	40.2		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.374	0.377	0.373	0.374	0.377		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.392	0.392	0.391	0.395	0.396		
		Sand filter differential pressure, SF-101 (1)	---	Daily	31	31	31	37	37		
		Sand filter differential pressure, SF-101 (2)	---	Daily	28	28	28	31	32		
		Outlet pressure pump skid, PI-3103 (psig)	< 60 psig	Daily	14.0	14.1	14.1	14.2	14.1		
		GW flow (gpm)	0-500 gpm	Daily	365.6	365.3	365.4	365.5	365.4		
		Totalizer (Mgal)	---	Daily	499.9652	500.3885	500.9625	501.2862	501.5665		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	Influent Pump Skid (Train 2)	Inlet pressure pump skid, PI-3202 (psig)	< 60 psig	Daily	41	35.5	39.9	37	47		
		Bag filter differential pressure, F212A	<15 psid	Daily	0.065	0.065	0.066	0.069	0.066		
		Bag filter differential pressure, F212B	<15 psid	Daily	0.103	0.098	0.098	0.101	0.100		
		Sand filter differential pressure, SF-201 (1)	---	Daily	39	33	37	35	~~43~~ 33		
		Sand filter differential pressure, SF-201 (2)	---	Daily	31	31	31	33	~~35~~ 31		
		Outlet pressure pump skid,PI-3203, (psig)	< 60 psig	Daily	16.9	16.9	16.8	16.2	16.1		
		GW flow (gpm)	0-500 gpm	Daily	245.0	244.7	245.7	244.7	245.6		
		Totalizer (Mgal)	---	Daily	417.5576	417.8189	418.1791	418.3804	418.5545		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	GAC (Train 1)	V-114A Pressure, PI-3104A (psig)	0-20 psig	Daily	10.1	10.1	10.1	9.8	9.8		
		Between Tanks, PI-3105 (psig)	0-20 psig	Daily	13.0	13.0	13.0	13.1	13.1		
		V-114B Pressure, PI-3104B (psig)	0-20 psig	Daily	7.9	7.9	7.9	7.9	7.9		
		Which Tank is Lead?	---	Daily	A	A	A	A	A		
		Which Tank is Lag?	---	Daily	B	B	B	B	B		
	GAC (Train 2)	V-214A Pressure (psig)	0-20 psig	Daily	6.0	6.0	6.0	5.0	6.0		
		Between Tanks (psig)	0-20 psig	Daily	16.1	16.1	16.1	15.5	16.1		
		V-214B Pressure (psig)	0-20 psig	Daily	10.8	10.5	10.7	9.5	9.9		
		Which Tank is Lead?	---	Daily	B	B	B	B	B		
		Which Tank is Lag?	---	Daily	A	A	A	A	A		
	Effluent Pump Skid (Train 1)	Inlet press. pump skid, PI-3108 (psig)	< 60 psig	Daily	24.2	24.5	24.9	31.2	30.9		
		Bag filter differential pressure, F-118A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-118B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	~~19.90~~	20.05	~~20.12~~	26.91	26.28		
		GW flow (gpm)	0-500 gpm	Daily	380.7	380.2	380.4	381.0	379.6		
		Totalizer (Mgal)	---	Daily	515.5469	515.9687	516.5407	516.8650	517.1413		
	Effluent Pump Skid (Train 2)	Inlet press. pump skid, PI-3208 (psig)	< 60 psig	Daily	21.8	21.9	21.9	28.5	27.9		
		Bag filter differential pressure, F-218A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-218B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	20.02	20.15	20.15	26.96	~~26.31~~ 26.28		
		GW flow (gpm)	0-500 gpm	Daily	260.4	260.4	260.7	260.8	260.6		
		Totalizer (Mgal)	---	Daily	412.7247	412.9854	413.3393	413.5718	413.7127		
	Backwash System	Clarifier Level (ft)	---	Daily	Cell 2 2.6	Cell 2 2.6	Cell 2 2.6	Cell 2 2.6	Cell 2 2.6		
		Clarifier Discharged to Sump?	yes/no	Daily	~~Yes~~	No	N/a	~~No~~ Yes	Yes		
	Main Uninterruptable Power Supply (UPS)	Status Light	---	Daily	Green	Green	Green	Green	Green		
		Comments	---	Daily	Good	Good	Good	Good	Good		
	Sodium Hypochlorite Generator	Upstream Filter Pressure (psi)	>30 psig	Daily	OFF	OFF	OFF	OFF	OFF		
		Downstream Filter Pressure (psi)	>30 psig	Daily	OFF	OFF	OFF	OFF	OFF		
		Brine Tank Filled with Salt?	yes/no	Daily	No	No	No	No	No		
		Generator Inlet Pressure (psi)	>30 psig	Daily							
		Generator Faulted?	yes/no	Daily							
		Oxidant Tank Level (ft)	>2 ft	Daily							
		Train 1 Dosing Pump Faulted?	yes/no	Daily	OFF						
		Train 2 Dosing Pump Faulted?	yes/no	Daily		OFF	OFF	OFF	OFF		
		Train 1 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily	0.18						
		Train 2 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily	0.16						

Notes:

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	/ /	/ /
					Time: 1116	0833	1318	1817	1724		
HMI	Well KAFB-106228	GW flow, FT-3001 (gpm)	0-200 gpm	Daily	137	137	137	137	137		
		Wellhead Pressure (psig)	< 150 psig	Daily	62.6	62.4 6388	62.2	62.5	62.4		
		Water Level Above Transducer (ft)	---	Daily	10.23	10.23	10.29	11.13	11.41		
	Well KAFB-106233	GW flow, FT-7001 (gpm)	0-200 gpm	Daily	160	160	160	160	160		
		Wellhead Pressure (psig)	< 150 psig	Daily	22.8	22.8 2292	22.8	22.8	22.9		
		Water Level Above Transducer (ft)	---	Daily	3194	31.85	3194	3238	3253		
	Well KAFB-106234	GW flow, FI-7002(gpm)	0-200 gpm	Daily	174	174	174	174	174		
		Wellhead Pressure (psig)	< 150 psig	Daily	23.0	23.0 2299	23.0	22.0	23.0		
		Water Level Above Transducer (ft)	---	Daily	2410	2404	2414	2478	24.92		
	Well KAFB-106239	GW flow, FI-7002(gpm)	0-200 gpm	Daily	72-73	72	72	72	72		
		Wellhead Pressure (psig)	< 150 psig	Daily	47.6	47.5 4753	47.6	47.5	47.7		
		Water Level Above Transducer (ft)	---	Daily	14.51	14.51	14.53	15.5	15.68		
	Influent Pump Skid (1)	GW flow (gpm)	0-400 gpm	Daily	365	365	365	366	365		
		Totalizer (1000 gal)	---	Daily	508204144	508615290	509171471	509488753	509756900		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.38	0.37	0.38	0.37	0.38		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.39	0.39	0.40	0.40	0.39		
	Influent Pump Skid (2)	GW flow (gpm)	0-400 gpm	Daily	245	245	245	245	245		
		Totalizer (1000 gal)	---	Daily	341108250	341363056	341709852	341906204	~~0~~ 342	071 768	
		Bag filter differential pressure, F-212A, PDI-3202A	<15 psid	Daily	0.10	0.10	0.11	0.10	0.10		
		Bag filter differential pressure, F-212B, PDI-3202B	<15 psid	Daily	0.07	0.06	0.06	0.06	0.06		
	Effluent Skid Pump (1)	GW flow (gpm)	0-400 gpm	Daily	378	380	380	380	380		
		Totalizer (1000 gal)	---	Daily	554573020	554878940	555612272	556016132	556359900		
	Effluent Skid Pump (2)	GW flow (gpm)	0-400 gpm	Daily	260		253	260	259		
		Totalizer (1000 gal)	---	Daily	434510654		435072336	435256692	435411712		
	Injection Well KAFB-7	Pressure (psig)	0-120 psig	Daily	13.6	2.2	1.7	12.8	13.8		
		Water Level Above Transducer (ft)	10-100 ft	Daily	85.55	58.26	58.49	86.77	84.73		
	Injection Well KAFB-IN2	Upstream Pressure (psig)	0-120 psig	Daily	~~x~~ 0	~~x~~ 0	0	0	0		
		Downstream Pressure (psig)	0-120 psig	Daily	~~x~~ 0	~~x~~ 0	0	0	0		
		Water Level Above Transducer (ft)	10-100 ft	Daily	~~x~~ 0	~~x~~ 0	0	0	0		
	Golf Course Pond	Pond Level (ft)	0.7-3.5 ft	Daily	3.25	3.29	3.25	3.61	3.59		
HIMs	Influent Pump Skid (1)	Frequency (Hz, P112A | B)	>30 Hz	Daily	47.28 | 47.26	46.83 | 46.77	46.54 | 46.51	49.77 | 49.84	50.12 | 50.12		
		Amperage (A, P112A | B)	>10 A	Daily	11.1 | 11.3	11.1 | 11.2	10.9 | 11.0	11.8 | 11.9	11.9 | 12.0		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	8	8	8.5	9	9.0 ~~8.5~~		
	Influent Pump Skid (2)	Frequency (Hz, P212A | B)	>30 Hz	Daily	46.05 | 46.09	43.10 | 43.12	45.49 | 45.55	44.09 | 44.12	49.98 | 49.99		
		Amperage (A, P212A | B)	>10 A	Daily	10.1 | 9.9	9.4 | 9.3	10.1 | 9.8	9.7 | 9.5	11.1 | 10.8		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	11	6	9.9	5.5	~~13.2~~ ~~9.0~~ → 13.5		
	Effluent Pump Skid (1)	Frequency (Hz, P118)	>30 Hz	Daily	~~48.22~~	48.17	49.06	53.46	53.16		
		Amperage (A, P118)	>10 A	Daily	16.3	16.3	16.6	18.2	18.1		
	Effluent Pump Skid (2)	Frequency (Hz, P218)	>30 Hz	Daily	43.31	41.87	41.88	48.18	48.07		
		Amperage (A, P218)	>10 A	Daily	13.0	12.7	12.7	14.9	14.6		
Well Vault	KAFB-106228	Totalizer (Mgal)	---	Weekly	—	177.2979	—	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	132.8	—	—	—		
Well Vault	KAFB-106239	Totalizer (Mgal)	---	Weekly	—	100.5375	—	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	72.7	—	—	—		
Well Control House	KAFB-106233	Wellhead Pressure (psig)	< 150 psig	Weekly	—	95 psi	—	—	—		
		GW flow, FT-7001 (gpm)	0-200 gpm	Weekly	—	160.5	—	—	—		
		Totalizer (Mgal)	---	Weekly	—	224.8922	—	—	—		
	KAFB-106234	Wellhead Pressure (psig)	< 150 psig	Weekly	—	79 psi	—	—	—		
		GW flow, FT-7002 (gpm)	0-200 gpm	Weekly	—	172.9	—	—	—		
		Totalizer (Mgal)	---	Weekly	—	338.4749	—	—	—		
	Well Control House	Effluent Line Pressure, PI-7005	< 150 psig	Weekly	—	22.1	—	—	—		
Well Head	KAFB-7	*Totalizer (1000 gal)	---	Weekly	—	82740000	—	—	—		
		GW flow (gpm)	0-800 gpm	Weekly	—		—	—	—		
Well Head	KAFB-IN2	*Totalizer (1000 gal)	---	Weekly	—	~~82~~	—	—	—		
		GW flow (gpm)	0-800 gpm	Weekly	—		—	—	—		

Notes:

* The KAFB-7 and KAFB-IN2 Totalizer readings should be recorded weekly as well as on days when the effluent flow is changed between KAFB-7, KAFB-IN2, and the Golf Course Main Pond.

Testing Developing IN2 →

Amb. 53°F
AC 77°F
VFD 20.2 °C
Hz 56.59
Amps 34.27

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					2/15/21	2/16/21	2/17/21	2/18/21	2/19/21	/ /	/ /
					Time: 0840	0720	0722	0735	1017		
GWTS	Influent Pump Skid (Train 1)	Inlet pressure pump skid, PI-3102 (psig)	< 60 psig	Daily	36.5	37	32.5	33	38		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.372	0.376	0.374	0.375	0.384		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.393	0.397	0.398	0.388	0.394		
		Sand filter differential pressure, SF-101 (1)	---	Daily	33	33	29	29	25		
		Sand filter differential pressure, SF-101 (2)	---	Daily	28	28	27	27	21		
		Outlet pressure pump skid, PI-3103 (psig)	< 60 psig	Daily	14.1	14.0	14.0	14.0	14.0		
		GW flow (gpm)	0-500 gpm	Daily	365.3	365.5	365.2	365.1	365.8		
		Totalizer (Mgal)	---	Daily	502.6685	503.0325	503.5043	503.8210	504.1744		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	Influent Pump Skid (Train 2)	Inlet pressure pump skid, PI-3202 (psig)	< 60 psig	Daily		38	36.9	38.5	46		
		Bag filter differential pressure, F212A	<15 psid	Daily	0.063	0.064	0.066	0.098	0.064		
		Bag filter differential pressure, F212B	<15 psid	Daily	0.100	0.100	0.096	0.065	0.099		
		Sand filter differential pressure, SF-201 (1)	---	Daily	38	36	34	37	42		
		Sand filter differential pressure, SF-201 (2)	---	Daily	32	34	31	31	35		
		Outlet pressure pump skid,PI-3203, (psig)	< 60 psig	Daily	16.2	16.2	16.2	17.0	16.7		
		GW flow (gpm)	0-500 gpm	Daily	245.2	245.3	244.8	244.6	245.7		
		Totalizer (Mgal)	---	Daily	419.2407	419.4597	419.7599	419.9566	420.1770		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	GAC (Train 1)	V-114A Pressure, PI-3104A (psig)	0-20 psig	Daily	10.1	10.0	10.1	10.1	9.9		
		Between Tanks, PI-3105 (psig)	0-20 psig	Daily	13.0	13.1	13.0	13.1	13.0		
		V-114B Pressure, PI-3104B (psig)	0-20 psig	Daily	7.9	7.9	7.9	7.9	7.9		
		Which Tank is Lead?	---	Daily	A	A	A	A	A		
		Which Tank is Lag?	---	Daily	B 10.2	B 9.6	B	B	B		
	GAC (Train 2)	V-214A Pressure (psig)	0-20 psig	Daily	5.1	5.0	5.5	6	5.0		
		Between Tanks (psig)	0-20 psig	Daily	15.7	16.1	15.8	16.1	15.9		
		V-214B Pressure (psig)	0-20 psig	Daily	—	—	10.0	10.2	9.6		
		Which Tank is Lead?	---	Daily	B	B	B	B	B		
		Which Tank is Lag?	---	Daily	A	A	A	A	A		
	Effluent Pump Skid (Train 1)	Inlet press. pump skid, PI-3108 (psig)	< 60 psig	Daily	24.5	24.9	25.8	25.0	25.0		
		Bag filter differential pressure, F-118A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-118B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	19.93	20.28	21.16	20.77	20.66		
		GW flow (gpm)	0-500 gpm	Daily	380.0	380.3	380.3	380.5	380.6		
		Totalizer (Mgal)	---	Daily	518.2465	518.6037	519.0882	519.4061	519.7548		
	Effluent Pump Skid (Train 2)	Inlet press. pump skid, PI-3208 (psig)	< 60 psig	Daily	21.5	21.9	22.9	22.1	21.1		
		Bag filter differential pressure, F-218A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-218B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	19.97	20.24	21.17	20.66	20.67		
		GW flow (gpm)	0-500 gpm	Daily	260.2	260.2	260.3	259.8	260.4		
		Totalizer (Mgal)	---	Daily	414.3913	414.6081	414.9077	415.1038	415.3201		
	Backwash System	Clarifier Level (ft)	---	Daily	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'		
		Clarifier Discharged to Sump?	yes/no	Daily	Yes Auto	Yes	Yes	No	Yes		
	Main Uninterruptable Power Supply (UPS)	Status Light	---	Daily	Green	Green	Green	Green	Green		
		Comments	---	Daily	Good	Good	Good	Good	Good		
	Sodium Hypochlorite Generator	Upstream Filter Pressure (psi)	>30 psig	Daily							
		Downstream Filter Pressure (psi)	>30 psig	Daily							
		Brine Tank Filled with Salt?	yes/no	Daily							
		Generator Inlet Pressure (psi)	>30 psig	Daily							
		Generator Faulted?	yes/no	Daily							
		Oxidant Tank Level (ft)	>2 ft	Daily		OFF		OFF	OFF		
		Train 1 Dosing Pump Faulted?	yes/no	Daily	OFF						
		Train 2 Dosing Pump Faulted?	yes/no	Daily			OFF				
		Train 1 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily							
		Train 2 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily							

Notes:

T2 Back Wash

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					2/15/21	2/16/21	2/17/21	2/18/21	2/19/21	/ /	/ /
					Time: 0851	0723	0730	0746	1024		
HMI	Well KAFB-106228	GW flow, FT-3001 (gpm)	0-200 gpm	Daily	137	137	137	137	137		
		Wellhead Pressure (psig)	< 150 psig	Daily	62.7	62.7	62.5	62.4	62.7		
		Water Level Above Transducer (ft)	---	Daily	10.45	10.39	10.62	9.43	11.07		
	Well KAFB-106233	GW flow, FT-7001 (gpm)	0-200 gpm	Daily	160	160	160	160	161		
		Wellhead Pressure (psig)	< 150 psig	Daily	22.8	22.9	22.8	22.8	22.9		
		Water Level Above Transducer (ft)	---	Daily	31.89	32.23	32.07	31.77	31.82		
	Well KAFB-106234	GW flow, FI-7002(gpm)	0-200 gpm	Daily	174	174	174	174	174		
		Wellhead Pressure (psig)	< 150 psig	Daily	23.0	23.1	23	23.0	23.0		
		Water Level Above Transducer (ft)	---	Daily	24.05	24.30	24.33	24.09	24.24		
	Well KAFB-106239	GW flow, FI-7002(gpm)	0-200 gpm	Daily	72	72	72	72	72		
		Wellhead Pressure (psig)	< 150 psig	Daily	47.3	47.2	47.1	47.2	47.1		
		Water Level Above Transducer (ft)	---	Daily	14.73	15.02	14.78	14.63	14.76		
	Influent Pump Skid (1)	GW flow (gpm)	0-400 gpm	Daily	365	365	365	365	365		
		Totalizer (1000 gal)	---	Daily	510834135	511178675	511647272	511955830	512297696		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.38	0.37	0.37	0.38	0.37		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.39	0.39	0.39	0.39	0.40		
	Influent Pump Skid (2)	GW flow (gpm)	0-400 gpm	Daily	245	245	245	245	245		
		Totalizer (1000 gal)	---	Daily	342736756	342947452	343237580	343438580	343640312		
		Bag filter differential pressure, F-212A, PDI-3202A	<15 psid	Daily	0.10	0.10	0.09	0.10	10		
		Bag filter differential pressure, F-212B, PDI-3202B	<15 psid	Daily	0.07	0.07	0.06	0.06	06		
	Effluent Skid Pump (1)	GW flow (gpm)	0-400 gpm	Daily	380	381	380	381	380		
		Totalizer (1000 gal)	---	Daily	557737476	558179852	558776916	559171808	559611076		
	Effluent Skid Pump (2)	GW flow (gpm)	0-400 gpm	Daily	259	260	261	262	260		
		Totalizer (1000 gal)	---	Daily	436021732	436228524	436499052	436677392	436876820		
	Injection Well KAFB-7	Pressure (psig)	0-120 psig	Daily	104.44	12.9	13.0	12.2	1.5		
		Water Level Above Transducer (ft)	10-100 ft	Daily	~~125~~	90.76	113.77	106.15	<9.05		
	Injection Well KAFB-IN2	Upstream Pressure (psig)	0-120 psig	Daily	frozen ~12.2	↔ 6.9	frozen 11.7	0	5.1		
		Downstream Pressure (psig)	0-120 psig	Daily	0	0	0	0	PM 5.1 Both		
		Water Level Above Transducer (ft)	10-100 ft	Daily	0	0	0	0	Disconnected		
	Golf Course Pond	Pond Level (ft)	0.7-3.5 ft	Daily	3.22	3.31	3.40	3.32	3.18		
HIMs	Influent Pump Skid (1)	Frequency (Hz, P112A | B)	>30 Hz	Daily	48.07 | 48.07	47.91 | 47.93	45.50 | 45.59	45.57 | 45.57	48.30 | 48.26		
		Amperage (A, P112A | B)	>10 A	Daily	11.3 | 11.5	11.3 | 11.5	10.7 | 10.8	10.7 | 10.9	11.4 | 11.6		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	9.5	10	5.1	5.5	6		
	Influent Pump Skid (2)	Frequency (Hz, P212A | B)	>30 Hz	Daily	46.99 | 46.95	45.12 | 45.16	43.02 | 43.07	44.82 | 44.80	46.75 | 46.78		
		Amperage (A, P212A | B)	>10 A	Daily	10.4 | 10.1	9.9 | 9.7	9.6 | 9.4	9.8 | 9.6	11.1 | 10.8		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	10	5.5	6.5	8.5	14		
	Effluent Pump Skid (1)	Frequency (Hz, P118)	>30 Hz	Daily	43.32	43.69	43.70	43.77	43.79		
		Amperage (A, P118)	>10 A	Daily	16.3	16.4	16.4	16.5	16.8		
	Effluent Pump Skid (2)	Frequency (Hz, P218)	>30 Hz	Daily	42.14	42.15	42.38	42.37	43.17		
		Amperage (A, P218)	>10 A	Daily	12.7	12.8	12.8	12.90	13.1		
Well Vault	KAFB-106228	Totalizer (Mgal)	---	Weekly	—	—	178.9375	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	—	OFFLINE	—	—		
Well Vault	KAFB-106239	Totalizer (Mgal)	---	Weekly	—	—	101.7044	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	—	OFFLINE	—	—		
Well Control House	KAFB-106233	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	OFFLINE	—	—		
		GW flow, FT-7001 (gpm)	0-200 gpm	Weekly	—	—	OFFLINE	—	—		
		Totalizer (Mgal)	---	Weekly	—	—	226.3887	—	—		
	KAFB-106234	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	OFFLINE	—	—		
		GW flow, FT-7002 (gpm)	0-200 gpm	Weekly	—	—	OFFLINE	—	—		
		Totalizer (Mgal)	---	Weekly	—	—	340.1466	—	—		
	Well Control House	Effluent Line Pressure, PI-7005	< 150 psig	Weekly	—	—	OFFLINE	—	—		
Well Head	KAFB-7	*Totalizer (1000 gal)	---	Weekly	—	—	—	—	—		
		GW flow (gpm)	0-800 gpm	Weekly	—	—	—	—	—		
Well Head	KAFB-IN2	*Totalizer (1000 gal)	---	Weekly	—	—	0.1934	—	—		
		GW flow (gpm)	0-800 gpm	Weekly	—	—	—	—	—		

Notes:

* The KAFB-7 and KAFB-IN2 Totalizer readings should be recorded weekly as well as on days when the effluent flow is changed between KAFB-7, KAFB-IN2, and the Golf Course Main Pond.

Bush' Press, 250 during Injection test

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday 2/22/21	Tuesday 2/23/21	Wednesday 2/24/21	Thursday 2/25/21	Friday 2/26/21	Saturday / /	Sunday / /
					Time: 1500	1639	1236	0800	0832		
HMI	Well KAFB-106228	GW flow, FT-3001 (gpm)	0-200 gpm	Daily	140	140	140	137	137		
		Wellhead Pressure (psig)	< 150 psig	Daily	54.3	54.6 / 54.98	54.6	63.1	63.3		
		Water Level Above Transducer (ft)	---	Daily	9.94	10.04	10.26	10.86	10.57		
	Well KAFB-106233	GW flow, FT-7001 (gpm)	0-200 gpm	Daily	161	161	161	161	161		
		Wellhead Pressure (psig)	< 150 psig	Daily	22.8	22.8	22.9	22.9	22.9		
		Water Level Above Transducer (ft)	---	Daily	31.61	31.85	31.94	31.87	31.92		
	Well KAFB-106234	GW flow, FI-7002(gpm)	0-200 gpm	Daily	174	174	174	174	174		
		Wellhead Pressure (psig)	< 150 psig	Daily	23.1	23.1 / 22.93	23.1	23.1	23.1		
		Water Level Above Transducer (ft)	---	Daily	23.91	24.15	24.72	24.18	24.32		
	Well KAFB-106239	GW flow, FI-7002(gpm)	0-200 gpm	Daily	OFF	OFF	OFF	~~OFF~~ 75	76		
		Wellhead Pressure (psig)	< 150 psig	Daily	OFF	OFF / 2391	OFF	48.5	48.8		
		Water Level Above Transducer (ft)	---	Daily	25.58	25.56	25.58	19.46	18.26		
	Influent Pump Skid (1)	GW flow (gpm)	0-400 gpm	Daily	365	365	364	365	338		
		Totalizer (1000 gal)	---	Daily	513,609,776	514,090,667	514,594,287	514,761,795	515,447,710		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.38	0.37	0.37	0.39	0.33		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.34	0.39	0.40	0.41	0.34		
	Influent Pump Skid (2)	GW flow (gpm)	0-400 gpm	Daily	245	245	185	245	215		
		Totalizer (1000 gal)	---	Daily	344,433,781	344,639,048	344,888,548	345,034,446	345,233,872		
		Bag filter differential pressure, F-212A, PDI-3202A	<15 psid	Daily	0.11	0.10	0.02	0.11	0.07		
		Bag filter differential pressure, F-212B, PDI-3202B	<15 psid	Daily	0.08	0.07	0.00	0.07	0.03		
	Effluent Skid Pump (1)	GW flow (gpm)	0-400 gpm	Daily	380	379	379	380	340		
		Totalizer (1000 gal)	---	Daily	561,267,029	561,887,816	562,552,746	563,004,892	563,619,540		
	Effluent Skid Pump (2)	GW flow (gpm)	0-400 gpm	Daily	260	260	180	254	217		
		Totalizer (1000 gal)	---	Daily	437,673,772	437,809,168	435,023,668	436,171,024	438,455,312		
	Injection Well KAFB-7	Pressure (psig)	0-120 psig	Daily	12.8	13.3	2.0	12.0	13.7		
		Water Level Above Transducer (ft)	10-100 ft	Daily	94.16	82.34	59.32	90.55	113.74		
	Injection Well KAFB-IN2	Upstream Pressure (psig)	0-120 psig	Daily	0.1	0.1	0.1	0.1	0.1		
		Downstream Pressure (psig)	0-120 psig	Daily	0.0	0.0	0.0	0.0	0.0		
		Water Level Above Transducer (ft)	10-100 ft	Daily	0	0	0	0	0		
	Golf Course Pond	Pond Level (ft)	0.7-3.5 ft	Daily	3.25	3.25	3.41	3.25	3.25		
HIMs	Influent Pump Skid (1)	Frequency (Hz, P112A | B)	>30 Hz	Daily	46.67 | 46.61	46.58 | 46.48	47.03 | 46.98	46.83 | 46.89	49.06 | 49.06		
		Amperage (A, P112A | B)	>10 A	Daily	10.90 | 11.10	10.90 | 11.10	11.00 | 11.20	11.00 | 11.20	11.30 | 11.50		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	7	8	9	9	8		
	Influent Pump Skid (2)	Frequency (Hz, P212A | B)	>30 Hz	Daily	43.71 | 43.75	44.13 | 44.17	41.12 | 41.08	44.09 | 44.09	43.19 | 43.14		
		Amperage (A, P212A | B)	>10 A	Daily	9.30 | 9.40	9.90 | 9.50	8.60 | 8.30	9.70 | 9.50	9.30 | 9.10		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	5	6	5	5	5		
	Effluent Pump Skid (1)	Frequency (Hz, P118)	>30 Hz	Daily	48.26	44.51	45.29	49.72	46.06		
		Amperage (A, P118)	>10 A	Daily	15.00	15.10	15.40	16.90	15.30		
	Effluent Pump Skid (2)	Frequency (Hz, P218)	>30 Hz	Daily	43.36	44.34	44.13	42.36	40.43		
		Amperage (A, P218)	>10 A	Daily	13.10	13.40	12.50	13.00	12.00		
Well Vault	KAFB-106228	Totalizer (Mgal)	---	Weekly		179.5168	—	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly		135.7	—	—	—		
Well Vault	KAFB-106239	Totalizer (Mgal)	---	Weekly			—	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly			—	—	—		
Well Control House	KAFB-106233	Wellhead Pressure (psig)	< 150 psig	Weekly		93 psi	—	—	—		
		GW flow, FT-7001 (gpm)	0-200 gpm	Weekly		160.6	—	—	—		
		Totalizer (Mgal)	---	Weekly		227.583	—	—	—		
	KAFB-106234	Wellhead Pressure (psig)	< 150 psig	Weekly		79 psi	—	—	—		
		GW flow, FT-7002 (gpm)	0-200 gpm	Weekly		172.7	—	—	—		
		Totalizer (Mgal)	---	Weekly		241.5500	—	—	—		
	Well Control House	Effluent Line Pressure, PI-7005	< 150 psig	Weekly		22.1	—	—	—		
Well Head	KAFB-7	*Totalizer (1000 gal)	---	Weekly			—	—	—		
		GW flow (gpm)	0-800 gpm	Weekly			—	—	—		
Well Head	KAFB-IN2	*Totalizer (1000 gal)	---	Weekly			—	—	—		
		GW flow (gpm)	0-800 gpm	Weekly			—	—	—		

Notes:

* The KAFB-7 and KAFB-IN2 Totalizer readings should be recorded weekly as well as on days when the effluent flow is changed between KAFB-7, KAFB-IN2, and the Golf Course Main Pond.

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					2/22/21	2/23/21	2/24/21	2/25/21	2/26/21	__/__/__	__/__/__
					Time: 0932	1042	1223	0736	0830		
GWTS	Influent Pump Skid (Train 1)	Inlet pressure pump skid, PI-3102 (psig)	< 60 psig	Daily	34.5	35.0	35.5	36.0	40.0		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.382	0.375	0.379	0.378	0.325		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.398	0.399	0.395	0.398	0.335		
		Sand filter differential pressure, SF-101 (1)	---	Daily	31	31	32	32	36		
		Sand filter differential pressure, SF-101 (2)	---	Daily	28	26	26	28	31		
		Outlet pressure pump skid, PI-3103 (psig)	< 60 psig	Daily	14.0	14.0	14.0	14.0	13.0		
		GW flow (gpm)	0-500 gpm	Daily	365.9	365.3	364.8	366.2	358.3		
		Totalizer (Mgal)	---	Daily	505.5126	506.0142	506.5324	506.4086	507.4044		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	Influent Pump Skid (Train 2)	Inlet pressure pump skid, PI-3202 (psig)	< 60 psig	Daily	36.0	37.0	33.5	36.0	35.5		
		Bag filter differential pressure, F212A	<15 psid	Daily	0.066	0.069	0.011	0.067	0.036		
		Bag filter differential pressure, F212B	<15 psid	Daily	0.102	0.104	0.019	0.098	0.068		
		Sand filter differential pressure, SF-201 (1)	---	Daily	34	34	31	34	32		
		Sand filter differential pressure, SF-201 (2)	---	Daily	32	32	31	32	31		
		Outlet pressure pump skid,PI-3203, (psig)	< 60 psig	Daily	11.9	11.8	12.5	10.5	14.1		
		GW flow (gpm)	0-500 gpm	Daily	245.0	245.2	164.6	244.7	213.5		
		Totalizer (Mgal)	---	Daily	420.9999	421.2074	421.4221	421.5773	421.8402		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	GAC (Train 1)	V-114A Pressure, PI-3104A (psig)	0-20 psig	Daily	10.0	10.0	10.0	10.0	9.5		
		Between Tanks, PI-3105 (psig)	0-20 psig	Daily	13.0	13.0	13.0	13.0	12.1		
		V-114B Pressure, PI-3104B (psig)	0-20 psig	Daily	8.0	8.0	8.0	8.0	8.0		
		Which Tank is Lead?	---	Daily	A	A	A	A	A		
		Which Tank is Lag?	---	Daily	B	B	B	B	B		
	GAC (Train 2)	V-214A Pressure (psig)	0-20 psig	Daily	6.0	6.0	5.5	6.0	5.0		
		Between Tanks (psig)	0-20 psig	Daily	16.0	16.0	12.5	16.0	14.0		
		V-214B Pressure (psig)	0-20 psig	Daily	11.0	10.5	8.5	10.5	9.0		
		Which Tank is Lead?	---	Daily	B	B	B	B	B		
		Which Tank is Lag?	---	Daily	A	A	A	A	A		
	Effluent Pump Skid (Train 1)	Inlet press. pump skid, PI-3108 (psig)	< 60 psig	Daily	29.5	25.1	25.0	25.0	23.1		
		Bag filter differential pressure, F-118A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-118B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	25.55	23.91	24.24	20.69	19.59		
		GW flow (gpm)	0-500 gpm	Daily	380.1	381.4	379.7	380.1	340.3		
		Totalizer (Mgal)	---	Daily	521.0995	521.5993	522.1168	522.4954	522.9920		
	Effluent Pump Skid (Train 2)	Inlet press. pump skid, PI-3208 (psig)	< 60 psig	Daily	27.0	25.5	25.0	21.5	20.5		
		Bag filter differential pressure, F-218A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-218B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	25.55	23.91	24.24	20.69	19.59		
		GW flow (gpm)	0-500 gpm	Daily	260.7	261.7	182.0	260.4	217.3		
		Totalizer (Mgal)	---	Daily	416.1366	416.3404	416.5551	416.7057	417.0171		
	Backwash System	Clarifier Level (ft)	---	Daily	Cell 2, 2.6'	Cell 2 2.6'	Cell 2, 2.6'	Cell 2, 2.6'	Cell 2, 2.6'		
		Clarifier Discharged to Sump?	yes/no	Daily	Yes	Yes	Yes	Yes	Yes		
	Main Uninterruptable Power Supply (UPS)	Status Light	---	Daily	Green	Green	Green	Green	Green		
		Comments	---	Daily	Good	Good	Good	Good	Good		
	Sodium Hypochlorite Generator	Upstream Filter Pressure (psi)	>30 psig	Daily							
		Downstream Filter Pressure (psi)	>30 psig	Daily							
		Brine Tank Filled with Salt?	yes/no	Daily							
		Generator Inlet Pressure (psi)	>30 psig	Daily							
		Generator Faulted?	yes/no	Daily							
		Oxidant Tank Level (ft)	>2 ft	Daily							
		Train 1 Dosing Pump Faulted?	yes/no	Daily							
		Train 2 Dosing Pump Faulted?	yes/no	Daily							
		Train 1 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily							
		Train 2 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily							

Notes:

0801 0831
234 288 233 234

E.W 432.30 419.25 420.3 428.55 430.45

W.L 457.25 466.36 444.48 456.58

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					3/1/21	3/2/21	3/3/21	3/4/21	3/5/21	/ /	/ /
					Time: 1049	0757		0820	0759		
GWTS	Influent Pump Skid (Train 1)	Inlet pressure pump skid, PI-3102 (psig)	< 60 psig	Daily	33	33.5	39	36.5	38		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.372	0.381	0.477	0.323	0.323		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.390	0.398	0.478	0.342	0.337		
		Sand filter differential pressure, SF-101 (1)	---	Daily	29	29	35	34	35		
		Sand filter differential pressure, SF-101 (2)	---	Daily	27	28	28	31	31		
		Outlet pressure pump skid, PI-3103 (psig)	< 60 psig	Daily	14.0	14.1	15.4	13.2	13.1 ~~13.0~~ PD		
		GW flow (gpm)	0-500 gpm	Daily	365.1	365.3	400.1	336.9	337.2		
		Totalizer (Mgal)	---	Daily	508.6372	509.0658	509.5980	510.1469	510.5964		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	Influent Pump Skid (Train 2)	Inlet pressure pump skid, PI-3202 (psig)	< 60 psig	Daily	39.9	40.5	~~39~~	40.5	47.5		
		Bag filter differential pressure, F212A	<15 psid	Daily	0.066	0.068	—	0.046	0.035		
		Bag filter differential pressure, F212B	<15 psid	Daily	0.104	0.100	—	0.080	0.067		
		Sand filter differential pressure, SF-201 (1)	---	Daily	37	38	—	42	45		
		Sand filter differential pressure, SF-201 (2)	---	Daily	32	33	—	36.5	45		
		Outlet pressure pump skid,PI-3203, (psig)	< 60 psig	Daily	16.1	16.9	—	12.9	13.0		
		GW flow (gpm)	0-500 gpm	Daily	245.6	244.9	—	225.2	215.4		
		Totalizer (Mgal)	---	Daily	422.8191	423.0922	423.1052	423.1350	423.3073		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	GAC (Train 1)	V-114A Pressure, PI-3104A (psig)	0-20 psig	Daily	10.1	10.1	10.7	9.9	9.2		
		Between Tanks, PI-3105 (psig)	0-20 psig	Daily	13.1	13.1	14	12.4	12.2		
		V-114B Pressure, PI-3104B (psig)	0-20 psig	Daily	7.9	7.9	8.0	7.9	7.8		
		Which Tank is Lead?	---	Daily	A	A	A	A	A		
		Which Tank is Lag?	---	Daily	B	B	B	B	B		
	GAC (Train 2)	V-214A Pressure (psig)	0-20 psig	Daily	5.0	5.9	—	8.7	8.9		
		Between Tanks (psig)	0-20 psig	Daily	15.1	16.1	—	12.1	12.1		
		V-214B Pressure (psig)	0-20 psig	Daily	9.6	10.5	—	5.8	6.1		
		Which Tank is Lead?	---	Daily	B	B	—	A	A		
		Which Tank is Lag?	---	Daily	A	A	—	B	B		
	Effluent Pump Skid (Train 1)	Inlet press. pump skid, PI-3108 (psig)	< 60 psig	Daily	24.5	24.9	25.1	23.2	23.2		
		Bag filter differential pressure, F-118A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-118B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	20.02	20.56	20.01	19.04	19.71		
		GW flow (gpm)	0-500 gpm	Daily	380.5	380.6	415.9	341.7	342.5		
		Totalizer (Mgal)	---	Daily	524.2273	524.6562	525.1895	525.7378	526.1861		
	Effluent Pump Skid (Train 2)	Inlet press. pump skid, PI-3208 (psig)	< 60 psig	Daily	21.8	22.11	—	20.9	21.0		
		Bag filter differential pressure, F-218A	<15 psid	Daily	0	0	—	0	0		
		Bag filter differential pressure, F-218B	<15 psid	Daily	0	0	—	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	20.07	20.69	—	19.85	19.77		
		GW flow (gpm)	0-500 gpm	Daily	260.5	260.5	—	221.4	219.8		
		Totalizer (Mgal)	---	Daily	417.9358	418.2076	418.2213	~~22114~~	418.4194		
	Backwash System	Clarifier Level (ft)	---	Daily	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'		
		Clarifier Discharged to Sump?	yes/no	Daily	Yes	Yes	Yes				
	Main Uninterruptable Power Supply (UPS)	Status Light	---	Daily	Green	Green	Green	Green	Green		
		Comments	---	Daily	Good	Good	Good	Good	Good		
	Sodium Hypochlorite Generator	Upstream Filter Pressure (psi)	>30 psig	Daily							
		Downstream Filter Pressure (psi)	>30 psig	Daily							
		Brine Tank Filled with Salt?	yes/no	Daily							
		Generator Inlet Pressure (psi)	>30 psig	Daily							
		Generator Faulted?	yes/no	Daily							
		Oxidant Tank Level (ft)	>2 ft	Daily	OK	OK					
		Train 1 Dosing Pump Faulted?	yes/no	Daily							
		Train 2 Dosing Pump Faulted?	yes/no	Daily							
		Train 1 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily							
		Train 2 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily							

Notes:

T1 Backwash

418.2599

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					3/11/21	3/12/21	3/13/21	3/14/21	3/15/21	/ /	/ /
					Time: 1049	0757	0803	0918	0812		
HMI	Well KAFB-106228	GW flow, FT-3001 (gpm)	0-200 gpm	Daily	137	137	136	137	137		
		Wellhead Pressure (psig)	< 150 psig	Daily	63.7 63.82	62.6	64.3	62.9	62.6		
		Water Level Above Transducer (ft)	---	Daily	10.12	10.11	10.5	10.72	10.88		
	Well KAFB-106233	GW flow, FT-7001 (gpm)	0-200 gpm	Daily	161	161	—	160	161		
		Wellhead Pressure (psig)	< 150 psig	Daily	22.8 22.85	22.8	—	22.8	22.8		
		Water Level Above Transducer (ft)	---	Daily	31.54	31.67	32.42	32.31	31.54		
	Well KAFB-106234	GW flow, FI-7002(gpm)	0-200 gpm	Daily	172	172	172	171	172		
		Wellhead Pressure (psig)	< 150 psig	Daily	23.1 23.20	23.1	18.9	23.0	23.10		
		Water Level Above Transducer (ft)	---	Daily	22.17	22.34	21.95	22.22	22.02		
	Well KAFB-106239	GW flow, FI-7002(gpm)	0-200 gpm	Daily	76	76	75	76	76		
		Wellhead Pressure (psig)	< 150 psig	Daily	48.6 48.20	48.6	49.6	48.6	48.44		
		Water Level Above Transducer (ft)	---	Daily	17.55	17.60	17.80	17.86	18.30		
	Influent Pump Skid (1)	GW flow (gpm)	0-400 gpm	Daily	245	365	399	337	337		
		Totalizer (1000 gal)	---	Daily	346247920	351075352	351551024	351804203	351851524		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.10	~~0.10~~	0.45	0.32	0.32		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.07 0.38	~~0.07~~	0.47	0.34	0.33		
	Influent Pump Skid (2)	GW flow (gpm)	0-400 gpm	Daily	365 0.39 245		—	215	215		
		Totalizer (1000 gal)	---	Daily	316658262	346511140	346522100	346566292	346745432		
		Bag filter differential pressure, F-212A, PDI-3202A	<15 psid	Daily	0.38	0.10	—	0.07	0.07		
		Bag filter differential pressure, F-212B, PDI-3202B	<15 psid	Daily	0.40	0.07	—	0.03	0.03		
	Effluent Skid Pump (1)	GW flow (gpm)	0-400 gpm	Daily	380	331	415	343	342		
		Totalizer (1000 gal)	---	Daily	565010756	565513324	566155396	566,772972	567084880		
	Effluent Skid Pump (2)	GW flow (gpm)	0-400 gpm	Daily	260	260	—	228	219		
		Totalizer (1000 gal)	---	Daily	439313872	439559356	439571104	439610772	439783108		
	Injection Well KAFB-7	Pressure (psig)	0-120 psig	Daily	13.2	13.2	0.0	—	0.6		
		Water Level Above Transducer (ft)	10-100 ft	Daily	114.02	114.95	55.27	—	55.22		
	Injection Well KAFB-IN2	Upstream Pressure (psig)	0-120 psig	Daily	—	—	—	—	—		
		Downstream Pressure (psig)	0-120 psig	Daily	—	—	—	—	—		
		Water Level Above Transducer (ft)	10-100 ft	Daily	—	—	—	—	—		
	Golf Course Pond	Pond Level (ft)	0.7-3.5 ft	Daily	3.21	2.57 —	3.26	3.64	3.30		
HIMs	Influent Pump Skid (1)	Frequency (Hz, P112A | B)	>30 Hz	Daily	46.22 | 46.21	46.66 | 46.65	50.49 | 50.49	47.77 | 47.76	47.58 | 47.59		
		Amperage (A, P112A | B)	>10 A	Daily	10.8 | 11.0	10.9 | 11.1	12.3 | 12.7	10.9 | 11.1	10.9 | 11.1		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	5	5.1	10.2	6	7		
	Influent Pump Skid (2)	Frequency (Hz, P212A | B)	>30 Hz	Daily	45.76 | 45.59	46.10 | 46.14	— | —	47.83 | 47.81	48.01 | 48.12		
		Amperage (A, P212A | B)	>10 A	Daily	10.2 | 10.0	10.4 | 10.1	— | —	10.6 | 10.3	10.7 | 10.3		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	9	10.1	—	11	14.5		
	Effluent Pump Skid (1)	Frequency (Hz, P118)	>30 Hz	Daily	48.39	48.35	50.10	46.22	46.07		
		Amperage (A, P118)	>10 A	Daily	16.3	16.3	17.3	15.13	15.13		
	Effluent Pump Skid (2)	Frequency (Hz, P218)	>30 Hz	Daily	42.11	42.31	—	40.74	40.23		
		Amperage (A, P218)	>10 A	Daily	12.7	12.8	—	12.1	12.10		
Well Vault	KAFB-106228	Totalizer (Mgal)	---	Weekly	180.6529	—	—	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	132.4	—	—	—	—		
Well Vault	KAFB-106239	Totalizer (Mgal)	---	Weekly	102.6708	—	—	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	75.7	—	—	—	—		
Well Control House	KAFB-106233	Wellhead Pressure (psig)	< 150 psig	Weekly	93 psi	—	—	—	—		
		GW flow, FT-7001 (gpm)	0-200 gpm	Weekly	160.6	—	—	—	—		
		Totalizer (Mgal)	---	Weekly	228.9384	—	—	—	—		
	KAFB-106234	Wellhead Pressure (psig)	< 150 psig	Weekly	77 psi	—	—	—	—		
		GW flow, FT-7002 (gpm)	0-200 gpm	Weekly	170.7	—	—	—	—		
		Totalizer (Mgal)	---	Weekly	342.7812	—	—	—	—		
	Well Control House	Effluent Line Pressure, PI-7005	< 150 psig	Weekly	22.1	—	—	—	—		
Well Head	KAFB-7	*Totalizer (1000 gal)	---	Weekly							
		GW flow (gpm)	0-800 gpm	Weekly							
Well Head	KAFB-IN2	*Totalizer (1000 gal)	---	Weekly							
		GW flow (gpm)	0-800 gpm	Weekly							

Notes:

* The KAFB-7 and KAFB-IN2 Totalizer readings should be recorded weekly as well as on days when the effluent flow is changed between KAFB-7, KAFB-IN2, and the Golf Course Main Pond.

VFD 22.6
AC 82°F
Amb 32°F
Amb 3022
H2 4990

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					3/8/21	3/9/21	3/10/21	3/11/21	3/12/21	/ /	/ /
					Time: 0745	0930	1338	1455	1535		
GWTS	Influent Pump Skid (Train 1)	Inlet pressure pump skid, PI-3102 (psig)	< 60 psig	Daily	34	33.5	33.5	37	40		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.346	0.336	0.327	0.452	0.319		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.352	0.347	0.350	0.477	0.328		
		Sand filter differential pressure, SF-101 (1)	---	Daily	30	35	29	32	37		
		Sand filter differential pressure, SF-101 (2)	---	Daily	28	30	29	28	31		
		Outlet pressure pump skid, PI-3103 (psig)	< 60 psig	Daily	13.5	13.5	13.4	15.4	13.1		
		GW flow (gpm)	0-500 gpm	Daily	345.7	340.4	340.0	400.6	335.9		
		Totalizer (Mgal)	---	Daily	512.0346	512.5982	513,1549	513,7198	514,2684		
		Bag filters changed?	yes/no	Daily	No	No	No	No	~~47.5~~		
	Influent Pump Skid (Train 2)	Inlet pressure pump skid, PI-3202 (psig)	< 60 psig	Daily	40.0	41.0	42.5	—	47.5		
		Bag filter differential pressure, F212A	<15 psid	Daily	0.034	0.038	0.035	—	0.037		
		Bag filter differential pressure, F212B	<15 psid	Daily	0.065	0.065	0.066	—	0.080		
		Sand filter differential pressure, SF-201 (1)	---	Daily	38	39	39	—	44		
		Sand filter differential pressure, SF-201 (2)	---	Daily	35	35	32	—	40		
		Outlet pressure pump skid,PI-3203, (psig)	< 60 psig	Daily	12.0	12.0	11.9	—	12.1		
		GW flow (gpm)	0-500 gpm	Daily	215.3	214.6	215.4	—	220.3		
		Totalizer (Mgal)	---	Daily	424.0058	424.0769	424.4362	424.4711	424.5068		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	GAC (Train 1)	V-114A Pressure, PI-3104A (psig)	0-20 psig	Daily	10	9.5	10.1	10.8	9.2		
		Between Tanks, PI-3105 (psig)	0-20 psig	Daily	12.5	12.5	12.8	14.1	12.3		
		V-114B Pressure, PI-3104B (psig)	0-20 psig	Daily	8	7.9	7.9	7.9	7.8		
		Which Tank is Lead?	---	Daily	A	A	A	A	A		
		Which Tank is Lag?	---	Daily	B	B	B	B	B		
	GAC (Train 2)	V-214A Pressure (psig)	0-20 psig	Daily	8	7.9	7.9	—	8		
		Between Tanks (psig)	0-20 psig	Daily	11.5	11.5	11.3	—	11.9		
		V-214B Pressure (psig)	0-20 psig	Daily	5.5	5.5	5.9	—	6		
		Which Tank is Lead?	---	Daily	A	A	A	—	A		
		Which Tank is Lag?	---	Daily	B	B	B	—	B		
	Effluent Pump Skid (Train 1)	Inlet press. pump skid, PI-3108 (psig)	< 60 psig	Daily	24.0	24.0	24.0	24.9	23		
		Bag filter differential pressure, F-118A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-118B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	19.87	20.06	20.09	20.21	19.12		
		GW flow (gpm)	0-500 gpm	Daily	360.1	345.1	346.0	415.5	340.0		
		Totalizer (Mgal)	---	Daily	527.6292	528.1918	528,7465	529,3141	529,8616		
	Effluent Pump Skid (Train 2)	Inlet press. pump skid, PI-3208 (psig)	< 60 psig	Daily	21.0	21.6	21	—	20		
		Bag filter differential pressure, F-218A	<15 psid	Daily	0	0	0	—	0		
		Bag filter differential pressure, F-218B	<15 psid	Daily	0	0	0	—	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	19.87	20.06	20.24	—	19.33		
		GW flow (gpm)	0-500 gpm	Daily	220.3	220.2	220.2	—	225.4		
		Totalizer (Mgal)	---	Daily	419.1088	419.1807	419,5334	419,5697	419,6064		
	Backwash System	Clarifier Level (ft)	---	Daily	Cell 2, 2.6'	Cell 2, 2.6'	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'		
		Clarifier Discharged to Sump?	yes/no	Daily	YES	YES	No	No	YES		
	Main Uninterruptable Power Supply (UPS)	Status Light	---	Daily	Green	Green	Green	Green	Green		
		Comments	---	Daily	Good	Good	Good	Good	Good		
	Sodium Hypochlorite Generator	Upstream Filter Pressure (psi)	>30 psig	Daily							
		Downstream Filter Pressure (psi)	>30 psig	Daily							
		Brine Tank Filled with Salt?	yes/no	Daily							
		Generator Inlet Pressure (psi)	>30 psig	Daily							
		Generator Faulted?	yes/no	Daily							
		Oxidant Tank Level (ft)	>2 ft	Daily							
		Train 1 Dosing Pump Faulted?	yes/no	Daily							
		Train 2 Dosing Pump Faulted?	yes/no	Daily							
		Train 1 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily							
		Train 2 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily							

Notes:

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					3/8/21	3/9/21	3/10/21	3/11/21	3/12/21	/ /	/ /
					Time: 0752	0934	1345	1502	1544		
HMI	Well KAFB-106228	GW flow, FT-3001 (gpm)	0-200 gpm	Daily	136	139	136	136	137		
		Wellhead Pressure (psig)	< 150 psig	Daily	62.8	62.5	62.5 63.70	64.2	62.7		
		Water Level Above Transducer (ft)	---	Daily	10.69	10.66	10.65	10.81	10.71		
	Well KAFB-106233	GW flow, FT-7001 (gpm)	0-200 gpm	Daily	161	161	160	—	161		
		Wellhead Pressure (psig)	< 150 psig	Daily	22.7	22.7	22.8 22.8	—	22.8		
		Water Level Above Transducer (ft)	---	Daily	31.90	32.30	32.28	32.78	32.46		
	Well KAFB-106234	GW flow, FI-7002(gpm)	0-200 gpm	Daily	171	171	171	172	171		
		Wellhead Pressure (psig)	< 150 psig	Daily	23.0	22.9	22.8 22.9	18.8	22.5		
		Water Level Above Transducer (ft)	---	Daily	21.08	21.31	21.59	21.54	21.60		
	Well KAFB-106239	GW flow, FI-7002(gpm)	0-200 gpm	Daily	76	76	76	76	76		
		Wellhead Pressure (psig)	< 150 psig	Daily	48.6	48.6	48.7 48.61	49.8	48.17		
		Water Level Above Transducer (ft)	---	Daily	17.62	17.85	17.83	17.85	17.75		
	Influent Pump Skid (1)	GW flow (gpm)	0-400 gpm	Daily	345	346	340	400	336		
		Totalizer (1000 gal)	---	Daily	519,999,306	520,340,734	521042.004	521559706	522.051534		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.34	0.33	0.33	0.45	0.32		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.35	0.36	0.35	0.47	0.33		
	Influent Pump Skid (2)	GW flow (gpm)	0-400 gpm	Daily	215	215	215	—	226		
		Totalizer (1000 gal)	---	Daily	347,519,915	347,597,514	347987.104	348025.984	348.065.388		
		Bag filter differential pressure, F-212A, PDI-3202A	<15 psid	Daily	0.06	0.07	.07	—	0.07		
		Bag filter differential pressure, F-212B, PDI-3202B	<15 psid	Daily	0.03	0.04	.04	—	0.04		
	Effluent Skid Pump (1)	GW flow (gpm)	0-400 gpm	Daily	360	349	345	414	340		
		Totalizer (1000 gal)	---	Daily	568,899,080	569,503,679	570328240	570988264	571.628680		
	Effluent Skid Pump (2)	GW flow (gpm)	0-400 gpm	Daily	221	221	220	—	225		
		Totalizer (1000 gal)	---	Daily	440,529,768	440,601,684	440982852	441019852	441058068		
	Injection Well KAFB-7	Pressure (psig)	0-120 psig	Daily	0.4	1.8	2.0	13.5	1.9		
		Water Level Above Transducer (ft)	10-100 ft	Daily	57.29	57.91	5758	7210	58.09		
	Injection Well KAFB-IN2	Upstream Pressure (psig)	0-120 psig	Daily	0.1	0.1	0.1 —	0.1	0.1		
		Downstream Pressure (psig)	0-120 psig	Daily	0.6	0.0	—	—	—		
		Water Level Above Transducer (ft)	10-100 ft	Daily	0	0	—	—	—		
	Golf Course Pond	Pond Level (ft)	0.7-3.5 ft	Daily	3.24	3.26	3.93	3.63	3.34		
HIMs	Influent Pump Skid (1)	Frequency (Hz, P112A | B)	>30 Hz	Daily	46.59 | 46.61	45.56 | 45.68	45.40 | 45.38	47.26 | 49.24	45.77 | 48.32		
		Amperage (A, P112A | B)	>10 A	Daily	10.70 | 11.00	9.90 | 9.80	10.4 | 10.6	12.0 | 12.2	11.2 | 11.4		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	6	9	5	8	9.5		
	Influent Pump Skid (2)	Frequency (Hz, P212A | B)	>30 Hz	Daily	45.62 | 45.47	48.74 | 48.78	47.47 | 47.52	— | —	49.25 | 49.24		
		Amperage (A, P212A | B)	>10 A	Daily	9.90 | 9.60	11.20 | 11.50	10.3 | 10.1	— | —	10.8 | 10.5		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	6	7	11.5	—	14		
	Effluent Pump Skid (1)	Frequency (Hz, P118)	>30 Hz	Daily	48.07	46.75	46.30	50.30	45.99		
		Amperage (A, P118)	>10 A	Daily	16.10	15.50	15.4	17.3	15.2		
	Effluent Pump Skid (2)	Frequency (Hz, P218)	>30 Hz	Daily	40.48	41.50	40.63	—	40.94		
		Amperage (A, P218)	>10 A	Daily	12.10	12.30	12.2	—	12.1		
Well Vault	KAFB-106228	Totalizer (Mgal)	---	Weekly	—	—	189.2145	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	—	131.9	—	—		
Well Vault	KAFB-106239	Totalizer (Mgal)	---	Weekly	—	—	103.0665	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	—	96.2	—	—		
Well Control House	KAFB-106233	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	95 PSI	—	—		
		GW flow, FT-7001 (gpm)	0-200 gpm	Weekly	—	—	160.7	—	—		
		Totalizer (Mgal)	---	Weekly	—	—	230.2074	—	—		
	KAFB-106234	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	79 PSI	—	—		
		GW flow, FT-7002 (gpm)	0-200 gpm	Weekly	—	—	176.2	—	—		
		Totalizer (Mgal)	---	Weekly	—	—	349,9643	—	—		
	Well Control House	Effluent Line Pressure, PI-7005	< 150 psig	Weekly	—	—	22.0	—	—		
Well Head	KAFB-7	*Totalizer (1000 gal)	---	Weekly				—	—		
		GW flow (gpm)	0-800 gpm	Weekly				—	—		
Well Head	KAFB-IN2	*Totalizer (1000 gal)	---	Weekly				—	—		
		GW flow (gpm)	0-800 gpm	Weekly				—	—		

Notes:

* The KAFB-7 and KAFB-IN2 Totalizer readings should be recorded weekly as well as on days when the effluent flow is changed between KAFB-7, KAFB-IN2, and the Golf Course Main Pond.

	228	233	234	239
			1000	
WL	465.81	444.16	459.25	467.80
Film	418.71	419.72	430.61	431.95

239
VFD 17.3
kicks on — AC 87°F
Hz 49.96
Amps 31.32
Amb 98°F

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					3/15/21	3/16/21	3/17/21	3/18/21	3/19/21	/ /	/ /
					Time: 1320	1126	0830	0804	1030		
HMI	Well KAFB-106228	GW flow, FT-3001 (gpm)	0-200 gpm	Daily	136	136	136	136	136		
		Wellhead Pressure (psig)	< 150 psig	Daily	62.5	62.4	62.5	62.5 6598	62.8		
		Water Level Above Transducer (ft)	---	Daily	10.55	10.61	10.34	10.43	10.30		
	Well KAFB-106233	GW flow, FT-7001 (gpm)	0-200 gpm	Daily	161	161	160	160	160		
		Wellhead Pressure (psig)	< 150 psig	Daily	22.8	22.8	22.8	22.8 22.85	22.7		
		Water Level Above Transducer (ft)	---	Daily	32.18	32.40	32.02	31.80	31.80		
	Well KAFB-106234	GW flow, FI-7002(gpm)	0-200 gpm	Daily	171	171	171	171	171		
		Wellhead Pressure (psig)	< 150 psig	Daily	22.9	22.9	22.8	22.8 2299	22.8		
		Water Level Above Transducer (ft)	---	Daily	21.77	22.0	21.67	21.51	21.67		
	Well KAFB-106239	GW flow, FI-7002(gpm)	0-200 gpm	Daily	76	76	76	76	76		
		Wellhead Pressure (psig)	< 150 psig	Daily	48.7	48.8	48.6	48.6 4876	48.7		
		Water Level Above Transducer (ft)	---	Daily	17.87	17.83	17.50	17.39	17.42		
	Influent Pump Skid (1)	GW flow (gpm)	0-400 gpm	Daily	366	335	335	335	335		
		Totalizer (1000 gal)	---	Daily	523493576	523939606	524380258	524865568	525395024		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.38	0.32	0.31	0.32	0.32		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.39	0.33	0.34	0.33	0.34		
	Influent Pump Skid (2)	GW flow (gpm)	0-400 gpm	Daily	245	215	215	216	215		
		Totalizer (1000 gal)	---	Daily	349002952	349294884	349558196	349901844	350253660		
		Bag filter differential pressure, F-212A, PDI-3202A	<15 psid	Daily	0.11	0.06	0.07	0.07	0.07		
		Bag filter differential pressure, F-212B, PDI-3202B	<15 psid	Daily	0.07	0.04	0.04	0.03	0.03		
	Effluent Skid Pump (1)	GW flow (gpm)	0-400 gpm	Daily	383	338	338	338	338		
		Totalizer (1000 gal)	---	Daily	573526224	574111480	574695512	575338576	576040616		
	Effluent Skid Pump (2)	GW flow (gpm)	0-400 gpm	Daily	261	218	218	217	218		
		Totalizer (1000 gal)	---	Daily	441963304	442243060	442531144	442841076	443176752		
	Injection Well 7	Pressure (psig)	0-120 psig	Daily	2.1	2.1	2.1	0.4	0.4		
		Water Level Above Transducer (ft)	10-30 ft	Daily	57.39	57.60	57.32	57.27	57.25		
	Golf Course Pond	Pond Level (ft)	0.7-3.5 ft	Daily	3.98	3.87	3.92	3.98	4.17		
HIMs	Influent Pump Skid (1)	Frequency (Hz, P112A | B)	>30 Hz	Daily	47.72 | 47.73	47.49 | 47.46	45.52 | 45.54	46.36 | 46.31	48.45 | 48.42		
		Amperage (A, P112A | B)	>10 A	Daily	11.3 | 11.4	10.8 | 11.0	10.4 | 10.5	10.6 | 10.6	11.1 | 11.3		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	5.0	5.1	5.1	6	8		
	Influent Pump Skid (2)	Frequency (Hz, P212A | B)	>30 Hz	Daily	47.46 | 47.45	42.20 | 42.19	46.65 | 46.65	46.43 | 46.45	47.46 | 47.44		
		Amperage (A, P212A | B)	>10 A	Daily	10.5 | 10.3	9.1 | 9.0	10.2 | 9.9	10.1 | 9.8	10.2 | 10.0		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	10.0 ~~4810~~	5	9	9.5	~~11~~		
	Effluent Pump Skid (1)	Frequency (Hz, P118)	>30 Hz	Daily	48 10 ~~4602~~	45.77	45.63	46.14	48.10		
		Amperage (A, P118)	>10 A	Daily	16.12 ~~260.2~~	15.10	15.2	15.3	15.9		
	Effluent Pump Skid (2)	Frequency (Hz, P218)	>30 Hz	Daily	1 42.30	40.25	41.35	40.34	43.25		
		Amperage (A, P218)	>10 A	Daily	12.18	12.10	12.12	12.10	12.15		
Well Vault	KAFB-106228	Totalizer (Mgal)	---	Weekly	—	—	—	183.8250	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	—	—	137.1	—		
Well Vault	KAFB-106239	Totalizer (Mgal)	---	Weekly	—	—	—	103.8873	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	—	—	76.2	—		
Well Control House	KAFB-106233	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	—	96 psi	—		
		GW flow, FT-7001 (gpm)	0-200 gpm	Weekly	—	—	—	161.0	—		
		Totalizer (Mgal)	---	Weekly	—	—	—	231.6489	—		
	KAFB-106234	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	—	78 psi	—		
		GW flow, FT-7002 (gpm)	0-200 gpm	Weekly	—	—	—	170.1	—		
		Totalizer (Mgal)	---	Weekly	—	—	—	346.9468	—		
	Well Control House	Effluent Line Pressure, PI-7005	< 150 psig	Weekly	—	—	—	22.1	—		
Well Head	KAFB-7	*Totalizer (1000 gal)	---	Weekly	9820 e7	—	—		—		
		GW flow (gpm)	0-800 gpm	Weekly	—	—	—		—		

* The KAFB-7 Totalizer reading should be recorded weekly as well as on days when the effluent flow is changed between KAFB-7 and the Golf Course Main Pond.

Notes:

3/17 ↑ to 300 psi ← Backi 0 psi

Iso valve 0 % 0 0 100%
ZN2 level 13" 14" 14" 38" ~~41"~~
pre iso 0.1 0.0 0.1 15.9
post iso 0.5 0.6 0.7 13.4
Pumping to pond | Pumping to pond | Pumping to N2

Amb 58 °F
VFD 30.2
AC 76
N2 50.00
Amps 30.48

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					3/15/21	3/16/21	3/17/21	3/18/21	3/19/21	/ /	/ /
					Time: 1304	1115	0819	0805	1020		
GWTS	Influent Pump Skid (Train 1)	Inlet pressure pump skid, PI-3102 (psig)	< 60 psig	Daily	~~43.5~~ 35	36	38.75	34.9	~~38.5~~		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	~~36.5~~ 0.319	0.319	0.318	0.317	0.322		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	~~0.381~~	0.335	0.336	0.376	0.330		
		Sand filter differential pressure, SF-101 (1)	---	Daily 72	0.400	32	305 ~~40.5~~	41	37		
		Sand filter differential pressure, SF-101 (2)	---	Daily	31	31	29	39	31		
		Outlet pressure pump skid, PI-3103 (psig)	< 60 psig	Daily	14.4	13.4	13.4	13.4	13.4		
		GW flow (gpm)	0-500 gpm	Daily	365.2	335.1	335.2	335.3	335.1		
		Totalizer (Mgal)	---	Daily	515.6273	516.0776	516.4889	516.9451	517.4466		
		Bag filters changed?	yes/no	Daily	No	No	No	No			
	Influent Pump Skid (Train 2)	Inlet pressure pump skid, PI-3202 (psig)	< 60 psig	Daily	43.5	34	42	42.5	44		
		Bag filter differential pressure, F212A	<15 psid	Daily	0.020	0.034	0.036	0.033	0.036		
		Bag filter differential pressure, F212B	<15 psid	Daily	0.103	0.070	0.066	0.068	0.067		
		Sand filter differential pressure, SF-201 (1)	---	Daily	41	32	39	39	41		
		Sand filter differential pressure, SF-201 (2)	---	Daily	35	31	35	35	33		
		Outlet pressure pump skid,PI-3203, (psig)	< 60 psig	Daily	13.1	12.2	11.9	12.7	12.6		
		GW flow (gpm)	0-500 gpm	Daily	214.7	214.5	214.8	214.7	214.4		
		Totalizer (Mgal)	---	Daily	425.3755	425.6606	425.9276	426.2178	426.5300		
		Bag filters changed?	yes/no	Daily	No	No	No	No			
	GAC (Train 1)	V-114A Pressure, PI-3104A (psig)	0-20 psig	Daily	10.1	9.8	10.0	10.0	9.2		
		Between Tanks, PI-3105 (psig)	0-20 psig	Daily	13.3	12.8	12.8	12.8	12.5		
		V-114B Pressure, PI-3104B (psig)	0-20 psig	Daily	7.9	7.9	7.8	7.9	7.8		
		Which Tank is Lead?	---	Daily	A	A	A	A	A		
		Which Tank is Lag?	---	Daily	B	B	B	B	B		
	GAC (Train 2)	V-214A Pressure (psig)	0-20 psig	Daily	8.0	8.0	7.9	8.1	8.0		
		Between Tanks (psig)	0-20 psig	Daily	12.1	11.9	11.1	12.1	11.8		
		V-214B Pressure (psig)	0-20 psig	Daily	5.0	6.0	5.9	6.1	6.1		
		Which Tank is Lead?	---	Daily	A	A	A	A	A		
		Which Tank is Lag?	---	Daily	B	B	B	B	B		
	Effluent Pump Skid (Train 1)	Inlet press. pump skid, PI-3108 (psig)	< 60 psig	Daily	24.1	23.1	23.1	23.5	26.1		
		Bag filter differential pressure, F-118A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-118B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	19.86	19.51	19.02 ~~71~~	20 ~~19.44~~	22.78		
		GW flow (gpm)	0-500 gpm	Daily	380.1	338.5	338.5	337.7	337.7		
		Totalizer (Mgal)	---	Daily	531.7274	531.6730	532.0891	532.5479	533.0494		
	Effluent Pump Skid (Train 2)	Inlet press. pump skid, PI-3208 (psig)	< 60 psig	Daily	21.4	21.6	20.9	20.9	23.4		
		Bag filter differential pressure, F-218A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-218B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	19.84	19.74	19.92	19.94	22.83		
		GW flow (gpm)	0-500 gpm	Daily	257.3	218.0	217.9	216.5	218.5		
		Totalizer (Mgal)	---	Daily	420.4659	420.7460	421.0113	421.2961	421.6054		
	Backwash System	Clarifier Level (ft)	---	Daily	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'		
		Clarifier Discharged to Sump?	yes/no	Daily	Yes	Yes	Yes	Yes			
	Sodium Hypochlorite Generator	Upstream Filter Pressure (psi)	>30 psig	Daily							
		Downstream Filter Pressure (psi)	>30 psig	Daily							
		Brine Tank Filled with Salt?	yes/no	Daily							
		Generator Inlet Pressure (psi)	>30 psig	Daily							
		Generator Faulted?	yes/no	Daily							
		Oxidant Tank Level (ft)	>2 ft	Daily	OFF Line	OFF	OFF	OFF	OFF		
		Train 1 Dosing Pump Faulted?	yes/no	Daily							
		Train 2 Dosing Pump Faulted?	yes/no	Daily							
		Train 1 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily							
		Train 2 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily							

Notes:

T1 B.W.

T2 BW

T2 BW

T2 BW

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					3/22/21	3/23/21	3/24/21	3/25/21	3/26/21	/ /	/ /
						Time: 1026	0958	1141	1042		1147
HMI	Well KAFB-106228	GW flow, FT-3001 (gpm)	0-200 gpm	Daily	136	136	137	136	136		
		Wellhead Pressure (psig)	< 150 psig	Daily	62.7	62.7	63.2	63.0 64.08	62.8		
		Water Level Above Transducer (ft)	---	Daily	10.72	11.02	11.01	10.71	10.79		
	Well KAFB-106233	GW flow, FT-7001 (gpm)	0-200 gpm	Daily	160	160	161	160	160		
		Wellhead Pressure (psig)	< 150 psig	Daily	22.8	22.7	22.8	22.7 22.87	22.7		
		Water Level Above Transducer (ft)	---	Daily	32.38	32.33	32.38	32.20	32.20		
	Well KAFB-106234	GW flow, FI-7002(gpm)	0-200 gpm	Daily	171	171	171	171	171		
		Wellhead Pressure (psig)	< 150 psig	Daily	22.9	22.9	22.9	22.9 22.98	22.9		
		Water Level Above Transducer (ft)	---	Daily	22.26	22.28	22.41	22.20	22.25		
	Well KAFB-106239	GW flow, FI-7002(gpm)	0-200 gpm	Daily	76	76	76	76	76		
		Wellhead Pressure (psig)	< 150 psig	Daily	48.6	48.6	48.6	48.6 48.71	48.8		
		Water Level Above Transducer (ft)	---	Daily	17.75	17.73	17.90	17.37	17.57		
	Influent Pump Skid (1)	GW flow (gpm)	0-400 gpm	Daily	335	335	335	334	333		
		Totalizer (1000 gal)	---	Daily	526906398	527395506	527863346	528348584	528870932		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.32	0.32	0.32	0.32	0.32		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.34	0.33	0.34	0.34	0.33		
	Influent Pump Skid (2)	GW flow (gpm)	0-400 gpm	Daily	215	215	214	215			
		Totalizer (1000 gal)	---	Daily	351248824	351579720	351905648	352226572	352573412		
		Bag filter differential pressure, F-212A, PDI-3202A	<15 psid	Daily	0.07	0.07	0.07	0.07	0.07		
		Bag filter differential pressure, F-212B, PDI-3202B	<15 psid	Daily	0.04	0.04	0.04	0.03	0.04		
	Effluent Skid Pump (1)	GW flow (gpm)	0-400 gpm	Daily	337	338	337	338	336		
		Totalizer (1000 gal)	---	Daily	578041472	578697368	579317104	579959384	580650552		
	Effluent Skid Pump (2)	GW flow (gpm)	0-400 gpm	Daily	217	216	217	218	218		
		Totalizer (1000 gal)	---	Daily	444148484	444746144	444787968	445099872	445437492		
	Injection Well KAFB-7	Pressure (psig)	0-120 psig	Daily	0.6	0.7	0.8	13.2	0.6		
		Water Level Above Transducer (ft)	10-100 ft	Daily	57.68	57.57	57.49	88.72	57.72		
	Injection Well KAFB-IN2	Upstream Pressure (psig)	0-120 psig	Daily	16.4	0.0	1.2	11.8	15.1		
		Downstream Pressure (psig)	0-120 psig	Daily	13.2	1.0	0.7	0.6	13.1		
		Water Level Above Transducer (ft)	10-100 ft	Daily	53	14	13	13	60 ~62		
	Golf Course Pond	Pond Level (ft)	0.7-3.5 ft	Daily	2.45	2.54	3.71	3.87	3.98		
HIMs	Influent Pump Skid (1)	Frequency (Hz, P112A | B)	>30 Hz	Daily	47.00 | 47.57	46.29 | 46.23	45.95 | 45.91	46.87 | 46.89	45.79 | 45.78		
		Amperage (A, P112A | B)	>10 A	Daily	10.9 | 11.1	10.6 | 10.7	10.4 | 10.6	10.7 | 10.9	10.4 | 10.6		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	9.8	5	5.1	6.0	6.1		
	Influent Pump Skid (2)	Frequency (Hz, P212A | B)	>30 Hz	Daily	46.64 | 46.85	42.93 | 42.90	45.65 | 45.61	43.89 | 43.87	44.68 | 44.67		
		Amperage (A, P212A | B)	>10 A	Daily	10.1 | 9.9	9.3 | 9.1	9.8 | 9.7	9.3 | 9.1	9.6 | 9.5		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	10	5	8.0	5.10	5		
	Effluent Pump Skid (1)	Frequency (Hz, P118)	>30 Hz	Daily	48.70	47.09	46.72	46.86	48.91		
		Amperage (A, P118)	>10 A	Daily	16.1	15.5	15.4	15.5	16.1		
	Effluent Pump Skid (2)	Frequency (Hz, P218)	>30 Hz	Daily	44.38	41.69	40.57	40.84	43.85		
		Amperage (A, P218)	>10 A	Daily	12.9	12.3	12.2	12.2	12.7		
Well Vault	KAFB-106228	Totalizer (Mgal)	---	Weekly	—	—	—	125.1371	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	—	—	131.9	—		
Well Vault	KAFB-106239	Totalizer (Mgal)	---	Weekly	—	—	—	104.6338	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	—	—	—	76.4	—		
Well Control House	KAFB-106233	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	—	94 psi	—		
		GW flow, FT-7001 (gpm)	0-200 gpm	Weekly	—	—	—	161.1	—		
		Totalizer (Mgal)	---	Weekly	—	—	—	233.2375	—		
	KAFB-106234	Wellhead Pressure (psig)	< 150 psig	Weekly	—	—	—	78	—		
		GW flow, FT-7002 (gpm)	0-200 gpm	Weekly	—	—	—	170.2	—		
		Totalizer (Mgal)	---	Weekly	—	—	—	348.6541	—		
	Well Control House	Effluent Line Pressure, PI-7005	< 150 psig	Weekly	—	—	—	22.0	—		
Well Head	KAFB-7	*Totalizer (1000 gal)	---	Weekly	—	—	—		—		
		GW flow (gpm)	0-800 gpm	Weekly	—	—	—		—		
Well Head	KAFB-IN2	*Totalizer (1000 gal)	---	Weekly	—	—	—	3.5667	—		
		GW flow (gpm)	0-800 gpm	Weekly	—	—	—		—		

Notes:

* The KAFB-7 and KAFB-IN2 Totalizer readings should be recorded weekly as well as on days when the effluent flow is changed between KAFB-7, KAFB-IN2, and the Golf Course Main Pond.

1985

To GCMP

to well 7 Pond 2.70 HMI 3.87

3/25 Nitrogen ~~1,690~~ 1,690

Lick on

VFD 25.0°C
Ac 86°F
Amb 53°F
Hz 49.99
Amps 30.57

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					3/22/21	3/23/21	3/24/21	3/25/21	3/26/21	/ /	/ /
					Time: 1014	0945	1130	1029	1133		
GWTS	Influent Pump Skid (Train 1)	Inlet pressure pump skid, PI-3102 (psig)	< 60 psig	Daily	38	35.1	34.5	35.1	34.5		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.320	0.315	0.315	0.321	0.312		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.336	0.340	0.340	0.332	0.328		
		Sand filter differential pressure, SF-101 (1)	---	Daily	35	32	31	32	31		
		Sand filter differential pressure, SF-101 (2)	---	Daily	28	30.5	30	29	28		
		Outlet pressure pump skid, PI-3103 (psig)	< 60 psig	Daily	13.7	13.4	13.7	13.4	13.4		
		GW flow (gpm)	0-500 gpm	Daily	335.3	334.9	335.5	335.2	335.4		
		Totalizer (Mgal)	---	Daily	518.8709	519.3370	519.7770	520.2542	520.7273		
		Bag filters changed?	yes/no	Daily	No	No	No	No			
	Influent Pump Skid (Train 2)	Inlet pressure pump skid, PI-3202 (psig)	< 60 psig	Daily	42	35.5	40.5	34.9	37.5		
		Bag filter differential pressure, F212A	<15 psid	Daily	0.034	0.037	0.035	0.034	0.034		
		Bag filter differential pressure, F212B	<15 psid	Daily	0.067	0.072	0.070	0.070	0.068		
		Sand filter differential pressure, SF-201 (1)	---	Daily	40	34	39	33	35		
		Sand filter differential pressure, SF-201 (2)	---	Daily	34	32	35	31	34		
		Outlet pressure pump skid,PI-3203, (psig)	< 60 psig	Daily	11.9	11.9	11.9	11.9	12.0		
		GW flow (gpm)	0-500 gpm	Daily	215.8	215.5	215.0	215.3	215.5		
		Totalizer (Mgal)	---	Daily	427.4345	427.7310	428.0307	428.3216	428.6368		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	GAC (Train 1)	V-114A Pressure, PI-3104A (psig)	0-20 psig	Daily	9.9	9.2	9.3	9.9	10.0		
		Between Tanks, PI-3105 (psig)	0-20 psig	Daily	12.8	12.5	12.8	12.8	12.8		
		V-114B Pressure, PI-3104B (psig)	0-20 psig	Daily	7.8	7.8	7.9	7.8	7.9		
		Which Tank is Lead?	---	Daily	A	A	A	A	A		
		Which Tank is Lag?	---	Daily	B	B	B	B	B		
	GAC (Train 2)	V-214A Pressure (psig)	0-20 psig	Daily	7.9	7.7	7.8	7.6	7.1		
		Between Tanks (psig)	0-20 psig	Daily	11.7	11.6	11.6	11.6	11.1		
		V-214B Pressure (psig)	0-20 psig	Daily	3.9	6.0	5.9	5.9	5.7		
		Which Tank is Lead?	---	Daily	A	A	A	A	A		
		Which Tank is Lag?	---	Daily	B	B	B	B	B		
	Effluent Pump Skid (Train 1)	Inlet press. pump skid, PI-3108 (psig)	< 60 psig	Daily	26.9	23.5	23.1	24.0	24.2 6.9		
		Bag filter differential pressure, F-118A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-118B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	23.42	20.33	19.78	20.45	23.52		
		GW flow (gpm)	0-500 gpm	Daily	336.1	338.5	338.1	338.1	337.2		
		Totalizer (Mgal)	---	Daily	534.4775	534.9433	535.3882	535.8454	536.3395		
	Effluent Pump Skid (Train 2)	Inlet press. pump skid, PI-3208 (psig)	< 60 psig	Daily	24.1	21.1	20.9	21.2	24.2		
		Bag filter differential pressure, F-218A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-218B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	23.43	20.32	19.77	20.40	23.47		
		GW flow (gpm)	0-500 gpm	Daily	218.2	218.9	218.6	218.3	217.9		
		Totalizer (Mgal)	---	Daily	422.5005	422.7910	423.0890	423.3751	423.6873		
	Backwash System	Clarifier Level (ft)	---	Daily	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'		
		Clarifier Discharged to Sump?	yes/no	Daily	Yes	Yes	No	Yes	Yes		
	Main Uninterruptable Power Supply (UPS)	Status Light	---	Daily	Green	Green	Green	Green	Green		
		Comments	---	Daily	good	Good	Good	Good	Good		
	Sodium Hypochlorite Generator	Upstream Filter Pressure (psi)	>30 psig	Daily							
		Downstream Filter Pressure (psi)	>30 psig	Daily							
		Brine Tank Filled with Salt?	yes/no	Daily							
		Generator Inlet Pressure (psi)	>30 psig	Daily							
		Generator Faulted?	yes/no	Daily							
		Oxidant Tank Level (ft)	>2 ft	Daily	OFF	OFF	OFF	OFF	OFF		
		Train 1 Dosing Pump Faulted?	yes/no	Daily							
		Train 2 Dosing Pump Faulted?	yes/no	Daily							
		Train 1 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily				0.08			
		Train 2 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily				0.12			

Notes:

T1 Back wash To IN2

T2 Back Wash Pumping To GCMP

T2 BW.

T2 BW To IN2

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					3/29/21	3/30/21	3/31/21	4/1/21	4/2/21	/ /	/ /
					Time: 1119	0713	1502	1513	1020		
GWTS	Influent Pump Skid (Train 1)	Inlet pressure pump skid, PI-3102 (psig)	< 60 psig	Daily	36.5	36.5	40	38.5	38.0		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.318	0.319	0.320	0.321	0.325		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.332	0.338	0.339	0.338	0.339		
		Sand filter differential pressure, SF-101 (1)	---	Daily	33	32.5	38	35	35		
		Sand filter differential pressure, SF-101 (2)	---	Daily	28	29	30.5	29	28		
		Outlet pressure pump skid, PI-3103 (psig)	< 60 psig	Daily	13.4	13.4	13.4	13.4	13.4		
		GW flow (gpm)	0-500 gpm	Daily	335.7	335.7	335.8	335.7	335.7		
		Totalizer (Mgal)	---	Daily	522.1467	522.1599	523.1522	523.6343	524.0150		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	Influent Pump Skid (Train 2)	Inlet pressure pump skid, PI-3202 (psig)	< 60 psig	Daily	37.5	36.5	44.5	38	42		
		Bag filter differential pressure, F212A	<15 psid	Daily	0.035	0.037	0.034	0.035	0.037		
		Bag filter differential pressure, F212B	<15 psid	Daily	0.072	0.037	0.071	0.067	0.068		
		Sand filter differential pressure, SF-201 (1)	---	Daily	35	34	41	36	39		
		Sand filter differential pressure, SF-201 (2)	---	Daily	34	37	35	32	32		
		Outlet pressure pump skid,PI-3203, (psig)	< 60 psig	Daily	12.1	13	13.1	12.2	12.2		
		GW flow (gpm)	0-500 gpm	Daily	215.3	215.2	215.4	214.9	215.18		
		Totalizer (Mgal)	---	Daily	429.5407	429.7915	430.1617	430.4571	430.7257		
		Bag filters changed?	yes/no	Daily	No	No	No	No	No		
	GAC (Train 1)	V-114A Pressure, PI-3104A (psig)	0-20 psig	Daily	10.0	10.0	9.7	10.0	9.9		
		Between Tanks, PI-3105 (psig)	0-20 psig	Daily	12.9	12.8	12.7	12.8	12.8		
		V-114B Pressure, PI-3104B (psig)	0-20 psig	Daily	7.9	7.9	7.9	7.8	7.9		
		Which Tank is Lead?	---	Daiiy	A	A	A	A	A		
		Which Tank is Lag?	---	Daily	B	B	B	B	B		
	GAC (Train 2)	V-214A Pressure (psig)	0-20 psig	Daily	7.8	8.0	8.0	7.9	7.6		
		Between Tanks (psig)	0-20 psig	Daily	11.9	12.5	12.1	12.1	11.9		
		V-214B Pressure (psig)	0-20 psig	Daily	6.10	6.1	6.1	6.0	6.0		
		Which Tank is Lead?	---	Daily	A	A	A	A	A		
		Which Tank is Lag?	---	Daily	B	B	B	B	B		
	Effluent Pump Skid (Train 1)	Inlet press. pump skid, PI-3108 (psig)	< 60 psig	Daily	26.1	26.2	23.8	24.0	23.2		
		Bag filter differential pressure, F-118A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-118B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	22.92	22.86	~~21.1209~~	20.05	19.89		
		GW flow (gpm)	0-500 gpm	Daily	338.4	338.11	338.6	338.5	338.5		
		Totalizer (Mgal)	---	Daily	537.7626	538.1569	538.7707	539.2542	539.6359		
	Effluent Pump Skid (Train 2)	Inlet press. pump skid, PI-3208 (psig)	< 60 psig	Daily	23.9	23.9	21.1	21.1	20.9		
		Bag filter differential pressure, F-218A	<15 psid	Daily	0	0	0	0	0		
		Bag filter differential pressure, F-218B	<15 psid	Daily	0	0	0	0	0		
		Upstream outlet press. pump tree (psig)	< 60 psig	Daily	22.84	22.85	20.19	20.14	19.87		
		GW flow (gpm)	0-500 gpm	Daily	218.5	218.10	218.14	218.12	218.4		
		Totalizer (Mgal)	---	Daily	424.5808	424.8282	425.2133	425.5171	425.7546		
	Backwash System	Clarifier Level (ft)	---	Daily	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'	Cell 2 2.6'		
		Clarifier Discharged to Sump?	yes/no	Daily	Yes	No	Yes	Yes	Yes		
	Main Uninterruptable Power Supply (UPS)	Status Light	---	Daily	Good	Good	Green	Green	Green		
		Comments	---	Daily	Green	Green	Good	Good	Good		
	Sodium Hypochlorite Generator	Upstream Filter Pressure (psi)	>30 psig	Daily							
		Downstream Filter Pressure (psi)	>30 psig	Daily							
		Brine Tank Filled with Salt?	yes/no	Daily							
		Generator Inlet Pressure (psi)	>30 psig	Daily							
		Generator Faulted?	yes/no	Daily			OFF				
		Oxidant Tank Level (ft)	>2 ft	Daily				OFF			
		Train 1 Dosing Pump Faulted?	yes/no	Daily	OFF				OFF		
		Train 2 Dosing Pump Faulted?	yes/no	Daily		OFF					
		Train 1 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily				0.11			
		Train 2 Free Chlorine (ppm)	0.1 - 0.3 ppm	Daily				0.10			

T2 BW

T2 BW

Pond 2.1' staff Rod 3.36 HMI

AC 76°F
VFD 25.4 %
Amb 53°F
Hz 49.95
Amps 30.65

Notes:

Daily and Weekly Inspection Log for the Kirtland AFB GWTS

Location	Component	Item	Normal Range	Recordation Frequency	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					3/29/21	3/30/21	3/31/21	4/1/21	4/2/21	/ /	/ /
					Time: 1125	0723	1513	1522	1032		
HMI	Well KAFB-106228	GW flow, FT-3001 (gpm)	0-200 gpm	Daily	136	136	135	135	135		
		Wellhead Pressure (psig)	< 150 psig	Daily	62.7 6390	62.8	62.5	62.5	62.4		
		Water Level Above Transducer (ft)	---	Daily	10.56	10.60	10.61	10.39	10.34		
	Well KAFB-106233	GW flow, FT-7001 (gpm)	0-200 gpm	Daily	160	161	161	160	160		
		Wellhead Pressure (psig)	< 150 psig	Daily	22.7 2283	22.8	22.7	22.8	22.7		
		Water Level Above Transducer (ft)	---	Daily	32.08	32.28	31.90	31.97	32.05		
	Well KAFB-106234	GW flow, FI-7002(gpm)	0-200 gpm	Daily	171	171	171	171	170		
		Wellhead Pressure (psig)	< 150 psig	Daily	22.9 2288	22.9	22.9	22.9	22.9		
		Water Level Above Transducer (ft)	---	Daily	22.23	22.43	22.15	22.20	22.30		
	Well KAFB-106239	GW flow, FI-7002(gpm)	0-200 gpm	Daily	76	76	76	76	76		
		Wellhead Pressure (psig)	< 150 psig	Daily	48.7 4866	48.6	48.9	48.9	48.8		
		Water Level Above Transducer (ft)	---	Daily	17.32	17.49	17.27	17.11	17.22		
	Influent Pump Skid (1)	GW flow (gpm)	0-400 gpm	Daily	335	335	335	335	335		
		Totalizer (1000 gal)	---	Daily	530379 708	530796866	531475808	531757605	532359834		
		Bag filter differential pressure, F112A, PDI-3102A	<15 psid	Daily	0.32	0.32	0.32	0.32	0.32		
		Bag filter differential pressure, F112B, PDI-3102B	<15 psid	Daily	0.33	0.33	0.34	0.34	0.34		
	Influent Pump Skid (2)	GW flow (gpm)	0-400 gpm	Daily	215	216	215	215	215		
		Totalizer (1000 gal)	---	Daily	353569536	353845400	354215688	354611 540	354878208		
		Bag filter differential pressure, F-212A, PDI-3202A	<15 psid	Daily	0.07	0.07	0.07	0.03	0.03		
		Bag filter differential pressure, F-212B, PDI-3202B	<15 psid	Daily	0.04	0.04	0.04	0.03	358		
	Effluent Skid Pump (1)	GW flow (gpm)	0-400 gpm	Daily	339	339	338	338	219		
		Totalizer (1000 gal)	---	Daily	582649376	583201120	583061080	584729 088	585271976		
	Effluent Skid Pump (2)	GW flow (gpm)	0-400 gpm	Daily	218	218	219	219	219		
		Totalizer (1000 gal)	---	Daily	446408568	446676858	447095456	447425276	447684016		
	Injection Well KAFB-7	Pressure (psig)	0-120 psig	Daily	0.8	0.8	0.8	0.7	0.8		
		Water Level Above Transducer (ft)	10-100 ft	Daily	57.27	57.57	56.59	56.59	57.09		
	Injection Well KAFB-IN2	Upstream Pressure (psig)	0-120 psig	Daily	15.5	15.3	1.6	0.8	0.1		
		Downstream Pressure (psig)	0-120 psig	Daily	13.4	12.7	0.9	0.8	0.8		
		Water Level Above Transducer (ft)	10-100 ft	Daily	75	81	13	13	13		
	Golf Course Pond	Pond Level (ft)	0.7-3.5 ft	Daily	3.95	3.69	3.03	3.18	3.48		
HIMs	Influent Pump Skid (1)	Frequency (Hz, P112A | B)	>30 Hz	Daily	47.07 | 47.09	46.68 | 46.71	48.54 | 48.57	48.31 | 48.32	48.10 | 48.12		
		Amperage (A, P112A | B)	>10 A	Daily	10.7 | 10.9	10.6 | 10.8	11.2 | 11.4	11.0 | 11.2	11.0 | 11.2		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	8	8.5	9.5	11	10.5		
	Influent Pump Skid (2)	Frequency (Hz, P212A | B)	>30 Hz	Daily	44.13 | 44.15	43.30 | 43.36	47.31 | 47.29	47.10 | 47.06	46.31 | 46.31		
		Amperage (A, P212A | B)	>10 A	Daily	9.4 | 9.3	9.3 | 9.2	10.2 | 10.0	9.6 | 9.5	10.0 | 9.9		
		Sand Filter Differential Pressure (psi)	>1 psi	Daily	5	5.1	11	8	10		
	Effluent Pump Skid (1)	Frequency (Hz, P118)	>30 Hz	Daily	48.43	48.26	46.19	46.27	46.04		
		Amperage (A, P118)	>10 A	Daily	16.0	15.9	15.3	15.3	15.3		
	Effluent Pump Skid (2)	Frequency (Hz, P218)	>30 Hz	Daily	43.95	43.64	40.74	42.17	41.61		
		Amperage (A, P218)	>10 A	Daily	12.9	12.8	12.12	12.15	12.2		
Well Vault	KAFB-106228	Totalizer (Mgal)	---	Weekly	185.8513	—	—	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	131.6	—	—	—	—		
Well Vault	KAFB-106239	Totalizer (Mgal)	---	Weekly	105.0445	—	—	—	—		
		GW flow, FT-3001 (gpm)	0-200 gpm	Weekly	76.0	—	—	—	—		
Well Control House	KAFB-106233	Wellhead Pressure (psig)	< 150 psig	Weekly	94	—	—	—	—		
		GW flow, FT-7001 (gpm)	0-200 gpm	Weekly	160.8	—	—	—	—		
		Totalizer (Mgal)	---	Weekly	234.1098	—	—	—	—		
	KAFB-106234	Wellhead Pressure (psig)	< 150 psig	Weekly	78	—	—	—	—		
		GW flow, FT-7002 (gpm)	0-200 gpm	Weekly	169.8	—	—	—	—		
		Totalizer (Mgal)	---	Weekly	349.5762	—	—	—	—		
	Well Control House	Effluent Line Pressure, PI-7005	< 150 psig	Weekly	22.1	—	—	—	—		
Well Head	KAFB-7	*Totalizer (1000 gal)	---	Weekly	9980.000	—	—	—	—		
		GW flow (gpm)	0-800 gpm	Weekly	—	—	—	—	—		
Well Head	KAFB-IN2	*Totalizer (1000 gal)	---	Weekly	—	—	—	—	6.5340		
		GW flow (gpm)	0-800 gpm	Weekly	—	—	—	—	—		

Notes:

* The KAFB-7 and KAFB-IN2 Totalizer readings should be recorded weekly as well as on days when the effluent flow is changed between KAFB-7, KAFB-IN2, and the Golf Course Main Pond.

To IN2 Bash. 220/3 | To IN2 222 | To GCMP | To GCMP

WEEKLY INSPECTIONS AND RECORD FORMS

KAFB BFF: Weekly Inspection Form for GWTS

Train: 1

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PF	1-8-2021 0900
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®) 1 Flashing green			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®) Green Flash			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings			
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Notes:			

Cleaned IAF basket strainers

Pete Ferraro Pete Juarez

KAFB BFF: Weekly Inspection Form for GWTS

Train: 2

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PR	1-8-2021 0945
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®) 2 App. brown bars			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds Yes			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®)			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Notes:			

KAFB BFF: Weekly Inspection Form for GWTS

Train: 1

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PF	1-15-21 1050
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®) / Flashing Green			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes: Oil changes + grease 1/14/21			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds Yes			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®)			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes: Oil changes + grease 1/14/21			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Notes: changed bag filters cleaned TNF basket strainers			

Pete Ferrara Pete Ferrara

KAFB BFF: Weekly Inspection Form for GWTS

Train: 2

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PP	1-15-21 1115
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®) 2 Green bars			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes: Oil Δ's & grease 1/14/21			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds Yes			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®) 1 Flashing Green			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes: oil Δ's & grease 1/14/21			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Notes: changed bag A'll Bags cleaned Influent basket strainer - Pete Ferrari Pete Ferrari			

KAFB BFF: Weekly Inspection Form for GWTS

Train: 1

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PF	1-22-21 1255
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®)	Flashing green		
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds Yes			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®)			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	✓	✓	✓
Notes:			

INF strainers cleaned

Pete Ferrari Pete Ferrari

KAFB BFF: Weekly Inspection Form for GWTS

Train: 2

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	OFF	PF	
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®) Flashing green			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings			
Notes: Train 2 off due to bad transducer in TK-216			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®)			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings			
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Notes:			

KAFB BFF: Weekly Inspection Form for GWTS

Train: 1

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PF	1-28-21 1045
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®)	Flashing green		
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®)	Flashing green		
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings			
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	✓	✓	
Notes:			

Cleaned Influent basket strainers

Pete Ferrari Peter Jemard

KAFB BFF: Weekly Inspection Form for GWTS

Train: 2

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	NA	PF	1-28-21
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®)			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®)			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings			
Notes: Down, bad transducer in TB TK-216			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Notes:			

Pete Ferrari Pete Ferrari

KAFB BFF: Weekly Inspection Form for GWTS

Train: 1

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PF	2-2-2021 0700
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®) Flashing Green			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PF	2-2-2021
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds Yes			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®) Flashing green			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	✓	✓	✓
Notes: change bag filters 2-5-2021			

Basket strainers cleaned 2-5-2021

Pete Ferrari Pete Ferrari

KAFB BFF: Weekly Inspection Form for GWTS

Train: 2

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PF	2-2-2021 0715
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®) 2 Green bars			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds Yes			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®)			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	✓	✓	✓
Notes: A bag filters 2-5-2021 Basket strainers cleaned 2-5-2021			

Pete Ferrari Pete Juarez

KAFB BFF: Weekly Inspection Form for GWTS

Train: 1

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PT	2-9-2021 0750
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®) / Flashing green			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds Yes			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®)			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Notes: No filter changes			

No strainers cleaned

Pete Ferrari Pete Ferrari

KAFB BFF: Weekly Inspection Form for GWTS

Train: 2

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PF	2-9-2021 0810
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®) 2 Green bars			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds Yes			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®)			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Notes:			

No Strainers cleaned

Pete Ferrari Pete Ferrari

KAFB BFF: Weekly Inspection Form for GWTS

Train: 1

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PF	2-16-2021 1050
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®)	Flashing Green		
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes: P112B - intermittent ODE electric motor noise, will give 2 squirts grease			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds Yes			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®)	Flashing green		
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Notes: Valve frozen this AM; Thawed changed clarifier bag filters clean all 4 basket strainers			

Pete Ferrand Pete Ferrand

KAFB BFF: Weekly Inspection Form for GWTS

Train: 2

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PF	2-16-2021 1105
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®) 2 Green bars			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds Yes			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®) Fluctuating green			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes: Bearing frame, slight leak at rear seal			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	✓	✓	✓
Notes:			

clean-all 4 strainers 2-16-2021

Pete Ferrand Pete Ferrand

KAFB BFF: Weekly Inspection Form for GWTS

Train: 1

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	JRL	2/23/21 1053
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®)			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®)			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings			
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Notes:			

KAFB BFF: Weekly Inspection Form for GWTS

Train: 2

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	VRL	2/23/21 11:00
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®)			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®)			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings			
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Notes:			

John Lin

KAFB BFF: Weekly Inspection Form for GWTS

Train: 1

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PF	3-5-2021 0845
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®)	Flash green		
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings	Yes		
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds	Yes		
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®)	Flashing green		
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings	Yes		
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Notes:			

strainers cleaned (INF)

Pete Ferrari Pete Ferrari

KAFB BFF: Weekly Inspection Form for GWTS

Train: 2

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PF	3-5-2021 0910
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®) 2 Green bars			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes	✓		
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good		
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds Yes	✓		
Notes: V 214B ~~tha~~ carbon exchange on 3-2-2021			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good		
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®)			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	✓	✓	✓
Notes:			

KAFB BFF: Weekly Inspection Form for GWTS

Train: 1

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PF	3-10-2021 1420
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®)	Flash Green		
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings	Yes		
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds	Yes		
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®)			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings	Yes		
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Notes: change bag filters 3-10-21			

INFLUENT strainers cleaned 3-10-2021

Pete Ferrari Pete Ferrari

KAFB BFF: Weekly Inspection Form for GWTS

Train: 2

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PF	3-10-2021 1435
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®) 2 Green bars			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds Yes			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®) 1 Flashing Green			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes: Bearing frame, small rear seal leak			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Notes: changed bag filter - 3-10-21			

Cleaned influent strainers 3-10

Pete Ferrari Pete Ferrari

KAFB BFF: Weekly Inspection Form for GWTS

Train: 1

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	RF	3-19-21 1315
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®)	Flashing Green		
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds Yes			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®)	Flashing Green		
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes: F-118A leaks at ~ 45 psi while injecting into KAFB-106IN2			

Clarifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Notes:			

3-18-21 Change clarifier bag filters

3-19-21 Clean INF basket strainers

Pete Ferrari Pete Jaramillo

KAFB BFF: Weekly Inspection Form for GWTS

Train: 2

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PF	3-19-21 1330
Feed pump seals free of leaks	↓	↓	↓
Pump vibration normal (i-ALERT®) 2 Green bars			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds Yes			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®) 1 Flashing Green			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes: slight rear seal (O-Ring) leak at bearing frame Coil level remains good)			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	✓	✓	✓
Notes: 8-18 bag filter Δ's			

3-19 clean all 4 INF strainers

Pete Ferrari Pete Ferrari

KAFB BFF: Weekly Inspection Form for GWTS

Train: 2

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PF	3-26-21 1045
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®) 2 Green bars			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds Yes			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®) 1 Flashing Green			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Notes: Add bag filters			

cleaned all 4 strainers

Pete Ferrari Pete Ferrari

KAFB BFF: Weekly Inspection Form for GWTS

Train: 1

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PT	3-26-21 1030
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®) Y Flashing Green			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds Yes			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®) Y Flashing Green			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings Yes			
Notes: Noticed Front seal oil leak on 3-24-21, cleaned up, hasn't leaked since			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Notes: changed bag filters			

Cleaned all 4 strainers

Pete Ferran Pete Jenny

KAFB BFF: Weekly Inspection Form for GWTS

Train: 2

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PF	4-2-2021 1215
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®) 2 Green bars			
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds Yes			
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®) 1 Flashing Green			
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings			
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	✓	✓	✓
Notes: Δ bag filters			

clean inf. strainers

Pete Ferraro Pete Jensen

KAFB BFF: Weekly Inspection Form for GWTS

Train: 1

Groundwater Feed (tank, feed pumps and pre-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	Good	PT	4-2-2021 1200
Feed pump seals free of leaks			
Pump vibration normal (i-ALERT®)	Flashing Green		
Oil reservoir for feed pumps full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings			
Notes:			

Carbon Adsorbers	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Pressure drop less than 15 psig for each bed			
Vent air from top of carbon beds	YES		
Notes:			

Treated Water Discharge (tank, feed pumps and post-filter)	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks			
Treated water discharge pump seal free of leaks			
Pump vibration normal (i-ALERT®)	Flashing Green		
Oil reservoir for feed pump full			
Pump oil has been changed within last 90 days			
Filter housing gaskets free of leaks			
Filter differential pressure less than 15 psi			
Vent air from top of filter housings			
Notes:			

Calrifier and Backwashing Lines	Condition	Inspector	Date/Time
Pipes, fittings and instruments free of leaks	✓	✓	✓
Notes: change bag filters			

Clean ~~Tap~~ influent strainer

Pete Ferrari Beth Jurand

MONTHLY INSPECTIONS AND RECORD FORMS

Monthly Operation and Maintenance Inspections
Vaults

Wellhead Vault KAFB-106228 DRY	Condition	Inspected by	Date/Time
wellhead vault dry and free of debris	Good	PF/JRL	1/27/2021 0938
Air relief valve (ARV-3005) outlet clear			
Pressure in double wall pipe interstitial space (PI-3002) is near zero after ventvalve is opened for 2 minutes and then closed			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			
Locks on electrical shed and panels intact			

Valve Vault KAFB-106228 (Louisiana inside base fence)	Condition	Inspected by	Date/Time
Vault dry and free of debris DRY	Good	PF	1-19-21 1100
Air relief valve (ARV-3008) outlet clear			
Pressure in double wall pipe interstitial space (PI-3003) is near zero after ventvalve is opened for 2 minutes and then closed			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			

Wellhead Vault KAFB-106233 DRY	Condition	Inspected by	Date/Time
Vault dry and free of debris	Good	PF/JRL	1/27/2021 1041
Air relief valve (ARV-4001) outlet clear			
Pressure in double wall pipe interstitial space (PI-4001) is near zero after ventvalve is opened for 2 minutes and then closed			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			

Wellhead Vault KAFB-106234 DRY	Condition	Inspected by	Date/Time
Vault dry and free of debris	Good	PF/JRL	1/27/2021 1105
Air relief valve (ARV-5001) outlet clear			
Pressure in double wall pipe interstitial space (PI-5001) is near zero after ventvalve is opened for 2 minutes and then closed			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			

Air Release Valve Vault - Eastern Avenue	Condition	Inspected by	Date/Time
wellhead vault dry and free of debris DRY	Good	PF	1-19-21 ~~1015~~ 1040
Air relief valve (ARV-6001 and ARV-6002) outlets clear			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables intact			
Vault cover and seals intact			

Wellhead Vault KAFB-106239	Condition	Inspected by	Date/Time
Vault dry and free of debris	Good	PF/JRL	1-27-2021 1000
Pressure in double wall pipe interstitial space (PI-7001) is near zero after ventvalve is opened for 2 minutes and then closed			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			

Junction Vault KAFB-106239 (Ridgecrest inside base fence)	Condition	Inspected by	Date/Time
Vault dry and free of debris DRY	Good	PF	1-19-21 1240
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			

Well Control House (WCH) - Gibson Avenue (inside base fence)	Condition	Inspected by	Date/Time
WCH dry and free of debris	Good	PF	1-19-21 0850
Air relief valve (ARV-3008) outlet clear			
Pressure in double wall pipe interstitial spaces (PI-7001 and PI-7002) is near zeroafter space is vented at wellhead.			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables intact			

Monthly Operation and Maintenance Inspections
Vaults

Valve Vault WCH to GWTS (Louisiana inside base fence)	Condition	Inspected by	Date/Time
Vault dry and free of debris DRY	Good	PF	1-19-21 1100
Air relief valve (ARV-8001) outlet clear			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables intact			

Air Relief Valve Vaults on Discharge line (on base)	Condition	Inspected by	Date/Time
Vault dry and free of debris ARV #3 was leaking at discharge, closed off	Good	PF	1-19-21 1115-1230
Air relief valve outlets clear			

KAFB Well 7 Wellhead → Hot box	Condition	Inspected by	Date/Time
Well 7 flowmeter vault dry and free of debris	Good	PF	1-19-21 0745
Air relief valve (ARV-9012) outlet clear			
~~V-Smart valve hydraulic oil reservoir full~~ Heater kicks on			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables intact			
~~Filter pressure reading within green on dial~~ PF			
~~Oil temperature between 90-110 degrees Farenheit~~ PF			
~~Oil clear and without solids~~ PF			

Golf Course Main Pond	Condition	Inspected by	Date/Time
GCMP water level consistent with HMI	Good	PF	1-19-21 1135
Discharge line clear of obstruction(s)		"	

Monthly Operation and Maintenance Inspections
Vaults

Date/Inspected by: 1-19-21 PE	Flowmeters										
Flowmeter Inspection Items	**FIT- 3001**	**FIT- 7001**	**FIT- 7002**	**FIT- 239**	**FIT- 3102**	**FIT- 3108**	**FIT- 3202**	**FIT- 3208**	**FIT- 3120**	**FIT- 3120**	**KAFB-7**
Flow reading operational	Good	Good	Good	Good	Good	Good	Good	Good	Good		Good
PLC totalizer functional	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓
No moisture in readout											
Free of mechanical damage											
Readings consistent with past operations	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓

FE/FIT- 3001, located in KAFB-106228 well vault. Magmeter (flow and totalizer) that measures well flow to the GWTS.
FE/FIT- 7001, located in well control house. Magmeter (flow and totalizer) that measures well flow to the GWTS.
FE/FIT- 7002, located in well control house. Magmeter (flow and totalizer) that measures well flow to the GWTS.
FE/FIT- , located in KAFB-106239 well vault. Magmeter (flow and totalizer) that measures well flow to the GWTS.
FE/FIT- 3102, located on the Train 1 feed pump skid in the treatment building. Magmeter (flow and totalizer) that measures flow from the feed tank to carbon beds.
FE/FIT- 3108, located on the Train 1 discharge pump skid in the treatment building. Magmeter (flow and totalizer) that measures flow from the treated water tank to discharge line.
FE/FIT- 3202, located on the Train 2 feed pump skid in the treatment building. Magmeter (flow and totalizer) that measures flow from the feed tank to carbon beds.
FE/FIT- 3208, located on the Train 2 discharge pump skid in the treatment building. Magmeter (flow and totalizer) that measures flow from the treated water tank to discharge line.
FI/FQI- 3120, located on the effluent bypass in the treatment building. Turbine meter (local) with analog flow rate and mechanical totalizer readout in increments of 100 gallons. Measures water volume discahrged to the truck bay.
FI/FQI-KAFB-7, located in existing vault near KAFB-7. ~~Turbine~~ V-Cone meter with ~~analog~~ digital flow rate and ~~mechanical~~ electronic totalizer readout in increments of ~~1,000~~ millions gallons. Measures injection volume into KAFB-7.

Monthly Operation and Maintenance Inspections
Vaults

Wellhead Vault KAFB-106228	Condition	Inspected by	Date/Time
wellhead vault dry and free of debris	Good	PF / JRL	0815 2-23-2021
Air relief valve (ARV-3005) outlet clear			
Pressure in double wall pipe interstitial space (PI-3002) is near zero after ventvalve is opened for 2 minutes and then closed			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			
Locks on electrical shed and panels intact			

Valve Vault KAFB-106228 (Louisiana inside base fence)	Condition	Inspected by	Date/Time
Vault dry and free of debris	Good	PF / JRL	2-23-2021 1030
Air relief valve (ARV-3008) outlet clear			
Pressure in double wall pipe interstitial space (PI-3003) is near zero after ventvalve is opened for 2 minutes and then closed			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			

Wellhead Vault KAFB-106233	Condition	Inspected by	Date/Time
Vault dry and free of debris	Good	PF / JRL	2-23-2021 0900
Air relief valve (ARV-4001) outlet clear			
Pressure in double wall pipe interstitial space (PI-4001) is near zero after ventvalve is opened for 2 minutes and then closed			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			

Wellhead Vault KAFB-106234	Condition	Inspected by	Date/Time
Vault dry and free of debris	Good	PF / JRL	2-23-2021 0975
Air relief valve (ARV-5001) outlet clear			
Pressure in double wall pipe interstitial space (PI-5001) is near zero after ventvalve is opened for 2 minutes and then closed			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			

Air Release Valve Vault - Eastern Avenue	Condition	Inspected by	Date/Time
wellhead vault dry and free of debris Retrieve 5 gallon bucket from vault	Good	PF / JRL	2-23-2021 0935
Air relief valve (ARV-6001 and ARV-6002) outlets clear			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables intact			
Vault cover and seals intact			

Wellhead Vault KAFB-106239	Condition	Inspected by	Date/Time
Vault dry and free of debris	Good	PF / JRL	2-23-2021 720
Pressure in double wall pipe interstitial space (PI-?001) is near zero after ventvalve is opened for 2 minutes and then closed			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			

Junction Vault KAFB-106239 (Ridgecrest inside base fence)	Condition	Inspected by	Date/Time
Vault dry and free of debris	Good	PF / JRL	2-23-2021 1100
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			

Well Control House (WCH) - Gibson Avenue (inside base fence)	Condition	Inspected by	Date/Time
WCH dry and free of debris	Good	PF / JRL	2-23-2021 1050
Air relief valve (ARV-3008) outlet clear			
Pressure in double wall pipe interstitial spaces (PI-7001 and PI-7002) is near zeroafter space is vented at wellhead.			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables intact			

Monthly Operation and Maintenance Inspections
Vaults

Valve Vault WCH to GWTS (Louisiana inside base fence)	Condition	Inspected by	Date/Time
Vault dry and free of debris	Good	PF / JRL	2-23-2021 1030
Air relief valve (ARV-8001) outlet clear			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables intact			

Air Relief Valve Vaults on Discharge line (on base)	Condition	Inspected by	Date/Time
Vault dry and free of debris Vault # 1 inside Sundance fence Clocked, need combo)	Good	PF	2-23-2021 1105-1230
Air relief valve outlets clear	"		

KAFB Well 7 Wellhead	Condition	Inspected by	Date/Time
Well 7 flowmeter vault dry and free of debris	Good	PF	2-23-2021 1200
Air relief valve (ARV-9012) outlet clear	Yes		
V-Smart valve hydraulic oil reservoir full	NA		
Piping, valves and electrical boxes are free of leaks and external corrosion	Yes		
Electrical cables intact	Yes		
Filter pressure reading within green on dial	NA		
Oil temperature between 90-110 degrees Farenheit	NA		
Oil clear and without solids	NA		

Golf Course Main Pond	Condition	Inspected by	Date/Time
GCMP water level consistent with HMI 3.47 2.22 Standby Rod	Good	PF	2-24-2021 1245
Discharge line clear of obstruction(s)	"	"	

Well 7 Singer valve pressures are normal during injection

Monthly Operation and Maintenance Inspections
Vaults

Date/Inspected by: 2-23-2021 PF/JRL	Flowmeters										
Flowmeter Inspection Items	**FIT- 3001**	**FIT- 7001**	**FIT- 7002**	**FIT- 239**	**FIT- 3102**	**FIT- 3108**	**FIT- 3202**	**FIT- 3208**	**FIT- 3120**	**FIT- 3120**	**KAFB-7**
Flow reading operational	Good	Good	Good	Good	Good	Good	Good	Good	Good		Good
PLC totalizer functional	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓
No moisture in readout	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓
Free of mechanical damage	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓
Readings consistent with past operations	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓

FE/FIT- 3001, located in KAFB-106228 well vault. Magmeter (flow and totalizer) that measures well flow to the GWTS.
FE/FIT- 7001, located in well control house. Magmeter (flow and totalizer) that measures well flow to the GWTS.
FE/FIT- 7002, located in well control house. Magmeter (flow and totalizer) that measures well flow to the GWTS.
FE/FIT- , located in KAFB-106239 well vault. Magmeter (flow and totalizer) that measures well flow to the GWTS.
FE/FIT- 3102, located on the Train 1 feed pump skid in the treatment building. Magmeter (flow and totalizer) that measures flow from the feed tank to carbon beds.
FE/FIT- 3108, located on the Train 1 discharge pump skid in the treatment building. Magmeter (flow and totalizer) that measures flow from the treated water tank to discharge line.
FE/FIT- 3202, located on the Train 2 feed pump skid in the treatment building. Magmeter (flow and totalizer) that measures flow from the feed tank to carbon beds.
FE/FIT- 3208, located on the Train 2 discharge pump skid in the treatment building. Magmeter (flow and totalizer) that measures flow from the treated water tank to discharge line.
FI/FQI- 3120, located on the effluent bypass in the treatment building. Turbine meter (local) with analog flow rate and mechanical totalizer readout in increments of 100 gallons. Measures water volume discahrged to the truck bay.
FI/FQI-KAFB-7, located in existing vault near KAFB-7. Turbine meter with analog flow rate and mechanical totalizer readout in increments of 1,000 gallons. Measures injection volume into KAFB-7.

Pete Ferrari Peter Lucero 2-24-2021

Monthly Operation and Maintenance Inspections
Vaults

Wellhead Vault KAFB-106228	Condition	Inspected by	Date/Time
wellhead vault dry and free of debris	Good	PF / SRL	3-10-2021 0826
Air relief valve (ARV-3005) outlet clear			
Pressure in double wall pipe interstitial space (PI-3002) is near zero after vent valve is opened for 2 minutes and then closed			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			
Locks on electrical shed and panels intact			

Valve Vault KAFB-106228 (Louisiana inside base fence)	Condition	Inspected by	Date/Time
Vault dry and free of debris	Good	PF / SRL	3-10-2021 1100
Air relief valve (ARV-3008) outlet clear			
Pressure in double wall pipe interstitial space (PI-3003) is near zero after vent valve is opened for 2 minutes and then closed			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			

Wellhead Vault KAFB-106233	Condition	Inspected by	Date/Time
Vault dry and free of debris	Good	PF / SRL 0930	3-10-2021 0930
Air relief valve (ARV-4001) outlet clear			
Pressure in double wall pipe interstitial space (PI-4001) is near zero after vent valve is opened for 2 minutes and then closed			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			

Wellhead Vault KAFB-106234	Condition	Inspected by	Date/Time
Vault dry and free of debris	Good	PF / SRL	3-10-2021 1000
Air relief valve (ARV-5001) outlet clear			
Pressure in double wall pipe interstitial space (PI-5001) is near zero after vent valve is opened for 2 minutes and then closed			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			

Air Release Valve Vault - Eastern Avenue	Condition	Inspected by	Date/Time
wellhead vault dry and free of debris	Good	PF / SRL	3-10-2021 1045
Air relief valve (ARV-6001 and ARV-6002) outlets clear			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables intact			
Vault cover and seals intact			

Wellhead Vault KAFB-106239	Condition	Inspected by	Date/Time
Vault dry and free of debris	Good	PF / SRL	3-10-2021 0900
Pressure in double wall pipe interstitial space (PI-7001) is near zero after vent valve is opened for 2 minutes and then closed			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			

Junction Vault KAFB-106239 (Ridgecrest inside base fence)	Condition	Inspected by	Date/Time
Vault dry and free of debris	Good	PF	3-18-2021 1050
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables, vault cover and seals intact			

Well Control House (WCH) - Gibson Avenue (inside base fence)	Condition	Inspected by	Date/Time
WCH dry and free of debris	Good	PF / SRL	3-10-2021 0800
Air relief valve (ARV-3008) outlet clear			
Pressure in double wall pipe interstitial spaces (PI-7001 and PI-7002) is near zero after space is vented at wellhead.			
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables intact			

Monthly Operation and Maintenance Inspections
Vaults

Valve Vault WCH to GWTS (Louisiana inside base fence)	Condition	Inspected by	Date/Time
Vault dry and free of debris	Good	Good	3-10-2021 1100
Air relief valve (ARV-8001) outlet clear	↓	↓	↓
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables intact			

Air Relief Valve Vaults on Discharge line (on base) Vault #3 is still off	Condition	Inspected by	Date/Time
Vault dry and free of debris	Good	PF	1115 - 1300 3-18-2021
Air relief valve outlets clear	"	"	"

KAFB Well 7 Wellhead	Condition	Inspected by	Date/Time
Well 7 flowmeter vault dry and free of debris Hot box	Good	PF	3-18-2021 1125
Air relief valve (ARV-9012) outlet clear	Good		
~~V-Smart valve hydraulic oil reservoir full~~ Singer flow control valve	Good		
Piping, valves and electrical boxes are free of leaks and external corrosion			
Electrical cables intact			
~~Filter pressure reading within green on dial~~	NA		
~~Oil temperature between 90-110 degrees Farenheit~~	NA		
~~Oil clear and without solids~~	NA	↓	↓

Golf Course Main Pond	Condition	Inspected by	Date/Time
GCMP water level consistent with HMI	Good	PF	3-18-2021 1140
Discharge line clear of obstruction(s)	Good	"	" ~~PF~~

Monthly Operation and Maintenance Inspections
Vaults

Date/Inspected by: 3-10-2021 PF, JL.	Flowmeters											IN2
Flowmeter Inspection Items	**FIT- 3001**	**FIT- 7001**	**FIT- 7002**	**FIT- 239**	**FIT- 3102**	**FIT- 3108**	**FIT- 3202**	**FIT- 3208**	**FIT- 3120**	**FIT- 3120**	**KAFB-7**	
Flow reading operational	Good	Good	Good	Good	Good	Good	Good	Good	Good		Good	Good
PLC totalizer functional	↓	↓	↓	↓	↓	↓	↓	↓	↓	\	↓	↓
No moisture in readout	↓	↓	↓	↓	↓	↓	↓	↓	↓	\	↓	↓
Free of mechanical damage	↓	↓	↓	↓	↓	↓	↓	↓	↓	\	↓	↓
Readings consistent with past operations	↓	↓	↓	↓	↓	↓	↓	↓	↓	\	↓	↓

FE/FIT- 3001, located in KAFB-106228 well vault. Magmeter (flow and totalizer) that measures well flow to the GWTS. — HMI overstates gpm by ~ 4gpm
FE/FIT- 7001, located in well control house. Magmeter (flow and totalizer) that measures well flow to the GWTS.
FE/FIT- 7002, located in well control house. Magmeter (flow and totalizer) that measures well flow to the GWTS.
FE/FIT- , located in KAFB-106239 well vault. Magmeter (flow and totalizer) that measures well flow to the GWTS.
FE/FIT- 3102, located on the Train 1 feed pump skid in the treatment building. Magmeter (flow and totalizer) that measures flow from the feed tank to carbon beds.
FE/FIT- 3108, located on the Train 1 discharge pump skid in the treatment building. Magmeter (flow and totalizer) that measures flow from the treated water tank to discharge line.
FE/FIT- 3202, located on the Train 2 feed pump skid in the treatment building. Magmeter (flow and totalizer) that measures flow from the feed tank to carbon beds.
FE/FIT- 3208, located on the Train 2 discharge pump skid in the treatment building. Magmeter (flow and totalizer) that measures flow from the treated water tank to discharge line.
FI/FQI- 3120, located on the effluent bypass in the treatment building. Turbine meter (local) with analog flow rate and mechanical totalizer readout in increments of 100 gallons. Measures water volume discahrged to the truck bay.
FI/FQI-KAFB-7, located in existing vault near KAFB-7. ~~Turbine~~ V-Cone meter with analog flow rate and mechanical totalizer readout in increments of 1,000 gallons. Measures injection volume into KAFB-7.

IN2 → Mag meter → injection well 2 GPM readings consistant w/ SCADA

Name:	Signature:
Pete Ferrari	Pete Ferrari

WEEKLY YARD INSPECTIONS

Weekly Yard Inspection - IDW OFF Project					
Inspected by	Pete Farrar				
Date	1 – 1/8/21				
Safety Information	**Yes**	**No**	**NA**	**Corrective Action Taken**	**Comments**
Is emergency contact information in place and up to date?	☑	☐	☐		
Are signs present for emergency safety equipment? (eyewash, fire extinguisher, etc.)	☑	☐	☐		
Are flammables storage signs in place and legible?	☑	☐	☐		
Is caution tape in tact around the IDW storage area?	☐	☐	☑		
Containment	**Yes**	**No**	**NA**		**Comments**
Are all flammables stored in the appropriate cabinet?	☑	☐	☐		
Are the refridgeration, freezer, and flammable liquid storage areas free of leaks or spillage?	☑	☐	☐		
Are the portable restroom exteriors free of leaks or spillage?	☑	☐	☐		
Are the EA vehicles and compressors free of leaks or spillage?	☑	☐	☐		
Cleanliness	**Yes**	**No**	**NA**		**Comments**
Is the yard free of trash?	☑	☐	☐		
Is the yard free of weeds?	☐	☑	☐		
Is all equipment clear of the yard and put away?	☑	☐	☐		
Are all 55 gallon drums stacked properly on pallets in the IDW yard?	☑	☐	☐		
Are all IDW yard signs in place and upright?	☑	☐	☐		
Functionality	**Yes**	**No**	**NA**		**Comments**
Is the yard free of obstructions or safty hazards? (slip, trip, fall, etc.)	☑	☐	☐		
Is the gravel driveway intact for vehicle access?	☑	☐	☐		
Is the enclosed fence upright and intact?	☑	☐	☐		
Are all locks smooth and functional? (radar, regulator, etc.)	☐	☐	☐		

Weekly Yard Inspection - (IRP BFF Project

Inspected by	Pete Ferrari
Date	1-15-2021

Safety Information	Yes	No	NA	Corrective Action Taken	Comments
Is emergency contact information in place and up to date?	☑	☐	☐		
Are signs present for emergency safety equipment? (eyewash, fire extinguisher, etc.)	☑	☐	☐		
Are flammables storage signs in place and legible?	☑	☐	☐		
Is caution tape in tact around the IDW storage area?	☑	☐	☐		
Containment	**Yes**	**No**	**NA**		**Comments**
Are all flammables stored in the appropriate cabinet?	☑	☐	☐		
Are the refrigerator, freezer, and flammable liquid storage areas free of leaks or spillage?	☑	☐	☐		
Are the portable restroom exteriors free of leaks or spillage?	☑	☐	☐		
Are the SA vehicles and compressors free of leaks or spillage?	☑	☐	☐		
Cleanliness	**Yes**	**No**	**NA**		**Comments**
Is the yard free of trash?	☑	☐	☐		
Is the yard free of weeds?	☐	☑	☐		Dead tumbleweeds have blown in
Is all equipment clear of the yard and put away?	☑	☐	☐		
Are all 55 gallon drums stacked properly on pallets in the IDW yard?	☑	☐	☐		
Are all IDW yard signs in place and upright?	☑	☐	☐		
Functionality	**Yes**	**No**	**NA**		**Comments**
Is the yard free of obstructions or safty hazards? (slip, trip, fall, etc.)	☑	☐	☐		
Is the gravel driveway/lanes for vehicle access?	☑	☐	☐		
Is the enclosed fence upright and intact?	☑	☐	☐		
Are all locks smooth and functional? (latter, regulator, etc.)	☐	☐	☐		

Weekly Yard Inspection - IRP BFF Project					
Inspected by	Pete Ferrari				
Date	1-22-2021				
Safety Information	**Yes**	**No**	**NA**	**Corrective Action Taken**	**Comments**
Is emergency contact information in place and up to date?	☑	☐	☐		
Are signs present for emergency safety equipment? (eyewash, fire extinguisher, etc.)	☐	☐	☐		
Are flammables storage signs in place and legible?	☐	☐	☐		
Is caution tape in tact around the IDW storage area?	☐	☐	☐		
Containment	**Yes**	**No**	**NA**		**Comments**
Are all flammables stored in the appropriate cabinet?	☐	☐	☐		
Are the refridgerator, freezer, and flammable liquid storage areas free of leaks or spillage?	☐	☐	☐		
Are the portable restroom stations free of leaks or spillage?	☐	☐	☐		
Are the SA vehicles and compressors free of leaks or spillage?	☐	☐	☐		
Cleanliness	**Yes**	**No**	**NA**		**Comments**
Is the yard free of trash?	☐	☐	☐		
Is the yard free of weeds?	☐	☐	☐		Dead. Tumble weed
Is all equipment clear of the yard and put away?	☐	☐	☐		
Are all 55 gallon drums stacked properly on pallets in the IDW yard?	☐	☐	☐		
Are all IDW yard signs in place and upright?	☐	☐	☐		
Functionality	**Yes**	**No**	**NA**		**Comments**
Is the yard free of obstructions or safty hazards? (slip, trip, fall, etc.)	☐	☐	☐		
Is the gravel driveway/gates for vehicle access?	☐	☐	☐		
Is the enclosed fence upright and intact?	☐	☐	☐		
Are all locks present and functional? (trailer, refrigerator, etc.)	☐	☐	☐		

Weekly Yard Inspection - IDW & BFF Project					
Inspected by:	Pete Farrar				
Date:	1-29-2021				
Safety Information	Yes	No	NA	Corrective Action Taken	Comments
Is emergency contact information in place and up to date?	☑	☐	☐		
Are signs present for emergency safety equipment? (eyewash, fire extinguisher, etc.)	☑	☐	☐		
Are flammables storage signs in place and legible?	☑	☐	☐		
Is caution tape in use around the IDW storage area?	☐	☐	☑		
Containment	Yes	No	NA		Comments
Are all flammables stored in the appropriate cabinet?	☑	☐	☐		
Are the refridgerator, freezer, and flammable liquid storage areas free of leaks or spillage?	☑	☐	☐		
Are the portable containerization free of leaks or spillage?	☑	☐	☐		
Are the SA vehicles and compressors free of leaks or spillage?	☑	☐	☐		
Cleanliness	Yes	No	NA		Comments
Is the yard free of trash?	☑	☐	☐		
Is the yard free of weeds?	☐	☑	☐		Dead and blown in tumbleweeds
Is all equipment clean of the yard and put away?	☑	☐	☐		
Are all 55 gallon drums stacked properly on pallets in the IDW yard?	☑	☐	☐		
Are all IDW yard signs in place and upright?	☑	☐	☐		
Functionality	Yes	No	NA		Comments
Is the yard free of obstructions or safety hazards? (slip, trip, fall, etc.)	☑	☐	☐		
Is the gravel driveway/lanes for vehicle access?	☑	☐	☐		
Is the enclosed fence upright and intact?	☑	☐	☐		
Are all locks present and functional? (trailer, refrigerator, etc.)	☐	☐	☐		

Weekly Yard Inspection - Bldg 615 BFF Project					
Inspected by:	Pete Farraw				
Date:	2-5-2021				
Safety Information	**Yes**	**No**	**NA**	**Corrective Action Taken**	**Comments**
Is emergency contact information in place and up to date?	☑	☐	☐		
Are signs present for emergency safety equipment? (eyewash, fire extinguisher, etc.)	☑	☐	☐		
Are flammables storage signs in place and legible?	☑	☐	☐		
Is caution tape in tact around the HW storage area?	☐	☐	☑		
Containment	**Yes**	**No**	**NA**		**Comments**
Are all flammables stored in the appropriate cabinet?	☑	☐	☐		
Are the cabinet, freezer, and flammable liquid storage area free of leaks or spillage?	☑	☐	☐		The ice cooler had tripped, reset the outlet
Are the portable restroom exterior free of leaks or spillage?	☑	☐	☐		
Are the EA vehicles and compressors free of leaks or spillage?	☑	☐	☐		
Cleanliness	**Yes**	**No**	**NA**		**Comments**
Is the yard free of trash?	☑	☐	☐		
Is the yard free of weeds?	☐	☑	☐		Tumbleweeds.
Is all equipment closer of the yard and put away?	☑	☐	☐		
Are all 55 gallon drums stacked properly on pallets in the HW yard?	☑	☐	☐		
Are all HW yard signs in place and upright?	☑	☐	☐		
Functionality	**Yes**	**No**	**NA**		**Comments**
Is the yard free of obstructions or safety hazards? (slip, trip, fall, etc.)	☑	☐	☐		
Is the gravel driveway intact for vehicle access?	☑	☐	☐		
Is the enclosed fence upright and intact?	☑	☐	☐		
Are all locks present and functional? (trailer, refrigerator, etc.)	☑	☐	☐		

Weekly Yard Inspection - IWM BFF Project

Inspected by:	Pete Ferraw
Date:	2-9-2021

Safety Information	Yes	No	NA	Corrective Action Taken	Comments
Is emergency contact information in place and up to date?	☑	☐	☐		
Are signs present for emergency safety equipment? (eyewash, fire extinguisher, etc.)	☑	☐	☐		
Are flammables storage signs in place and legible?	☑	☐	☐		
Is caution tape in use around the IDW storage area?	☐	☐	☑		
Containment	**Yes**	**No**	**NA**		**Comments**
Are all flammables stored in the appropriate cabinet?	☑	☐	☐		
Are the refridgerator, freezer, and flammable liquid storage areas free of leaks or spillage?	☑	☐	☐		
Are the portable restroom exteriors free of leaks or spillage?	☑	☐	☐		
Are the SA vehicles and compressors free of leaks or spillage?	☑	☐	☐		
Cleanliness	**Yes**	**No**	**NA**		**Comments**
Is the yard free of trash?	☑	☐	☐		
Is the yard free of weeds?	☐	☑	☐	Trimble mowing	
Is all equipment clean of the yard and put away?	☑	☐	☐		
Are all 55 gallon drums stacked properly on pallets in the IDW yard?	☑	☐	☐		
Are all IDW yard signs in place and upright?	☑	☐	☐		
Functionality	**Yes**	**No**	**NA**		**Comments**
Is the yard free of obstructions or safty hazards? (slip, trip, fall, etc.)	☑	☐	☐		
Is the gravel driveway intact for vehicle access?	☑	☐	☐		
Is the enclosed fence upright and intact?	☑	☐	☐		
Are all locks smooth and functional? (trailer, refrigerator, etc.)	☐	☐	☐		

Weekly Hazardous Waste Inspection - Tinker AFB Project					
Inspected By:	Pete Ferrara				
Date:	2-16-2021				
Safety Information	**Yes**	**No**	**NA**	**Corrective Action Taken**	**Comments**
Is emergency contact information in place and up to date?	☑	☐	☐		
Are signs present for emergency safety equipment? (eyewash, fire extinguisher, etc.)	☑	☐	☐		
Are flammables storage signs in place and legible?	☑	☐	☐		
Is caution tape in use around the HW storage area?	☐	☐	☑		
Containment	**Yes**	**No**	**NA**		**Comments**
Are all flammables stored in the appropriate cabinet?	☑	☐	☐		
Are the refrigerator, freezer, and flammable liquid storage areas free of leaks or spillage?	☑	☐	☐		
Are the portable restroom exteriors free of leaks or spillage?	☑	☐	☐		
Are the SA vehicles and compressors free of leaks or spillage?	☑	☐	☐		
Cleanliness	**Yes**	**No**	**NA**		**Comments**
Is the yard free of trash?	☑	☐	☐		
Is the yard free of weeds?	☐	☑	☐		
Is all equipment store of the yard and put away?	☑	☐	☐		
Are all 55 gallon drums stacked properly on pallets in the HW yard?	☑	☐	☐		
Are all HW yard signs in place and upright?	☑	☐	☐		
Traffic Safety	**Yes**	**No**	**NA**		**Comments**
Is the yard free of obstructions or safety hazards? (slip, trip, fall, etc.)	☑	☐	☐		
Is the gravel driveway intact for vehicle access?	☑	☐	☐		
Is the enclosed fence upright and intact?	☑	☐	☐		
Are all locks smooth and functional? (trailer, refrigerator, etc.)	☑	☐	☐		

Weekly Yard Inspection - IDW BFF Project					
Inspected by:	JOSH LIVINGSTON				
Date:	2/23/21				
Safety Information	**Yes**	**No**	**NA**	**Corrective Action Taken**	**Comments**
Is emergency contact information in place and up to date?	☒	☐	☐		
Are signs present for emergency safety equipment? (eyewash, fire extinguisher, etc.)	☒	☐	☐		
Are flammables storage signs in place and legible?	☒	☐	☐		
Is caution tape in tact around the IDW storage area?	☐	☐	☒		
Containment	**Yes**	**No**	**NA**		**Comments**
Are all flammables stored in the appropriate cabinet?	☒	☐	☐		
Are the refridgerator, freezer, and flammable liquid storage areas free of leaks or spillage?	☐	☐	☐		
Are the portable restroom exteriors free of leaks or spillage?	☐	☐	☐		
Are the EA vehicles and compressors free of leaks or spillage?	☐	☐	☐		
Cleanliness	**Yes**	**No**	**NA**		**Comments**
Is the yard free of trash?	☐	☐	☐		
Is the yard free of weeds?	☐	☐	☐		
Is all equipment clear of the yard and put away?	☐	☐	☐		
Are all 55 gallon drums stacked properly on pallets in the IDW yard?	☐	☐	☐		
Are all IDW yard signs in place and upright?	☐	☐	☐		
Functionality	**Yes**	**No**	**NA**		**Comments**
Is the yard free of obstructions or safty hazards? (slip, trip, fall, etc.)	☐	☐	☐		
Is the gravel driveway intact for vehicle access?	☐	☐	☐		
Is the enclosed fence upright and intact?	☐	☐	☐		
Are all locks smooth and functional? (trailer, refrigerator, etc.)	☐	☐	☐		

Weekly Visual Inspection - IDW BFF Project					
Inspected by	Pete Ferrara				
Date	3-5-2021				
Safety Information	**Yes**	**No**	**NA**	**Corrective Action Taken**	**Comments**
Is emergency contact information in place and up to date?	☑	☐	☐		
Are signs present for emergency safety equipment? (eyewash, fire extinguisher, etc.)	☑	☐	☐		
Are flammables storage signs in place and legible?	☑	☐	☐		
Is caution tape in tact around the IDW storage area?	☐	☐	☑		
Containment	**Yes**	**No**	**NA**		**Comments**
Are all flammables stored in the appropriate cabinet?	☑	☐	☐		
Are the refridgerator, freezer, and flammable liquid storage areas free of leaks or spillage?	☑	☐	☐		
Are the portable restroom exteriors free of leaks or spillage?	☑	☐	☐		
Are the EA vehicles and compressors free of leaks or spillage?	☑	☐	☐		
Cleanliness	**Yes**	**No**	**NA**		**Comments**
Is the yard free of trash?	☑	☐	☐		
Is the yard free of weeds?	☐	☑	☐		
Is all equipment clear of the yard and put away?	☑	☐	☐		
Are all 55 gallon drums stacked properly on pallets in the IDW yard?	☑	☐	☐		
Are all IDW yard signs in place and upright?	☑	☐	☐		
Functionality	**Yes**	**No**	**NA**		**Comments**
Is the yard free of obstructions or safety hazards? (slip, trip, fall, etc.)	☑	☐	☐		
Is the gravel driveway intact for vehicle access?	☑	☐	☐		
Is the enclosed fence upright and intact?	☐	☐	☐		
Are all tools smooth and functional? (mixer, regulator, etc.)	☑	☐	☐		

Weekly Yard Inspection - IDW BFF Project					
Inspected by:	Pete Ferran				
Date:	3-10-21				
Safety Information	**Yes**	**No**	**NA**	**Corrective Action Taken**	**Comments**
Is emergency contact information in place and up to date?	☑	☐	☐		
Are signs present for emergency safety equipment? (eyewash, fire extinguisher, etc.)	☑	☐	☐		
Are flammables storage signs in place and legible?	☑	☐	☐		
Is caution tape in tact around the IDW storage area?	☐	☐	☑		
Containment	**Yes**	**No**	**NA**		**Comments**
Are all flammables stored in the appropriate cabinet?	☑	☐	☐		
Are the cuttings saw, heater, and flammable liquid storage areas free of leaks or spillage?	☑	☐	☐		
Are the portable restroom areas free of leaks or spillage?	☑	☐	☐		
Are the GA vehicles and compressors free of leaks or spillage?	☑	☐	☐		
Cleanliness	**Yes**	**No**	**NA**		**Comments**
Is the yard free of trash?	☑	☐	☐		
Is the yard free of weeds?	☐	☑	☐		old dead Tumbleweeds
Is all equipment clear of the yard and put away?	☑	☐	☐		
Are all 55 gallon drums stacked properly on pallets in the IDW yard?	☐	☑	☐		
Are all IDW yard signs in place and upright?	☐	☑	☐		
Functionality	**Yes**	**No**	**NA**		**Comments**
Is the yard free of obstructions or safety hazards? (slip, trip, fall, etc.)	☑	☐	☐		
Is the gravel driveway intact for vehicle access?	☑	☐	☐		
Is the enclosed fence upright and intact?	☑	☐	☐		
Are all locks smooth and functional? (trailer, refrigerator, etc.)	☑	☐	☐		

Weekly Yard Inspection - Bldg 667 Project

Inspected by	Pete Ferrari				
Date	3-19-2021				
Safety Information	**Yes**	**No**	**NA**	**Corrective Action Taken**	**Comments**
Is emergency contact information in place and up to date?	☐	☑	☐		Need to be updated again
Are signs present for emergency safety equipment? (eyewash, fire extinguisher, etc.)	☑	☐	☐		
Are flammables storage signs in place and legible?	☑	☐	☐		
Is caution tape in tact around the IDW storage area? (PP N/A)	☐	☐	☑		
Containment	**Yes**	**No**	**NA**		**Comments**
Are all flammables stored in the appropriate cabinet?	☑	☐	☐		
Are the refridgerator, freezer, and flammable liquid storage areas free of leaks or spillage?	☑	☐	☐		
Are the portable restroom exteriors free of leaks or spillage?	☐	☑	☐		
Are the SA vehicles and compressors free of leaks or spillage?	☑	☐	☐		
Cleanliness	**Yes**	**No**	**NA**		**Comments**
Is the yard free of trash?	☑	☐	☐		
Is the yard free of weeds?	☐	☑	☐		Dead Tumbleweeds
Is all equipment clean of the yard and put away?	☑	☐	☐		
Are all 55 gallon drums stacked properly on pallets in the IDW yard?	☑	☐	☐		
Are all IDW yard signs in place and upright?	☑	☐	☐		
Functionality	**Yes**	**No**	**NA**		**Comments**
Is the yard free of obstructions or safty hazards? (slip, trip, fall, etc.)	☑	☐	☐		
Is the gravel driveway intact for vehicle access?	☑	☐	☐		
Is the enclosed fence upright and intact?	☑	☐	☐		
Are all locks smooth and functional? (trailer, refrigerator, etc.)	☐	☐	☐		

Weekly Yard Inspection - IDW BFF Project					
Inspected by:	Pete Farran				
Date:	3-26-2021				
Safety Information	**Yes**	**No**	**NA**	**Corrective Action Taken**	**Comments**
Is emergency contact information in place and up to date?	☑	☐	☐		
Are signs present for emergency safety equipment? (eyewash, fire extinguisher, etc.)	☑	☐	☐		
Are flammables storage signs in place and legible?	☑	☐	☐		
Is caution tape in tact around the IDW storage area?	☑	☐	☐		
Containment	**Yes**	**No**	**NA**		**Comments**
Are all flammables stored in the appropriate cabinet?	☑	☐	☐		
Are the cabinet racks, freezer, and flammable liquid storage areas free of leaks or spillage?	☑	☐	☐		
Are the portable restroom cabins free of leaks or spillage?	☑	☐	☐		
Are the SA vehicles and compressors free of leaks or spillage?	☑	☐	☐		
Cleanliness	**Yes**	**No**	**NA**		**Comments**
Is the yard free of trash?	☑	☐	☐		
Is the yard free of weeds?	☐	☑	☐		Dead tumbleweeds
Is all equipment clean of the yard and put away?	☑	☐	☐		
Are all 55 gallon drums stacked properly on pallets in the IDW yard?	☑	☐	☐		
Are all IDW yard signs in place and upright?	☑	☐	☐		
Functionality	**Yes**	**No**	**NA**		**Comments**
Is the yard free of obstructions or safety hazards? (slip, trip, fall, etc.)	☑	☐	☐		
Is the gravel driveway intact for vehicle access?	☑	☐	☐		
Is the enclosed fence upright and intact?	☑	☐	☐		
Are all locks smooth and functional? (trailer, refrigerator, etc.)	☐	☐	☐		

Weekly Fuel Inspection - Bldg 887 FFP Project

Inspected by	Pete Ferrari
Date	4-2-2021

Safety Information	Yes	No	NA	Corrective Action Taken	Comments
Is emergency contact information in place and up to date?	☑	☐	☐		
Are signs present for emergency safety equipment? (eyewash, fire extinguisher, etc.)	☐	☑	☐		
Are flammables storage signs in place and legible?	☑	☐	☐		
Is caution tape in tact around the HW storage area?	☐	☐	☑		

Containment	Yes	No	NA	Corrective Action Taken	Comments
Are all flammables stored in the appropriate cabinet?	☑	☐	☐		
Are the refridgerator, freezer, and flammable liquid storage areas free of leaks or spillage?	☐	☐	☐		
Are the portable restroom shelters free of leaks or spillage?	☐	☐	☐		
Are the SA vehicles and compressors free of leaks or spillage?	☐	☐	☐		

Cleanliness	Yes	No	NA	Corrective Action Taken	Comments
Is the yard free of trash?	☑	☐	☐		
Is the yard free of weeds?	☐	☑	☐		Dead tumble weeds
Is all equipment clear of the yard and put away?	☑	☐	☐		
Are all 55 gallon drums stacked properly on pallets in the HW yard?	☑	☐	☐		
Are all HW yard signs in place and upright?	☐	☑	☐		

Functionality	Yes	No	NA	Corrective Action Taken	Comments
Is the yard free of obstructions or safty hazards? (slip, trip, fall, etc.)	☑	☐	☐		
Is the gravel driveway intact for vehicle access?	☑	☐	☐		
Is the enclosed fence upright and intact?	☑	☐	☐		
Are all locks smooth and functional? (trailer, refrigerator, etc.)	☑	☐	☐		

Extraction Well Filter Pack Tagging Table

Filter Pack Tagging						
Well		**KAFB-106228**	**KAFB-106233**	**KAFB-106234**	**KAFB-106239**	**Notes**
January	Date/Time	01/27/2021 0938	01/27/2021 1041	01/27/2021 1105	01/27/2021 1000	
	WL Depth (ft)	466.78	439.63	457.55	469.14	
	Filter Pack Depth (ft)	418.88	419.67	429.55	431.90	
February	Date/Time	2/23/2021 0831	2/23/2021 0941	2/23/2021 1005	2/23/2021 0801	KAFB-106239 was offline during February 2021 Tagging event
	WL Depth (ft)	466.36	444.48	456.58	457.25	
	Filter Pack Depth (ft)	419.25	420.30	428.55	432.30	
March	Date/Time	3/10/2021 0823	3/10/2021 0930	3/10/2021 1000	03/10/2021 0900	
	WL Depth (ft)	465.81	444.16	459.25	467.80	
	Filter Pack Depth (ft)	418.72	419.72	430.61	431.95	
April	Date/Time					
	WL Depth (ft)					
	Filter Pack Depth (ft)					
May	Date/Time					
	WL Depth (ft)					
	Filter Pack Depth (ft)					
June	Date/Time					
	WL Depth (ft)					
	Filter Pack Depth (ft)					
July	Date/Time					
	WL Depth (ft)					
	Filter Pack Depth (ft)					
August	Date/Time					
	WL Depth (ft)					
	Filter Pack Depth (ft)					
September	Date/Time					
	WL Depth (ft)					
	Filter Pack Depth (ft)					
October	Date/Time					
	WL Depth (ft)					
	Filter Pack Depth (ft)					
November	Date/Time					
	WL Depth (ft)					
	Filter Pack Depth (ft)					
December	Date/Time					
	WL Depth (ft)					
	Filter Pack Depth (ft)					

bgs = below ground surface
ft = feet
NM = not measured

Filter pack tagging tool reference points

Bottom of Silver mark (ft) = 429
Red mark (ft) = 429.62
Yellow mark (ft) = 429.28

Filter pack depth measurements are now made with Solinst Tag Line 351978

SHUTDOWN LOGS

Kirtland AFB GWTS System Shutdown Log

Date of shutdown	Time of shutdown	Date of restart	Time of restart	Was system completely shut down?	If No, which equipment was shut down?	Reason for shutdown	Name
12-24-20	0812	12-24-20	1119	YES ☑ NO ☐	Plant Maintenance	slime build-up in well 239	PF
12-28-20	8:42	12-28-20	0844	YES ☑ NO ☐	Train 1 497.0103 Well 7 57,130,000 Train 2 404.1808 IN2 0.1798	change to GCMP	PF
12-28-20	1410	12-28-20	1411	YES ☑ NO ☐	T1 497.1184 Well 7 57 130 000 T2 404.2460 IN2 0.799	change to Well 7	PF
12-31-20	0710	12-31-20	0711	YES ☑ NO ☐	T1 498.4179 Well 7 59,360,000 T2 405.0624 IN 2 0.799	change to GCMP	PF
12/31/20	1629	12/31/20	1631	YES ☑ NO ☐	T1 498.6055 Well 7 59,360 000 T2 405.1787 IN2 0.799	change to Well 7	PF
1/4/21	0802	1/4/21	0804	YES ☑ NO ☐	T1 500.3544 Well 7 62370,000 T2 406.2705 IN2 0.799	change to GCMP	PF
1/4/21	1456	1/4/21	1158	YES ☑ NO ☐	T1 500.4297 Well 7 62,370,000 T2 406.3204 IN2 0.799	change to Well 7	PF
1/7/21	0743	1/7/21	1203	YES ☐ NO ☑	228, 239	Clean T2 inf tank	JRL
1/7/21	0746	1/7/21	1203	YES ☐ NO ☑	233, 234	" "	JRL
1/8/21	1127	1/8/21	1256	YES ☑ NO ☐		UPS inspections across site	PF
1/8/21	1528	1119	1/11/21	YES ☐ NO ☑	233 ONLY	Manage Well 7 level	PF
1/11/21	0758	1119	1/11/21	YES ☑ NO ☐	Power Outage (Planned) for change over valves	Install kwH meter at change over valves	PF
1/12/21	1203	1/12/21	1250	YES ☑ NO ☐		Gauge Well 7	PF
1/14/21	1207	1/14/21	1153	YES ☐ NO ☑	233 234 OFF	T1 Oil Changes	PF
1/14/21	~~1153~~ 1154	1/14/21	1250	Y N ☑	228 239	T2 Oil Change	PF

Pond 3.12 NM1 4.20

Kirtland AFB GWTS System Shutdown Log

Date of shutdown	Time of shutdown	Date of restart	Time of restart	Was system completely shut down?	If No, which equipment was shut down?	Reason for shutdown	Name
1-15-21	1450	1-18-21	0738	YES ☐ NO ☑	233	~~Manage~~ Manage level in well 7	PF
1-18-21	0918	1-18-21	0922	YES ☑ NO ☐	T1 505.6491 Well 7 72,170,000 T2 410.3442 IN2 0.799	change to GCMP	PF
1-18-21	2029	1-18-21	2030	YES ☑ NO ☐	T1 505.8711 Well 7 72,170,000 T2 410.4802 IN2 0.799	change to Well 7	PF
1-19-21	0934	1-19-21	0936	YES ☑ NO ☐	T1 506.1344 Well 7 72170000 T2 410.6431 IN2	change to GCMP	PF
1-19-21	~~0859~~ 2059	1-19-21	~~0901~~ 2101	YES ☑ NO ☐	T1 506.3603 Well 7 T2 410.7839 IN2 0.799	change to Well 7	PF
1-20-21	0847	1-20-21	0848	YES ☑ NO ☐	T1 506.5970 Well 7 T2 410.9319 IN2	change to GCMP	PF
1-20-21	1516	1-20-21	1518	YES ☑ NO ☐	T1 506.7233 Well 7 73020,000 T2 411.0095 IN2 0.1807	change to Well 7	PF
1-20-21	1950			YES ☐ NO ☑	228 239	TK 216 low level at 5.3'	PF
1-21-21		1-21-21	0801	YES ☐ NO ☑	228 239 on	Bad EFF2 tank transducer, route 228, 234, 239 through T1	↓
1-21-21	0801	1-21-21		YES ☐ NO ☑	233 OFF		↓
1-22-21	1145	1-22-21	1147	YES ☑ NO ☐	228, 234, 239 T1 ONLY	change to GCMP	PF
1-23-21	0738	1-23-21	0740	YES ☑ NO ☐	228 234 239	change to Well 7	PF
—	—	—	— ↓	YES ☑ NO ☐	T1 508.1497 T2 411.0689 IN2 0.1807	↓	↓
1-25-21	1234	1-25-21	1236	YES ☑ NO ☐	T1 509.3577 Well 7 75,99 000 T2 411.0689 IN2 0.1807	change to GCMP	PF

Kirtland AFB GWTS System Shutdown Log

Date of shutdown	Time of shutdown	Date of restart	Time of restart	Was system completely shut down?	If No, which equipment was shut down?	Reason for shutdown (Run time ↓)	Name
1-25-21	1417	1-25-21	1418	YES ☑ NO ☐	T1 509.3924 Well 7 75390,000 T2 411.0689 IN2 0.1807	change to Well 7	PF
1-29-21	0838	1-29-21	0907	YES ☑ NO ☐	Test to see if valve closes in auto, or manual for pump	Test Discharge Valve FCV-3120	PF
1-29-21	1537	1-29-21	1740	YES ☑ NO ☐	T1 511.6045 Well 7 77,740,000 T2 411.0689 IN2 0.1807	change to GCMP Pump IN2	PF
~~1-29-21~~ 1-30-21	0753	1-30-21	1648	YES ☑ NO ☐	T1 511.9291 Well 7 78080,000 T2 411.0689 IN2 0.1807	11 Pump to pond	PF
1-31-21	0638	1-31-21	1747	YES ☑ NO ☐	T1 512.2413 Well 7 T2 411.0689	GCMP for IN2	JM
2-1-21	0721	2-1-21	1710	YES ☑ NO ☐	T1 512.5522 Well 7 7840,000 T2 411.0689 IN2	Shut down time for IN2 Test	PF
2-2-21	0711	2-2-21	1720	YES ☑ NO ☐	T1 512.8697 Well 7 78740,000 T2 411.0689 IN2	shut down time for IN2 Test	PF
↓	↓	↓	↓	YES ☐ NO ☐	Run 228, 233, 234, 239	Run to Pond	PF
2-2-21	2124 ~~0924~~ PF	2-2-21	2126 ~~0926~~ PF	YES ☐ NO ☐	T1 512.9501 Well 7 78740.000 T2 411.1179 513.1446 IN2	change to Well 7	PF
2-3-21	0724	2-3-21	1124	YES ☑ NO ☐	~~T1 411.0692~~ Well 7 79080 000 T2 411.2368 IN2	Pump IN2 to Pond Pump system to GCMP	PF
2-3-21	1922	2-3-21	1924	YES ☑ NO ☐	T1 513.3113 Well 7 79080 000 T2 411.3384 IN2	change to Well 7	PF
2-6-21	2122 ~~0922~~ PF	2-6-21	2124 ~~0~~ PF	YES ☑ NO ☐	~~T1 514.7825 Well 7~~ T2 412.2550 IN2	change to GCMP	PF
2-7-21	0831	2-7-21	0833	YES ☐ NO ☐	T1 515.0105 T2 ~~412.3388~~ 412.3929	change to Well 7	PF
2-8-21	1728	2-8-21	1730	YES ☑ NO ☐	T1 515.6667 ~~Well 7 82 740,000~~ T2 412.7983 IN2	change to GCMP	PF

Kirtland AFB GWTS System Shutdown Log

Date of shutdown	Time of shutdown	Date of restart	Time of restart	Was system completely shut down?	If No, which equipment was shut down?	Reason for shutdown	Name
2-9-21	1309	2-9-21	1311	YES ☑ NO ☐	TI 516,0591 Well 7 82740,000 T2 413,0424 IN2	change to Well 7	PF
2-10-21 ~~2-10-21~~	0655	2-10-21	0657	YES ☑ NO ☐	TI 516,4124 Well 7 83350 000 T2 413,2626 IN2	change to GCMP	PF
2-10-21	1534	2-10-21	1741	YES ☑ NO ☐	→ to GCMP ~~overnight~~	Develop IN2	PF
~~2-11-21~~		~~2-11-21~~		YES ☑ NO ☐			~~PF~~
2-10-21	0849	2-10-21	0851	YES ☑ NO ☐	TI 516.6502 Well 7 83350 000 T2 413,4088 IN2	change to Well 7	PF
2-11-21	0654	2-11-21	1723	YES ☑ NO ☐	TI 516,8478 T2 413,5338 continue to →	Develope IN2 change to Well 7	PF
2-12-21	0659	2-12-21	1615	YES ☑ NO ☐	TI 517,1199 Well 7 84140,000 T2 413,6984 continue to	Develop IN2 Well 7	PF
2-13-21	0708	2-13-21	1523	YES ☑ NO ☐	TI 517,4225 Well 7 84650,000 T2 413,8809	Dev. IN2 change to GCMP	PF
2-13-21	2329	2-13-21	2333	YES ☑ NO ☐	TI 517,5846 T2 413,9813	change to Well 7	PF
2-15-21	0949	2-15-21	1442	YES ☑ NO ☐	TI 518,2683 T2 414,4049	Develope IN2 To Well 7	PF
2-17-21	0826	2-17-21	1652	YES ☑ NO ☐	TI 519,1084 ~~239,233,234~~ PF T2 414,9216 (at restart)	Develope IN2 To Well 7	PF
↓	↓	~~2-17-21~~	↓	YES ☐ NO ☐	All wells on, both trains to	well 7	
2-18-21	0946	2-18-21	1650	YES ☑ NO ☐	TI 519,4446 T2 415,1287	Develope IN2 to Well 7	PF
2-19-21	0755	2-19-21	0949	YES ☑ NO ☐	TI 519,7448 T2 415,3133 0,1930 Inject	Develope IN2 to IN2	

Kirtland AFB GWTS System Shutdown Log

Date of shutdown	Time of shutdown	Date of restart	Time of restart	Was system completely shut down?	If No, which equipment was shut down?	Reason for shutdown	Name
2-19-21	1413	2-19-21	1424	YES ☑ NO ☐	TI 519.8354 Well 7 88220 000 T2 415.3704 IN2 0.3382	change to Well 7	PF
2-20-21	0724	2-2021	1133	YES ☑ NO ☐	TI 520.1746 Well 7 T2 415.5760 IN2 0.3382	Pump Cl. water to pond	PF
↓	↓	↓	↓	YES ☐ NO ☐	↓	conditions to Well 7	↓
2-24-21	0707	0711		YES ☑ NO ☐	TI 522.0090 Well 7 91,730 000 T2 416.5088 IN2 0.3382	Change over to GCMP	TC
2-24-21	0718	2/24/21	1607	YES ☐ NO ☑		239 disinfect, new pump	TC
2/24/21	1612	2/24/21	1651	YES ☐ NO ☑	228	To run 239 Through	JRL
2/24/21	1743	2/24/21	1758	YES ☑ NO ☐	TI 522.2185 Well 7 9173 e4 T2 416.5930	change to Well 7	PF
↓			↓	YES ☐ NO ☐	228 234 233	(239 off)	↓
		2/25/21	0717	YES ☐ NO ☑	239		JRL
2/26/21	1555	2/26/21	1644	YES ☑ NO ☐		Test Pump IN2	PF
			~~1755~~	YES ☐ NO ☐			
2/26/21	1747	2/26/21	1811	YES ☑ NO ☐	TI Strainers plugged	TK 110 High level	PF
↓	↓	↓	↓	YES ☐ NO ☐	~~234~~ 234 off overnight	↓	PF
—	—	2-27-21	1335	YES ☐ NO ☐	234 on	Gauge 234 for static level	PF

Kirtland AFB GWTS System Shutdown Log

Date of shutdown	Time of shutdown	Date of restart	Time of restart	Was system completely shut down?	If No, which equipment was shut down?	Reason for shutdown	Name
3-2-21	0921	3-3-21	1721	YES ☐ NO ☑	233 on (1721 – 1744) -3-3		
3-2-21	1055	3-2-21	1057	YES ☑ NO ☐	T1 524.7096 228, 234, 239 T2 418.2213	change to GCMP	PF
3-3-21	1744	3-3-21	1747	YES ☑ NO ☐	T1 525.3932 228, 234, 239 T2 418.2423 overnight	change to Well 7	PF
3-4-21	0738	3-4-21	0742	YES ☑ NO ☐	T1 525.7083 T2 418.2423 (233 back on) 742	change to GCMP	PF
3-4-21	2124 07	3-4-21	2128	YES ☑ NO ☐	T1 525.9789 T2 418.4145	change to Well 7	TC
3-5-21	0724	3-5-21	0726	YES ☑ NO ☐	T1 526.1755 T2 418.4145	change to GCMP	PF
3-5-21	1525	3/6	0939	YES ☐ NO ☑	233	manage pond level	PF
				YES ☐ NO ☐			
3-8-21	1030	3-8-21	1032	YES ☑ NO ☐	T1 527.6808 T2 419.1439	change to Well 7	PF
3-8-21	1030			YES ☐ NO ☑	233 OFF	↓	PF
3-9-21	0627	3-9-21	0630	YES ☑ NO ☐	T1 528.1311 T2 419.1439 (233 on)	change to GCMP	PF
3-10-21	1635	3-10-21	1638	YES ☑ NO ☐	T1 528.8082 228, 234, 239 T2 419.5697	change to Well 7	PF
3-10-21	1635	3-12-21	1245	YES ☐ NO ☐	233 OFF	↓	↓
3-12-21	1242	3-12-21	1245	YES ☑ NO ☐	T1 529.8048 Well 7 98200,000 T2 419.5697	change to GCMP	PF

Kirtland AFB GWTS System Shutdown Log

Date of shutdown	Time of shutdown	Date of restart	Time of restart	Was system completely shut down?	If No, which equipment was shut down?	Reason for shutdown	Name
3/16/21	1147	3/16/21	1151	YES ☐ NO ☐	Accidental Running carbon water through,	TK 110 High Level system	PF
3/16/21	1350	3/16/21	1352	YES ☐ NO ☐	T1 531.7234 ← 531.7234 T2 420.7787	change Well 7	TC
3/16/21	1531	3/16/21	1533	YES ☐ NO ☐	T1 531, 7561 T2 420.7977	change to GCMP	PF
3/17/21	1004	3/17/21	1006	YES ☐ NO ☐	T1 532, 1223 T2 421, 0329	change to Well 7	PF
3/17/21	1053	3/17/21	1055	YES ☐ NO ☐	T1 532, 1367 T2 421, 0390 IN2 0.3439	change to IN 2	TC
3/17/21	1059	3/17/21	1109	YES ☐ NO ☐	IN2 0.3443	continue to IN2	
3/17/21	1519	3/17/21	1533	YES ☐ NO ☐	T1 532, 2216 T2 421, 0933	change to Well 7	PF
3/17/21	1959	3/17/21	2001	YES ☐ NO ☐	T1 532, 3093 T2 421, 1472	change to GCMP	PF
3/18/21	0918	3/18/21	0922	YES ☐ NO ☐	~~continue to pump~~ PF	Programming for IN2	PF
↓	↓	↓	↓	YES ☐ NO ☐	T1 532.5743 T2 421.3133	change to Well 7	↓
3/18/21	0941	3/18/21	0941	YES ☐ NO ☐	T1 532.5787 T2 421.3169 IN2 0.4847	from well 7 To IN2	PR
3/18/21	0946	3/18/21	1000	YES ☐ NO ☐	No water pumped to IN2	Debug programming	PF
3/18/21	1004	—	—	YES ☐ NO ☐		same, high press, beski not opening	PF
—	—	3/18/21	1028	YES ☐ NO ☐	T1 532, 5787 Well 7 T2 431, 3169	well 7 to GCMP	PF

Kirtland AFB GWTS System Shutdown Log

Date of shutdown	Time of shutdown	Date of restart	Time of restart	Was system completely shut down?	If No, which equipment was shut down?	Reason for shutdown	Name
1504	3/18/21	1506	3/18/21	YES ☑ NO ☐	T1 532.6721 T2 421.3743	change to IN2	PF
3/18/21	1512	3/18/21	1524	YES ☑ NO ☐	High Discharge pressure	High pressure Downstream IN2	PF
3/18/21	1527	—	—	YES ☑ NO ☐	IN2 Discharge	High pressure	PF
—	—	3/18/21	1537	YES ☑ NO ☐	T1 532.6743 T2 421.3756	change to Well 7	PF
3/19/21	0754	3/19/21	0756	YES ☑ NO ☐	T1 533.0007 T2 421.5803 (233, 234)	change to Well IN2	PF
↓	↓	3/19/21	0819	YES ☑ NO ☐	↓ Well 7 98990,000 228, 239 on	↓	↓
3/22/21	~~0805~~ 0749 ~~2005~~	3/22/21	~~2010~~ ~~0810~~	YES ☐ NO ☑	228 Down 2005 to 2010	P 101 Failed Alarm	PF
3/23/21	0749	3/23/21	0753	YES ☑ NO ☐	T1 534.9043 T2 422.7693	Change to GCMP	PF
3/24/21	0330 ~~0351~~ ~~0541~~ PF	3/24/21	0545 ~~0548~~ PF	YES ☐ NO ☑	233, 234, 239	Power fluctuation	PF
3/24/21	0549	—	—	YES ☐ NO ☐		AC Power Fail	PF
—	—	3/24/21	0700	YES ☑ NO ☐	High winds, snow, rain	AC Power Fail	PF
3/24/21	1525	3/24/21	1527	YES ☑ NO ☐	T1 535.4656 T2 423.1390 Well 7 ~~98,990,000~~ IN2 3,5667	change to Well 7	PF
3/25/21	1512	3/25/21	1514	YES ☑ NO ☐	T1 535.9353 T2 423.4327 Well 7 9980,000 IN2 3,5667	change to GCMP	PF
3/25/21	2202	3/25/21	2206	YES ☑ NO ☐	T1 536.0709 T2 423.5195 Well 7 9980000 IN2 3,5667	change to IN 2	TC

Kirtland AFB GWTS System Shutdown Log

Date of shutdown	Time of shutdown	Date of restart	Time of restart	Was system completely shut down?	If No, which equipment was shut down?	Reason for shutdown	Name
3/27/21	~~1301~~ 0801	3/27/21	~~1304~~ 0804	YES ☑ NO ☐	T1 536.7443 T2 423.9423	change to GCMP	TC
3/28/21	2119	3/28/21	2122	YES ☑ NO ☐	T1 537.4815 T2 424.4070	change to IN2	TC
3/31/21	0723	3/31/21	0729	YES ☑ NO ☐	T1 538.6379 Well 7 T2 435.1316 IN2 6.5340	change to GCMP	PF
3/31/21	1312	3/31/21	1400	YES ☑ NO ☐		Test control Panel UPS's	PF
4/3/21	~~2033~~ ~~0733~~	4/3/21	2037 ~~0937~~ PF	YES ☑ NO ☐	T1 540.3176 Well 7 T2 426.1802 IN2 6.5340	change to IN2	TC
4/5/21	0733	4/5/21	0736	YES ☑ NO ☐	T1 541.0074 T2 426.6160 IN2	change to GCMP	PF
4/8/21	1343	4/8/21	1418	YES ☐ NO ☑	239 ONLY HW Fault	OVER CURRENT Code 12	PF
4/8/21	0920	4/8/21	0931	YES ☑ NO ☐	T1 542.7070 Well 7 99,800,000 T2 427.6781 IN2 ~~8.4675~~	change to IN2	PF
4/9/21	2133	4/9/21	2140	YES ☑ NO ☐	T1 543.1864 Well 7 99,800,000 T2 427.9766 IN2 8.4645	change to GCMP	PF
4/12/21	1450	4/12/21	1454	YES ☑ NO ☐	T1 544.4785 Well 7 99800 000 T2 428.7836 IN2 8.4645	change to Well 7	PF
4/13/21	1143 ~~1301~~ PF	4/13/21	1309	YES ☑ NO ☐		Test UPS's across site	PF
4/13/21	1809	4/13/21	1811	YES ☑ NO ☐	T1 544.9900 Well 7 1006 e5 T2 429.1032	change to GCMP	PF
4/14/21	1346	4/14/21	~~1358~~ ~~1548~~ 1558	YES ☑ NO ☐	T1 545.3761 T2 429.3442	Change to Well 2 IN2	~~TC~~
4/15/21	0819	4/15/21	0929 ~~02~~ PF	YES ☐ NO ☑	228, 239 P212A P212B P218	oil changes	PF

ANALYTICAL INFORMATION ON GAC CONFIRMATION SMAPLES

Table G-1-5 Groundwater Treatment System Analytical Data on GAC Confirmation Samples

			1,2-Dibromoethane		
			Method SW8011 (µg/L)		
Well Location ID	**Field Sample ID**	**Sample Date**	**Result**	**Val Qual**	**LOD**
GWTS-BFF-GAC1	GWTS-GAC1-011221	1/12/2021	ND	U	0.019
GWTS-BFF-GAC1	GWTS-GAC1-A1-011221	1/12/2021	ND	U	0.019
GWTS-BFF-GAC1	GWTS-GAC1-A2-011221	1/12/2021	ND	U	0.019
GWTS-BFF-GAC1	GWTS-GAC1-A3-011221	1/12/2021	ND	U	0.019
GWTS-BFF-GAC1	GWTS-GAC1-B1-011221	1/12/2021	ND	U	0.019
GWTS-BFF-GAC1	GWTS-GAC1-B2-011221	1/12/2021	ND	U	0.019
GWTS-BFF-GAC1	GWTS-GAC1-B3-011221	1/12/2021	ND	U	0.019
GWTS-BFF-GAC2	GWTS-GAC2-011221	1/12/2021	ND	UJ	0.019
GWTS-BFF-GAC2	GWTS-GAC2-A1-011221	1/12/2021	0.0097	J	0.019
GWTS-BFF-GAC2	GWTS-GAC2-A2-011221	1/12/2021	ND	U	0.019
GWTS-BFF-GAC2	GWTS-GAC2-A3-011221	1/12/2021	ND	U	0.019
GWTS-BFF-GAC2	GWTS-GAC2-B1-011221	1/12/2021	0.011	J	0.019
GWTS-BFF-GAC2	GWTS-GAC2-B2-011221	1/12/2021	0.01	J	0.019
GWTS-BFF-GAC2	GWTS-GAC2-B3-011221	1/12/2021	0.01	J	0.019

NMAC NMWQCC[a]	0.1
EPA MCL[b]	0.05
EPA RSL[c]	0.075
Project Screening Level[d]	0.05

[a] NMWQCC numeric standards per the New Mexico Administrative Code Title 20.6.2.3101A, Standards for Groundwater of 10,000 mg/L Total Dissolved Solids Concentration or Less (NMAC, 2018).

[b] EPA National Primary Drinking Water Regulations, MCLs and Secondary MCLs, Title 40CFR Part 141, 143 (May 2018).

[c] EPA Region 6 RSL for Tapwater (November 2020) for hazard index = 1.0 for noncarcinogens and a 10-5 cancer risk level for carcinogens.

[d] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NMWQCC numeric standard or (2) EPA MCL. If no NMQWCC numeric standard or MCL exists for any analyte, then the project screening level will be the EPA RSL.

µg/L = microgram per liter
AFB = Air Force Base
EPA = U.S. Environmental Protection Agency
ID = identification
LOD = limit of detection
MCL = maximum contaminant level
ND = nondetect
NMAC = New Mexico Administrative Code
NMWQCC = New Mexico Water Quality Control Commission
Q1 = first quarter
RSL = regional screening level
Val Qual = validation qualifier
Shading = detected concentrations above the detection limit
Bold/Shading = reported concentrations exceed the project screening level
Val Quals based on independent data validation:
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected above the detection limit. The value associated with the U-qualifier is the LOD.

SAMPLING RESULTS FROM WELL DISINFECTION

Table G-1-6 KAFB-106239 Disinfection Table

	Well Location ID:	KAFB-106239			KAFB-106239			KAFB-106239		
	Field Sample ID:	GW239-211-PreDis			IN2-211-PostDis			GW239-211-PostDis		
	Sample Date:	2/22/2021			2/22/2021			3/1/2021		
	Sample Type:	REG			REG			REG		
Analytical Method	**Analyte**	**Project Screening Level[a]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Method E300.1 (µg/L)	Bromate	10	ND	UJ	10	ND	UJ	10	ND	U	10
	Chlorite	1,000	ND	UJ	20	ND	UJ	20	ND	U	20
Method E331.0 (µg/L)	Perchlorate	15	0.17	J	0.1	0.51	J	0.1	0.15	--	0.1

[a] Screening Value based on EPA Safe Drinking Water Act Maximum Contaminant Level for chlorite and bromate (May 2018); and NMED tapwater non-cancer screening value for perchlorate (2018).

µg/L = microgram per liter
AFB = Air Force Base
BFF = Bulk Fuels Facility
EPA = U.S. Environmental Protection Agency
ID = identification
KAFB = Kirtland Air Force Base
MCL = maximum contaminant level
ND = not detected
NMED= New Mexico Environment Department
REG = normal field sample
RL = Reporting limit
Val Qual = validation qualifier
Shading = detected concentrations above the detection limit
Bold/Shading = reported concentrations exceed the project screening level
Val Quals based on independent data validation
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected above the detection limit. The value associated with the U-qualifier is the reporting limit.
-- = Validation qualifier not assigned.

GAC CHANGEOUT DOCUMENTATION

TIGG 5DC 1240 NSF

Virgin Liquid Phase Coconut Based Activated Carbon

www.TIGG.com

DESCRIPTION

TIGG 5DC 1240 NFS is a coconut-based activated carbon specially designed to remove low concentrations of contaminants in potable water applications. This activated carbon combines high microporosity and high surface area to permit effective removal of THM's, chlorinated hydrocarbons and other contaminants.

TYPICAL PROPERTIES	TIGG 5DC 1240 NSF
U.S Sieve, 90 wt% min	12 x 40
Iodine Number, mg/g, min	1100
Apparent Density, (dense packing)	
g/cc	0.48 - 0.50
lbs/ft^3	29 - 31
Abrasion No. - min	85
Total Surface Area, m2/g	1150-1200
Ash (ASTM-2866), % w/w	3.0

TYPICAL APPLICATIONS

In TIGG liquid phase potable water treatment equipment, TIGG 5DC 1240 NSF will effectively remove organics listed above as well as chlorine, phenols, pesticides, , taste & odor, etc. TIGG 5DC 1240 NSF meets AWWA Standard B-600-74, ANSI/NSF Standard 61 for drinking water applications.

Standard packaging of the activated carbon is in 1100 pound supersacks or bulk trailers.

Wet drained activated carbon adsorbs oxygen from the air. Therefore, when workers need to enter a vessel containing wet activated carbon, they should follow confined space/low oxygen level procedures. Activated carbon dust does not present an explosion hazard.

800-925-0011
www.TIGG.com
www.TIGGtanks.com

TIGG, LLC
1 Willow Avenue
Oakdale, PA 15071

Purifying Air & Water

TIGG™
Subsidiary of Spencer Turbine

Purifying Air & Water

GUARANTEE OF PERFORMANCE OF 12x30 MESH VIRGIN COCONUT CARBON VERSUS THE 12x40 MESH VIRGIN COCONUT CARBON

TIGG will guarantee that the 12X30 mesh Granular Activated Carbon will perform equally to 12X40 mesh GAC in removing organic contaminants, as measured by loading capacity of the contaminant on to carbon and the efficiency of removal, proportional to the operational parameters such as: superficial velocity, empty bed contact time, and concentration of contaminants in the influent remain to not change.

The particle size distribution of the 12X30 GAC falls within the limits of the 12X40 GAC.

Doug Conley
General Manager
6/11/19

800-925-0011
724-703-3020
www.TIGG.com

TIGG LLC
1 Willow Avenue
Oakdale, PA 15071

Manufacturing
Steel Tanks & Pressure Vessels

Non-Hazardous Waste Manifest

Generator Name, mailing address, and Phone Number	Kirtland Air Force Base 2050 Wyoming Blvd. SE BLDG 20685 Environmental Restoration, Kirtland Air Force Base, NM 87117	Transporter And Phone Number	Carbon Activated Corporation 2545 W. Holly Street Phoenix, AZ 85009 623/606-5712
Generator Facility Address and Contact	Kirtland Air Force Base 1601 Walker Street Albuquerque, NM 87116 Tyler Curley: 719/688-9558	*Designated Facility Name, Address, and Phone Number*	CARBON ACTIVATED CORP. 250 EAST MANVILLE STREET COMPTON, CA 90220 (310)885-4555
		EPA ID Number	CAR000149104

Date Picked Up	3/2/21	Truck No.	BT-1	Tanker No.	PT-9

Description	Type	Gross Weight
Non Hazardous Spent Filter Media NON-Haz / Class 70	1 - TT	20,000Lbs. (Dry Weight)

Additional Description for Materials Listed Above	Handling Codes for Waste Listed Above
Profile # 06052019AZ-0 SA# 5764	None

Generator's Certification: I certify the materials described above on this manifest are not subject to Federal Regulations for reporting proper disposal of Hazardous Waste.

Generator:	Print Name:	Ryan Wortman, Kirtland ISS
	Signature:	
	Date:	3/2/2021
Transporter Acknowledgment of Receipt of Materials	Print Name:	Abdiel Espinoza
	Signature:	
	Date:	3-2-21

Discrepancy Indication Space:

DAILY FIELD ACTIVITIES SUMMARY REPORT		
PROJECT NAME: GWTS Train 1 Lead GAC Changeout		
Date: 03-02-2021	Time Shift Beginning: 0730	Time Shift Ending:1615
Project Number: 6360401		Contract/Task Order No.:
Client: USACE		Report By: Tyler Curley
Contractor(s): Carbon Activated (3rd party)		Project Manager: Bernie Bockisch
Design Manager:		Oversight Manager: Tyler Curley
Design Engineer:		Site Engineer: Tyler Curley
Weather: Clear 60° F		Logbook Number: NA
Personnel Onsite:	**Name:**	**Reason for Being Onsite:**
EA	Tyler Curley Pete Ferrari Josh Livingston	Site Manager Safety Oversight
USACE	Santiago Gallegos	Site Inspection
Carbon Activated	Abi Espinosa	Carbon Delivery
Rupert Plumbing	Elias Gallegos Mike Clifton	Plumbing Contractor

Work Performed:

Planned Activities:

- GAC changeout in Train 2 Tank B

Completed Activities:

- GAC changeout in Train 2 Tank B

Material Deliveries:

- Virgin coconut shell carbon, 12x30 mesh, 20,000 lbs.

Construction Quality Control Activities or Samples Collected:

- Material Inspection

Observations or Possible Variations from Specifications:
Carbon was 12x30 mesh and meets the "Guarantee of Performance" provided by TIGG on 6-11-19.

Issues Observed:
None

Resolution of Issue:
NA

Anticipated Activities for the Following Day:

Planned Activities:

- Backwashing of GAC vessel

Planned Material Deliveries:

- None

Contractor Reports, Manifests, Documents Reviewed and Logged:

None	
Report Completed By:	
Tyler Curley	Date: 02 March 2021

Location: GWTS
Description: Slurry Truck
Date: 02 March 2021 Direction: West

Address: Train 2 Tank B GAC Vessel
Description: Used GAC slurry removal
Date: 02 March 2021 Direction: Down

Address: Train 2 Tank B GAC Vessel
Description: Fresh GAC slurry flowing from slurry truck
Date: 02 March 2021 Direction: Down

Address: Train 2 Tank B GAC Vessel
Description: Compressed air lines attached to pressurize and assist used GAC slurry removal
Date: 02 March 2021 Direction: West

KAFB GWTS Train 2 Tank B GAC Exchange	
Date:	3/2/2021
Time:	Description
7:30	Josh Livingston, Tyler Curley, and Pete Ferrari onsite. Prep for GAC exchange.
8:00	Health and safety briefing.
9:21	Shutdown Train 2 to prep for GAC exchange.
9:30	Santiago Gallegos (USACE) onsite.
10:30	Carbon Activated on site. Health and safety briefing. Review carbon cut sheets against specifications.
11:10	Flood new carbon with plant effluent water to hydrate carbon.
11:24	Start slurry removal of used carbon from Train 2 Tank B.
11:55	Complete removal of used carbon.
12:00	Open the top hatch of the vessel to confirm that the carbon was removed. Upon inspection, carbon was observed to be piled up along the side walls and on top of the lower distributor. The remaining carbon was rinsed off with the fire hose.
13:15	Complete the rinsing of the tank. USACE agreed that the carbon was removed to the extent possible.
13:50	Add water cushion to the GAC vessel. Water level was placed between the lower and middle sample port on the GAC vessel and was confirmed through the top hatch.
13:55	Begin transfer of new carbon into the vessel. Began draining the water cushion from the vessel as soon as carbon transfer began as described in the operator's manual.
14:25	Complete transfer of 10,000 lbs of GAC to the vessel. Reinstall top hatch.
14:30	Start transfer of remaining GAC into the GAC vessel.
14:55	Complete GAC transfer.
14:50	Start site cleanup.
15:00	USACE offsite.
15:38	Carbon Activated offsite with signed manifest.
15:45	Fill GAC vessel with water to properly hydrate/deaerate carbon.
16:15	EA offsite.

DAILY REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NAME:	Kirtland AFB Bulk Fuels Facility Groundwater Monitoring and Interim Remedial Measures Operations Modifications		REPORT NO: 01
CONTRACT NUMBER:	W912PP20C0020	REPORT DATE:	3-2-21
REVISION NUMBER:	-	REVISION DATE:	-
TASK ORDER NUMBER:	-	PROJECT NAME / LOCATION:	Kirtland BFF
PROJECT NUMBER:	6360401	PROJECT DESCRIPTION:	Train 2 GAC exchange
PROJECT MANAGER:	Bernie Bockisch	FIELD QUALITY MANAGER:	Tyler Curley
CONSTRUCTION MANAGER:	Tyler Curley	SITE SAFETY MANAGER:	Tyler Curley / Peter Ferrari

AM WEATHER:		PM WEATHER:		MAX TEMP (F):	

SUMMARY OF WORK PERFORMED TODAY

GAC Exchange on Train 2 Tank B

HEALTH AND SAFETY REPORT

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Observations, Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted:

TAILGATE TOPICS:

SAFE BEHAVIOR OBSERVATIONS/SELF-ASSESSMENTS:

OPERATIONS/PRODUCTION REPORT

WORK FORCE – CONTRACTOR AND SUBCONTRACTOR

Company	Cumulative Total of Work Hours From Previous Report	Total Hours Today	Total Work Hours From Start of Injection Event
EA	—	26.25	26.25
Carbon Activated	—	6	6
Rupert Plumbing	—	6	6

EQUIPMENT ON HAND

Description of Equipment	Make/Model/ Manufacturer	Equipment ID Number	Inspection Performed By

COMMENTS (acceptance status, inspection findings, etc.):

DAILY REPORT TEMPLATE PAGE 1 OF 4

WORK AND/OR TESTS ACCOMPLISHED OR IN PROGRESS

Performed Work/Test for Today:

GAC exchange on Train 2 tank B

Planned Work/Test for Tomorrow:

GAC Backwash

Planned Work/Test for Next Week:

NA

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the project [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.

VISITORS AND DISCUSSIONS:

QUALITY CONTROL REPORT

MATERIALS DELIVERED TO JOB SITE

Quantity/Volume/ Weight	Description of Materials Received	Make/Model/ Manufacturer	Material Lot Number	Inspection Performed By
20,000 lb	12x30 mesh virgin coconut shell carbon	Carbon Activated	LV5/LA/20/16	Tyler Cirley

COMMENTS (acceptance status, inspection findings, etc.):

INSPECTIONS PERFORMED

Task/Activity Inspected	Inspection Performed	Findings
Carbon Inspection	Inspect carbon for compliance w/ specs	Accepted

TESTS PERFORMED

Task/Activity Tested	Test Performed	Test Results (Pass/Fail) - Criteria

QUALITY ISSUES AND RESOLUTIONS:

SUBMITTALS INSPECTION / REVIEW

Submittal No.	Submittal Description	Specification/Plan Reference	Submittal Approved?		Comment/Reason/Action
–	Daily Report	–	Yes ☐	No ☐	Pending
–	SBO	–	Yes ☐	No ☐	Pending
–	PTSP	–	Yes ☐	No ☐	Pending

REGULATORY COMPLIANCE REPORT							
PERMIT INSPECTIONS PERFORMED:							
WASTE ACCUMULATION/STOCKPILE AREA INSPECTION							
Inspection Performed By:				Signature of Inspector:			
Accumulation / Stockpile Area Inspected:							
No of Bins:		No of Tankers		No of Roll-Off Boxes:		No. of Tanks	
Inspection Results:							
GENERAL COMMENTS							
General Comments: (rework, directives, etc.):							
ATTACHMENTS							
List of Attachments: (examples, as applicable: submittals, meeting minutes, safety meeting minutes, COCs, weight tickets, manifests, profiles, rework item list, RFIs, DCNs, photographs, etc.):							
NOTE: Write all entries legibly in ink. Line out all unused portions or designate as "not applicable". Preparer signs first and last name on each completed daily report. This form may be filled out electronically and signed electronically.				PREPARER'S SIGNATURE		DATE: 3-2-21	

CARBON ACTIVATED
250 EAST MANVILLE STREET
COMPTON,CA 90220

Service Advice

Service Advise: # 5764

Site Address:

1601 Walker Street
Alburquerque NM 87116
Tyler Curley 719 688 9558

P.O.:# 28920 **Forklift Company:**

Date: 3/2/2021 Scheduled Time 7am

Description of Service and Carbon Used	Filter No.	Qty	U/M
TANKER REMOVAL AND LOADING	1		
ACTIVATED CARBON COCONUT SHELL 12X30 MESH	20000		

Print Name **Signature**

Are you satisfied with the service ☐ Yes ☐ No
If you answered "NO" please explain.....
.....

Time Allowed For: Vacuum / Slurry

Setup	Vacuum/Slurry	Fill	Cleanup and Load Truck/Recoil Hoses	Total Time on Site

Man Hours

Leave Co.	Arrive at Site	Lunch	Leave Site	Arrive at Co.	Total Hours

THANK YOU FOR YOUR BUSINESS

9.1.2 F4 G

ACTIVATED CARBON & SERVICES
2250 S. Central Ave, Compton CA 90220
Phone (310) 885-4555
Fax (310) 885-4558
Email: info@activatedcarbon.com

CERTIFICATE OF ANALYSIS

Company Name:	**Kirkland AFB**
Product Name:	**COC-L55 (12X30)**
Grade:	**Coconut Shell Base Activated Carbon**
Quantity:	**20,000Lbs.**
Test Date:	**1/20/2021**
Batch Number:	**LVS/LA/20/16**

TEST PARAMETER		RESULTS
CTC	*(ASTM D-3467)*	56.19
Iodine	*(ASTM D-4607)*	1096mg/g
Apparent Density	*(ASTM D-2854)*	0.51g/cm^3
Hardness	*(ASTM D-3802)*	99.85
Moisture as Packed	*(ASTM D-2867)*	2.74%
Ash	*(ASTM D-2866)*	2.62%
U.S. Standard Sieve Size	*(ASTM D-2862)*	
Larger than No. 12, Max.		1.95%
Smaller than No. 30, Max.		2.82%

Laboratory Analyst: Manik Periyapperuma
Report Date: 2/26/2021

FM 7.5.2-11, Rev.C

CARBON ACTIVATED CORPORATION
ACTIVATED CARBON & RELATED SERVICES
250 E Manville Street
Compton, CA 90220
Phone: (310) 885-4555
Fax: (310) 885-4558
E-mail: info@activatedcarbon.com

REACTIVATION CERTIFICATE

April 17th 2021

Attn: Mr. Dave Wood

Carbon Activated Corporation's carbon reactivation process involves segregated thermal treatment of spent activated carbon for the removal of organic contaminants. Organic contaminants are driven from activated carbon in rotary kilns at temperatures UP TO 1450 DEGREES FAHRENHEIT. Desorbed organic contaminations are combusted in high temperature excess air afterburners at measured destruction and removal effencies of at least 99.99%. Exit gases from the afterburners are passed through a scrubbing system for particulate removal and acid gas neutralization before being released to the atmosphere.

This document certifies that Carbon Activated Corporation has reactivated the spent absorbent noted below in accordance with all applicable California Air Quality Management requirements.

Site Address: TIGG/Kirkland AFB

CARBON TYPE	Coco
CHANGE OUT DATE	03/02/21
DATE RECEIVED	03/21/21
DATE COMPLETED	04/17/21
LOT NUMBER	TIGKFB 041721
MESH SIZE	12 x 30
PO NUMBER	Contract
QUANTITY BEFORE EACTIVATION	20000 Lbs.
QUANTITY AFTER REACTIVATION	18000 Lbs.

Sincerely,

Lakshman S Gorakadeniya
Reactivation Supervisor
Lakshman Gorakadeniya

FM 7.2.3-05, Rev. A

NSF CERTIFIED
MEMBER Water Quality ASSOCIATION
AWWA MEMBER
Quality Sys Quality Endorsed Company ISO 9001:2008 Lic 04-R0241 SAI Global

Appendix G-2

New Mexico 811 Line Locate Tickets

(January-March 2021)

Table G-2-1
NM 811 Ticket Summary for Groundwater Conveyance Line January - March 2021

Year	Month	Date	Ticket #	Status
2021	January	1/4/2021	21JA040827	UFO Cleared
		1/8/2021	21JA080003	UFO Cleared
		1/8/2021	21JA080039	UFO Cleared
		1/11/2021	21JA110569	UFO Cleared
		1/13/2021	21JA130259	UFO Cleared
	February	2/17/2021	21FE170263	UFO Cleared
	March	3/2/2021	21MA020144	UFO Cleared
		3/2/2021	21MA020707	UFO Cleared
		3/3/2021	21MA030599	UFO Cleared
		3/3/2021	21MA030628	UFO Cleared
		3/15/2021	21MA150478	UFO Cleared
		3/15/2021	21MA150486	UFO Cleared
		3/15/2021	21MA150491	UFO Cleared
		3/15/2021	21MA150492	UFO Cleared
		3/15/2021	21MA150782	UFO Cleared
		3/16/2021	21MA160166	UFO Cleared
		3/16/2021	21MA160445	UFO Cleared
		3/17/2021	21MA170415	UFO Cleared
		3/17/2021	21MA170418	UFO Cleared
		3/17/2021	21MA170564	UFO Cleared
		3/17/2021	21MA170565	UFO Cleared
		3/18/2021	21MA180363	UFO Cleared
		3/18/2021	21MA180365	UFO Cleared
		3/18/2021	21MA180367	UFO Cleared
		3/18/2021	21MA180368	UFO Cleared
		3/18/2021	21MA180369	UFO Cleared
		3/18/2021	21MA180371	UFO Cleared
		3/22/2021	21MA220442	UFO Cleared
		3/30/2021	21MA300687	UFO Cleared - Emergency Locate

Notes:
UFO CLEARED - The Underground Facility Owner/Operator (UFO) has determined they do not have any

Sultana, Sharmin

From: eticket@nm811.org
Sent: Monday, January 4, 2021 6:48 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21JA040827

NM811 LOCATE REQUEST

TICKET NUMBER:	21JA040827	Update of:	
Ticket Type:	Test Locate	For Code:	KAFB
Creation Date:	01/04/21 16:46	Seq Num:	1

Excavator Information

Company:	NM811 TEST	Main Contact Phone:	(505) 254-7300
Address:	1021 Eubank Blvd NE	Secondary Phone:	
City, St, Zip:	Albuquerque, NM 87112	Main Contact Email:	membership@nm811.org
Company Phone:	(505) 260-1990	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	811 Management	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	01/06/21 AT 15:30
County:	BERNALILLO	Expire Date:	01/28/21 AT 15:30
Place:	RURAL BERNALILLO		
Address:	ATTENTION		
Intersection:	ATTENTION		
Latitude:	34.869389	Longitude:	-107.197053
Secondary Lat:	35.220736	Secondary Long:	-106.150005
Work Type:	This is a Test	Working For:	NM811
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

*

Spotting Instructions

This email/test ticket notification shall serve to inform all members that New Mexico 811 will be transitioning its GeoCall ticket management system to a new server location within the month of January, 2021. A test ticket is expected to occur after business hours on the 8th of January. Please be aware that the first six numbers of the ticket number from the test system will be: 210108. If you do not receive the test ticket on the 8th it may be required to consult your IT Departments or Providers for assistance in placing New Mexico 811 on a white list to ensure receipt of future dig ticket notifications. The new IP address: 51.143.32.125 and all PR Bulk API users will need to include this in their API connections.

Remarks

If the test ticket is received on the eighth, no action should be needed. The best way to ensure that you have received all tickets is to check your daily audit. If the information does not match or no audit is received this is a good indication that action needs to be taken. The migration to this new server after the testing on the 8th is planned for the 15th of January. If you have any questions regarding this matter please contact membership@nm811.org or call 505-254-7300. Please

acknowledge the receipt of this test ticket by providing a UFO Clear response through your normal positive response means. Thank you

Utilities Notified:

Code	Name	Manually Added
ABQSD	CITY OF ALBUQUERQUE - STORM DRAINS	False
ABQSL	CITY OF ALBUQUERQUE - STREET LIGHTING DEPT	False
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
ADBC	ADB COMPANIES	False
APLCBF	BLUEFISH PIPELINE LLC	False
APS	ALBUQUERQUE PUBLIC SCHOOLS	False
ATT1	AT&T TRANSMISSION	False
BECT	BERNALILLO COUNTY - TRAFFIC	False
BECU	BERNALILLO COUNTY - UTILITIES	False
CAB1	CABLE ONE OF RIO RANCHO	False
CCMDW	CEDAR CREST MDWC & SWA	False
CIN1	WESTERN REFINING SOUTHWEST, INC (ALBUQUERQUE)	False
CNME	CENTRAL NEW MEXICO ELECTRIC COOPERATIVE	False
COA	CITY OF ALBUQUERQUE	False
CONT	CONTINENTAL DIVIDE ELECTRIC CO-OP	False
CORR	CITY OF RIO RANCHO	False
CPRK	CORONADO PARK LTD	False
CRCA	CROWN CASTLE	False
EAERO	ECLIPSE AEROSPACE, INC	False
EMTN	COMCAST - E MTN	False
EMW	EMW GAS ASSOCIATION	False
ETSC	PLATEAU TELECOMMUNICATIONS	False
ETSCX	PLATEAU - USIC LOCATES	False
EWC	ENTRANOSA WATER AND WASTE WATER ASSOCIATION	False
FPPO	FOREST PARK PROPERTY OWNER'S CO-OP ASSOC	False
GRMDW	GREEN RIDGE MDWCA, INC	False
HEP4	HOLLY ENERGY PARTNERS - MORIARTY	False
HSPD	INTERNET SERVICES, LLC dba HIGHERSPEED INTERNET	False
ISLETA	PUEBLO OF ISLETA	False
JONE	COMCAST - ALBUQUERQUE	False
JRH2O	JUAN ROAD H2O WATER COMPANY	False
KAFB	KIRTLAND AIR FORCE BASE	False
LFGE	CITY OF ALBUQ - SOLID WASTE MGMT DEPT	False
LFGMDC	CITY OF ALBUQ - BERNCO DETENTION CENTER	False
MAGE	MAGELLAN MIDSTREAM PARTNERS	False
MAPL4	ENTERPRISE PROD. (MID-AMERICA P/L) - TORRANCE	False
MATH	MATHESON TRI-GAS, INC.	False
MCI1	MCI CABLE SEC	False
MCLD	MCLEOD USA TELECOM (A WINDSTREAM COMPANY)	False
NMAW	EPCOR WATER - EDGEWOOD	False
NMDOTF	NEW MEXICO DEPARTMENT OF TRANSPORTATION - FIBER	False
NMDOTT	NEW MEXICO DEPARTMENT OF TRANSPORTATION - TRAFF...	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
NMGBE	NEW MEXICO GAS COMPANY - BELEN	False
NML3	LEVEL 3 NOW CENTURYLINK	False

NMWS	NEW MEXICO WATER SERVICE CO.	False
NS21	NUSTAR ENERGY - NS21	False
OSPC	OLD SANDIA PARK SERVICE CO-OP	False
PAAKO	PAA-KO COMMUNITIES SEWER ASSOCIATION	False
PLC	PUEBLO LOS CERROS	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
PNMAF	PNM FIBER - ABQ DOWNTOWN	False
PNMEM	PNM ELECTRIC - EAST MOUNTAINS	False
PNMRR	PNM ELECTRIC - RIO RANCHO	False
PNMVA	PNM ELECTRIC - VALENCIA COUNTY	False
PSAN	PUEBLO OF SANDIA	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
QUAIL	QUAIL HOLLOW MUTUAL DOMESTIC WATER USERS ASSOCI...	False
SAND	SANDIA PEAK UTILITY COMPANY	False
SPED	KINDER MORGAN - EDGEWOOD	False
SRC	SANDIA RESORT AND CASINO	False
SSTP	SANDIA SCIENCE AND TECHNOLOGY PARK	False
SVSC	SIERRA VISTA SOUTH COOPERATIVE	False
SVUC	SIERRA VISTA MUTUAL DOMESTIC ASSOCIATION	False
SWIND	SACRED WIND COMMUNICATIONS	False
TABWET	TABLAZON WETLANDS HOMEOWNERS ASSOCIATION	False
TMWUA	TIERRA MONTE WATER USERS ASSOC.	False
TORR	TORRANCE COUNTY ROAD DEPT.	False
TPWUC	TRANQUILLO PINES WATER USERS COOP	False
UNM	UNIVERSITY OF NEW MEXICO (UNM)	False
UPN	UNITE PRIVATE NETWORKS, LLC	False
USSP	SPRINT NEXTEL	False
UVAR	UNIVAR USA, INC.	False
VOCRL	VILLAGE OF CORRALES	False
VOLR	VILLAGE OF LOS RANCHOS DE ALBUQUERQUE	False
VOTI	VILLAGE OF TIJERAS	False
VRZN	VERIZON WIRELESS	False
WNDSTRM	WINDSTREAM COMMUNICATIONS	False
WNR2	WESTERN REFINING PIPELINE COMPANY - SAN JUAN/SA..	False
ZAYONM	ZAYO GROUP - ALBUQUERQUE	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Friday, January 8, 2021 7:07 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21JA080003

NM811 LOCATE REQUEST

TICKET NUMBER:	21JA080003	Update of:	
Ticket Type:	Test Locate	For Code:	KAFB
Creation Date:	01/08/21 17:05	Seq Num:	1

Excavator Information

Company:	NM811 TEST	Main Contact Phone:	(505) 260-1990
Address:	1021 Eubank Blvd NE	Secondary Phone:	
City, St, Zip:	Albuquerque, NM 87112	Main Contact Email:	
Company Phone:	(505) 260-1990	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	Julia Castle	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	01/13/21 AT 07:00
County:	BERNALILLO	Expire Date:	02/04/21 AT 07:00
Place:	RURAL BERNALILLO		
Address:	ATTENTION		
Intersection:	*		
Latitude:	34.864737	Longitude:	-107.199332
Secondary Lat:	35.221153	Secondary Long:	-106.150138
Work Type:	This is a Test	Working For:	NM811
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

*

Spotting Instructions

This test ticket notification shall serve as step 2 in New Mexico 811s GeoCall Ticket Management System migration process to a new server location which is tentatively planned for January 15, 2021. As with the first test ticket notification sent to you on January 4, 2021, please acknowledge receipt of this 2nd test ticket by providing a normal-system positive response. Your timely response in this matter is very important in our efforts to finalize all member contact notification settings before going live from our new server location.

Remarks

As always, if you have any questions regarding this matter, please contact membership@nm811.org or call 505-254-7300.

TRSQ: [W8T10NR04ES17SE]

Utilities Notified:

Code	Name	Manually Added
ABQSD	CITY OF ALBUQUERQUE - STORM DRAINS	False
ABQSL	CITY OF ALBUQUERQUE - STREET LIGHTING DEPT	False
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
ADBC	ADB COMPANIES	False
APLCBF	BLUEFISH PIPELINE LLC	False
APS	ALBUQUERQUE PUBLIC SCHOOLS	False
ATT1	AT&T TRANSMISSION	False
BECT	BERNALILLO COUNTY - TRAFFIC	False
BECU	BERNALILLO COUNTY - UTILITIES	False
CAB1	CABLE ONE OF RIO RANCHO	False
CCMDW	CEDAR CREST MDWC & SWA	False
CIN1	WESTERN REFINING SOUTHWEST, INC (ALBUQUERQUE)	False
CNME	CENTRAL NEW MEXICO ELECTRIC COOPERATIVE	False
COA	CITY OF ALBUQUERQUE	False
CONT	CONTINENTAL DIVIDE ELECTRIC CO-OP	False
CORR	CITY OF RIO RANCHO	False
CPRK	CORONADO PARK LTD	False
CRCA	CROWN CASTLE	False
EAERO	ECLIPSE AEROSPACE, INC	False
EMTN	COMCAST - E MTN	False
EMW	EMW GAS ASSOCIATION	False
ETSC	PLATEAU TELECOMMUNICATIONS	False
ETSCX	PLATEAU - USIC LOCATES	False
EWC	ENTRANOSA WATER AND WASTE WATER ASSOCIATION	False
FPPO	FOREST PARK PROPERTY OWNER'S CO-OP ASSOC	False
GRMDW	GREEN RIDGE MDWCA, INC	False
HEP4	HOLLY ENERGY PARTNERS - MORIARTY	False
HSPD	INTERNET SERVICES, LLC dba HIGHERSPEED INTERNET	False
ISLETA	PUEBLO OF ISLETA	False
JONE	COMCAST - ALBUQUERQUE	False
JRH2O	JUAN ROAD H2O WATER COMPANY	False
KAFB	KIRTLAND AIR FORCE BASE	False
LFGE	CITY OF ALBUQ - SOLID WASTE MGMT DEPT	False
LFGMDC	CITY OF ALBUQ - BERNCO DETENTION CENTER	False
MAGE	MAGELLAN MIDSTREAM PARTNERS	False
MAPL4	ENTERPRISE PROD. (MID-AMERICA P/L) - TORRANCE	False
MATH	MATHESON TRI-GAS, INC.	False
MCI1	MCI CABLE SEC	False
MCLD	MCLEOD USA TELECOM (A WINDSTREAM COMPANY)	False
NMAW	EPCOR WATER - EDGEWOOD	False
NMDOTF	NEW MEXICO DEPARTMENT OF TRANSPORTATION - FIBER	False
NMDOTT	NEW MEXICO DEPARTMENT OF TRANSPORTATION - TRAFF...	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
NMGBE	NEW MEXICO GAS COMPANY - BELEN	False
NML3	LEVEL 3 NOW CENTURYLINK	False
NMWS	NEW MEXICO WATER SERVICE CO.	False
NS21	NUSTAR ENERGY - NS21	False
OSPC	OLD SANDIA PARK SERVICE CO-OP	False
PAAKO	PAA-KO COMMUNITIES SEWER ASSOCIATION	False

PLC	PUEBLO LOS CERROS	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
PNMAF	PNM FIBER - ABQ DOWNTOWN	False
PNMEM	PNM ELECTRIC - EAST MOUNTAINS	False
PNMRR	PNM ELECTRIC - RIO RANCHO	False
PNMVA	PNM ELECTRIC - VALENCIA COUNTY	False
PSAN	PUEBLO OF SANDIA	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
QUAIL	QUAIL HOLLOW MUTUAL DOMESTIC WATER USERS ASSOCI...	False
SAND	SANDIA PEAK UTILITY COMPANY	False
SPED	KINDER MORGAN - EDGEWOOD	False
SRC	SANDIA RESORT AND CASINO	False
SSTP	SANDIA SCIENCE AND TECHNOLOGY PARK	False
SVSC	SIERRA VISTA SOUTH COOPERATIVE	False
SVUC	SIERRA VISTA MUTUAL DOMESTIC ASSOCIATION	False
SWIND	SACRED WIND COMMUNICATIONS	False
TABWET	TABLAZON WETLANDS HOMEOWNERS ASSOCIATION	False
TMWUA	TIERRA MONTE WATER USERS ASSOC.	False
TORR	TORRANCE COUNTY ROAD DEPT.	False
TPWUC	TRANQUILLO PINES WATER USERS COOP	False
UNM	UNIVERSITY OF NEW MEXICO (UNM)	False
UPN	UNITE PRIVATE NETWORKS, LLC	False
USSP	SPRINT NEXTEL	False
UVAR	UNIVAR USA, INC.	False
VOCRL	VILLAGE OF CORRALES	False
VOLR	VILLAGE OF LOS RANCHOS DE ALBUQUERQUE	False
VOTI	VILLAGE OF TIJERAS	False
VRZN	VERIZON WIRELESS	False
WNDSTRM	WINDSTREAM COMMUNICATIONS	False
WNR2	WESTERN REFINING PIPELINE COMPANY - SAN JUAN/SA..	False
ZAYONM	ZAYO GROUP - ALBUQUERQUE	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Friday, January 8, 2021 7:58 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21JA080039

NM811 LOCATE REQUEST

TICKET NUMBER:	21JA080039	Update of:	21JA080003
Ticket Type:	Test Locate	For Code:	KAFB
Creation Date:	01/08/21 17:57	Seq Num:	2

Excavator Information

Company:	NM811 TEST	Main Contact Phone:	(505) 260-1990
Address:	1021 Eubank Blvd NE	Secondary Phone:	
City, St, Zip:	Albuquerque, NM 87112	Main Contact Email:	
Company Phone:	(505) 260-1990	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	Julia Castle	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	01/13/21 AT 07:00
County:	BERNALILLO	Expire Date:	02/04/21 AT 07:00
Place:	RURAL BERNALILLO		
Address:	ATTENTION		
Intersection:	*		
Latitude:	34.864737	Longitude:	-107.199332
Secondary Lat:	35.221153	Secondary Long:	-106.150138
Work Type:	This is a Test	Working For:	NM811
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

*

Spotting Instructions

ATTENTION WEB PORTAL USERS: Web Portal users will need to access the following URL and use their existing login/password to respond to previous test ticket. TEST URL: https://geocalltest.nm811.org/geocall/portal

Remarks

As always, if you have any questions regarding this matter, please contact membership@nm811.org or call 505-254-7300.

TRSQ: [W8T10NR04ES17SE]

Utilities Notified:

Code	Name	Manually Added
ABQSD	CITY OF ALBUQUERQUE - STORM DRAINS	False

ABQSL	CITY OF ALBUQUERQUE - STREET LIGHTING DEPT	False
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
ADBC	ADB COMPANIES	False
APLCBF	BLUEFISH PIPELINE LLC	False
APS	ALBUQUERQUE PUBLIC SCHOOLS	False
ATT1	AT&T TRANSMISSION	False
BECT	BERNALILLO COUNTY - TRAFFIC	False
BECU	BERNALILLO COUNTY - UTILITIES	False
CAB1	CABLE ONE OF RIO RANCHO	False
CCMDW	CEDAR CREST MDWC & SWA	False
CIN1	WESTERN REFINING SOUTHWEST, INC (ALBUQUERQUE)	False
CNME	CENTRAL NEW MEXICO ELECTRIC COOPERATIVE	False
COA	CITY OF ALBUQUERQUE	False
CONT	CONTINENTAL DIVIDE ELECTRIC CO-OP	False
CORR	CITY OF RIO RANCHO	False
CPRK	CORONADO PARK LTD	False
CRCA	CROWN CASTLE	False
EAERO	ECLIPSE AEROSPACE, INC	False
EMTN	COMCAST - E MTN	False
EMW	EMW GAS ASSOCIATION	False
ETSC	PLATEAU TELECOMMUNICATIONS	False
ETSCX	PLATEAU - USIC LOCATES	False
EWC	ENTRANOSA WATER AND WASTE WATER ASSOCIATION	False
FPPO	FOREST PARK PROPERTY OWNER'S CO-OP ASSOC	False
GRMDW	GREEN RIDGE MDWCA, INC	False
HEP4	HOLLY ENERGY PARTNERS - MORIARTY	False
HSPD	INTERNET SERVICES, LLC dba HIGHERSPEED INTERNET	False
ISLETA	PUEBLO OF ISLETA	False
JONE	COMCAST - ALBUQUERQUE	False
JRH2O	JUAN ROAD H2O WATER COMPANY	False
KAFB	KIRTLAND AIR FORCE BASE	False
LFGE	CITY OF ALBUQ - SOLID WASTE MGMT DEPT	False
LFGMDC	CITY OF ALBUQ - BERNCO DETENTION CENTER	False
MAGE	MAGELLAN MIDSTREAM PARTNERS	False
MAPL4	ENTERPRISE PROD. (MID-AMERICA P/L) - TORRANCE	False
MATH	MATHESON TRI-GAS, INC.	False
MCI1	MCI CABLE SEC	False
MCLD	MCLEOD USA TELECOM (A WINDSTREAM COMPANY)	False
NMAW	EPCOR WATER - EDGEWOOD	False
NMDOTF	NEW MEXICO DEPARTMENT OF TRANSPORTATION - FIBER	False
NMDOTT	NEW MEXICO DEPARTMENT OF TRANSPORTATION - TRAFF...	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
NMGBE	NEW MEXICO GAS COMPANY - BELEN	False
NML3	LEVEL 3 NOW CENTURYLINK	False
NMWS	NEW MEXICO WATER SERVICE CO.	False
NS21	NUSTAR ENERGY - NS21	False
OSPC	OLD SANDIA PARK SERVICE CO-OP	False
PAAKO	PAA-KO COMMUNITIES SEWER ASSOCIATION	False
PLC	PUEBLO LOS CERROS	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False

PNMAF	PNM FIBER - ABQ DOWNTOWN	False
PNMEM	PNM ELECTRIC - EAST MOUNTAINS	False
PNMRR	PNM ELECTRIC - RIO RANCHO	False
PNMVA	PNM ELECTRIC - VALENCIA COUNTY	False
PSAN	PUEBLO OF SANDIA	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
QUAIL	QUAIL HOLLOW MUTUAL DOMESTIC WATER USERS ASSOCI...	False
SAND	SANDIA PEAK UTILITY COMPANY	False
SPED	KINDER MORGAN - EDGEWOOD	False
SRC	SANDIA RESORT AND CASINO	False
SSTP	SANDIA SCIENCE AND TECHNOLOGY PARK	False
SVSC	SIERRA VISTA SOUTH COOPERATIVE	False
SVUC	SIERRA VISTA MUTUAL DOMESTIC ASSOCIATION	False
SWIND	SACRED WIND COMMUNICATIONS	False
TABWET	TABLAZON WETLANDS HOMEOWNERS ASSOCIATION	False
TMWUA	TIERRA MONTE WATER USERS ASSOC.	False
TORR	TORRANCE COUNTY ROAD DEPT.	False
TPWUC	TRANQUILLO PINES WATER USERS COOP	False
UNM	UNIVERSITY OF NEW MEXICO (UNM)	False
UPN	UNITE PRIVATE NETWORKS, LLC	False
USSP	SPRINT NEXTEL	False
UVAR	UNIVAR USA, INC.	False
VOCRL	VILLAGE OF CORRALES	False
VOLR	VILLAGE OF LOS RANCHOS DE ALBUQUERQUE	False
VOTI	VILLAGE OF TIJERAS	False
VRZN	VERIZON WIRELESS	False
WNDSTRM	WINDSTREAM COMMUNICATIONS	False
WNR2	WESTERN REFINING PIPELINE COMPANY - SAN JUAN/SA...	False
ZAYONM	ZAYO GROUP - ALBUQUERQUE	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Monday, January 11, 2021 4:57 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21JA110569

NM811 LOCATE REQUEST

TICKET NUMBER:	21JA110569	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	01/11/21 14:56	Seq Num:	1

Excavator Information

Company:	HIGH 5 NETWORKS	Main Contact Phone:	(505) 804-1415
Address:	4609 BROADWAY BLVD SE	Secondary Phone:	
City, St, Zip:	ALBUQUERQUE, NM 87105	Main Contact Email:	edgar@high5networks.com
Company Phone:	(505) 750-0045	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	EDGAR MENDEZ	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	01/13/21 AT 15:00
County:	BERNALILLO	Expire Date:	02/04/21 AT 15:00
Place:	ALBUQUERQUE		
Address:	2621 RIDGECREST DR SE		
Intersection:	DAKOTA ST SE		
Latitude:	35.054279	Longitude:	-106.57494
Secondary Lat:	35.054758	Secondary Long:	-106.574607
Work Type:	Directional Bore	Working For:	COMCAST CABLE
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

FROM COMCAST PED ON SW CORNER OF PROPERTY GOING S FOR 75 FT TO PNM POLE CROSSING RIDGECREST DR Area Marked in White

Remarks

TYPE OF WORK: BORE TO BURY MAIN CABLE No Hazards - Open Access

TRSQ: [W8T10NR03ES36NE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False

KAFB	KIRTLAND AIR FORCE BASE	False
MCI1	MCI CABLE SEC	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Wednesday, January 13, 2021 11:55 AM
To: NM811BFF
Subject: NM811 Locate Ticket: 21JA130259

NM811 LOCATE REQUEST

TICKET NUMBER:	21JA130259	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	01/13/21 09:55	Seq Num:	1

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	ROBERT SALAS
Company Fax:		Alternate Contact Phone:	(505) 934-1277
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	01/15/21 AT 10:00
County:	BERNALILLO	Expire Date:	02/08/21 AT 10:00
Place:	ALBUQUERQUE		
Address:	1105 LOUISIANA BLVD SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.059696	Longitude:	-106.569395
Secondary Lat:	35.059696	Secondary Long:	-106.569395
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D045 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
ADBC	ADB COMPANIES	False
JONE	COMCAST - ALBUQUERQUE	False

KAFB	KIRTLAND AIR FORCE BASE	False
MCI1	MCI CABLE SEC	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Wednesday, February 17, 2021 1:40 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21FE170263

NM811 LOCATE REQUEST

TICKET NUMBER:	21FE170263	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	02/17/21 11:39	Seq Num:	1

Excavator Information

Company:	CASCADE ENVIRONMENTAL	Main Contact Phone:	(505) 203-4272
Address:	3621 NM-47	Secondary Phone:	MARKGREEN@CASCADE-ENV.COM
City, St, Zip:	PERALTA, NM 87042	Main Contact Email:	FCHATTINEVANS@CASCADE-ENV.COM
Company Phone:	(505) 865-5222	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	FORREST CHATTIN	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	02/19/21 AT 11:45
County:	BERNALILLO	Expire Date:	03/12/21 AT 11:45
Place:	ALBUQUERQUE		
Address:	ANDERSON AVE SE		
Intersection:	GEORGIA ST SE		
Latitude:	35.062713	Longitude:	-106.57317
Secondary Lat:	35.064522	Secondary Long:	-106.570938
Work Type:	Install - See Remarks	Working For:	EA ENGINEERING
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

SPOT FROM CENTER OF INTERSECTION GO 300 FT IN EACH DIRECTION Area Marked in White CENTER IS MARKED IN WHITE

Remarks

INSTALLING MONITOR WELL No Hazards - Open Access

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False

KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Tuesday, March 2, 2021 10:28 AM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA020144

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA020144	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/02/21 08:27	Seq Num:	1

Excavator Information

Company:	CITY OF ALBUQUERQUE- PARK CONSTRUCTION	Main Contact Phone:	(505) 261-4069
Address:	PO BOX 1293	Secondary Phone:	
City, St, Zip:	ALBUQUERQUE, NM 87103	Main Contact Email:	MESPINOZA@CABQ.GOV
Company Phone:	(505) 857-8649	Alternate Contact:	
Company Fax:	(505) 857-8220	Alternate Contact Phone:	
Main Contact:	MARCOS ESPINOZA	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/04/21 AT 08:30
County:	BERNALILLO	Expire Date:	03/25/21 AT 08:30
Place:	ALBUQUERQUE		
Address:	1606 SAN PEDRO DR SE		
Intersection:	RIDGECREST DR SE		
Latitude:	35.052045	Longitude:	-106.577926
Secondary Lat:	35.055752	Secondary Long:	-106.568613
Work Type:	Install - See Remarks	Working For:	CITY OF ALBUQUERQUE
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

SPOT ALL ALONG RIDGECREST FRM SAN PEDRO TO LOUISIANA Area Marked in White

Remarks

GRAVEL No Hazards - Open Access

TRSQ: [W8T10NR03ES36NE] [W8T10NR03ES36NW]

Utilities Notified:

Code	Name	Manually Added
ABQSL	CITY OF ALBUQUERQUE - STREET LIGHTING DEPT	False
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False

KAFB	KIRTLAND AIR FORCE BASE	False
MCI1	MCI CABLE SEC	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Tuesday, March 2, 2021 4:22 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA020707

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA020707	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/02/21 14:21	Seq Num:	2

Excavator Information

Company:	MAXTEK CONTRACTORS	Main Contact Phone:	(505) 239-5954
Address:	2201 PHOENIX AVE NE	Secondary Phone:	
City, St, Zip:	ALBUQUERQUE, NM 87107	Main Contact Email:	MAXTEKINC@AOL.COM
Company Phone:	(505) 888-5733	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	JESUS LOYA	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/04/21 AT 14:15
County:	BERNALILLO	Expire Date:	03/25/21 AT 14:15
Place:	ALBUQUERQUE		
Address:	GIBSON BLVD SE		
Intersection:	LOUISIANA BLVD SE		
Latitude:	35.057989	Longitude:	-106.568795
Secondary Lat:	35.058375	Secondary Long:	-106.562068
Work Type:	Landscaping - See Remarks	Working For:	PAE
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

FROM THE INTER OF GIBSON BLVD SE AND LOUISIANA BLVD SE SPOT AREAS MARKED IN WHITE ON N AND S SIDE OF GIBSON BLVD SE GOING E FOR APPROX 2000 FT TO INCLUDE TWO ISLANDS Area Marked in White

Remarks

TYPE OF WORK: LAYING GRAVEL/PIN CURB No Hazards - Open Access

TRSQ: [W8T10NR03ES25SE] [W8T10NR03ES36NE] [W8T10NR04ES30SW] [W8T10NR04ES31NW]

Utilities Notified:

Code	Name	Manually Added
ABQSD	CITY OF ALBUQUERQUE - STORM DRAINS	False
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False

ADBC	ADB COMPANIES	False
APS	ALBUQUERQUE PUBLIC SCHOOLS	False
COA	CITY OF ALBUQUERQUE	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False
MCI1	MCI CABLE SEC	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Wednesday, March 3, 2021 3:17 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA030628

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA030628	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/03/21 13:16	Seq Num:	2

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	ROBERT SALAS
Company Fax:		Alternate Contact Phone:	(505) 934-1277
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/05/21 AT 13:15
County:	BERNALILLO	Expire Date:	03/26/21 AT 13:15
Place:	ALBUQUERQUE		
Address:	1025 GEORGIA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.060656	Longitude:	-106.57264
Secondary Lat:	35.060674	Secondary Long:	-106.572394
Work Type:	Setting - Poles	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D025 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Wednesday, March 3, 2021 2:52 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA030599

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA030599	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/03/21 12:51	Seq Num:	1

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	ROBERT SALAS
Company Fax:		Alternate Contact Phone:	(505) 934-1277
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/05/21 AT 13:00
County:	BERNALILLO	Expire Date:	03/26/21 AT 13:00
Place:	ALBUQUERQUE		
Address:	1037 GEORGIA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.060177	Longitude:	-106.572706
Secondary Lat:	35.060311	Secondary Long:	-106.572572
Work Type:	Setting - Poles	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D024 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Monday, March 15, 2021 2:09 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA150486

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA150486	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/15/21 12:08	Seq Num:	2

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	ROBERT SALAS
Company Fax:		Alternate Contact Phone:	(505) 934-1277
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/17/21 AT 12:15
County:	BERNALILLO	Expire Date:	04/07/21 AT 12:15
Place:	ALBUQUERQUE		
Address:	1125 DAKOTA ST SE		
Intersection:	GIBSON BLVD SE		
Latitude:	35.058947	Longitude:	-106.574959
Secondary Lat:	35.05908	Secondary Long:	-106.574825
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF 2 EXISTING POLES #H18A229 & H18A230 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False

PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Monday, March 15, 2021 2:12 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA150491

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA150491	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/15/21 12:11	Seq Num:	3

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	ROBERT SALAS
Company Fax:		Alternate Contact Phone:	(505) 934-1277
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/17/21 AT 12:15
County:	BERNALILLO	Expire Date:	04/07/21 AT 12:15
Place:	ALBUQUERQUE		
Address:	1105 DAKOTA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.059754	Longitude:	-106.574921
Secondary Lat:	35.059888	Secondary Long:	-106.574788
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20 FT RADIUS OF EXISTING POLE #H17C297 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Monday, March 15, 2021 2:12 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA150492

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA150492	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/15/21 12:11	Seq Num:	4

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	ROBERT SALAS
Company Fax:		Alternate Contact Phone:	(505) 934-1277
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/17/21 AT 12:15
County:	BERNALILLO	Expire Date:	04/07/21 AT 12:15
Place:	ALBUQUERQUE		
Address:	1037 DAKOTA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.060082	Longitude:	-106.574909
Secondary Lat:	35.060215	Secondary Long:	-106.574775
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF POLE #H17C297 MARKED IN WHITE AT ALLEY ENTRANCE SW CORNER OF ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Monday, March 15, 2021 4:31 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA150782

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA150782	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/15/21 14:30	Seq Num:	5

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	ROBERT SALAS
Company Fax:		Alternate Contact Phone:	(505) 934-1277
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/17/21 AT 14:30
County:	BERNALILLO	Expire Date:	04/07/21 AT 14:30
Place:	ALBUQUERQUE		
Address:	1105 DAKOTA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.059666	Longitude:	-106.574932
Secondary Lat:	35.0598	Secondary Long:	-106.574798
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20 FT RADIUS OF EXISTING POLE #H17C324 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False

PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Monday, March 15, 2021 2:06 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA150478

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA150478	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/15/21 12:05	Seq Num:	1

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	ROBERT SALAS
Company Fax:		Alternate Contact Phone:	(505) 934-1277
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/17/21 AT 12:15
County:	BERNALILLO	Expire Date:	04/07/21 AT 12:15
Place:	ALBUQUERQUE		
Address:	1101 FLORIDA st SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.059777	Longitude:	-106.573828
Secondary Lat:	35.059911	Secondary Long:	-106.573695
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17C344 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Tuesday, March 16, 2021 2:05 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA160445

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA160445	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/16/21 12:04	Seq Num:	2

Excavator Information

Company:	TED MARTINEZ	Main Contact Phone:	(505) 385-6143
Address:	2821 RIDGECREST DR SE	Secondary Phone:	
City, St, Zip:	ALBUQUERQUE, NM 87108	Main Contact Email:	
Company Phone:	(505) 385-6143	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	TED MARTINEZ	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/18/21 AT 12:00
County:	BERNALILLO	Expire Date:	04/08/21 AT 12:00
Place:	ALBUQUERQUE		
Address:	2825 RIDGECREST DR SE		
Intersection:	KENTUCKY ST SE		
Latitude:	35.053139	Longitude:	-106.569963
Secondary Lat:	35.053139	Secondary Long:	-106.569963
Work Type:	Install - Sewer System	Working For:	TED MARTINEZ
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

AREA MARKED IN WHITE

Remarks

TYPE OF WORK - INSTALL NEW SEWER LINE Hazards: None // Access: Open // Animals: None

TRSQ: [W8T10NR03ES36NE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

MCI1	MCI CABLE SEC	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Wednesday, March 17, 2021 3:00 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA170415

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA170415	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/17/21 12:59	Seq Num:	1

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	DOMINIC SANCHEZ
Company Fax:		Alternate Contact Phone:	(505) 280-2789
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/19/21 AT 13:00
County:	BERNALILLO	Expire Date:	04/09/21 AT 13:00
Place:	ALBUQUERQUE		
Address:	901 INDIANA ST SE		
Intersection:	ANDERSON AVE SE		
Latitude:	35.0634	Longitude:	-106.571582
Secondary Lat:	35.063534	Secondary Long:	-106.571448
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D114 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False

QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Tuesday, March 16, 2021 11:01 AM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA160166

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA160166	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/16/21 09:00	Seq Num:	1

Excavator Information

Company:	WILSON ELECTRIC SERVICES CORP	Main Contact Phone:	(505) 410-7616
Address:	501 GENERAL SOMERVILLE ST	Secondary Phone:	
City, St, Zip:	ALBUQUERQUE, NM 87123	Main Contact Email:	PTRUJILLO@WILSONELECTRIC.NET
Company Phone:	(505) 271-8773	Alternate Contact:	MATTHEW WALSTROM
Company Fax:		Alternate Contact Phone:	(505) 237-3208
Main Contact:	PATRICK TRUJILLO	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/18/21 AT 09:00
County:	BERNALILLO	Expire Date:	04/08/21 AT 09:00
Place:	KIRTLAND AFB		
Address:	RIDGECREST AVE SE		
Intersection:	PENNSYLVANIA ST SE		
Latitude:	35.045451	Longitude:	-106.57043
Secondary Lat:	35.052249	Secondary Long:	-106.559551
Work Type:	Trenching - See Remarks	Working For:	WILSON ELECTRIC SERVICES CORP
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

SPOT THE AREA PRE MARKED WHITE BUILDING 19088 ON THE SW CORNER OF THE INTERSECTION Area Marked in White

Remarks

TYPE OF WORK TO INSTALL LINES Hazards: None // Access: KIRTLAND AFB ACCESS // Animals: None

TRSQ: [W8T10NR03ES36NE] [W8T10NR03ES36SE] [W8T10NR04ES31NW] [W8T10NR04ES31SW]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

MCI1	MCI CABLE SEC	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
NML3	LEVEL 3 NOW CENTURYLINK	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Wednesday, March 17, 2021 4:56 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA170564

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA170564	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/17/21 14:55	Seq Num:	3

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	SHAWN LAVERY
Company Fax:		Alternate Contact Phone:	(505) 506-6425
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/19/21 AT 15:00
County:	BERNALILLO	Expire Date:	04/09/21 AT 15:00
Place:	ALBUQUERQUE		
Address:	1025 FLORIDA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.060682	Longitude:	-106.573754
Secondary Lat:	35.060739	Secondary Long:	-106.573496
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17C340 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Wednesday, March 17, 2021 4:56 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA170565

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA170565	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/17/21 14:55	Seq Num:	4

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	SHAWN LAVERY
Company Fax:		Alternate Contact Phone:	(505) 506-6425
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/19/21 AT 15:00
County:	BERNALILLO	Expire Date:	04/09/21 AT 15:00
Place:	ALBUQUERQUE		
Address:	1033 FLORIDA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.060364	Longitude:	-106.573777
Secondary Lat:	35.060394	Secondary Long:	-106.573492
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17C341 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Wednesday, March 17, 2021 3:01 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA170418

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA170418	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/17/21 13:00	Seq Num:	2

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	DOMINIC SANCHEZ
Company Fax:		Alternate Contact Phone:	(505) 280-2789
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/19/21 AT 13:00
County:	BERNALILLO	Expire Date:	04/09/21 AT 13:00
Place:	ALBUQUERQUE		
Address:	929 INDIANA ST SE		
Intersection:	ROSS AVE SE		
Latitude:	35.06217	Longitude:	-106.571592
Secondary Lat:	35.062304	Secondary Long:	-106.571459
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D117 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Thursday, March 18, 2021 1:22 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA180363

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA180363	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/18/21 11:21	Seq Num:	1

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	SHAWN LAVERY
Company Fax:		Alternate Contact Phone:	(505) 506-6425
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/22/21 AT 11:30
County:	BERNALILLO	Expire Date:	04/12/21 AT 11:30
Place:	ALBUQUERQUE		
Address:	1005 INDIANA ST SE		
Intersection:	ROSS AVE SE		
Latitude:	35.061539	Longitude:	-106.571597
Secondary Lat:	35.061673	Secondary Long:	-106.571463
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D020 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Thursday, March 18, 2021 1:23 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA180368

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA180368	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/18/21 11:22	Seq Num:	4

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	SHAWN LAVERY
Company Fax:		Alternate Contact Phone:	(505) 506-6425
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/22/21 AT 11:30
County:	BERNALILLO	Expire Date:	04/12/21 AT 11:30
Place:	ALBUQUERQUE		
Address:	1013 INDIANA ST SE		
Intersection:	ROSS AVE SE		
Latitude:	35.06114	Longitude:	-106.571602
Secondary Lat:	35.061273	Secondary Long:	-106.571468
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D041 MARKED IN WHITE IN ALLEY BEHIND ADDRESS

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Thursday, March 18, 2021 1:23 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA180367

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA180367	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/18/21 11:22	Seq Num:	3

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	SHAWN LAVERY
Company Fax:		Alternate Contact Phone:	(505) 506-6425
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/22/21 AT 11:30
County:	BERNALILLO	Expire Date:	04/12/21 AT 11:30
Place:	ALBUQUERQUE		
Address:	937 INDIANA ST SE		
Intersection:	ROSS AVE SE		
Latitude:	35.061858	Longitude:	-106.571583
Secondary Lat:	35.061991	Secondary Long:	-106.571449
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D019 MARKED IN WHITE NEXT TO ALLEY ENTRANCE SW CORNER OF ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Thursday, March 18, 2021 1:23 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA180369

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA180369	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/18/21 11:22	Seq Num:	5

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	SHAWN LAVERY
Company Fax:		Alternate Contact Phone:	(505) 506-6425
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/22/21 AT 11:30
County:	BERNALILLO	Expire Date:	04/12/21 AT 11:30
Place:	ALBUQUERQUE		
Address:	1033 INDIANA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.060199	Longitude:	-106.57162
Secondary Lat:	35.060333	Secondary Long:	-106.571487
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D033 MARKED IN WHITE IN ALLEY BEHIND ADDRESS

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Thursday, March 18, 2021 1:23 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA180371

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA180371	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/18/21 11:22	Seq Num:	6

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	SHAWN LAVERY
Company Fax:		Alternate Contact Phone:	(505) 506-6425
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/22/21 AT 11:30
County:	BERNALILLO	Expire Date:	04/12/21 AT 11:30
Place:	ALBUQUERQUE		
Address:	1105 INDIANA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.059701	Longitude:	-106.571613
Secondary Lat:	35.059834	Secondary Long:	-106.571479
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D032 MARKED IN WHITE IN ALLEY BEHIND ADDRESS

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False

PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Thursday, March 18, 2021 1:22 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA180365

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA180365	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/18/21 11:22	Seq Num:	2

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	SHAWN LAVERY
Company Fax:		Alternate Contact Phone:	(505) 506-6425
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/22/21 AT 11:30
County:	BERNALILLO	Expire Date:	04/12/21 AT 11:30
Place:	ALBUQUERQUE		
Address:	1105 GEORGIA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.059743	Longitude:	-106.572729
Secondary Lat:	35.059877	Secondary Long:	-106.572595
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D029 MARKED IN WHITE IN ALLEY BEHIND ADDRESS

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Monday, March 22, 2021 1:00 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA220442

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA220442	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/22/21 10:59	Seq Num:	1

Excavator Information

Company:	SUNNY FENCE COMPANY	Main Contact Phone:	(505) 401-0830
Address:	2709 BROADWAY SE	Secondary Phone:	
City, St, Zip:	ALBUQUERQUE, NM 87102	Main Contact Email:	GRSUNNY@EARTHLINK.NET
Company Phone:	(505) 842-1302	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	GERALD ROMO	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/24/21 AT 11:00
County:	BERNALILLO	Expire Date:	04/14/21 AT 11:00
Place:	ALBUQUERQUE		
Address:	LOUISIANA BLVD SE		
Intersection:	GIBSON BLVD SE		
Latitude:	35.056802	Longitude:	-106.568875
Secondary Lat:	35.058093	Secondary Long:	-106.567437
Work Type:	Bore-Auger - Holes	Working For:	MAXTECH CONTRACTORS
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

FROM THE INTER, GO S ON LOUISIANA BLVD FOR 200FT TO EXISTING CHAIN LINK FENCE ON E SIDE OF ROAD.

Spotting Instructions

SPOT ALONG PERIMETER OF EXISTING FENCING Area Marked in White

Remarks

TYPE OF WORK: AUGER FOR FENCE POSTS Hazards: None // Access:Open // Animals: None

TRSQ: [W8T10NR03ES25SE] [W8T10NR03ES36NE] [W8T10NR04ES30SW] [W8T10NR04ES31NW]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
ADBC	ADB COMPANIES	False

COA	CITY OF ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False
MCI1	MCI CABLE SEC	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Tuesday, March 30, 2021 7:27 PM
To: NM811BFF
Subject: NM811 Emergency Locate Ticket: 21MA300687

Importance: High

NM811 EMERGENCY LOCATE REQUEST

TICKET NUMBER:	21MA300687	Update of:	
Ticket Type:	Emergency Locate	For Code:	KAFB
Creation Date:	03/30/21 17:26	Seq Num:	1

Excavator Information

Company:	ABCWUA	Main Contact Phone:	(505) 917-1040
Address:	5501 Pino AVE NE	Secondary Phone:	(505) 842-9287 OPT 1
City, St, Zip:	Albuquerque, NM 87109	Main Contact Email:	jdoyle@abcwua.org
Company Phone:	(505) 842-9287	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	RON VIGIL	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/30/21 AT 19:30
County:	BERNALILLO		
Place:	ALBUQUERQUE		
Address:	1109 GEORGIA ST SE		
Intersection:	EASTERN AVE		
Latitude:	35.059507	Longitude:	-106.572693
Secondary Lat:	35.059718	Secondary Long:	-106.572211
Work Type:	Emergency - Water	Working For:	ABCWUA
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

FRONT OF PROPERTY BOTH SIDES OF THE ST

Remarks

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Appendix G-2

New Mexico 811 Line Locate Tickets

(January-March 2021)

Table G-2-1
NM 811 Ticket Summary for Groundwater Conveyance Line January - March 2021

Year	Month	Date	Ticket #	Status
2021	January	1/4/2021	21JA040827	UFO Cleared
		1/8/2021	21JA080003	UFO Cleared
		1/8/2021	21JA080039	UFO Cleared
		1/11/2021	21JA110569	UFO Cleared
		1/13/2021	21JA130259	UFO Cleared
	February	2/17/2021	21FE170263	UFO Cleared
	March	3/2/2021	21MA020144	UFO Cleared
		3/2/2021	21MA020707	UFO Cleared
		3/3/2021	21MA030599	UFO Cleared
		3/3/2021	21MA030628	UFO Cleared
		3/15/2021	21MA150478	UFO Cleared
		3/15/2021	21MA150486	UFO Cleared
		3/15/2021	21MA150491	UFO Cleared
		3/15/2021	21MA150492	UFO Cleared
		3/15/2021	21MA150782	UFO Cleared
		3/16/2021	21MA160166	UFO Cleared
		3/16/2021	21MA160445	UFO Cleared
		3/17/2021	21MA170415	UFO Cleared
		3/17/2021	21MA170418	UFO Cleared
		3/17/2021	21MA170564	UFO Cleared
		3/17/2021	21MA170565	UFO Cleared
		3/18/2021	21MA180363	UFO Cleared
		3/18/2021	21MA180365	UFO Cleared
		3/18/2021	21MA180367	UFO Cleared
		3/18/2021	21MA180368	UFO Cleared
		3/18/2021	21MA180369	UFO Cleared
		3/18/2021	21MA180371	UFO Cleared
		3/22/2021	21MA220442	UFO Cleared
		3/30/2021	21MA300687	UFO Cleared - Emergency Locate

Notes:
UFO CLEARED - The Underground Facility Owner/Operator (UFO) has determined they do not have any

Sultana, Sharmin

From: eticket@nm811.org
Sent: Monday, January 4, 2021 6:48 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21JA040827

NM811 LOCATE REQUEST

TICKET NUMBER:	21JA040827	Update of:	
Ticket Type:	Test Locate	For Code:	KAFB
Creation Date:	01/04/21 16:46	Seq Num:	1

Excavator Information

Company:	NM811 TEST	Main Contact Phone:	(505) 254-7300
Address:	1021 Eubank Blvd NE	Secondary Phone:	
City, St, Zip:	Albuquerque, NM 87112	Main Contact Email:	membership@nm811.org
Company Phone:	(505) 260-1990	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	811 Management	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	01/06/21 AT 15:30
County:	BERNALILLO	Expire Date:	01/28/21 AT 15:30
Place:	RURAL BERNALILLO		
Address:	ATTENTION		
Intersection:	ATTENTION		
Latitude:	34.869389	Longitude:	-107.197053
Secondary Lat:	35.220736	Secondary Long:	-106.150005
Work Type:	This is a Test	Working For:	NM811
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

*

Spotting Instructions

This email/test ticket notification shall serve to inform all members that New Mexico 811 will be transitioning its GeoCall ticket management system to a new server location within the month of January, 2021. A test ticket is expected to occur after business hours on the 8th of January. Please be aware that the first six numbers of the ticket number from the test system will be: 210108. If you do not receive the test ticket on the 8th it may be required to consult your IT Departments or Providers for assistance in placing New Mexico 811 on a white list to ensure receipt of future dig ticket notifications. The new IP address: 51.143.32.125 and all PR Bulk API users will need to include this in their API connections.

Remarks

If the test ticket is received on the eighth, no action should be needed. The best way to ensure that you have received all tickets is to check your daily audit. If the information does not match or no audit is received this is a good indication that action needs to be taken. The migration to this new server after the testing on the 8th is planned for the 15th of January. If you have any questions regarding this matter please contact membership@nm811.org or call 505-254-7300. Please

acknowledge the receipt of this test ticket by providing a UFO Clear response through your normal positive response means. Thank you

Utilities Notified:

Code	Name	Manually Added
ABQSD	CITY OF ALBUQUERQUE - STORM DRAINS	False
ABQSL	CITY OF ALBUQUERQUE - STREET LIGHTING DEPT	False
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
ADBC	ADB COMPANIES	False
APLCBF	BLUEFISH PIPELINE LLC	False
APS	ALBUQUERQUE PUBLIC SCHOOLS	False
ATT1	AT&T TRANSMISSION	False
BECT	BERNALILLO COUNTY - TRAFFIC	False
BECU	BERNALILLO COUNTY - UTILITIES	False
CAB1	CABLE ONE OF RIO RANCHO	False
CCMDW	CEDAR CREST MDWC & SWA	False
CIN1	WESTERN REFINING SOUTHWEST, INC (ALBUQUERQUE)	False
CNME	CENTRAL NEW MEXICO ELECTRIC COOPERATIVE	False
COA	CITY OF ALBUQUERQUE	False
CONT	CONTINENTAL DIVIDE ELECTRIC CO-OP	False
CORR	CITY OF RIO RANCHO	False
CPRK	CORONADO PARK LTD	False
CRCA	CROWN CASTLE	False
EAERO	ECLIPSE AEROSPACE, INC	False
EMTN	COMCAST - E MTN	False
EMW	EMW GAS ASSOCIATION	False
ETSC	PLATEAU TELECOMMUNICATIONS	False
ETSCX	PLATEAU - USIC LOCATES	False
EWC	ENTRANOSA WATER AND WASTE WATER ASSOCIATION	False
FPPO	FOREST PARK PROPERTY OWNER'S CO-OP ASSOC	False
GRMDW	GREEN RIDGE MDWCA, INC	False
HEP4	HOLLY ENERGY PARTNERS - MORIARTY	False
HSPD	INTERNET SERVICES, LLC dba HIGHERSPEED INTERNET	False
ISLETA	PUEBLO OF ISLETA	False
JONE	COMCAST - ALBUQUERQUE	False
JRH2O	JUAN ROAD H2O WATER COMPANY	False
KAFB	KIRTLAND AIR FORCE BASE	False
LFGE	CITY OF ALBUQ - SOLID WASTE MGMT DEPT	False
LFGMDC	CITY OF ALBUQ - BERNCO DETENTION CENTER	False
MAGE	MAGELLAN MIDSTREAM PARTNERS	False
MAPL4	ENTERPRISE PROD. (MID-AMERICA P/L) - TORRANCE	False
MATH	MATHESON TRI-GAS, INC.	False
MCI1	MCI CABLE SEC	False
MCLD	MCLEOD USA TELECOM (A WINDSTREAM COMPANY)	False
NMAW	EPCOR WATER - EDGEWOOD	False
NMDOTF	NEW MEXICO DEPARTMENT OF TRANSPORTATION - FIBER	False
NMDOTT	NEW MEXICO DEPARTMENT OF TRANSPORTATION - TRAFF...	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
NMGBE	NEW MEXICO GAS COMPANY - BELEN	False
NML3	LEVEL 3 NOW CENTURYLINK	False

NMWS	NEW MEXICO WATER SERVICE CO.	False
NS21	NUSTAR ENERGY - NS21	False
OSPC	OLD SANDIA PARK SERVICE CO-OP	False
PAAKO	PAA-KO COMMUNITIES SEWER ASSOCIATION	False
PLC	PUEBLO LOS CERROS	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
PNMAF	PNM FIBER - ABQ DOWNTOWN	False
PNMEM	PNM ELECTRIC - EAST MOUNTAINS	False
PNMRR	PNM ELECTRIC - RIO RANCHO	False
PNMVA	PNM ELECTRIC - VALENCIA COUNTY	False
PSAN	PUEBLO OF SANDIA	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
QUAIL	QUAIL HOLLOW MUTUAL DOMESTIC WATER USERS ASSOCI...	False
SAND	SANDIA PEAK UTILITY COMPANY	False
SPED	KINDER MORGAN - EDGEWOOD	False
SRC	SANDIA RESORT AND CASINO	False
SSTP	SANDIA SCIENCE AND TECHNOLOGY PARK	False
SVSC	SIERRA VISTA SOUTH COOPERATIVE	False
SVUC	SIERRA VISTA MUTUAL DOMESTIC ASSOCIATION	False
SWIND	SACRED WIND COMMUNICATIONS	False
TABWET	TABLAZON WETLANDS HOMEOWNERS ASSOCIATION	False
TMWUA	TIERRA MONTE WATER USERS ASSOC.	False
TORR	TORRANCE COUNTY ROAD DEPT.	False
TPWUC	TRANQUILLO PINES WATER USERS COOP	False
UNM	UNIVERSITY OF NEW MEXICO (UNM)	False
UPN	UNITE PRIVATE NETWORKS, LLC	False
USSP	SPRINT NEXTEL	False
UVAR	UNIVAR USA, INC.	False
VOCRL	VILLAGE OF CORRALES	False
VOLR	VILLAGE OF LOS RANCHOS DE ALBUQUERQUE	False
VOTI	VILLAGE OF TIJERAS	False
VRZN	VERIZON WIRELESS	False
WNDSTRM	WINDSTREAM COMMUNICATIONS	False
WNR2	WESTERN REFINING PIPELINE COMPANY - SAN JUAN/SA..	False
ZAYONM	ZAYO GROUP - ALBUQUERQUE	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Friday, January 8, 2021 7:07 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21JA080003

NM811 LOCATE REQUEST

TICKET NUMBER:	21JA080003	Update of:	
Ticket Type:	Test Locate	For Code:	KAFB
Creation Date:	01/08/21 17:05	Seq Num:	1

Excavator Information

Company:	NM811 TEST	Main Contact Phone:	(505) 260-1990
Address:	1021 Eubank Blvd NE	Secondary Phone:	
City, St, Zip:	Albuquerque, NM 87112	Main Contact Email:	
Company Phone:	(505) 260-1990	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	Julia Castle	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	01/13/21 AT 07:00
County:	BERNALILLO	Expire Date:	02/04/21 AT 07:00
Place:	RURAL BERNALILLO		
Address:	ATTENTION		
Intersection:	*		
Latitude:	34.864737	Longitude:	-107.199332
Secondary Lat:	35.221153	Secondary Long:	-106.150138
Work Type:	This is a Test	Working For:	NM811
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

*

Spotting Instructions

This test ticket notification shall serve as step 2 in New Mexico 811s GeoCall Ticket Management System migration process to a new server location which is tentatively planned for January 15, 2021. As with the first test ticket notification sent to you on January 4, 2021, please acknowledge receipt of this 2nd test ticket by providing a normal-system positive response. Your timely response in this matter is very important in our efforts to finalize all member contact notification settings before going live from our new server location.

Remarks

As always, if you have any questions regarding this matter, please contact membership@nm811.org or call 505-254-7300.

TRSQ: [W8T10NR04ES17SE]

Utilities Notified:

1

Code	Name	Manually Added
ABQSD	CITY OF ALBUQUERQUE - STORM DRAINS	False
ABQSL	CITY OF ALBUQUERQUE - STREET LIGHTING DEPT	False
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
ADBC	ADB COMPANIES	False
APLCBF	BLUEFISH PIPELINE LLC	False
APS	ALBUQUERQUE PUBLIC SCHOOLS	False
ATT1	AT&T TRANSMISSION	False
BECT	BERNALILLO COUNTY - TRAFFIC	False
BECU	BERNALILLO COUNTY - UTILITIES	False
CAB1	CABLE ONE OF RIO RANCHO	False
CCMDW	CEDAR CREST MDWC & SWA	False
CIN1	WESTERN REFINING SOUTHWEST, INC (ALBUQUERQUE)	False
CNME	CENTRAL NEW MEXICO ELECTRIC COOPERATIVE	False
COA	CITY OF ALBUQUERQUE	False
CONT	CONTINENTAL DIVIDE ELECTRIC CO-OP	False
CORR	CITY OF RIO RANCHO	False
CPRK	CORONADO PARK LTD	False
CRCA	CROWN CASTLE	False
EAERO	ECLIPSE AEROSPACE, INC	False
EMTN	COMCAST - E MTN	False
EMW	EMW GAS ASSOCIATION	False
ETSC	PLATEAU TELECOMMUNICATIONS	False
ETSCX	PLATEAU - USIC LOCATES	False
EWC	ENTRANOSA WATER AND WASTE WATER ASSOCIATION	False
FPPO	FOREST PARK PROPERTY OWNER'S CO-OP ASSOC	False
GRMDW	GREEN RIDGE MDWCA, INC	False
HEP4	HOLLY ENERGY PARTNERS - MORIARTY	False
HSPD	INTERNET SERVICES, LLC dba HIGHERSPEED INTERNET	False
ISLETA	PUEBLO OF ISLETA	False
JONE	COMCAST - ALBUQUERQUE	False
JRH2O	JUAN ROAD H2O WATER COMPANY	False
KAFB	KIRTLAND AIR FORCE BASE	False
LFGE	CITY OF ALBUQ - SOLID WASTE MGMT DEPT	False
LFGMDC	CITY OF ALBUQ - BERNCO DETENTION CENTER	False
MAGE	MAGELLAN MIDSTREAM PARTNERS	False
MAPL4	ENTERPRISE PROD. (MID-AMERICA P/L) - TORRANCE	False
MATH	MATHESON TRI-GAS, INC.	False
MCI1	MCI CABLE SEC	False
MCLD	MCLEOD USA TELECOM (A WINDSTREAM COMPANY)	False
NMAW	EPCOR WATER - EDGEWOOD	False
NMDOTF	NEW MEXICO DEPARTMENT OF TRANSPORTATION - FIBER	False
NMDOTT	NEW MEXICO DEPARTMENT OF TRANSPORTATION - TRAFF...	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
NMGBE	NEW MEXICO GAS COMPANY - BELEN	False
NML3	LEVEL 3 NOW CENTURYLINK	False
NMWS	NEW MEXICO WATER SERVICE CO.	False
NS21	NUSTAR ENERGY - NS21	False
OSPC	OLD SANDIA PARK SERVICE CO-OP	False
PAAKO	PAA-KO COMMUNITIES SEWER ASSOCIATION	False

PLC	PUEBLO LOS CERROS	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
PNMAF	PNM FIBER - ABQ DOWNTOWN	False
PNMEM	PNM ELECTRIC - EAST MOUNTAINS	False
PNMRR	PNM ELECTRIC - RIO RANCHO	False
PNMVA	PNM ELECTRIC - VALENCIA COUNTY	False
PSAN	PUEBLO OF SANDIA	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
QUAIL	QUAIL HOLLOW MUTUAL DOMESTIC WATER USERS ASSOCI...	False
SAND	SANDIA PEAK UTILITY COMPANY	False
SPED	KINDER MORGAN - EDGEWOOD	False
SRC	SANDIA RESORT AND CASINO	False
SSTP	SANDIA SCIENCE AND TECHNOLOGY PARK	False
SVSC	SIERRA VISTA SOUTH COOPERATIVE	False
SVUC	SIERRA VISTA MUTUAL DOMESTIC ASSOCIATION	False
SWIND	SACRED WIND COMMUNICATIONS	False
TABWET	TABLAZON WETLANDS HOMEOWNERS ASSOCIATION	False
TMWUA	TIERRA MONTE WATER USERS ASSOC.	False
TORR	TORRANCE COUNTY ROAD DEPT.	False
TPWUC	TRANQUILLO PINES WATER USERS COOP	False
UNM	UNIVERSITY OF NEW MEXICO (UNM)	False
UPN	UNITE PRIVATE NETWORKS, LLC	False
USSP	SPRINT NEXTEL	False
UVAR	UNIVAR USA, INC.	False
VOCRL	VILLAGE OF CORRALES	False
VOLR	VILLAGE OF LOS RANCHOS DE ALBUQUERQUE	False
VOTI	VILLAGE OF TIJERAS	False
VRZN	VERIZON WIRELESS	False
WNDSTRM	WINDSTREAM COMMUNICATIONS	False
WNR2	WESTERN REFINING PIPELINE COMPANY - SAN JUAN/SA..	False
ZAYONM	ZAYO GROUP - ALBUQUERQUE	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Friday, January 8, 2021 7:58 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21JA080039

NM811 LOCATE REQUEST

TICKET NUMBER:	21JA080039	Update of:	21JA080003
Ticket Type:	Test Locate	For Code:	KAFB
Creation Date:	01/08/21 17:57	Seq Num:	2

Excavator Information

Company:	NM811 TEST	Main Contact Phone:	(505) 260-1990
Address:	1021 Eubank Blvd NE	Secondary Phone:	
City, St, Zip:	Albuquerque, NM 87112	Main Contact Email:	
Company Phone:	(505) 260-1990	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	Julia Castle	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	01/13/21 AT 07:00
County:	BERNALILLO	Expire Date:	02/04/21 AT 07:00
Place:	RURAL BERNALILLO		
Address:	ATTENTION		
Intersection:	*		
Latitude:	34.864737	Longitude:	-107.199332
Secondary Lat:	35.221153	Secondary Long:	-106.150138
Work Type:	This is a Test	Working For:	NM811
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

*

Spotting Instructions

ATTENTION WEB PORTAL USERS: Web Portal users will need to access the following URL and use their existing login/password to respond to previous test ticket. TEST URL: https://geocalltest.nm811.org/geocall/portal

Remarks

As always, if you have any questions regarding this matter, please contact membership@nm811.org or call 505-254-7300.

TRSQ: [W8T10NR04ES17SE]

Utilities Notified:

Code	Name	Manually Added
ABQSD	CITY OF ALBUQUERQUE - STORM DRAINS	False

ABQSL	CITY OF ALBUQUERQUE - STREET LIGHTING DEPT	False
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
ADBC	ADB COMPANIES	False
APLCBF	BLUEFISH PIPELINE LLC	False
APS	ALBUQUERQUE PUBLIC SCHOOLS	False
ATT1	AT&T TRANSMISSION	False
BECT	BERNALILLO COUNTY - TRAFFIC	False
BECU	BERNALILLO COUNTY - UTILITIES	False
CAB1	CABLE ONE OF RIO RANCHO	False
CCMDW	CEDAR CREST MDWC & SWA	False
CIN1	WESTERN REFINING SOUTHWEST, INC (ALBUQUERQUE)	False
CNME	CENTRAL NEW MEXICO ELECTRIC COOPERATIVE	False
COA	CITY OF ALBUQUERQUE	False
CONT	CONTINENTAL DIVIDE ELECTRIC CO-OP	False
CORR	CITY OF RIO RANCHO	False
CPRK	CORONADO PARK LTD	False
CRCA	CROWN CASTLE	False
EAERO	ECLIPSE AEROSPACE, INC	False
EMTN	COMCAST - E MTN	False
EMW	EMW GAS ASSOCIATION	False
ETSC	PLATEAU TELECOMMUNICATIONS	False
ETSCX	PLATEAU - USIC LOCATES	False
EWC	ENTRANOSA WATER AND WASTE WATER ASSOCIATION	False
FPPO	FOREST PARK PROPERTY OWNER'S CO-OP ASSOC	False
GRMDW	GREEN RIDGE MDWCA, INC	False
HEP4	HOLLY ENERGY PARTNERS - MORIARTY	False
HSPD	INTERNET SERVICES, LLC dba HIGHERSPEED INTERNET	False
ISLETA	PUEBLO OF ISLETA	False
JONE	COMCAST - ALBUQUERQUE	False
JRH2O	JUAN ROAD H2O WATER COMPANY	False
KAFB	KIRTLAND AIR FORCE BASE	False
LFGE	CITY OF ALBUQ - SOLID WASTE MGMT DEPT	False
LFGMDC	CITY OF ALBUQ - BERNCO DETENTION CENTER	False
MAGE	MAGELLAN MIDSTREAM PARTNERS	False
MAPL4	ENTERPRISE PROD. (MID-AMERICA P/L) - TORRANCE	False
MATH	MATHESON TRI-GAS, INC.	False
MCI1	MCI CABLE SEC	False
MCLD	MCLEOD USA TELECOM (A WINDSTREAM COMPANY)	False
NMAW	EPCOR WATER - EDGEWOOD	False
NMDOTF	NEW MEXICO DEPARTMENT OF TRANSPORTATION - FIBER	False
NMDOTT	NEW MEXICO DEPARTMENT OF TRANSPORTATION - TRAFF...	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
NMGBE	NEW MEXICO GAS COMPANY - BELEN	False
NML3	LEVEL 3 NOW CENTURYLINK	False
NMWS	NEW MEXICO WATER SERVICE CO.	False
NS21	NUSTAR ENERGY - NS21	False
OSPC	OLD SANDIA PARK SERVICE CO-OP	False
PAAKO	PAA-KO COMMUNITIES SEWER ASSOCIATION	False
PLC	PUEBLO LOS CERROS	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False

PNMAF	PNM FIBER - ABQ DOWNTOWN	False
PNMEM	PNM ELECTRIC - EAST MOUNTAINS	False
PNMRR	PNM ELECTRIC - RIO RANCHO	False
PNMVA	PNM ELECTRIC - VALENCIA COUNTY	False
PSAN	PUEBLO OF SANDIA	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
QUAIL	QUAIL HOLLOW MUTUAL DOMESTIC WATER USERS ASSOCI...	False
SAND	SANDIA PEAK UTILITY COMPANY	False
SPED	KINDER MORGAN - EDGEWOOD	False
SRC	SANDIA RESORT AND CASINO	False
SSTP	SANDIA SCIENCE AND TECHNOLOGY PARK	False
SVSC	SIERRA VISTA SOUTH COOPERATIVE	False
SVUC	SIERRA VISTA MUTUAL DOMESTIC ASSOCIATION	False
SWIND	SACRED WIND COMMUNICATIONS	False
TABWET	TABLAZON WETLANDS HOMEOWNERS ASSOCIATION	False
TMWUA	TIERRA MONTE WATER USERS ASSOC.	False
TORR	TORRANCE COUNTY ROAD DEPT.	False
TPWUC	TRANQUILLO PINES WATER USERS COOP	False
UNM	UNIVERSITY OF NEW MEXICO (UNM)	False
UPN	UNITE PRIVATE NETWORKS, LLC	False
USSP	SPRINT NEXTEL	False
UVAR	UNIVAR USA, INC.	False
VOCRL	VILLAGE OF CORRALES	False
VOLR	VILLAGE OF LOS RANCHOS DE ALBUQUERQUE	False
VOTI	VILLAGE OF TIJERAS	False
VRZN	VERIZON WIRELESS	False
WNDSTRM	WINDSTREAM COMMUNICATIONS	False
WNR2	WESTERN REFINING PIPELINE COMPANY - SAN JUAN/SA...	False
ZAYONM	ZAYO GROUP - ALBUQUERQUE	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Monday, January 11, 2021 4:57 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21JA110569

NM811 LOCATE REQUEST

TICKET NUMBER:	21JA110569	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	01/11/21 14:56	Seq Num:	1

Excavator Information

Company:	HIGH 5 NETWORKS	Main Contact Phone:	(505) 804-1415
Address:	4609 BROADWAY BLVD SE	Secondary Phone:	
City, St, Zip:	ALBUQUERQUE, NM 87105	Main Contact Email:	edgar@high5networks.com
Company Phone:	(505) 750-0045	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	EDGAR MENDEZ	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	01/13/21 AT 15:00
County:	BERNALILLO	Expire Date:	02/04/21 AT 15:00
Place:	ALBUQUERQUE		
Address:	2621 RIDGECREST DR SE		
Intersection:	DAKOTA ST SE		
Latitude:	35.054279	Longitude:	-106.57494
Secondary Lat:	35.054758	Secondary Long:	-106.574607
Work Type:	Directional Bore	Working For:	COMCAST CABLE
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

FROM COMCAST PED ON SW CORNER OF PROPERTY GOING S FOR 75 FT TO PNM POLE CROSSING RIDGECREST DR Area Marked in White

Remarks

TYPE OF WORK: BORE TO BURY MAIN CABLE No Hazards - Open Access

TRSQ: [W8T10NR03ES36NE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False

KAFB	KIRTLAND AIR FORCE BASE	False
MCI1	MCI CABLE SEC	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Wednesday, January 13, 2021 11:55 AM
To: NM811BFF
Subject: NM811 Locate Ticket: 21JA130259

NM811 LOCATE REQUEST

TICKET NUMBER:	21JA130259	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	01/13/21 09:55	Seq Num:	1

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	ROBERT SALAS
Company Fax:		Alternate Contact Phone:	(505) 934-1277
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	01/15/21 AT 10:00
County:	BERNALILLO	Expire Date:	02/08/21 AT 10:00
Place:	ALBUQUERQUE		
Address:	1105 LOUISIANA BLVD SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.059696	Longitude:	-106.569395
Secondary Lat:	35.059696	Secondary Long:	-106.569395
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D045 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
ADBC	ADB COMPANIES	False
JONE	COMCAST - ALBUQUERQUE	False

KAFB	KIRTLAND AIR FORCE BASE	False
MCI1	MCI CABLE SEC	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Wednesday, February 17, 2021 1:40 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21FE170263

NM811 LOCATE REQUEST

TICKET NUMBER:	21FE170263	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	02/17/21 11:39	Seq Num:	1

Excavator Information

Company:	CASCADE ENVIRONMENTAL	Main Contact Phone:	(505) 203-4272
Address:	3621 NM-47	Secondary Phone:	MARKGREEN@CASCADE-ENV.COM
City, St, Zip:	PERALTA, NM 87042	Main Contact Email:	FCHATTINEVANS@CASCADE-ENV.COM
Company Phone:	(505) 865-5222	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	FORREST CHATTIN	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	02/19/21 AT 11:45
County:	BERNALILLO	Expire Date:	03/12/21 AT 11:45
Place:	ALBUQUERQUE		
Address:	ANDERSON AVE SE		
Intersection:	GEORGIA ST SE		
Latitude:	35.062713	Longitude:	-106.57317
Secondary Lat:	35.064522	Secondary Long:	-106.570938
Work Type:	Install - See Remarks	Working For:	EA ENGINEERING
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

SPOT FROM CENTER OF INTERSECTION GO 300 FT IN EACH DIRECTION Area Marked in White CENTER IS MARKED IN WHITE

Remarks

INSTALLING MONITOR WELL No Hazards - Open Access

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False

KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Tuesday, March 2, 2021 10:28 AM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA020144

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA020144	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/02/21 08:27	Seq Num:	1

Excavator Information

Company:	CITY OF ALBUQUERQUE- PARK CONSTRUCTION	Main Contact Phone:	(505) 261-4069
Address:	PO BOX 1293	Secondary Phone:	
City, St, Zip:	ALBUQUERQUE, NM 87103	Main Contact Email:	MESPINOZA@CABQ.GOV
Company Phone:	(505) 857-8649	Alternate Contact:	
Company Fax:	(505) 857-8220	Alternate Contact Phone:	
Main Contact:	MARCOS ESPINOZA	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/04/21 AT 08:30
County:	BERNALILLO	Expire Date:	03/25/21 AT 08:30
Place:	ALBUQUERQUE		
Address:	1606 SAN PEDRO DR SE		
Intersection:	RIDGECREST DR SE		
Latitude:	35.052045	Longitude:	-106.577926
Secondary Lat:	35.055752	Secondary Long:	-106.568613
Work Type:	Install - See Remarks	Working For:	CITY OF ALBUQUERQUE
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

SPOT ALL ALONG RIDGECREST FRM SAN PEDRO TO LOUISIANA Area Marked in White

Remarks

GRAVEL No Hazards - Open Access

TRSQ: [W8T10NR03ES36NE] [W8T10NR03ES36NW]

Utilities Notified:

Code	Name	Manually Added
ABQSL	CITY OF ALBUQUERQUE - STREET LIGHTING DEPT	False
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False

KAFB	KIRTLAND AIR FORCE BASE	False
MCI1	MCI CABLE SEC	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Tuesday, March 2, 2021 4:22 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA020707

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA020707	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/02/21 14:21	Seq Num:	2

Excavator Information

Company:	MAXTEK CONTRACTORS	Main Contact Phone:	(505) 239-5954
Address:	2201 PHOENIX AVE NE	Secondary Phone:	
City, St, Zip:	ALBUQUERQUE, NM 87107	Main Contact Email:	MAXTEKINC@AOL.COM
Company Phone:	(505) 888-5733	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	JESUS LOYA	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/04/21 AT 14:15
County:	BERNALILLO	Expire Date:	03/25/21 AT 14:15
Place:	ALBUQUERQUE		
Address:	GIBSON BLVD SE		
Intersection:	LOUISIANA BLVD SE		
Latitude:	35.057989	Longitude:	-106.568795
Secondary Lat:	35.058375	Secondary Long:	-106.562068
Work Type:	Landscaping - See Remarks	Working For:	PAE
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

FROM THE INTER OF GIBSON BLVD SE AND LOUISIANA BLVD SE SPOT AREAS MARKED IN WHITE ON N AND S SIDE OF GIBSON BLVD SE GOING E FOR APPROX 2000 FT TO INCLUDE TWO ISLANDS Area Marked in White

Remarks

TYPE OF WORK: LAYING GRAVEL/PIN CURB No Hazards - Open Access

TRSQ: [W8T10NR03ES25SE] [W8T10NR03ES36NE] [W8T10NR04ES30SW] [W8T10NR04ES31NW]

Utilities Notified:

Code	Name	Manually Added
ABQSD	CITY OF ALBUQUERQUE - STORM DRAINS	False
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False

ADBC	ADB COMPANIES	False
APS	ALBUQUERQUE PUBLIC SCHOOLS	False
COA	CITY OF ALBUQUERQUE	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False
MCI1	MCI CABLE SEC	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Wednesday, March 3, 2021 3:17 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA030628

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA030628	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/03/21 13:16	Seq Num:	2

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	ROBERT SALAS
Company Fax:		Alternate Contact Phone:	(505) 934-1277
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/05/21 AT 13:15
County:	BERNALILLO	Expire Date:	03/26/21 AT 13:15
Place:	ALBUQUERQUE		
Address:	1025 GEORGIA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.060656	Longitude:	-106.57264
Secondary Lat:	35.060674	Secondary Long:	-106.572394
Work Type:	Setting - Poles	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D025 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Wednesday, March 3, 2021 2:52 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA030599

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA030599	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/03/21 12:51	Seq Num:	1

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	ROBERT SALAS
Company Fax:		Alternate Contact Phone:	(505) 934-1277
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/05/21 AT 13:00
County:	BERNALILLO	Expire Date:	03/26/21 AT 13:00
Place:	ALBUQUERQUE		
Address:	1037 GEORGIA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.060177	Longitude:	-106.572706
Secondary Lat:	35.060311	Secondary Long:	-106.572572
Work Type:	Setting - Poles	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D024 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Monday, March 15, 2021 2:09 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA150486

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA150486	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/15/21 12:08	Seq Num:	2

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	ROBERT SALAS
Company Fax:		Alternate Contact Phone:	(505) 934-1277
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/17/21 AT 12:15
County:	BERNALILLO	Expire Date:	04/07/21 AT 12:15
Place:	ALBUQUERQUE		
Address:	1125 DAKOTA ST SE		
Intersection:	GIBSON BLVD SE		
Latitude:	35.058947	Longitude:	-106.574959
Secondary Lat:	35.05908	Secondary Long:	-106.574825
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF 2 EXISTING POLES #H18A229 & H18A230 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False

PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Monday, March 15, 2021 2:12 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA150491

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA150491	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/15/21 12:11	Seq Num:	3

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	ROBERT SALAS
Company Fax:		Alternate Contact Phone:	(505) 934-1277
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/17/21 AT 12:15
County:	BERNALILLO	Expire Date:	04/07/21 AT 12:15
Place:	ALBUQUERQUE		
Address:	1105 DAKOTA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.059754	Longitude:	-106.574921
Secondary Lat:	35.059888	Secondary Long:	-106.574788
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20 FT RADIUS OF EXISTING POLE #H17C297 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Monday, March 15, 2021 2:12 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA150492

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA150492	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/15/21 12:11	Seq Num:	4

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	ROBERT SALAS
Company Fax:		Alternate Contact Phone:	(505) 934-1277
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/17/21 AT 12:15
County:	BERNALILLO	Expire Date:	04/07/21 AT 12:15
Place:	ALBUQUERQUE		
Address:	1037 DAKOTA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.060082	Longitude:	-106.574909
Secondary Lat:	35.060215	Secondary Long:	-106.574775
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF POLE #H17C297 MARKED IN WHITE AT ALLEY ENTRANCE SW CORNER OF ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Monday, March 15, 2021 4:31 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA150782

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA150782	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/15/21 14:30	Seq Num:	5

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	ROBERT SALAS
Company Fax:		Alternate Contact Phone:	(505) 934-1277
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/17/21 AT 14:30
County:	BERNALILLO	Expire Date:	04/07/21 AT 14:30
Place:	ALBUQUERQUE		
Address:	1105 DAKOTA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.059666	Longitude:	-106.574932
Secondary Lat:	35.0598	Secondary Long:	-106.574798
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20 FT RADIUS OF EXISTING POLE #H17C324 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False

PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Monday, March 15, 2021 2:06 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA150478

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA150478	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/15/21 12:05	Seq Num:	1

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	ROBERT SALAS
Company Fax:		Alternate Contact Phone:	(505) 934-1277
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/17/21 AT 12:15
County:	BERNALILLO	Expire Date:	04/07/21 AT 12:15
Place:	ALBUQUERQUE		
Address:	1101 FLORIDA st SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.059777	Longitude:	-106.573828
Secondary Lat:	35.059911	Secondary Long:	-106.573695
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17C344 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Tuesday, March 16, 2021 2:05 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA160445

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA160445	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/16/21 12:04	Seq Num:	2

Excavator Information

Company:	TED MARTINEZ	Main Contact Phone:	(505) 385-6143
Address:	2821 RIDGECREST DR SE	Secondary Phone:	
City, St, Zip:	ALBUQUERQUE, NM 87108	Main Contact Email:	
Company Phone:	(505) 385-6143	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	TED MARTINEZ	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/18/21 AT 12:00
County:	BERNALILLO	Expire Date:	04/08/21 AT 12:00
Place:	ALBUQUERQUE		
Address:	2825 RIDGECREST DR SE		
Intersection:	KENTUCKY ST SE		
Latitude:	35.053139	Longitude:	-106.569963
Secondary Lat:	35.053139	Secondary Long:	-106.569963
Work Type:	Install - Sewer System	Working For:	TED MARTINEZ
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

AREA MARKED IN WHITE

Remarks

TYPE OF WORK - INSTALL NEW SEWER LINE Hazards: None // Access: Open // Animals: None

TRSQ: [W8T10NR03ES36NE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

1

MCI1	MCI CABLE SEC	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Wednesday, March 17, 2021 3:00 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA170415

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA170415	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/17/21 12:59	Seq Num:	1

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	DOMINIC SANCHEZ
Company Fax:		Alternate Contact Phone:	(505) 280-2789
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/19/21 AT 13:00
County:	BERNALILLO	Expire Date:	04/09/21 AT 13:00
Place:	ALBUQUERQUE		
Address:	901 INDIANA ST SE		
Intersection:	ANDERSON AVE SE		
Latitude:	35.0634	Longitude:	-106.571582
Secondary Lat:	35.063534	Secondary Long:	-106.571448
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D114 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False

1

QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Tuesday, March 16, 2021 11:01 AM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA160166

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA160166	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/16/21 09:00	Seq Num:	1

Excavator Information

Company:	WILSON ELECTRIC SERVICES CORP	Main Contact Phone:	(505) 410-7616
Address:	501 GENERAL SOMERVILLE ST	Secondary Phone:	
City, St, Zip:	ALBUQUERQUE, NM 87123	Main Contact Email:	PTRUJILLO@WILSONELECTRIC.NET
Company Phone:	(505) 271-8773	Alternate Contact:	MATTHEW WALSTROM
Company Fax:		Alternate Contact Phone:	(505) 237-3208
Main Contact:	PATRICK TRUJILLO	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/18/21 AT 09:00
County:	BERNALILLO	Expire Date:	04/08/21 AT 09:00
Place:	KIRTLAND AFB		
Address:	RIDGECREST AVE SE		
Intersection:	PENNSYLVANIA ST SE		
Latitude:	35.045451	Longitude:	-106.57043
Secondary Lat:	35.052249	Secondary Long:	-106.559551
Work Type:	Trenching - See Remarks	Working For:	WILSON ELECTRIC SERVICES CORP
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

SPOT THE AREA PRE MARKED WHITE BUILDING 19088 ON THE SW CORNER OF THE INTERSECTION Area Marked in White

Remarks

TYPE OF WORK TO INSTALL LINES Hazards: None // Access: KIRTLAND AFB ACCESS // Animals: None

TRSQ: [W8T10NR03ES36NE] [W8T10NR03ES36SE] [W8T10NR04ES31NW] [W8T10NR04ES31SW]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

MCI1	MCI CABLE SEC	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
NML3	LEVEL 3 NOW CENTURYLINK	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Wednesday, March 17, 2021 4:56 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA170564

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA170564	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/17/21 14:55	Seq Num:	3

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	SHAWN LAVERY
Company Fax:		Alternate Contact Phone:	(505) 506-6425
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/19/21 AT 15:00
County:	BERNALILLO	Expire Date:	04/09/21 AT 15:00
Place:	ALBUQUERQUE		
Address:	1025 FLORIDA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.060682	Longitude:	-106.573754
Secondary Lat:	35.060739	Secondary Long:	-106.573496
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17C340 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Wednesday, March 17, 2021 4:56 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA170565

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA170565	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/17/21 14:55	Seq Num:	4

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	SHAWN LAVERY
Company Fax:		Alternate Contact Phone:	(505) 506-6425
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/19/21 AT 15:00
County:	BERNALILLO	Expire Date:	04/09/21 AT 15:00
Place:	ALBUQUERQUE		
Address:	1033 FLORIDA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.060364	Longitude:	-106.573777
Secondary Lat:	35.060394	Secondary Long:	-106.573492
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17C341 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

1

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Wednesday, March 17, 2021 3:01 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA170418

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA170418	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/17/21 13:00	Seq Num:	2

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	DOMINIC SANCHEZ
Company Fax:		Alternate Contact Phone:	(505) 280-2789
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/19/21 AT 13:00
County:	BERNALILLO	Expire Date:	04/09/21 AT 13:00
Place:	ALBUQUERQUE		
Address:	929 INDIANA ST SE		
Intersection:	ROSS AVE SE		
Latitude:	35.06217	Longitude:	-106.571592
Secondary Lat:	35.062304	Secondary Long:	-106.571459
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D117 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Thursday, March 18, 2021 1:22 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA180363

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA180363	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/18/21 11:21	Seq Num:	1

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	SHAWN LAVERY
Company Fax:		Alternate Contact Phone:	(505) 506-6425
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/22/21 AT 11:30
County:	BERNALILLO	Expire Date:	04/12/21 AT 11:30
Place:	ALBUQUERQUE		
Address:	1005 INDIANA ST SE		
Intersection:	ROSS AVE SE		
Latitude:	35.061539	Longitude:	-106.571597
Secondary Lat:	35.061673	Secondary Long:	-106.571463
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D020 MARKED IN WHITE IN ALLEY BEHIND ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Thursday, March 18, 2021 1:23 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA180368

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA180368	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/18/21 11:22	Seq Num:	4

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	SHAWN LAVERY
Company Fax:		Alternate Contact Phone:	(505) 506-6425
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/22/21 AT 11:30
County:	BERNALILLO	Expire Date:	04/12/21 AT 11:30
Place:	ALBUQUERQUE		
Address:	1013 INDIANA ST SE		
Intersection:	ROSS AVE SE		
Latitude:	35.06114	Longitude:	-106.571602
Secondary Lat:	35.061273	Secondary Long:	-106.571468
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D041 MARKED IN WHITE IN ALLEY BEHIND ADDRESS

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Thursday, March 18, 2021 1:23 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA180367

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA180367	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/18/21 11:22	Seq Num:	3

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	SHAWN LAVERY
Company Fax:		Alternate Contact Phone:	(505) 506-6425
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/22/21 AT 11:30
County:	BERNALILLO	Expire Date:	04/12/21 AT 11:30
Place:	ALBUQUERQUE		
Address:	937 INDIANA ST SE		
Intersection:	ROSS AVE SE		
Latitude:	35.061858	Longitude:	-106.571583
Secondary Lat:	35.061991	Secondary Long:	-106.571449
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D019 MARKED IN WHITE NEXT TO ALLEY ENTRANCE SW CORNER OF ADDRESS.

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Thursday, March 18, 2021 1:23 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA180369

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA180369	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/18/21 11:22	Seq Num:	5

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	SHAWN LAVERY
Company Fax:		Alternate Contact Phone:	(505) 506-6425
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/22/21 AT 11:30
County:	BERNALILLO	Expire Date:	04/12/21 AT 11:30
Place:	ALBUQUERQUE		
Address:	1033 INDIANA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.060199	Longitude:	-106.57162
Secondary Lat:	35.060333	Secondary Long:	-106.571487
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D033 MARKED IN WHITE IN ALLEY BEHIND ADDRESS

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Thursday, March 18, 2021 1:23 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA180371

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA180371	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/18/21 11:22	Seq Num:	6

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	SHAWN LAVERY
Company Fax:		Alternate Contact Phone:	(505) 506-6425
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/22/21 AT 11:30
County:	BERNALILLO	Expire Date:	04/12/21 AT 11:30
Place:	ALBUQUERQUE		
Address:	1105 INDIANA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.059701	Longitude:	-106.571613
Secondary Lat:	35.059834	Secondary Long:	-106.571479
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D032 MARKED IN WHITE IN ALLEY BEHIND ADDRESS

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False

PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Thursday, March 18, 2021 1:22 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA180365

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA180365	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/18/21 11:22	Seq Num:	2

Excavator Information

Company:	American Power	Main Contact Phone:	(505) 379-0729
Address:	4921 Alexander Blvd NE suite C	Secondary Phone:	5055081705
City, St, Zip:	Albuquerque, NM 87107	Main Contact Email:	patrick.garcia@AMRPWR.com
Company Phone:	(505) 508-1705	Alternate Contact:	SHAWN LAVERY
Company Fax:		Alternate Contact Phone:	(505) 506-6425
Main Contact:	Patrick Garcia	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/22/21 AT 11:30
County:	BERNALILLO	Expire Date:	04/12/21 AT 11:30
Place:	ALBUQUERQUE		
Address:	1105 GEORGIA ST SE		
Intersection:	EASTERN AVE SE		
Latitude:	35.059743	Longitude:	-106.572729
Secondary Lat:	35.059877	Secondary Long:	-106.572595
Work Type:	Replace - Pole	Working For:	PNM
Pre-marked:	Yes	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

20FT RADIUS OF EXISTING POLE #H17D029 MARKED IN WHITE IN ALLEY BEHIND ADDRESS

Remarks

NO HAZARDS OPEN ACCESS

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
JONE	COMCAST - ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Monday, March 22, 2021 1:00 PM
To: NM811BFF
Subject: NM811 Locate Ticket: 21MA220442

NM811 LOCATE REQUEST

TICKET NUMBER:	21MA220442	Update of:	
Ticket Type:	Standard Locate	For Code:	KAFB
Creation Date:	03/22/21 10:59	Seq Num:	1

Excavator Information

Company:	SUNNY FENCE COMPANY	Main Contact Phone:	(505) 401-0830
Address:	2709 BROADWAY SE	Secondary Phone:	
City, St, Zip:	ALBUQUERQUE, NM 87102	Main Contact Email:	GRSUNNY@EARTHLINK.NET
Company Phone:	(505) 842-1302	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	GERALD ROMO	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/24/21 AT 11:00
County:	BERNALILLO	Expire Date:	04/14/21 AT 11:00
Place:	ALBUQUERQUE		
Address:	LOUISIANA BLVD SE		
Intersection:	GIBSON BLVD SE		
Latitude:	35.056802	Longitude:	-106.568875
Secondary Lat:	35.058093	Secondary Long:	-106.567437
Work Type:	Bore-Auger - Holes	Working For:	MAXTECH CONTRACTORS
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

FROM THE INTER, GO S ON LOUISIANA BLVD FOR 200FT TO EXISTING CHAIN LINK FENCE ON E SIDE OF ROAD.

Spotting Instructions

SPOT ALONG PERIMETER OF EXISTING FENCING Area Marked in White

Remarks

TYPE OF WORK: AUGER FOR FENCE POSTS Hazards: None // Access:Open // Animals: None

TRSQ: [W8T10NR03ES25SE] [W8T10NR03ES36NE] [W8T10NR04ES30SW] [W8T10NR04ES31NW]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
ADBC	ADB COMPANIES	False

COA	CITY OF ALBUQUERQUE	False
KAFB	KIRTLAND AIR FORCE BASE	False
MCI1	MCI CABLE SEC	False
NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
QLNN	CENTURYLINK LOCAL NETWORK CENTRAL	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Sultana, Sharmin

From: eticket@nm811.org
Sent: Tuesday, March 30, 2021 7:27 PM
To: NM811BFF
Subject: NM811 Emergency Locate Ticket: 21MA300687

Importance: High

NM811 EMERGENCY LOCATE REQUEST

TICKET NUMBER:	21MA300687	Update of:	
Ticket Type:	Emergency Locate	For Code:	KAFB
Creation Date:	03/30/21 17:26	Seq Num:	1

Excavator Information

Company:	ABCWUA	Main Contact Phone:	(505) 917-1040
Address:	5501 Pino AVE NE	Secondary Phone:	(505) 842-9287 OPT 1
City, St, Zip:	Albuquerque, NM 87109	Main Contact Email:	jdoyle@abcwua.org
Company Phone:	(505) 842-9287	Alternate Contact:	
Company Fax:		Alternate Contact Phone:	
Main Contact:	RON VIGIL	Alternate Contact Email:	

Work Information

State:	NM	Work To Begin:	03/30/21 AT 19:30
County:	BERNALILLO		
Place:	ALBUQUERQUE		
Address:	1109 GEORGIA ST SE		
Intersection:	EASTERN AVE		
Latitude:	35.059507	Longitude:	-106.572693
Secondary Lat:	35.059718	Secondary Long:	-106.572211
Work Type:	Emergency - Water	Working For:	ABCWUA
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

Spotting Instructions

FRONT OF PROPERTY BOTH SIDES OF THE ST

Remarks

TRSQ: [W8T10NR03ES25SE]

Utilities Notified:

Code	Name	Manually Added
ABQWA	ALBUQUERQUE/BERNALILLO COUNTY WUA	False
KAFB	KIRTLAND AIR FORCE BASE	False

NMGAQ	NEW MEXICO GAS COMPANY - ALBUQUERQUE	False
PNMAB	PNM ELECTRIC - ALBUQUERQUE	False
UPN	UNITE PRIVATE NETWORKS, LLC	False

Appendix G-3

Groundwater Treatment System Performance

Sample Collection Logs

(January-March 2021)

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-011221

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (801)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF1-011221	01/12/21	0940	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-EFF1DUP-011221	01/12/21	0940	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-GAC1-011221	01/12/21	0952	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-INF1-011221	01/12/21	1024	6	--	3	--	2	--	1*	--	--	--	--	--	
5	GWTS-TB01-011221	01/12/21	1030	4	--	2	--	2	--	--	--	--	--	--	--	
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): J Livingston
COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1083

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
J Livingston	1/12/21	1500			

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS2-011221

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
PROJECT SITE AND PHASE: ST106/SS111

LABORATORY NAME AND CONTACT:
Eurofins Lancaster Laboratories
2425 New Holland Pike Lancaster PA 17601

LAB PO NUMBER: 21295

FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA
Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA

LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

YEAR: 2021
QUARTER: Q1

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-011221	01/12/21	0900	18	--	9	--	6	--	3*	--	--	--	--	--	Additional Volume Provided for MSMSD
2	GWTS-GAC2-011221	01/12/21	0915	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-011221	01/12/21	0922	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-FB02-011221	01/12/21	0900	5	--	3	--	2	--	--	--	--	--	--	--	Collected simultaneously with GWTS-EFF2-011221
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1083

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
J Livingston	1/12/21	1500			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

Groundwater Purge and Sampling Log

Year: 2021
Quarter: Q1 January

Project: Kirtland AFB BFF ST-106/SS-111 Well ID:

Purge Information and Field Parameter Date: 01/12/21

Purge Start Time: -- Purge Rate: -- L/min X 0.265 = -- gal/min

Description of first water purged: Clear, odorless

Drawdown Limit: -- ft (based on previous water level)

Time	Sample Location	Facility	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
Historical Data:									
1001	EFF1	GWTS	0.39	19.6	79.71	7.07	584	7.48	345.2
1006	GAC1	GWTS	0.27	19.7	41.1	3.77	591	7.53	319.3
1008	INF1	GWTS	0.57	19.7	72.9	6.66	590	7.78	255.7
1013	EFF2	GWTS	0.22	19.9	55.8	5.07	449.3	7.32	157.9
1016	GAC2	GWTS	0.48	19.9	9.5	0.87	453.8	7.36	171.9
1018	INF2	GWTS	0.29	19.9	67.1	6.11	451.7	7.70	154.2

Sample Time: 1001 – 1018 Sample Date: 01/12/21

Purge End Time: –

Bubbles in the vials? ☐ Yes ☒ No Where? NA Amount NA Size NA

Sampled by: JOSH LIVINGSTON Sampler Signature:

IDW Management

Drum No.	Estimated volume per IDW drum (gal)
1	–
2	–
Total	–

IDW will be taken to: –

IDW Label: –

Sample Information

Sample ID: GWTS-XXXX-011221
Duplicate ID: (if applicable) GWTS-EFFXDUP-011221
COC#: COC-GWTSX-011221
Sampling Method: Tap
Sampling Medium: Water

Comments:

Reviewed by: Initials: Review Date:

Page 1 of 1

EA 225 Schilling Circle Suite 400 Hunt Valley MD Tel No: (410) 584-7000 Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS3-011221

PROJECT NAME: Kirtland AFB Bulk Fuels Facility

PROJECT NUMBER: ~~62509DM01~~ JL 6360401

LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601

FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA

FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA

YEAR: 2021

QUARTER: Q1

PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: ~~14000~~ JL 21295

LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-GAC1-A1-011221	01/12/21	1054	2	--	--	--	2	--	--	--	--	--	--	--	
2	GWTS-GAC1-A2-011221	01/12/21	1056	2	--	--	--	2	--	--	--	--	--	--	--	
3	GWTS-GAC1-A3-011221	01/12/21	1058	2	--	--	--	2	--	--	--	--	--	--	--	
4	GWTS-GAC1-B1-011221	01/12/21	1101	2	--	--	--	2	--	--	--	--	--	--	--	
5	GWTS-GAC1-B2-011221	01/12/21	1102	2	--	--	--	2	--	--	--	--	--	--	--	
6	GWTS-GAC1-B3-011221	01/12/21	1104	2	--	--	--	2	--	--	--	--	--	--	--	

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: Fedex: 8161 4700 3402

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
J Livingston	1/12/21	1500			

EA 225 Schilling Circle Suite 400 Hunt Valley MD Tel No. (410) 584-7000 Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS2-020521

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
				ANALYSIS REQUIRED (Specify number of bottles)												
1	GWTS-EFF2-020521	02/05/21	0930	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-EFF2DUP-020521	02/05/21	0930	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-GAC2-020521	02/05/21	0943	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-INF2-020521	02/05/21	0954	6	--	3	--	2	--	1*	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1212

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
J Livingston	2/5/21	1200			

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-020521

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF1-020521	02/05/21	0900	18	--	9	--	6	--	3*	--	--	--	--	--	Additional Volume Provided for MS/MSD
2	GWTS-GAC1-020521	02/05/21	0913	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF1-020521	02/05/21	0920	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-FB01-020521	02/05/21	0900	5	--	3	--	2	--	--	--	--	--	--	--	Collected simultaneously with GWTS-EFF1-020521
5	GWTS-TB01-020521	02/05/21	1000	4	--	2	--	2	--	--	--	--	--	--	--	
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): J Livingston
COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1212

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
J Livingston	2/5/21 JL	1200			

Groundwater Purge and Sampling Log

Year: 2021
Quarter: Q1 February

Project: Kirtland AFB BFF ST-106/SS-111 Well ID:

Purge Information and Field Parameter Date: 2/5/21

Purge Start Time: -- Purge Rate: -- L/min X 0.265 = -- gal/min

Description of first water purged: Clear, odorless

Drawdown Limit: -- ft (based on previous water level)

Time	Sample Location	Facility	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
Historical Data:									
0855	EFF1	GWTS	0.23	19.6	62.7	5.49	472.1	7.45	258.8
0911	GAC1	GWTS	0.22	19.3	48.9	4.51	477.2	7.55	114.7
0918	INF1	GWTS	0.25	19.6	68.4	6.27	475.8	7.78	87.8
0926	EFF2	GWTS	0.14	19.7	49.8	4.55	366.2	7.41	25.1
0938	GAC2	GWTS	0.12	19.7	12.4	1.14	365.3	7.47	53.2
0950	INF2	GWTS	0.19	19.9	62.2	5.65	383.6	7.74	90.2

Sample Time: 0855 – 0950 Sample Date: 2/5/21

Purge End Time: –

Bubbles in the vials? ☐ Yes ☒ No Where? NA Amount NA Size NA

Sampled by: JOSH LIVINGSTON Sampler Signature:

IDW Management

Drum No.	Estimated volume per IDW drum (gal)
1	–
2	–
Total	–

IDW will be taken to: –

IDW Label: –

Sample Information

Sample ID: GWTS-XXXX-020521
Duplicate ID: (if applicable) GWTS-EFFXDUP-020521
COC#: COC-GWTSX-020521
Sampling Method: Tap
Sampling Medium: Water

Comments:

Reviewed by: Initials: Review Date: Page 1 of 1

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No. (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS2-032421

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
PROJECT SITE AND PHASE: ST106/SS111

LABORATORY NAME AND CONTACT:
Eurofins Lancaster Laboratories
2425 New Holland Pike Lancaster PA 17601

LAB PO NUMBER: 14800

FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA
Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA

LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

YEAR: 2021
QUARTER: Q1

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total As,Pb,Ca,K,Na,Mg	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM4500NH3) Ammonia	(SM4500S2CF) Sulfide	(SM2320B) Alkalinity	COMMENTS
				ANALYSIS REQUIRED (Specify number of bottles)												
1	GWTS-EFF2-032421	03/24/2021	0910	18	--	9	--	6	--	3*	--	--	--	--	--	Additional Volume Provided for MSMSD
2	GWTS-GAC2-032421	03/24/2021	0935	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-032421	03/24/2021	0945	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-FB02-032421	03/24/2021	0910	5	--	3	--	2	--	--	--	--	--	--	--	Collected simultaneously with GWTS-EFF2-020520
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): P. Ferrari

COURIER AND SHIPPING NUMBER: Fedex: 8155 2829 1696

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
Pete Ferrari Pete Ferrari	3-24-21	1115			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

EA 225 Schilling Circle Suite 400 Hunt Valley MD Tel No: (410) 584-7000 Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-032421

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
PROJECT SITE AND PHASE: ST106/SS111

LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
LAB PO NUMBER: 14800

FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

YEAR: 2021
QUARTER: Q1

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total As,Pb,Ca,K,Na,Mg	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM4500NH3) Ammonia	(SM4500S2CF) Sulfide	(SM2320B) Alkalinity	COMMENTS
				ANALYSIS REQUIRED (Specify number of bottles)												
1	GWTS-EFF1-0302421	03/24/2021	0955	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-EFF1DUP-020520	03/24/2021	0955	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-GAC1-020520	03/24/2021	1005	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-INF1-020520	03/24/2021	1018	6	--	3	--	2	--	1*	--	--	--	--	--	
5	GWTS-TB01-020520	03/24/2021	1025	4	--	2	--	2	--	--	--	--	--	--	--	
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): P. Ferrari

COURIER AND SHIPPING NUMBER: Fedex: 8155 2829 1696

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
Pete Ferrari	3-24-21	1115			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

Groundwater Purge and Sampling Log

Year: 2021
Quarter: Q1 March

Project: Kirtland AFB BFF ST-106/SS-111 Well ID:

Purge Information and Field Parameter

Date: 03/24/2021

Purge Start Time: -- Purge Rate: -- L/min X 0.265 = -- gal/min

Description of first water purged:

Drawdown Limit: -- ft (based on previous water level)

Time	Sample Location	Facility	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
Historical Data:									
0949	EFF1	GWTS	0.55	19.6	59.7	5.47	471.8	7.28	157.4
1001	GAC1	GWTS	1.01	19.4	46.7	4.31	474.2	7.41	71.0
1012	INF1	GWTS	0.68	19.5	72.6	6.65	475.7	7.72	90.1
0855	EFF2	GWTS	0.57	19.5	48.0	4.40	362.1	7.50	78.0
0931	GAC2	GWTS	0.39	19.5	8.0	0.74	362.8	7.34	85.0
0941	INF2	GWTS	0.49	20.0	67.1	6.06	366.2	7.66	117.7
					--				

Sample Time: Sample Date: 03/24/2021

Purge End Time: --

Bubbles in the vials? ☐ Yes ☐ No Where? Amount Size

Sampled by: Sampler Signature:

IDW Management

Drum No.	Estimated volume per IDW drum (gal)
1	--
2	--
Total	--

IDW will be taken to: --

IDW Label: --

Sample Information

Sample ID: GWTS-XXXX-032121
Duplicate ID: (if applicable) GWTS-EFFXDUP-032421
COC#: COC-GWTSX-032421
Sampling Method: Tap
Sampling Medium: Water

Comments:

Reviewed by: Initials: Review Date:

Page 1 of 1

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No. (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS4-011221

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: ~~62599DM01~~ JL 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: ~~14000~~ JL 21295
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-GAC2-A1-011221	01/12/21	1107	2	--	--	--	2	--	--	--	--	--	--	--	
2	GWTS-GAC2-A2-011221	01/12/21	1109	2	--	--	--	2	--	--	--	--	--	--	--	
3	GWTS-GAC2-A3-011221	01/12/21	1110	2	--	--	--	2	--	--	--	--	--	--	--	
4	GWTS-GAC2-B1-011221	01/12/21	1112	2	--	--	--	2	--	--	--	--	--	--	--	
5	GWTS-GAC2-B2-011221	01/12/21	1114	2	--	--	--	2	--	--	--	--	--	--	--	
6	GWTS-GAC2-B3-011221	01/12/21	1116	2	--	--	--	2	--	--	--	--	--	--	--	
7	GWTS-TB02-011221	01/12/21	1030	2	--	--	--	2	--	--	--	--	--	--	--	

SAMPLER(S): J Livingston
COURIER AND SHIPPING NUMBER: Fedex: 8161 4700 3402

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
J Livingston	1/12/21	1500			

TURN AROUND TIME 5 DAYS

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-030321

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 6360401	LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	FAX AND MAIL REPORTS/EDD TO Tara Lamond tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA	YEAR: 2021
			FAX AND MAIL REPORTS/EDD TO Pam Moss: pmoss@eaest.com EA	QUARTER: Q2
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 21295	LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258	

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total As,Pb,Ca,K,Na,Mg	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM4500NH3) Ammonia	(SM4500S2CF) Sulfide	(SM2320B) Alkalinity	COMMENTS
				ANALYSIS REQUIRED (Specify number of bottles)												
1	GWTS-EFF2-030321	03/03/21	1725	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-GAC2-030321	03/03/21	1730	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-030321	03/03/21	1737	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-030321	03/03/21	~~1740~~ 1740	4	--	2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): JOSH LIVINGSTON

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1418

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: JOSH LIVINGSTON	3/3/21	1830	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

Groundwater Purge and Sampling Log

Year: 2021
Quarter: Q2 March

Project: Kirtland AFB BFF ST-106/SS-111 Well ID:

Purge Information and Field Parameter Date: 03/03/21

Purge Start Time: -- Purge Rate: -- L/min X 0.265 = -- gal/min

Description of first water purged: clear, odorless

Drawdown Limit: -- ft (based on previous water level)

Time	Sample Location	Facility	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
Historical Data:									
~~1715~~	EFF2	GWTS	0.53	19.5	56.1	5.13	1594	9.23	181.0
1728	GAC2	GWTS	0.21	19.7	5.9	0.51	1073	7.22	168.6
1735	INF2	GWTS	0.18	19.9	62.8	5.72	763	7.73	112.9

Sample Time: ~~1715~~-1735 Sample Date: 03/03/21

Purge End Time: --

Bubbles in the vials? ☐ Yes ☒ No Where? NA Amount NA Size NA

Sampled by: JOSH LIVINGSTON Sampler Signature:

IDW Management

Drum No.	Estimated volume per IDW drum (gal)
1	--
2	--
Total	--

IDW will be taken to: --

IDW Label: --

Sample Information

Sample ID: GWTS-XXXX-030321
Duplicate ID: (if applicable) GWTS-EFFXDUP-030321
COC#: COC-GWTSX-030321
Sampling Method: Tap
Sampling Medium: Water

Comments:

Reviewed by: Initials: Review Date: Page 1 of 1

TURN AROUND TIME 5 DAYS

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-030421

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 6360401	LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA; FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188

YEAR: 2021
QUARTER: Q2

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-030421	03/04/21	1136	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-GAC2-030421	03/04/21	1147	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-030421	03/04/21	1158	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-030421	03/04/21	1200	4	--	2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): Josh Livingston

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1429

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
Josh Livingston	3/4/21	1530			
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

Groundwater Purge and Sampling Log

Year: 2021
Quarter: Q2 March

Project: Kirtland AFB BFF ST-106/SS-111 Well ID:

Purge Information and Field Parameter

Date: 03/04/21

Purge Start Time: -- Purge Rate: -- L/min X 0.265 = -- gal/min

Description of first water purged: clear, odorless

Drawdown Limit: -- ft (based on previous water level)

Time	Sample Location	Facility	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
Historical Data:									
1131	EFF2	GWTS	0.64	19.7	53.2	4.79	836	8.88	245.0
1142	GAC2	GWTS	0.14	19.5	29.0	7.66	758	7.57	253.1
1151	INF2	GWTS	0.57	19.8	54.7	4.97	765	7.89	219.7

Sample Time: 1131 - 1151 Sample Date: 03/04/21

Purge End Time: --

Bubbles in the vials? ☐ Yes ☒ No Where? NA Amount NA Size NA

Sampled by: Josh Lwington Sampler Signature:

IDW Management

Drum No.	Estimated volume per IDW drum (gal)
1	--
2	--
Total	--

IDW will be taken to: --

IDW Label: --

Sample Information

Sample ID: GWTS-XXXX-030421
Duplicate ID: (if applicable) GWTS-EFFXDUP-030421
COC#: COC-GWTSX-030421
Sampling Method: Tap
Sampling Medium: Water

Comments:

Reviewed by: Initials: Review Date: Page 1 of 1

TURN AROUND TIME 5 DAYS

EA 225 Schilling Circle Suite 400 Hunt Valley MD Tel No. (410) 584-7000 Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-030521

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 6360401	LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
			YEAR: 2021
			QUARTER: Q2
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
				ANALYSIS REQUIRED (Specify number of bottles)												
1	GWTS-EFF2-030521	03/05/21	1121	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-EFF2DUP-030521	03/05/21	1121	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-GAC2-030521	03/05/21	1135	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-INF2-030521	03/05/21	1145	6	--	3	--	2	--	1*	--	--	--	--	--	
5	GWTS-TB01-030521	03/05/21	1200	4	--	2	--	2	--	--	--	--	--	--	--	
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): JOSH LIVINGSTON

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1430

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
JOSH LIVINGSTON	3/5/21	1300			

Groundwater Purge and Sampling Log

Year: 2021
Quarter: Q2 March

Project: Kirtland AFB BFF ST-106/SS-111 Well ID:

Purge Information and Field Parameter Date: 03/05/21

Purge Start Time: -- Purge Rate: -- L/min X 0.265 = -- gal/min

Description of first water purged: Clear, odorless

Drawdown Limit: -- ft (based on previous water level)

Time	Sample Location	Facility	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
Historical Data:									
1111	EFF2	GWTS	0.60	19.6	45.8	4.20	862	8.28	325.5
1131	GAC2	GWTS	0.27	19.2	27.9	2.57	824	7.60	310.0
1140	INF2	GWTS	0.85	19.6	51.6	4.69	832	7.77	292.2

Sample Time: 1111 - 1140 Sample Date: 03/05/21

Purge End Time: --

Bubbles in the vials? ☐ Yes ☒ No Where? NA Amount NA Size NA

Sampled by: JOSH LIVINGSTON Sampler Signature:

IDW Management

Drum No.	Estimated volume per IDW drum (gal)
1	--
2	--
Total	--

IDW will be taken to: --

IDW Label: --

Sample Information

Sample ID: GWTS-XXXX-030521
Duplicate ID: (if applicable) GWTS-EFFXDUP-030521
COC#: COC-GWTSX-030521
Sampling Method: Tap
Sampling Medium: Water

Comments:

Reviewed by: Initials: Review Date:

Page 1 of 1

TURN AROUND TIME 5 DAYS

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No (410) 584-7000
Fax No (410) 771 7625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-030821

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 6360401	LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA	YEAR: 2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: Q2
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188	

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
				ANALYSIS REQUIRED (Specify number of bottles)												
1	GWTS-EFF2-030621	03/06/21	0900	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-GAC2-030621	03/06/21	0910	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-030621	03/06/21	0920	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-030621	03/06/21	0930	4	--	2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): JOSH LIVINGSTON

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1440

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
JOSH LIVINGSTON	3/8/21	1300			

Groundwater Purge and Sampling Log

Year: 2021
Quarter: Q2 March

Project: Kirtland AFB BFF ST-106/SS-111 Well ID:

Date: 03/06/21

Purge Information and Field Parameter

Purge Start Time: -- Purge Rate: -- L/min X 0.265 = -- gal/min

Description of first water purged: Clear, odorless

Drawdown Limit: -- ft (based on previous water level)

Time	Sample Location	Facility	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
Historical Data:									
0900	EFF2	GWTS	0.29	19.5	46.0	4.20	913	8.41	298.3
0910	GAC2	GWTS	0.14	19.0	23.7	2.18	858	7.73	303.7
0920	INF2	GWTS	0.14	19.6	59.1	5.39	813	7.89	268.0

Sample Time: 0900-0920 Sample Date: 03/06/21

Purge End Time: --

Bubbles in the vials? ☐ Yes ☒ No Where? NA Amount NA Size NA

Sampled by: JOSH LIVINGSTON Sampler Signature:

IDW Management

Drum No.	Estimated volume per IDW drum (gal)
1	--
2	--
Total	--

IDW will be taken to: --

IDW Label: --

Sample Information

Sample ID: GWTS-XXXX-030621
Duplicate ID: (if applicable) GWTS-EFFXDUP-030621
COC#: COC-GWTSX-030621
Sampling Method: Tap
Sampling Medium: Water

Comments:

Reviewed by: Initials: Review Date:

Page 1 of 1

TURN AROUND TIME 5 DAYS

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No. (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS2-030821

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond tlamond@eaest.com EA; Amanda Smith asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q2
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-030721	03/07/21	0840	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-GAC2-030721	03/07/21	0849	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-030721	03/07/21	0857	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-030721	03/07/21	0900	4	--	2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): JOSH LIVINGSTON
COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1440

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
JOSH LIVINGSTON	3/8/21	1300			

Groundwater Purge and Sampling Log

Year: 2021
Quarter: Q2 March

Project: Kirtland AFB BFF ST-106/SS-111 Well ID:

Date: 03/07/21

Purge Information and Field Parameter

Purge Start Time: -- Purge Rate: -- L/min X 0.265 = -- gal/min

Description of first water purged: Clear, odorless

Drawdown Limit: -- ft (based on previous water level)

Time	Sample Location	Facility	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
Historical Data:									
0840	EFF2	GWTS	0.52	19.7	46.7	4.21	859	8.17	275.1
0849	GAC2	GWTS	0.19	19.7	22.6	2.06	834	7.72	283.1
0857	INF2	GWTS	0.23	19.5	58.1	5.31	831	7.77	273.3

Sample Time: 0840-0857 Sample Date: 03/07/21

Purge End Time: --

Bubbles in the vials? ☐ Yes ☒ No Where? NA Amount NA Size NA

Sampled by: JOSH LIVINGSTON Sampler Signature:

IDW Management

Drum No.	Estimated volume per IDW drum (gal)
1	--
2	--
Total	--

IDW will be taken to: --

IDW Label: --

Sample Information

Sample ID: GWTS-XXXX-030721
Duplicate ID: (if applicable) GWTS-EFFXDUP-030721
COC#: COC-GWTSX-030721
Sampling Method: Tap
Sampling Medium: Water

Comments:

Reviewed by: Initials: Review Date:

Page 1 of 1

TURN AROUND TIME 5 DAYS

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No (410) 584-7000
Fax No (410) 771 7625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-030821

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 6360401	LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA	YEAR: 2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: Q2
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188	

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
				ANALYSIS REQUIRED (Specify number of bottles)												
1	GWTS-EFF2-030621	03/06/21	0900	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-GAC2-030621	03/06/21	0910	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-030621	03/06/21	0920	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-030621	03/06/21	0930	4	--	2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): JOSH LIVINGSTON

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1440

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
JOSH LIVINGSTON	3/8/21	1300			

TURN AROUND TIME 5 DAYS

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No. (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS2-030821

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond tlamond@eaest.com EA; Amanda Smith asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q2
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-030721	03/07/21	0840	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-GAC2-030721	03/07/21	0849	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-030721	03/07/21	0857	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-030721	03/07/21	0900	4	--	2	--	2	--	--	--	--	--	--	--	
5																
6																

ANALYSIS REQUIRED (Specify number of bottles)

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): JOSH LIVINGSTON
COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1440

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
JOSH LIVINGSTON	3/8/21	1300			

TURN AROUND TIME 5 DAYS

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS3-030821

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 6360401	LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601	FAX AND MAIL REPORTS/EDD TO: Tara Lamond tlamond@eaest.com EA; Amanda Smith asmith@eaest.com EA	YEAR: 2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss pmoss@eaest.com EA	QUARTER: Q2
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate+Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-030821	03/08/21	0848	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-GAC2-030821	03/08/21	0857	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-030821	03/08/21	0910	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-030821	03/08/21	0920	4	--	2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): JOSH LIVINGSTON

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1451

RELINQUISHED BY	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: JOSH LIVINGSTON	3/8/21	1300	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

Groundwater Purge and Sampling Log

Year: 2021
Quarter: Q2 March

Project: Kirtland AFB BFF ST-106/SS-111 Well ID:

Date: 03/06/21

Purge Information and Field Parameter

Purge Start Time: -- Purge Rate: -- L/min X 0.265 = -- gal/min

Description of first water purged: Clear, odorless

Drawdown Limit: -- ft (based on previous water level)

Time	Sample Location	Facility	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
Historical Data:									
0900	EFF2	GWTS	0.24	19.5	46.0	4.20	913	8.41	298.3
0910	GAC2	GWTS	0.14	19.0	23.7	2.18	858	7.73	303.7
0920	INF2	GWTS	0.14	19.6	59.1	5.39	813	7.89	268.0

Sample Time: 0900-0920 Sample Date: 03/06/21

Purge End Time: --

Bubbles in the vials? ☐ Yes ☒ No Where? NA Amount NA Size NA

Sampled by: JOSH LIVINGSTON Sampler Signature:

IDW Management

Drum No.	Estimated volume per IDW drum (gal)
1	--
2	--
Total	--

IDW will be taken to: --

IDW Label: --

Sample Information

Sample ID: GWTS-XXXX-030621
Duplicate ID: (if applicable) GWTS-EFFXDUP-030621
COC#: COC-GWTSX-030621
Sampling Method: Tap
Sampling Medium: Water

Comments:

Reviewed by: Initials: Review Date: Page 1 of 1

Groundwater Purge and Sampling Log

Year: 2021
Quarter: Q2 March

Project: Kirtland AFB BFF ST-106/SS-111 Well ID:

Date: 03/07/21

Purge Information and Field Parameter

Purge Start Time: -- Purge Rate: -- L/min X 0.265 = -- gal/min

Description of first water purged: Clear, odorless

Drawdown Limit: -- ft (based on previous water level)

Time	Sample Location	Facility	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
Historical Data:									
0840	EFF2	GWTS	0.52	19.7	46.7	4.21	859	8.17	275.1
0849	GAC2	GWTS	0.19	19.7	22.6	2.06	834	7.72	283.1
0857	INF2	GWTS	0.23	19.5	58.1	5.31	831	7.77	273.3

Sample Time: 0840-0857 Sample Date: 03/07/21

Purge End Time: --

Bubbles in the vials? ☐ Yes ☒ No Where? NA Amount NA Size NA

Sampled by: JOSH LIVINGSTON Sampler Signature:

IDW Management

Drum No.	Estimated volume per IDW drum (gal)
1	--
2	--
Total	--

IDW will be taken to: --

IDW Label: --

Sample Information

Sample ID: GWTS-XXXX-030721
Duplicate ID: (if applicable) GWTS-EFFXDUP-030721
COC#: COC-GWTSX-030721
Sampling Method: Tap
Sampling Medium: Water

Comments:

Reviewed by: Initials: Review Date:

Page 1 of 1

Groundwater Purge and Sampling Log

Year: 2021
Quarter: Q2 March

Project: Kirtland AFB BFF ST-106/SS-111 Well ID:

Date: 03/08/21

Purge Information and Field Parameter

Purge Start Time: -- Purge Rate: -- L/min X 0.265 = -- gal/min

Description of first water purged: Clear, odorless

Drawdown Limit: -- ft (based on previous water level)

Time	Sample Location	Facility	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
Historical Data:									
0843	EFF2	GWTS	0.26	19.8	40.1	3.65	851	8.00	126.8
0853	GAC2	GWTS	0.20	19.7	20.7	1.88	833	7.62	178.0
0902	INF2	GWTS	0.84	19.9	48.6	4.39	832	7.74	191.6

Sample Time: 0843 – 0902 Sample Date: 03/08/21

Purge End Time: –

Bubbles in the vials? ☐ Yes ☒ No Where? NA Amount NA Size NA

Sampled by: JOSH LIVINGSTON Sampler Signature:

IDW Management

Drum No.	Estimated volume per IDW drum (gal)
1	--
2	--
Total	--

IDW will be taken to: --

IDW Label: --

Sample Information

Sample ID: GWTS-XXXX-030821
Duplicate ID: (if applicable) GWTS-EFFXDUP-030821
COC#: COC-GWTSX-030821
Sampling Method: Tap
Sampling Medium: Water

Comments:

Reviewed by: Initials: Review Date: Page 1 of 1

TURN AROUND TIME 5 DAYS

EA 225 Schilling Circle Suite 400 Hunt Valley MD Tel No: (410) 584-7000 Fax No (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS3-030821

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 6360401	LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601	FAX AND MAIL REPORTS/EDD TO: Tara Lamond tlamond@eaest.com EA; Amanda Smith asmith@eaest.com EA	YEAR: 2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss pmoss@eaest.com EA	QUARTER: Q2
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate+Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-030821	03/08/21	0848	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-GAC2-030821	03/08/21	0857	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-030821	03/08/21	0910	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-030821	03/08/21	0920	4	--	2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): JOSH LIVINGSTON

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1451

RELINQUISHED BY	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: JOSH LIVINGSTON	3/5/21	1300	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

Groundwater Purge and Sampling Log

Year: 2021
Quarter: Q2 March

Project: Kirtland AFB BFF ST-106/SS-111 Well ID:

Date: 03/08/21

Purge Information and Field Parameter

Purge Start Time: -- Purge Rate: -- L/min X 0.265 = -- gal/min

Description of first water purged: Clear, odorless

Drawdown Limit: -- ft (based on previous water level)

Time	Sample Location	Facility	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
Historical Data:									
0843	EFF2	GWTS	0.26	19.8	40.1	3.65	851	8.00	126.8
0853	GAC2	GWTS	0.20	19.7	20.7	1.88	833	7.62	178.0
0902	INF2	GWTS	0.84	19.9	48.6	4.39	832	7.74	191.6

Sample Time: 0843 – 0902 Sample Date: 03/08/21

Purge End Time: –

Bubbles in the vials? ☐ Yes ☒ No Where? NA Amount NA Size NA

Sampled by: JOSH LIVINGSTON Sampler Signature:

IDW Management

Drum No.	Estimated volume per IDW drum (gal)
1	--
2	--
Total	--

IDW will be taken to: --

IDW Label: --

Sample Information

Sample ID: GWTS-XXXX-030821
Duplicate ID: (if applicable) GWTS-EFFXDUP-030821
COC#: COC-GWTSX-030821
Sampling Method: Tap
Sampling Medium: Water

Comments:

Reviewed by: Initials: Review Date: Page 1 of 1

TURN AROUND TIME 5 DAYS

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No. (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-030921

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	ANALYSIS REQUIRED (Specify number of bottles): Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total As,Pb,Ca,K,Na,Mg	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM4500NH3) Ammonia	(SM4500S2CF) Sulfide	(SM2320B) Alkalinity	COMMENTS
1	GWTS-EFF2-030921	03/09/21	0953	18	--	9	--	6	--	3*	--	--	--	--	--	Additional Volume Provided for MSMSD
2	GWTS-GAC2-030921	03/09/21	1013	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-030921	03/09/21	1022	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-030921	03/09/21	1026	4	--	~~3~~ 2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): JOSH LIVINGSTON

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1462

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
JOSH LIVINGSTON	3/9/21	1330			

Groundwater Purge and Sampling Log

Year: 2021
Quarter: Q1 March

Project: Kirtland AFB BFF ST-106/SS-111 Well ID:

Date: 03/09/21

Purge Information and Field Parameter

Purge Start Time: -- Purge Rate: -- L/min X 0.265 = -- gal/min

Description of first water purged: Clear, odorless

Drawdown Limit: -- ft (based on previous water level)

Time	Sample Location	Facility	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
Historical Data:									
0849	EFF2	GWTS	0.29	19.8	50.2	4.55	947.6	7.95	228.7
0852	GAC2	GWTS	0.12	19.7	17.5	1.58	416.9	7.43	233.9
0854	INF2	GWTS	0.58	19.9	55.7	5.02	422.2	7.73	220.4

Sample Time: 0849 - 0953 Sample Date: 03/09/21

Purge End Time: --

Bubbles in the vials? ☐ Yes ☒ No Where? NA Amount NA Size NA

Sampled by: JOSH CLINGSTON Sampler Signature:

IDW Management

Drum No.	Estimated volume per IDW drum (gal)
1	--
2	--
Total	--

IDW will be taken to: --

IDW Label: --

Sample Information

Sample ID: GWTS-XXXX-030921
Duplicate ID: (if applicable) GWTS-EFFXDUP-030921
COC#: COC-GWTSX-030921
Sampling Method: Tap
Sampling Medium: Water

Comments:

Reviewed by: Initials: Review Date:

Page 1 of 1

TURN AROUND TIME 5 DAYS

EA 225 Schilling Circle Suite 400 Hunt Valley MD Tel No. (410) 584-7000 Fax No. (410) 771-1625	CHAIN-OF-CUSTODY RECORD		COC NUMBER COC-GWTS1-031021
PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 6360401	LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA	YEAR: 2021
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA	QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188	

				ANALYSIS REQUIRED (Specify number of bottles)													
ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-031021	03/10/21	1104	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-GAC2-031021	03/10/21	1114	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-031021	03/10/21	1122	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-031021	03/10/21	1130	4	--	2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): JOSH CUNNINGHAM

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1473

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: JOSH CUNNINGHAM	3/10/21	1300	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

Groundwater Purge and Sampling Log

Year: 2021
Quarter: Q1 March

Project: Kirtland AFB BFF ST-106/SS-111 Well ID:

Purge Information and Field Parameter

Date: 03/10/21

Purge Start Time: -- Purge Rate: -- L/min X 0.265 = -- gal/min

Description of first water purged: Clear, odorless

Drawdown Limit: -- ft (based on previous water level)

Time	Sample Location	Facility	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
Historical Data:									
1104	EFF2	GWTS	0.31	19.6	51.0	4.56	450.1	7.85	231.1
1114	GAC2	GWTS	0.13	19.6	17.0	1.59	415.2	7.45	231.2
1122	INF2	GWTS	0.55	19.6	55.0	5.03	423.3	7.75	220.4

Sample Time: 1104 - 1122 Sample Date: 03/10/21

Purge End Time: --

Bubbles in the vials? ☐ Yes ☒ No Where? NA Amount NA Size NA

Sampled by: Josh Livingston Sampler Signature:

IDW Management

Drum No.	Estimated volume per IDW drum (gal)
1	--
2	--
Total	--

IDW will be taken to: --

IDW Label: --

Sample Information

Sample ID: GWTS-XXXX-031021
Duplicate ID: (if applicable) GWTS-EFFXDUP-031021
COC#: COC-GWTSX-031021
Sampling Method: Tap
Sampling Medium: Water

Comments:

Reviewed by: Initials: Review Date:

Page 1 of 1

Groundwater Purge and Sampling Log

Year: 2021
Quarter: Q2 March

Project: Kirtland AFB BFF ST-106/SS-111 Well ID:

Purge Information and Field Parameter

Date: 03/17/21

Purge Start Time: -- Purge Rate: -- L/min X 0.265 = -- gal/min

Description of first water purged:

Drawdown Limit: -- ft (based on previous water level)

Time	Sample Location	Facility	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
Historical Data:									
1219	EFF2	GWTS	0.46	19.8	36.9	3.36	372.3	7.54	66.9
1242	GAC2	GWTS	0.57	19.9	3.9	0.36	364.5	7.38	-18.3
1253	INF2	GWTS	0.60	19.9	49.9	4.54	365.7	7.69	61.7

Sample Time: Sample Date: 03/17/21

Purge End Time: -- --

Bubbles in the vials? ☐ Yes ☒ No Where? Amount Size

Sampled by: Pete Ferrari Sampler Signature:

IDW Management

Drum No.	Estimated volume per IDW drum (gal)
1	--
2	--
Total	--

IDW will be taken to: --

IDW Label: --

Sample Information

Sample ID: GWTS-XXXX-031721
Duplicate ID: (if applicable) GWTS-EFFXDUP-031721
COC#: COC-GWTSX-031721
Sampling Method: Tap
Sampling Medium: Water

Comments:

Reviewed by: Initials: Review Date:

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COPY

TURN AROUND TIME 7 DAYS

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-031721

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q2
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 14800
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-031721	03/17/21	1225	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-EFF2DUP-031721	03/17/21	1225	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-GAC2-031721	03/17/21	1245	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-INF2-031721	03/17/21	1255	6	--	3	--	2	--	1*	--	--	--	--	--	
5	GWTS-TB01-031721	03/17/21	1305	4	--	2	--	2	--	--	--	--	--	--	--	
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): Pete Ferrari
COURIER AND SHIPPING NUMBER: Fedex: 815528301484

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
Pete Ferrari Peter Jenard	3/17/2021	1430			

Groundwater Purge and Sampling Log

Year: 2021
Quarter: Q1 March

Project: Kirtland AFB BFF ST-106/SS-111 Well ID:

Purge Information and Field Parameter Date: 03/31/21

Purge Start Time: -- Purge Rate: -- L/min X 0.265 = -- gal/min

Description of first water purged: No Odor

Drawdown Limit: -- ft (based on previous water level)

Time	Sample Location	Facility	Turbidity (NTU)	Temp. (°C)	Saturated DO (%)	DO (mg/L)	Specific Conductance (µS/cm)	pH	ORP (mV)
Historical Data:									
0934	EFF2	GWTS	0.15	20.0	42.1	3.81	684	7.28	76.4
0950	GAC2	GWTS	0.08	20.10	7.70	0.70	615	7.17	71.2
1000	INF2	GWTS	0.13	19.9	60.8	5.52	683	7.48	99.8

Sample Time: — Sample Date: 03/31/21

Purge End Time: — -- —

Bubbles in the vials? ☐ Yes ☑ No Where? _____ Amount _____ Size _____

Sampled by: Pete Ferrari Sampler Signature: Pete Ferrari

IDW Management

Drum No.	Estimated volume per IDW drum (gal)
1	--
2	--
Total	--

IDW will be taken to: --

IDW Label: --

Sample Information

Sample ID: GWTS-XXXX-033121
Duplicate ID: (if applicable) GWTS-EFFXDUP-033121
COC#: COC-GWTSX-033121
Sampling Method: Tap
Sampling Medium: Water

Comments:

Reviewed by: _____ Initials: _____ Review Date: _____

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TURN AROUND TIME 5 DAYS

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-033121

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
				ANALYSIS REQUIRED (Specify number of bottles)												
1	GWTS-EFF2-033121	03/31/21	0940	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-GAC2-033121	03/31/21	0955	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-033121	03/31/21	1005	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-033121	03/31/21	1010	4	--	2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): Pete Ferrari Aaron Kupper

COURIER AND SHIPPING NUMBER: Fedex: 8161 4706 2240

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
Pete Ferrari Peter Lamond	3-31-21	1145			

APPENDIX G-4

DATA QUALITY EVALUATION REPORT – GROUNDWATER TREATMENT SYSTEM SAMPLES (JANUARY–MARCH 2021)

LIST OF ACRONYMS AND ABBREVIATIONS

%	percent
AFB	Air Force Base
BTEX	benzene, toluene, ethylbenzene, and total xylenes
DL	detection limit
DoD	Department of Defense
EC	Eurofins Calscience
EDB	ethylene dibromide
ELLE	Eurofins Lancaster Laboratories Environmental, LLC
EPA	U.S. Environmental Protection Agency
GAC	granular activated carbon
GWTS	groundwater treatment system
ICP	inductively coupled plasma
ICS	interference check sample
LCS	laboratory control sample
LCSD	laboratory control sample duplicate
LOD	limit of detection
LOQ	limit of quantification
MDL	method detection limit
MRL	method reporting limit
MS	matrix spike
MSD	matrix spike duplicate
O&M	operations and maintenance
PQL	practical quantitation limit
Q1	first quarter of the year (January 1 through March 31)
QAPP	Quality Assurance Project Plan
QC	quality control
QSM	Quality Systems Manual
RPD	relative percent different
SDG	sample delivery group
SW	Solid Waste
VOA	volatile organic analysis
VOC	volatile organic compound

G-4.1 DATA QUALITY EVALUATION REPORT – GROUNDWATER TREATMENT SYSTEM SAMPLES (JANUARY–MARCH 2021)

G-4.1.1 Laboratory Data Quality Summary

This Data Quality Evaluation Report describes the findings of the data validation performed for the analysis of samples collected during first quarter (Q1) of 2021 associated with the groundwater treatment system (GWTS) and associated extraction wells. These data were collected in support of the Work Plan, Bulk Fuels Facility Expansion of the Dissolved-Phase Plume GWTS Design Revision 2, Solid Waste Management Units ST-106 and SS-111, Kirtland Air Force Base (AFB), New Mexico (Kirtland AFB, 2017a). Sampling and analysis for the Q1 2021 events were conducted in accordance with the procedures and overall quality control (QC) and quality assurance protocols presented in the following documents: (1) Operations and Maintenance (O&M) Plan GWTS Bulk Fuels Facility Solid Waste Management Units ST-106/SS-111, Kirtland AFB, New Mexico (Kirtland AFB, 2018); (2) the Quality Assurance Project Plan (QAPP) Groundwater Monitoring and Interim Remedial Operations Bulk Fuels Facility Solid Waste Management Units ST-106/SS-111, Kirtland AFB, New Mexico (Kirtland AFB, 2020).; and (3) Standard Operating Procedure for Disinfection of the GWTS Remediation Wells and Groundwater Monitoring Wells, Discharge Permit DP-1839, Bulk Fuels Facility Solid Waste Management Units ST-106/SS-111, Kirtland AFB, New Mexico (Kirtland AFB, 2018).

Samples discussed in this report were collected during the months of January, February, and March 2021 for the GWTS and include monthly samples from (1) the untreated influent (GWTS-BFF-INF1 and GWTS-BFF-INF2), (2) a port located after the lead granular activated carbon (GAC) vessel (GWTS-BFF-GAC1 and GWTS-BFF-GAC2) but before the final GAC vessel, and (3) the treated effluent (GWTS-BFF-EFF1 and GWTS-BFF-EFF2). In addition to the monthly samples, weekly samples were collected from GWTS train 2 following granular activated carbon (GAC) changeout, and pre- and post-disinfection treatment samples were collected from well KAFB-106239. Field QC samples were collected in association with the sampling events and included five field duplicates, fourteen trip blanks, and three field blank samples.

Samples collected from the GWTS treatment trains were shipped to Eurofins Lancaster Laboratories Environmental, LLC (ELLE), Lancaster, Pennsylvania for analysis. ELLE maintains a current Department of Defense (DoD) Environmental Laboratory Accreditation Program certification to perform the analyses required for this project. Sample analyses were performed in accordance with the following guidance documents:

- DoD Quality Systems Manual (QSM), Version 5.3 (DoD, 2019)
- U.S. Environmental Protection Agency (EPA) Solid Waste (SW) 846 – Test Methods for Evaluating SW, Third Edition and Updates (1986).

Q1 2021 GWTS samples were analyzed for the following list of parameters and methods as required:

- ***Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX)***—Method SW8260C
- ***Ethylene Dibromide (EDB)***—Method SW8011
- ***Dissolved Metals (Iron and Manganese)***—Method SW6010C.

Samples collected from well KAFB-106239 for pre- and post-disinfection monitoring were shipped to Eurofins Calscience (EC), Irvine and Garden Grove, California for analysis of drinking water disinfectants. Samples were analyzed in accordance with EPA Methods for Chemical Analysis of Water and Wastes (1993) and Determination of Perchlorate in Drinking Water by Liquid Chromatography Electrospray Ionization Mass Spectrometry (2005). Disinfectant analysis included the following list of parameters:

- ***Bromate and Chlorite***—Method E300.1B
- ***Perchlorate***—Method E331.0.

Chemical analytical data for Q1 2021 were reported by ELLE in sample delivery groups (SDGs) 410-26240-1, 410-26241-1, 410-28705-1, 410-31140-1, 410-31289-1, 31471-1, 410-31600-1, 410-31601-1, 410-31602-1, 410-31799-1, 410-32032-1, 410-32785-1, 410-33631-1, 410-34304-1. Q1 2021 analytical data were reported by EC in SDGs 440-30025-1 and 440-30937-1. Appendix G-4 – Table 1 summarizes GWTS and field QC samples; collection date; laboratory SDG; and analytical parameters for the sampling events.

A third-party subcontractor, Validata Chemical Services, Inc., Duluth, Georgia, conducted EPA Stage 2B data validation on 100 percent (%) of the Q1 2021 sample data. Analytical data validation was performed using the quality criteria specified in the following documents, analytical guidelines, and methods:

- O&M Plan (Kirtland AFB, 2018)
- QAPP (Kirtland AFB, 2020)
- DoD QSM for Environmental Laboratories, Version 5.3 (DoD, 2019)
- EPA Test Methods for Evaluating SW, Physical/Chemical Methods (SW 846, Third Edition and updates) (EPA, 1986)
- EPA Methods for Chemical Analysis of Water and Wastes (EPA, 1993)
- Determination of Perchlorate in Drinking Water by Liquid Chromatography Electrospray Ionization Mass Spectrometry (EPA, 2005)
- EPA Contract Laboratory Program, National Functional Guidelines for Superfund Organic Methods Data Review (EPA, 2017a)
- EPA Contract Laboratory Program, National Functional Guidelines for Inorganic Superfund Data Review (EPA, 2017b)
- DoD General Data Validation Guidelines (DoD, 2019).

The following QC criteria were included in the EPA Stage 2B validation as applicable to the analytical method:

- Sample preservation and extraction and analysis holding times
- Laboratory method blank contamination
- Surrogate spike recoveries (organic analyses)
- Laboratory control sample (LCS) and LCS duplicate (LCSD) recoveries

- Matrix spike (MS) and matrix spike duplicate (MSD) sample recoveries
- Relative percent difference (RPD)
- Initial and continuing calibrations
- Inductively coupled plasma (ICP) interference check samples (metals)
- ICP serial dilutions (metals)
- Second column confirmation (for EDB analysis only)
- Trip and field blank results
- Field duplicate sample precision.

Analytical data were reviewed for all sampling events to evaluate precision, accuracy (bias), representativeness, comparability, completeness, and sensitivity as defined below:

- *Precision* is expressed as the RPD between the results of replicate sample analyses: sample duplicates, LCSDs, and MSDs. When analyte RPDs exceed the acceptance criteria, the data are qualified accordingly.

- *Accuracy (bias*) is demonstrated by recovery of target analytes from fortified blank and sample matrices, LCS/LCSD, and MS/MSD, respectively. For organic methods, bias is also demonstrated through recovery of surrogates from each field and QC sample. A comparison was made from the recovery of target analytes from fortified samples to the acceptance criteria defined in the QAPP and DoD QSM. When the acceptance criteria are not available in the QAPP or DoD QSM, results are compared with the laboratory in-house control limits. When these criteria are not met, the data are qualified accordingly. Bias may be indicated as high or low.

- *Representativeness* of the samples submitted for analysis is ensured by adherence to standard sampling techniques and standard analytical method protocols.

- *Comparability* of sample results is ensured through the use of approved sampling and analysis methods and comparison of sample results to historical sample data.

- *Completeness* of data is evaluated based on contractual, analytical, and technical completeness for the quarterly data. Technical completeness of data is used to assess overall project completeness and is expressed as a percentage of the ratio of the number of usable data results to the total number of analytical data results. Only rejected data (R-qualified) are considered not usable to achieve project objectives.

- *Sensitivity* is determined by the ability to achieve the established method-specific reporting limits in accordance with DoD QSM requirements and includes establishing the detection limit (DL), limit of detection (LOD), and limit of quantitation (LOQ). The DoD DL is commonly associated with the EPA method detection limit (MDL), the lowest concentration that an analyte can be detected per the analytical method. The DoD LOD is commonly associated with the EPA sample-specific reporting limit (RL), the limit at which the detected analyte is reported with 99 percent confidence. The DoD LOQ is associated with the EPA practical quantitation limit (PQL), the limit an analyte can be reported at 100 percent confidence and within method precision and accuracy. For this project, the laboratory will report positive results to the DL/MDL and results between the DL/MDL and LOQ/PQL will be flagged with a J-qualifier and reported as estimated data. Pre- and post-disinfection well data are not being reported per the DoD QSM since the analysis is being performed using drinking water methods. These analytical data are reported to the method detection limit (MDL) and positive results between the MDL and the PQL or method reporting limit will be flagged with a J-qualifier and reported as estimated data. Sensitivity is evaluated based on comparison of the sample reporting limits to the project screening levels.

The following sections present the EPA Stage 2B data validation findings for the Q1 2021 GWTS sample data. Appendix G-4 – Table 2 presents the data qualification flags and reason codes to be applied to analytical data, if required.

G-4.2 DATA QUALITY FINDINGS

G-4.2.1 Sample Preservation and Sample Extraction and Analysis Holding Times (Reason Code HT)

The sample coolers and samples contained within the coolers were received intact at the laboratory below 6 degrees Celsius, per EPA guidelines with exception of one cooler containing GWTS disinfectant samples in SDG 410-30025-1. Due to delay in delivery of the sample cooler, these were received at EC at 10 degrees Celsius. The laboratory was instructed to analyze the samples since it was not possible to recollect samples. The associated sample results for bromate, chlorite, and perchlorate were qualified "J" and "UJ" signifying estimated data. Qualified sample data based on sample receipt conditions is presented in Appendix G-4─Table 3.

All samples were preserved appropriately per the requirements of EPA method guidelines, with no exceptions. Sample holding times were evaluated by comparing the (1) sample collection date to the sample extraction date, and (2) extraction date to the analysis date to determine if the method-specified holding times were exceeded. Q1 2021 sample extraction and analysis holding times were met for all samples. No data were qualified based on holding times.

G-4.2.2 Laboratory Method Blanks (Reason Code MB)

The GWTS sample results were evaluated with respect to the laboratory method blank prepared and analyzed for each analytical batch for each analytical method. Based on the DoD QSM requirements, laboratory method blank concentrations are considered acceptable when contaminant levels in the blank are less than one-half the LOQ for target analytes and less than the LOQ for common laboratory contaminants. Analytical method-specific blank criteria were used for evaluation of the well disinfection analyses. No detections of analytes were reported in method blank samples that resulted in data qualification for the Q1 2021 samples.

G-4.2.3 Initial and Continuing Calibration Blanks (Reason Code CB/CCB)

Initial and continuing calibration blank criteria were reviewed to ensure that the instruments were free of contamination prior to sample analysis. Based on the DoD QSM requirements, calibration blank concentrations are considered acceptable when contaminant levels in the blank are less than one-half the LOQ for target analytes and less than the LOQ for common laboratory contaminants. Analytical method-specific control criteria were used for the evaluation of the well disinfection analyses. Initial and continuing calibration blank data were within control criteria for all Q1 2021 sample analyses.

G-4.2.4 Surrogate Recoveries (Reason Code SURR)

Surrogate compounds are added to field and laboratory QC samples for organic analysis to evaluate the matrix effect and method performance on an individual sample basis. All surrogate compound recoveries for the Q1 2021 and permit sample data were within method control criteria or did not result in data

qualification since the recoveries were above the control limit and the associated sample results were non-detect.

G-4.2.5 Laboratory Control Sample/Laboratory Control Sample Duplicate Recoveries and Precision (Reason Codes LCS/RPD)

The LCS is an aliquot of an analyte-free matrix spiked with target analytes that are prepared with each analytical batch for each analytical method. The recovery of target analytes from the LCS analysis is a measurement of method performance in an interference-free sample matrix. All LCS recoveries for the Q1 2021 sample data were within method control limits or above the control limit so did not result in data qualification since associated samples results were non-detect.

G-4.2.6 Matrix Spike/Matrix Spike Duplicate Recoveries and Precision (Reason Codes MS/MSD and RPD)

The MS and MSD samples are a portion of a field sample or a standard reference material spiked with target analytes that are prepared with each analytical batch and method as appropriate. The MS/MSD results are used to evaluate any bias introduced to the method due to matrix interference, and to measure bias and precision for each analytical batch.

MS/MSD project-specific samples were collected for each of the monthly GWTS sampling events and the permit monitoring, achieving the QAPP rate of one per 20 samples for the GWTS routine monitoring program. MS/MSD recoveries for the Q1 2021 GWTS sample data were within method control criteria or did not result in data qualification since associated sample results were non-detect.

G-4.2.7 Initial and Continuing Calibration Verification (Reason Code CCV)

Instrument calibration is performed for all analyses in accordance with method requirements. The linear analytical range is established for each method by analysis of calibration standards prepared at increasing concentrations that cover the expected sample concentration range. The acceptability of the initial calibration is determined by calculation of a percent relative standard deviation or coefficient.

Routinely during sample analysis, the stability of the analytical system is monitored by analysis of continuing calibration standards at concentrations near the mid-point of the instrument calibration range. The percent difference values between the relative response factor in the initial calibration and the relative response factor in the continuing calibration are reviewed to ensure instrument calibration criteria are within method control limits. All initial and continuing calibration verifications met the method-specific control criteria for the Q1 2021 GWTS analytical data with exception of the EDB CCV in SDG 410-26241-1 and 410-34304-1. Associated EDB results were qualified “J” and “UJ” based on the CCV exceedance. Qualified sample data based on CCV is presented in Appendix G-4─Table 3.

G-4.2.8 Interference Check Sample (Reason Code ICS)

The interference check sample (ICS) verifies the inter-element and background correction factors for metals analysis using ICP instrumentation. The ICSs were analyzed at the required frequencies, and all ICS results are within the established control criteria for the ICP analytical methods for the Q1 2021 GWTS analytical data.

G-4.2.9 Inductively Coupled Plasma Serial Dilution (Reason Code SD)

The ICP serial dilution determines whether significant physical or chemical interferences exist due to sample matrix. When the concentration of an analyte exceeds 50 times the DL for ICP and 100 times the DL for ICP mass spectrometry, the ICP serial dilution is performed and the results between the original analysis and the diluted analysis are compared. The results of the ICP serial dilution are deemed acceptable when a percent difference between the original analysis and the diluted analysis is less than or equal to 10%.

ICP serial dilution was performed based on the above criteria for the Q1 2021 GWTS samples as deemed appropriate. ICP serial dilution results were within the above criteria for all samples and analytes. No Q1 2021 data were qualified based on serial dilution.

G-4.2.10 Sample Confirmation (Reason Code RPD)

As required by DoD and EPA analytical method guidance, sample detections for EDB require confirmation using a second column analysis. EDB sample detections for the Q1 2021 analyzed using EPA Method SW8011 were confirmed by a second column analysis and reported from the primary column. Any detection of EDB on the second column is considered confirmed unless it appears to be associated with matrix interference. All sample results for Q1 2021 GWTS were reported from the primary column. No sample results were qualified based on second column confirmation.

G-4.2.11 Field Blanks for Volatile Organic Compounds (Reason Code FB)

Field blanks serve as a check for possible VOCs, BTEX or EDB in air associated with a sampling location. The field blanks are prepared in the field during sampling by pouring ultra-pure water into EPA-certified clean sample containers and exposing the container to the environment at a particular sample location that may be associated with airborne VOC contaminants.

Field blanks for the Q1 2021 sampling events are collected as deemed necessary based on the site conditions at the time of sample collection. Three field blank samples were collected in association with the Q1 GWTS sampling events. No detections were reported in field blank samples. Appendix G-4 – Table 4 presents the results for the field blank samples collected during the Q1 2021 sampling events.

G-4.2.12 Trip Blanks for Volatile Organic Compounds (Reason Code TB)

Trip blanks were prepared by the laboratory and stored with the groundwater samples collected for BTEX and EDB analysis. In accordance with the QAPP requirements, trip blank samples are to be included at a rate of one per cooler when sampling groundwater samples for VOC analysis. A trip blank sample was included with each GWTS shipment. No detections of BTEX or EDB were reported in trip blank samples for the sampling events. Appendix G-4 – Table 4 summarizes the results for trip blank samples for the Q1 2021 GWTS sampling events.

G-4.2.13 Equipment Rinse Blanks (Reason Code EB)

No equipment rinse blank samples are required to be collected in conjunction with the GWTS sampling since samples are collected directly from a designated sampling port using dedicated sampling equipment.

G-4.2.14 Field Duplicate Samples

In accordance with the project QAPP requirements, field duplicate samples are collected at a frequency of 10% of the total number of GWTS samples for each monthly sampling event. Field duplicate samples are

not required to be collected in association with the well disinfection sampling events. Three field duplicate samples were collected during the Q1 2021 GWTS monthly sampling events (16%). Additional field duplicates were collected in association with the carbon changeout for the GWTS. The 10% project requirement for the Q1 sampling events was achieved.

Field duplicate RPD was evaluated by calculating the RPD between the parent sample and the duplicate sample. The RPD was calculated using the following equation:

$$RPD = |(S-D)/[(S+D)/2]| \times 100$$

Where;

S = Sample result.
D = Duplicate result.

Acceptable precision control criteria are established at less than or equal to 35% for water samples. The RPD was calculated between pairs of field duplicate samples when both results are reported at or above the LOQ.

The results for the field duplicate samples collected during Q1 2021 GWTS sampling are presented on Appendix G-4 – Table 5. The field duplicate results demonstrate acceptable overall field sampling procedures and analytical method precision.

G-4.2.15 Professional Judgement

Professional judgement may be applied by a third-party data validation subcontractor or the project chemist during the data review process to apply validation qualifiers based on site-specific and project-specific knowledge, historical data, comparability of data, and analytical expertise. Professional judgement was not used to apply or revise any data qualifiers applied by the validation subcontractors for the Q1 2021 sampling events.

G-4.2.16 Analytical Deviations

No analytical deviations were noted for the Q1 2021 GWTS events. As stated in Section G-4.1.1, samples were analyzed for the required parameters and analytes and per the appropriate analytical methods and requirements.

G-4.3 COMPLETENESS

The following sections present a discussion of contractual, analytical, and technical completeness for the Q1 2021 GWTS analytical data. Completeness calculations were performed for the samples that are used for project decisions. Completeness results are presented in the following sections.

G-4.3.1 Contractual Completeness

Contractual completeness is a quantitative determination of the number of unqualified results compared to the total number of sample results expressed as a percentage, based on data qualified for QC outliers related to analytical method performance. These include data qualified for calibration or method blank contamination, missed holding times, sample receipt condition, LCS recovery, and/or precision. The contractual completeness goal is 95% per quarterly event. Contractual completeness was calculated as follows:

Number of Unqualified Results

$$\text{Percent Contractual Completeness} = \text{Total Number of Results} \times 100$$

Twelve sample results were qualified during data validation based on contractual completeness criteria for EDB calibration and sample receipt condition (bromate, chlorite, perchlorate) out of 392 sample results. Contractual completeness for the Q1 2021 sampling events is 96.9%.

G-4.3.2 Analytical Completeness

Analytical completeness is a quantitative measure of the number of unqualified data results compared to the total number of results expressed as a percentage, based on the target analytes qualified for exceedances of QC requirements based on calibration, LCS, MS/MSD, surrogate, method precision, and laboratory method blank contamination results and professional judgement. The analytical completeness goal is 90% for the project. Analytical completeness was calculated as follows:

$$\text{Percent Analytical Completeness} = \frac{\text{Number of Unqualified Results}}{\text{Total Number of Results}} \times 100$$

For the Q1 2021 GWTS analytical results, 6 sample results were qualified "J, or UJ" based on the analytical completeness criteria for CCV. The analytical completeness for the Q1 sample data is 98.4% (386 non-qualified results/392 total results x 100). The 90% analytical completeness objective was achieved for the Q1 2021 GWTS sampling events.

G-4.3.3 Technical Completeness

Technical completeness is a quantitative measure of the data usability based on the number of rejected data compared to the total number of sample results. The technical completeness goal for all methods is equal to or greater than 95%. The technical completeness calculation considers all data that are not rejected (R-qualified) to be usable data to achieve project objectives. The technical completeness was calculated as follows:

$$\text{Percent Technical Completeness} = \frac{\text{Number of Usable Results}}{\text{Total Number of Results}} \times 100$$

The project data quality objectives were achieved for all methods and samples for the Q1 2021 sampling events. The technical completeness for the Q1 2021 data is 100% for all analytical parameters. Technical completeness is presented in Appendix G-4 – Table 6.

G-4.3.4 Data Analysis Completeness

As a part of the data review process, chain-of-custody forms and project data deliverables are reviewed against the project requirements in the Work Plan, QAPP, and O&M Plan to ensure compliance with the sampling plan and that analytical results were reported for all planned methods and samples. Data completeness for the Q1 GWTS data deliverables was determined to be 100%. Level II analytical data packages for Q1 2021 GWTS data are provided in Appendix G-5. Level IV data reports are available upon request.

G-4.4 REPRESENTATIVENESS AND COMPARABILITY

Q1 2021 GWTS sampling was conducted in accordance with the sampling and analysis protocols and standard operating procedures documented in the O&M Plan. Approved procedures were used to collect,

preserve, document, and ship samples to the ELLE and EC laboratories, thus ensuring the samples collected for the sampling events were representative of the conditions. Although the February disinfection samples in SDG 410-30025-1 were received at 10 degrees Celsius as documented in Section G-4.2.1, the reported analytical results for the samples were comparable to other well disinfection sample results.

Groundwater samples for BTEX and EDB were collected in 40-milliliter volatile organic analysis (VOA) vials preserved with hydrochloric acid and shipped to ELLE at a temperature less than 6 degrees Celsius. Samples received in VOA vials were inspected to evaluate the presence or absence of any headspace (estimated in millimeters) and documented as sample condition on the laboratory sample receipt report. No VOA vials collected for sampling events presented headspace greater than 6 millimeters upon receipt at the laboratory.

The project laboratory (ELLE) maintains current DoD Environmental Laboratory Accreditation Program certification and adhered to the analytical methods documented in the project QAPP and DoD QSM requirements to prepare and analyze samples and report the data. This ensured the comparability of the analytical results between different samples and different sampling events. The EC project laboratories for the well disinfection sample analysis maintain state-specific drinking water certification. For the Q1 2021 GWTS data, an EPA Stage 2B validation was performed on 100% of the analytical data to verify that the laboratory complied with the DoD QSM, project QAPP, and method requirements. QC results that exceeded method control criteria resulted in data qualification as presented in the previous sections. Based on a review of the completed sample collection logs, chain-of-custody forms, sample receipt forms, and laboratory data packages, the analytical data reported for the sampling events achieved the project data representativeness and comparability requirements.

G-4.5 SENSITIVITY

Data sensitivity for the Q1 2021 GWTS analytical data was achieved by complying with the analytical method guidelines and reporting limits specified in the project QAPP. The analytical methods used for sample analysis achieved the lower of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 (New Mexico Environment Department, 2010) and New Mexico Administrative Code Title 20.6.2.3103, Standards for Groundwater of 10,000 Milligrams per Liter Total Dissolved Solids Concentration or Less (New Mexico Administrative Code, 2018). Project screening levels are presented in the QAPP Worksheet 15─Table 15-1. For the Q1 2021 GWTS analytical results, detections of target compounds reported below the LOQ and POL are J-flagged as estimated values. Non-detect analytes are reported at the LOD per the DoD QSM requirements unless as noted above and reported at the PQL for the well disinfection sample data.

G-4.6 CONCLUSIONS

The analytical data reported for the Q1 2021 GWTS and well disinfection samples have been reviewed for precision, accuracy (bias), representativeness, comparability, completeness, and sensitivity. Data quality criteria exceedances were noted for 12 sample results based on 1) sample receipt condition (bromate, chlorite, perchlorate), and 2) CCV for EDB. Associated sample data were qualified “J, and UJ” signifying estimated detect and non-detect sample results, respectively. Data qualified as estimated detect or non-detect are usable to achieve the project data quality objectives as qualified. The 95% technical completeness goal was achieved for all analytical methods for the Q1 2021 GWTS sampling events.

G-4.7 REFERENCES

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Table G-4-1
Sample Collection Summary, Q1 2021

Well Location ID	Field Sample ID	Sample Date	Sample Delivery Group	Analytical Parameter[a]	Comments
GWTS-BFF-EFF2	GWTS-EFF2-011221	1/12/2021	410-26241-1	BTEX, EDB, Metals	MS/MSD
Field Blank	GWTS-FB02-011221	1/12/2021	410-26241-1	BTEX, EDB	—
GWTS-BFF-GAC2	GWTS-GAC2-011221	1/12/2021	410-26241-1	BTEX, EDB, Metals	—
GWTS-BFF-INF2	GWTS-INF2-011221	1/12/2021	410-26241-1	BTEX, EDB, Metals	—
GWTS-BFF-EFF1	GWTS-EFF1-011221	1/12/2021	410-26241-1	BTEX, EDB, Metals	—
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1/12/2021	410-26241-1	BTEX, EDB, Metals	Field Duplicate
GWTS-BFF-GAC1	GWTS-GAC1-011221	1/12/2021	410-26241-1	BTEX, EDB, Metals	—
GWTS-BFF-INF1	GWTS-INF1-011221	1/12/2021	410-26241-1	BTEX, EDB, Metals	—
Trip Blank	GWTS-TB01-011221	1/12/2021	410-26241-1	BTEX, EDB	—
Trip Blank	GWTS-TB02-011221	1/12/2021	410-26240-1	EDB	—
GWTS-BFF-GAC1	GWTS-GAC1-A1-011221	1/12/2021	410-26240-1	EDB	—
GWTS-BFF-GAC1	GWTS-GAC1-A2-011221	1/12/2021	410-26240-1	EDB	—
GWTS-BFF-GAC1	GWTS-GAC1-A3-011221	1/12/2021	410-26240-1	EDB	—
GWTS-BFF-GAC1	GWTS-GAC1-B1-011221	1/12/2021	410-26240-1	EDB	—
GWTS-BFF-GAC1	GWTS-GAC1-B2-011221	1/12/2021	410-26240-1	EDB	—
GWTS-BFF-GAC1	GWTS-GAC1-B3-011221	1/12/2021	410-26240-1	EDB	—
GWTS-BFF-GAC2	GWTS-GAC2-A1-011221	1/12/2021	410-26240-1	EDB	—
GWTS-BFF-GAC2	GWTS-GAC2-A2-011221	1/12/2021	410-26240-1	EDB	—
GWTS-BFF-GAC2	GWTS-GAC2-A3-011221	1/12/2021	410-26240-1	EDB	—
GWTS-BFF-GAC2	GWTS-GAC2-B1-011221	1/12/2021	410-26240-1	EDB	—
GWTS-BFF-GAC2	GWTS-GAC2-B2-011221	1/12/2021	410-26240-1	EDB	—
GWTS-BFF-GAC2	GWTS-GAC2-B3-011221	1/12/2021	410-26240-1	EDB	—
GWTS-BFF-EFF1	GWTS-EFF1-020521	2/5/2021	410-28705-1	BTEX, EDB, Metals	MS/MSD
Field Blank	GWTS-FB01-020521	2/5/2021	410-28705-1	BTEX, EDB	—
GWTS-BFF-GAC1	GWTS-GAC1-020521	2/5/2021	410-28705-1	BTEX, EDB, Metals	—
GWTS-BFF-INF1	GWTS-INF1-020521	2/5/2021	410-28705-1	BTEX, EDB, Metals	—
GWTS-BFF-EFF2	GWTS-EFF2-020521	2/5/2021	410-28705-1	BTEX, EDB, Metals	—
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	2/5/2021	410-28705-1	BTEX, EDB, Metals	Field Duplicate
GWTS-BFF-GAC2	GWTS-GAC2-020521	2/5/2021	410-28705-1	BTEX, EDB, Metals	—
GWTS-BFF-INF2	GWTS-INF2-020521	2/5/2021	410-28705-1	BTEX, EDB, Metals	—
Trip Blank	GWTS-TB01-020521	2/5/2021	410-28705-1	BTEX, EDB	—

Table G-4-1
Sample Collection Summary, Q1 2021

Well Location ID	Field Sample ID	Sample Date	Sample Delivery Group	Analytical Parameter[a]	Comments
KAFB-106239	GW239-211-PreDis	2/22/2021	410-30025-1	Bromate, Chlorite, Perchlorate[b]	—
KAFB-106239	IN2-211-PostDis	2/22/2021	410-30025-1	Bromate, Chlorite, Perchlorate[b]	—
KAFB-106239	GW239-211-PostDis	3/1/2021	410-30937-1	Bromate, Chlorite, Perchlorate[b]	—
GWTS-BFF-EFF2	GWTS-EFF2-030321	3/3/2021	410-31140-1	BTEX, EDB, Metals	—
GWTS-BFF-GAC2	GWTS-GAC2-030321	3/3/2021	410-31140-1	BTEX, EDB, Metals	—
GWTS-BFF-INF2	GWTS-INF2-030321	3/3/2021	410-31140-1	BTEX, EDB, Metals	—
Trip Blank	GWTS-TB01-030321	3/3/2021	410-31140-1	BTEX, EDB	—
GWTS-BFF-EFF2	GWTS-EFF2-030421	3/4/2021	410-31289-1	BTEX, EDB, Metals	—
GWTS-BFF-GAC2	GWTS-GAC2-030421	3/4/2021	410-31289-1	BTEX, EDB, Metals	—
GWTS-BFF-INF2	GWTS-INF2-030421	3/4/2021	410-31289-1	BTEX, EDB, Metals	—
Trip Blank	GWTS-TB01-030421	3/4/2021	410-31289-1	BTEX, EDB	—
GWTS-BFF-EFF2	GWTS-EFF2-030521	3/5/2021	410-31471-1	BTEX, EDB, Metals	—
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	3/5/2021	410-31471-1	BTEX, EDB, Metals	Field Duplicate
GWTS-BFF-GAC2	GWTS-GAC2-030521	3/5/2021	410-31471-1	BTEX, EDB, Metals	—
GWTS-BFF-INF2	GWTS-INF2-030521	3/5/2021	410-31471-1	BTEX, EDB, Metals	—
Trip Blank	GWTS-TB01-030521	3/5/2021	410-31471-1	BTEX, EDB	—
GWTS-BFF-EFF2	GWTS-EFF2-030621	3/6/2021	410-31600-1	BTEX, EDB, Metals	—
GWTS-BFF-GAC2	GWTS-GAC2-030621	3/6/2021	410-31600-1	BTEX, EDB, Metals	—
GWTS-BFF-INF2	GWTS-INF2-030621	3/6/2021	410-31600-1	BTEX, EDB, Metals	—
Trip Blank	GWTS-TB01-030621	3/6/2021	410-31600-1	BTEX, EDB	—
GWTS-BFF-EFF2	GWTS-EFF2-030721	3/7/2021	410-31601-1	BTEX, EDB, Metals	—

Table G-4-1
Sample Collection Summary, Q1 2021

Well Location ID	Field Sample ID	Sample Date	Sample Delivery Group	Analytical Parameter[a]	Comments
GWTS-BFF-GAC2	GWTS-GAC2-030721	3/7/2021	410-31601-1	BTEX, EDB, Metals	—
GWTS-BFF-INF2	GWTS-INF2-030721	3/7/2021	410-31601-1	BTEX, EDB, Metals	—
Trip Blank	GWTS-TB01-030721	3/7/2021	410-31601-1	BTEX, EDB	—
GWTS-BFF-EFF2	GWTS-EFF2-030821	3/8/2021	410-31602-1	BTEX, EDB, Metals	—
GWTS-BFF-GAC2	GWTS-GAC2-030821	3/8/2021	410-31602-1	BTEX, EDB, Metals	—
GWTS-BFF-INF2	GWTS-INF2-030821	3/8/2021	410-31602-1	BTEX, EDB, Metals	—
Trip Blank	GWTS-TB01-030821	3/8/2021	410-31602-1	BTEX, EDB	—
GWTS-BFF-EFF2	GWTS-EFF2-030921	3/9/2021	410-31799-1	BTEX, EDB, Metals	MS/MSD
GWTS-BFF-GAC2	GWTS-GAC2-030921	3/9/2021	410-31799-1	BTEX, EDB, Metals	—
GWTS-BFF-INF2	GWTS-INF2-030921	3/9/2021	410-31799-1	BTEX, EDB, Metals	—
Trip Blank	GWTS-TB01-030921	3/9/2021	410-31799-1	BTEX, EDB	—
GWTS-BFF-EFF2	GWTS-EFF2-031021	3/10/2021	410-32032-1	BTEX, EDB, Metals	—
GWTS-BFF-GAC2	GWTS-GAC2-031021	3/10/2021	410-32032-1	BTEX, EDB, Metals	—
GWTS-BFF-INF2	GWTS-INF2-031021	3/10/2021	410-32032-1	BTEX, EDB, Metals	—
Trip Blank	GWTS-TB01-031021	3/10/2021	410-32032-1	BTEX, EDB	—
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	410-32785-1	BTEX, EDB, Metals	—
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	3/17/2021	410-32785-1	BTEX, EDB, Metals	Field Duplicate
GWTS-BFF-GAC2	GWTS-GAC2-031721	3/17/2021	410-32785-1	BTEX, EDB, Metals	—
GWTS-BFF-INF2	GWTS-INF2-031721	3/17/2021	410-32785-1	BTEX, EDB, Metals	—
Trip Blank	GWTS-TB01-031721	3/17/2021	410-32785-1	BTEX, EDB	—
GWTS-BFF-EFF2	GWTS-EFF2-032421	3/24/2021	410-33631-1	BTEX, EDB, Metals	MS/MSD

Table G-4-1
Sample Collection Summary, Q1 2021

Well Location ID	Field Sample ID	Sample Date	Sample Delivery Group	Analytical Parameter[a]	Comments
Field Blank	GWTS-FB02-032421	3/24/2021	410-33631-1	BTEX, EDB	
GWTS-BFF-GAC2	GWTS-GAC2-032421	3/24/2021	410-33631-1	BTEX, EDB, Metals	—
GWTS-BFF-INF2	GWTS-INF2-032421	3/24/2021	410-33631-1	BTEX, EDB, Metals	—
GWTS-BFF-EFF1	GWTS-EFF1-032421	3/24/2021	410-33631-1	BTEX, EDB, Metals	—
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	3/24/2021	410-33631-1	BTEX, EDB, Metals	Field Duplicate
GWTS-BFF-GAC1	GWTS-GAC1-032421	3/24/2021	410-33631-1	BTEX, EDB, Metals	—
GWTS-BFF-INF1	GWTS-INF1-032421	3/24/2021	410-33631-1	BTEX, EDB, Metals	—
Trip Blank	GWTS-TB01-032421	3/24/2021	410-33631-1	BTEX, EDB	—
GWTS-BFF-EFF2	GWTS-EFF2-033121	3/31/2021	410-34304-1	BTEX, EDB, Metals	—
GWTS-BFF-GAC2	GWTS-GAC2-033121	3/31/2021	410-34304-1	BTEX, EDB, Metals	—
GWTS-BFF-INF2	GWTS-INF2-033121	3/31/2021	410-34304-1	BTEX, EDB, Metals	—
Trip Blank	GWTS-TB01-033121	3/31/2021	410-34304-1	BTEX, EDB	—

[a]Analytical methods include: Method SW8260C for VOCs/BTEX; Method SW8011 for EDB; Method SW6010C for dissolved iron and manganese.

[b] Analytical methods include: Method E300.1B for bromate and chlorite; Method E331.0 for perchlorate.

— = no comments

BTEX = benzene, toluene, ethylbenzene, xylenes

EDB = 1,2-dibromoethane (ethylene dibromide)

ID = identification

MS = matrix spike

MSD = matrix spike duplicate

Q1 = first quarter

VOC = volatile organic compounds

Table G-4-2
Data Qualification Flags and Reason Codes

Data Qualifier Definitions for Data Validation

Qualifier	Definition
	No Qualifier indicates that the data are acceptable both qualitatively and quantitatively.
U	The analyte was analyzed for but was not detected above the detection limit. The value associated with the U-qualifier is the limit of detection.
J	The analyte was analyzed for and was positively identified, but the reported numerical value may not be consistent with the amount actually present in the environmental sample. Results are estimated, although the data are considered usable and may be used as appropriate to meet project objectives. Results are qualitatively acceptable and quantitatively uncertain.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The analyte was analyzed for, but the presence or absence of the analyte has not been verified. Re-sampling and re-analysis may be necessary to confirm or deny the presence of the analyte. Results are rejected, and data are unusable for any purposes.
X	The sample results were affected by serious deficiencies in the ability to analyze the sample and to meet published method and project QC criteria. The presence or absence of the analyte cannot be substantiated by the data provided. Acceptance or rejection of the data should be decided by the project team (includes project chemist).

Reason Codes for Data Validation

Reason Code	Description
CB/CCB	Calibration blank or continuing calibration blank outside of control limits
CCV	Calibration verification outside of control limits
EB	Equipment rinse blank contamination
FB	Field blank contamination
FD	Field duplicate sample results out of control criteria
HT	Holding time exceedance
ICS	Interference check sample
LCS	Laboratory control sample recovery out of control criteria
MB	Method blank contamination
MS/MSD	Matrix spike/ matrix spike duplicate recovery outside of control criteria
RPD	Relative percent difference outside of control limits
SD	Inductively Coupled Plasma serial dilution out of control criteria
SURR	Surrogate recovery outside of control limits
TB	Trip blank contamination

Table G-4-3
Qualified Sample Results, Q1 2021

Well Location ID	Sample Name	Sample Delivery Group	Collection Method	Sample Type	Analyte	Data Qualifier	Validation Reason Code
GWTS-BFF-EFF2	GWTS-EFF2-011221	410-26241-1	Grab	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
GWTS-BFF-EFF2	GWTS-EFF2-033121	410-34304-1	Grab	N	1,2-Dibromoethane	U	Continuing Calibration Verification
GWTS-BFF-GAC2	GWTS-GAC2-011221	410-26241-1	Grab	N	1,2-Dibromoethane	UJ	Continuing Calibration Verification
GWTS-BFF-GAC2	GWTS-GAC2-033121	410-34304-1	Grab	N	1,2-Dibromoethane	U	Continuing Calibration Verification
GWTS-BFF-INF2	GWTS-INF2-011221	410-26241-1	Grab	N	1,2-Dibromoethane	J	Continuing Calibration Verification
GWTS-BFF-INF2	GWTS-INF2-033121	410-34304-1	Grab	N	1,2-Dibromoethane	U	Continuing Calibration Verification
KAFB-106239	GW239-211-PreDis	410-30025-1	Grab	N	Chlorite	UJ	Out of Temperature
KAFB-106239	GW239-211-PreDis	410-30025-1	Grab	N	Bromate	UJ	Out of Temperature
KAFB-106239	GW239-211-PreDis	410-30025-1	Grab	N	Perchlorate	J	Out of Temperature
KAFB-106239	IN2-211-PostDis	410-30025-1	Grab	N	Chlorite	UJ	Out of Temperature
KAFB-106239	IN2-211-PostDis	410-30025-1	Grab	N	Bromate	UJ	Out of Temperature
KAFB-106239	IN2-211-PostDis	410-30025-1	Grab	N	Perchlorate	J	Out of Temperature

ID = identification

MS/MSD = matrix spike/matrix spike duplicate

N = normal field sample

Q1 = first quarter

Qualifiers:

J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.

U = Qualifier denotes the analyte was analyzed for but was not detected above the detection limit.

Table G-4-4
Field Quality Control Sample Results, Q1 2021

		Field Sample ID:	GWTS-FB01-020521			GWTS-FB02-011221			GWTS-FB02-032421			GWTS-TB01-011221			GWTS-TB01-020521			GWTS-TB01-030321			GWTS-TB01-030421		
		Sample Date:	2/5/2021			1/12/2021			3/24/2021			1/12/2021			2/5/2021			3/3/2021			3/4/2021		
		Sample Type:	FB			FB			FB			TB			TB			TB			TB		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	ND	U	0.02	ND	UJ	0.019	ND	U	0.019	ND	UJ	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Ethylbenzene	ND	U	0.8	ND	U	0.8	ND	U	0.8	ND	U	0.8	ND	U	0.8	ND	U	0.8	ND	U	0.8
		Toluene	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Xylenes, total	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8

Table G-4-4
Field Quality Control Sample Results, Q1 2021

		Field Sample ID:	GWTS-TB01-030521			GWTS-TB01-030621			GWTS-TB01-030721			GWTS-TB01-030821			GWTS-TB01-030921			GWTS-TB01-031021		
		Sample Date:	3/5/2021			3/6/2021			3/7/2021			3/8/2021			3/9/2021			3/10/2021		
		Sample Type:	TB			TB			TB			TB			TB			TB		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.50	ND	U	0.50	ND	U	0.50
		Ethylbenzene	ND	U	0.8	ND	U	0.8	ND	U	0.8	ND	U	0.80	ND	U	0.80	ND	U	0.80
		Toluene	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.50	ND	U	0.50	ND	U	0.50
		Xylenes, total	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8

Table G-4-4
Field Quality Control Sample Results, Q1 2021

		Field Sample ID:	GWTS-TB01-031721			GWTS-TB01-032421			GWTS-TB01-033121			GWTS-TB02-011221		
		Sample Date:	3/17/2021			3/24/2021			3/31/2021			1/12/2021		
		Sample Type:	TB			TB			TB			TB		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	ND	U	0.5	ND	U	0.5	ND	U	0.5	—	—	—
		Ethylbenzene	ND	U	0.8	ND	U	0.8	ND	U	0.8	—	—	—
		Toluene	ND	U	0.5	ND	U	0.5	ND	U	0.5	—	—	—
		Xylenes, total	ND	U	2.8	ND	U	2.8	ND	U	2.8	—	—	—

Table G-4-4
Field Quality Control Sample Results, Q1 2021

— = Compound not analyzed for.
µg/L = microgram per liter.
BTEX = benzene, toluene, ethylbenzene, and total xylenes.
EDB = 1,2-dibromoethane (ethylene dibromide)
FB = field blank.
ID = identification.
LOD = limit of detection.
ND = not detected above the detection limit.
Q1 = first quarter
TB = trip blank.
Val Qual = validation qualifier.
Shading = detected concentrations above the detection limit.
Qualifiers:
Val Qual based on independent data validation.
U = Qualifier denotes the analyte was analyzed but not detected above the detection limit. The value associated with the U-qualifier is the LOD.

Table G-4-5
Field Duplicate Sample Results, Q1 2021

			Well Location ID:				GWTS-BFF-EFF1			GWTS-BFF-EFF1			GWTS-BFF-EFF1			GWTS-BFF-EFF1		
			Field Sample ID:				GWTS-EFF1-011221			GWTS-EFF1DUP-011221			GWTS-EFF1-020521			GWTS-EFF1DUP-032421		
			Sample Date:				1/12/2021			1/12/2021			2/5/2021			3/24/2021		
			Sample Type:				REG			Field Duplicate			REG			Field Duplicate		
Parameter	**Analytical Method**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
VOCs	Method SW8260C (µg/L)	Benzene	5	5	4.5	5	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Ethylbenzene	700	700	15	700	ND	U	0.019	ND	U	0.019	ND	U	0.02	ND	U	0.019
		Toluene	1,000	1,000	1,100	1,000	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Xylenes, total	620	10,000	190	620	ND	U	0.8	ND	U	0.8	ND	U	0.8	ND	U	0.8
Dissolved Metals	Method SW6010C (mg/L)	Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Manganese, dissolved	0.2	NS	NS	0.2	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8

Table G-4-5
Field Duplicate Sample Results, Q1 2021

GWTS-BFF-EFF2			GWTS-BFF-EFF2			GWTS-BFF-EFF2			GWTS-BFF-EFF2			GWTS-BFF-EFF2			GWTS-BFF-EFF2		
GWTS-EFF2-020521			GWTS-EFF2DUP-020521			GWTS-EFF2-030521			GWTS-EFF2DUP-030521			GWTS-EFF2-031721			GWTS-EFF2DUP-031721		
2/5/2021			2/5/2021			3/5/2021			3/5/2021			3/17/2021			3/17/2021		
REG			Field Duplicate			REG			Field Duplicate			REG			Field Duplicate		
Result	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
ND	U	0.0052	ND	U	0.0052	0.0081	J	0.0052	0.0081	J	0.0052	ND	U	0.0052	ND	U	0.0052
ND	U	0.019	ND	U	0.019	ND	U	0.02	ND	U	0.019	ND	U	0.019	ND	U	0.019
ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
ND	U	0.8	ND	U	0.8	ND	U	0.8	ND	U	0.8	ND	U	0.8	ND	U	0.8
ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8

Table G-4-5
Field Duplicate Sample Results, Q1 2021

[a] NM WQCC numeric standards per the New Mexico Administrative Code Title 20.6.2.3101A, Standards for Groundwater of 10,000 mg/L Total Dissolved Solids Concentration or Less (NMAC, 2018).

[b] EPA National Primary Drinking Water Regulations, MCLs and Secondary MCLs, Title 40CFR Part 141, 143 (May 2018).

[c] EPA Region 6 RSL for Tapwater (November 2020) for hazard index = 1.0 for noncarcinogens and a 10-5 cancer risk level for carcinogens.

[d] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NM WQCC numeric standard or (2) EPA MCL. If no NM WQCC numeric standard or MCL exists for any analyte, then the project screening level will be the EPA RSL.

µg/L = microgram per liter
AFB = Air Force Base
EDB = ethylene dibromide (1,2-dibromoethane)
EPA = U.S. Environmental Protection Agency
ID = identification
LOD = limit of detection
MCL = maximum contaminant level
mg/L= milligram per liter
ND = nondetect
NM = New Mexico
NMAC = New Mexico Administrative Code
NS = not specified
Q1 = first quarter
REG = normal field sample
RSL = regional screening level
Val Qual = validation qualifier
VOC = volatile organic compound
WQCC = Water Quality Control Commission
Shading = detected concentrations above the detection limit
Bold/Shading = reported concentrations exceed the project screening level
Val Quals based on independent data validation:
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected above the detection limit. The value associated with the U-qualifier is the LOD.

Table G-4-6
Technical Data Completeness, Q1 2021

Analytical Parameter	Field/Field Duplicate Sample Analytes	Quality Control Sample Analytes (TB and FB)	Qualified Analytes	Percent Technical Completeness[a]
BTEX (SW8260C)	212	64	0	100
EDB (SW8011)	65	17	6	100
Dissolved metals (SW6010C)[b]	106	0	0	100
Anions (E300.1B)[c]	6	0	4	100
Perchlorate (E331.0)	3	0	2	100

[a] Percent technical completeness including analytes qualified as estimated data. No data were rejected.

[b] Dissolved metals (SW6010C) = dissolved iron, manganese.

[c] Anions (E300.1) = chlorate and bromate.

BTEX = benzene, toluene, ethylbenzene, xylenes

EDB = 1,2-dibromoethane (ethylene dibromide)

FB = field blank

Q1 = first quarter

TB = trip blank

Appendix G-5

Groundwater Treatment System Performance

Analytical Data

(January-March 2021)

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-26240-1
Client Project/Site: Kirtland AFB Bulk Fuels Facility

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
1/20/2021 8:54:53 AM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

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Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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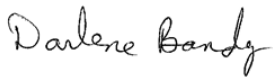

Darlene Bandy
Project Manager I
1/20/2021 8:54:53 AM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory Job ID: 410-26240-1

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-26240-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
M	Manual integrated compound.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26240-1

Job ID: 410-26240-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-26240-1

Receipt
The samples were received on 1/13/2021 11:25 AM; the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.7°C

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26240-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-GAC1-A1-011221 — Lab Sample ID: 410-26240-1

No Detections.

Client Sample ID: GWTS-GAC1-A2-011221 — Lab Sample ID: 410-26240-2

No Detections.

Client Sample ID: GWTS-GAC1-A3-011221 — Lab Sample ID: 410-26240-3

No Detections.

Client Sample ID: GWTS-GAC1-B1-011221 — Lab Sample ID: 410-26240-4

No Detections.

Client Sample ID: GWTS-GAC1-B2-011221 — Lab Sample ID: 410-26240-5

No Detections.

Client Sample ID: GWTS-GAC1-B3-011221 — Lab Sample ID: 410-26240-6

No Detections.

Client Sample ID: GWTS-GAC2-A1-011221 — Lab Sample ID: 410-26240-7

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (1C)	0.0097	J	0.029	0.019	0.0096	ug/L	1		8011	Total/NA

Client Sample ID: GWTS-GAC2-A2-011221 — Lab Sample ID: 410-26240-8

No Detections.

Client Sample ID: GWTS-GAC2-A3-011221 — Lab Sample ID: 410-26240-9

No Detections.

Client Sample ID: GWTS-GAC2-B1-011221 — Lab Sample ID: 410-26240-10

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (1C)	0.011	J	0.029	0.019	0.0096	ug/L	1		8011	Total/NA

Client Sample ID: GWTS-GAC2-B2-011221 — Lab Sample ID: 410-26240-11

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (1C)	0.010	J	0.029	0.019	0.0096	ug/L	1		8011	Total/NA

Client Sample ID: GWTS-GAC2-B3-011221 — Lab Sample ID: 410-26240-12

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (1C)	0.010	J	0.029	0.019	0.0096	ug/L	1		8011	Total/NA

Client Sample ID: GWTS-TB02-011221 — Lab Sample ID: 410-26240-13

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26240-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-GAC1-A1-011221
Lab Sample ID: 410-26240-1
Date Collected: 01/12/21 10:54
Matrix: Water
Date Received: 01/13/21 11:25

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/18/21 11:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*80*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 11:50*	*1*
1,1,2,2-Tetrachloroethane (2C)	*93*		*46 - 136*	*01/16/21 04:25*	*01/18/21 11:50*	*1*

Client Sample ID: GWTS-GAC1-A2-011221
Lab Sample ID: 410-26240-2
Date Collected: 01/12/21 10:56
Matrix: Water
Date Received: 01/13/21 11:25

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/18/21 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*73*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 12:07*	*1*
1,1,2,2-Tetrachloroethane (2C)	*96*		*46 - 136*	*01/16/21 04:25*	*01/18/21 12:07*	*1*

Client Sample ID: GWTS-GAC1-A3-011221
Lab Sample ID: 410-26240-3
Date Collected: 01/12/21 10:58
Matrix: Water
Date Received: 01/13/21 11:25

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/18/21 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*82*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 12:24*	*1*
1,1,2,2-Tetrachloroethane (2C)	*95*		*46 - 136*	*01/16/21 04:25*	*01/18/21 12:24*	*1*

Client Sample ID: GWTS-GAC1-B1-011221
Lab Sample ID: 410-26240-4
Date Collected: 01/12/21 11:01
Matrix: Water
Date Received: 01/13/21 11:25

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/18/21 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*79*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 12:41*	*1*
1,1,2,2-Tetrachloroethane (2C)	*93*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 12:41*	*1*

Client Sample ID: GWTS-GAC1-B2-011221
Lab Sample ID: 410-26240-5
Date Collected: 01/12/21 11:02
Matrix: Water
Date Received: 01/13/21 11:25

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/18/21 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*83*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 13:14*	*1*
1,1,2,2-Tetrachloroethane (2C)	*98*		*46 - 136*	*01/16/21 04:25*	*01/18/21 13:14*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26240-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-GAC1-B3-011221
Lab Sample ID: 410-26240-6
Date Collected: 01/12/21 11:04
Matrix: Water
Date Received: 01/13/21 11:25

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		01/18/21 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*70*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 13:31*	*1*
1,1,2,2-Tetrachloroethane (2C)	*84*		*46 - 136*	*01/16/21 04:25*	*01/18/21 13:31*	*1*

Client Sample ID: GWTS-GAC2-A1-011221
Lab Sample ID: 410-26240-7
Date Collected: 01/12/21 11:07
Matrix: Water
Date Received: 01/13/21 11:25

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	**0.0097**	**J**	0.029	0.019	0.0096	ug/L		01/18/21 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*71*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 13:48*	*1*
1,1,2,2-Tetrachloroethane (2C)	*93*		*46 - 136*	*01/16/21 04:25*	*01/18/21 13:48*	*1*

Client Sample ID: GWTS-GAC2-A2-011221
Lab Sample ID: 410-26240-8
Date Collected: 01/12/21 11:09
Matrix: Water
Date Received: 01/13/21 11:25

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/18/21 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*77*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 14:05*	*1*
1,1,2,2-Tetrachloroethane (2C)	*97*		*46 - 136*	*01/16/21 04:25*	*01/18/21 14:05*	*1*

Client Sample ID: GWTS-GAC2-A3-011221
Lab Sample ID: 410-26240-9
Date Collected: 01/12/21 11:10
Matrix: Water
Date Received: 01/13/21 11:25

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/18/21 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*72*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 14:21*	*1*
1,1,2,2-Tetrachloroethane (2C)	*94*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 14:21*	*1*

Client Sample ID: GWTS-GAC2-B1-011221
Lab Sample ID: 410-26240-10
Date Collected: 01/12/21 11:12
Matrix: Water
Date Received: 01/13/21 11:25

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	**0.011**	**J**	0.029	0.019	0.0096	ug/L		01/18/21 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*75*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 14:38*	*1*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*	*01/16/21 04:25*	*01/18/21 14:38*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26240-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-GAC2-B2-011221
Lab Sample ID: 410-26240-11
Date Collected: 01/12/21 11:14
Matrix: Water
Date Received: 01/13/21 11:25

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.010	J	0.029	0.019	0.0096	ug/L		01/18/21 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*76*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 14:55*	*1*
1,1,2,2-Tetrachloroethane (2C)	*105*		*46 - 136*	*01/16/21 04:25*	*01/18/21 14:55*	*1*

Client Sample ID: GWTS-GAC2-B3-011221
Lab Sample ID: 410-26240-12
Date Collected: 01/12/21 11:16
Matrix: Water
Date Received: 01/13/21 11:25

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.010	J	0.029	0.019	0.0096	ug/L		01/18/21 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*79*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 15:12*	*1*
1,1,2,2-Tetrachloroethane (2C)	*106*		*46 - 136*	*01/16/21 04:25*	*01/18/21 15:12*	*1*

Client Sample ID: GWTS-TB02-011221
Lab Sample ID: 410-26240-13
Date Collected: 01/12/21 10:30
Matrix: Water
Date Received: 01/13/21 11:25

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/18/21 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*83*		*46 - 136*	*01/16/21 04:25*	*01/18/21 15:28*	*1*
1,1,2,2-Tetrachloroethane (2C)	*96*		*46 - 136*	*01/16/21 04:25*	*01/18/21 15:28*	*1*

Surrogate Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26240-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1122TCA1 (46-136)	1122TCA2 (46-136)								
410-26240-1	GWTS-GAC1-A1-011221	80 M	93								
410-26240-2	GWTS-GAC1-A2-011221	73 M	96								
410-26240-3	GWTS-GAC1-A3-011221	82 M	95								
410-26240-4	GWTS-GAC1-B1-011221	79 M	93 M								
410-26240-5	GWTS-GAC1-B2-011221	83 M	98								
410-26240-6	GWTS-GAC1-B3-011221	70 M	84								
410-26240-7	GWTS-GAC2-A1-011221	71 M	93								
410-26240-8	GWTS-GAC2-A2-011221	77 M	97								
410-26240-9	GWTS-GAC2-A3-011221	72 M	94 M								
410-26240-10	GWTS-GAC2-B1-011221	75 M	100								
410-26240-11	GWTS-GAC2-B2-011221	76 M	105								
410-26240-12	GWTS-GAC2-B3-011221	79 M	106								
410-26240-13	GWTS-TB02-011221	83	96								
LCS 410-85393/2-A	Lab Control Sample	84	92								
LCSD 410-85393/3-A	Lab Control Sample Dup	86	93								
MB 410-85393/1-A	Method Blank	86	97								

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26240-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-85393/1-A
Matrix: Water
Analysis Batch: 85571

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 85393

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/18/21 10:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*86*		*46 - 136*	*01/16/21 04:25*	*01/18/21 10:10*	*1*
1,1,2,2-Tetrachloroethane (2C)	*97*		*46 - 136*	*01/16/21 04:25*	*01/18/21 10:10*	*1*

Lab Sample ID: LCS 410-85393/2-A
Matrix: Water
Analysis Batch: 85571

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85393

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide (1C)			0.128	0.117		ug/L		91	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*84*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*92*		*46 - 136*

Lab Sample ID: LCSD 410-85393/3-A
Matrix: Water
Analysis Batch: 85571

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 85393

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.116		ug/L		91	60 - 140	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*86*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*93*		*46 - 136*

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26240-1

GC Semi VOA

Prep Batch: 85393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26240-1	GWTS-GAC1-A1-011221	Total/NA	Water	8011	
410-26240-2	GWTS-GAC1-A2-011221	Total/NA	Water	8011	
410-26240-3	GWTS-GAC1-A3-011221	Total/NA	Water	8011	
410-26240-4	GWTS-GAC1-B1-011221	Total/NA	Water	8011	
410-26240-5	GWTS-GAC1-B2-011221	Total/NA	Water	8011	
410-26240-6	GWTS-GAC1-B3-011221	Total/NA	Water	8011	
410-26240-7	GWTS-GAC2-A1-011221	Total/NA	Water	8011	
410-26240-8	GWTS-GAC2-A2-011221	Total/NA	Water	8011	
410-26240-9	GWTS-GAC2-A3-011221	Total/NA	Water	8011	
410-26240-10	GWTS-GAC2-B1-011221	Total/NA	Water	8011	
410-26240-11	GWTS-GAC2-B2-011221	Total/NA	Water	8011	
410-26240-12	GWTS-GAC2-B3-011221	Total/NA	Water	8011	
410-26240-13	GWTS-TB02-011221	Total/NA	Water	8011	
MB 410-85393/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-85393/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-85393/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 85571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26240-1	GWTS-GAC1-A1-011221	Total/NA	Water	8011	85393
410-26240-2	GWTS-GAC1-A2-011221	Total/NA	Water	8011	85393
410-26240-3	GWTS-GAC1-A3-011221	Total/NA	Water	8011	85393
410-26240-4	GWTS-GAC1-B1-011221	Total/NA	Water	8011	85393
410-26240-5	GWTS-GAC1-B2-011221	Total/NA	Water	8011	85393
410-26240-6	GWTS-GAC1-B3-011221	Total/NA	Water	8011	85393
410-26240-7	GWTS-GAC2-A1-011221	Total/NA	Water	8011	85393
410-26240-8	GWTS-GAC2-A2-011221	Total/NA	Water	8011	85393
410-26240-9	GWTS-GAC2-A3-011221	Total/NA	Water	8011	85393
410-26240-10	GWTS-GAC2-B1-011221	Total/NA	Water	8011	85393
410-26240-11	GWTS-GAC2-B2-011221	Total/NA	Water	8011	85393
410-26240-12	GWTS-GAC2-B3-011221	Total/NA	Water	8011	85393
410-26240-13	GWTS-TB02-011221	Total/NA	Water	8011	85393
MB 410-85393/1-A	Method Blank	Total/NA	Water	8011	85393
LCS 410-85393/2-A	Lab Control Sample	Total/NA	Water	8011	85393
LCSD 410-85393/3-A	Lab Control Sample Dup	Total/NA	Water	8011	85393

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26240-1

Client Sample ID: GWTS-GAC1-A1-011221
Lab Sample ID: 410-26240-1
Date Collected: 01/12/21 10:54
Matrix: Water
Date Received: 01/13/21 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 11:50	UAMZ	ELLE

Client Sample ID: GWTS-GAC1-A2-011221
Lab Sample ID: 410-26240-2
Date Collected: 01/12/21 10:56
Matrix: Water
Date Received: 01/13/21 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 12:07	UAMZ	ELLE

Client Sample ID: GWTS-GAC1-A3-011221
Lab Sample ID: 410-26240-3
Date Collected: 01/12/21 10:58
Matrix: Water
Date Received: 01/13/21 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 12:24	UAMZ	ELLE

Client Sample ID: GWTS-GAC1-B1-011221
Lab Sample ID: 410-26240-4
Date Collected: 01/12/21 11:01
Matrix: Water
Date Received: 01/13/21 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 12:41	UAMZ	ELLE

Client Sample ID: GWTS-GAC1-B2-011221
Lab Sample ID: 410-26240-5
Date Collected: 01/12/21 11:02
Matrix: Water
Date Received: 01/13/21 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 13:14	UAMZ	ELLE

Client Sample ID: GWTS-GAC1-B3-011221
Lab Sample ID: 410-26240-6
Date Collected: 01/12/21 11:04
Matrix: Water
Date Received: 01/13/21 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 13:31	UAMZ	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26240-1

Client Sample ID: GWTS-GAC2-A1-011221
Lab Sample ID: 410-26240-7
Date Collected: 01/12/21 11:07
Matrix: Water
Date Received: 01/13/21 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 13:48	UAMZ	ELLE

Client Sample ID: GWTS-GAC2-A2-011221
Lab Sample ID: 410-26240-8
Date Collected: 01/12/21 11:09
Matrix: Water
Date Received: 01/13/21 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 14:05	UAMZ	ELLE

Client Sample ID: GWTS-GAC2-A3-011221
Lab Sample ID: 410-26240-9
Date Collected: 01/12/21 11:10
Matrix: Water
Date Received: 01/13/21 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 14:21	UAMZ	ELLE

Client Sample ID: GWTS-GAC2-B1-011221
Lab Sample ID: 410-26240-10
Date Collected: 01/12/21 11:12
Matrix: Water
Date Received: 01/13/21 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 14:38	UAMZ	ELLE

Client Sample ID: GWTS-GAC2-B2-011221
Lab Sample ID: 410-26240-11
Date Collected: 01/12/21 11:14
Matrix: Water
Date Received: 01/13/21 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 14:55	UAMZ	ELLE

Client Sample ID: GWTS-GAC2-B3-011221
Lab Sample ID: 410-26240-12
Date Collected: 01/12/21 11:16
Matrix: Water
Date Received: 01/13/21 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 15:12	UAMZ	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26240-1

Client Sample ID: GWTS-TB02-011221
Date Collected: 01/12/21 10:30
Date Received: 01/13/21 11:25

Lab Sample ID: 410-26240-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 15:28	UAMZ	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26240-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	01-31-21

Method Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26240-1

Method	Method Description	Protocol	Laboratory
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
8011	Microextraction	SW846	ELLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26240-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-26240-1	GWTS-GAC1-A1-011221	Water	01/12/21 10:54	01/13/21 11:25	
410-26240-2	GWTS-GAC1-A2-011221	Water	01/12/21 10:56	01/13/21 11:25	
410-26240-3	GWTS-GAC1-A3-011221	Water	01/12/21 10:58	01/13/21 11:25	
410-26240-4	GWTS-GAC1-B1-011221	Water	01/12/21 11:01	01/13/21 11:25	
410-26240-5	GWTS-GAC1-B2-011221	Water	01/12/21 11:02	01/13/21 11:25	
410-26240-6	GWTS-GAC1-B3-011221	Water	01/12/21 11:04	01/13/21 11:25	
410-26240-7	GWTS-GAC2-A1-011221	Water	01/12/21 11:07	01/13/21 11:25	
410-26240-8	GWTS-GAC2-A2-011221	Water	01/12/21 11:09	01/13/21 11:25	
410-26240-9	GWTS-GAC2-A3-011221	Water	01/12/21 11:10	01/13/21 11:25	
410-26240-10	GWTS-GAC2-B1-011221	Water	01/12/21 11:12	01/13/21 11:25	
410-26240-11	GWTS-GAC2-B2-011221	Water	01/12/21 11:14	01/13/21 11:25	
410-26240-12	GWTS-GAC2-B3-011221	Water	01/12/21 11:16	01/13/21 11:25	
410-26240-13	GWTS-TB02-011221	Water	01/12/21 10:30	01/13/21 11:25	

410-26240 Chain of Custody

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS3-011221

YEAR: 2021

QUARTER: Q1

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No. (410) 584-7000
Fax No. (410) 771-1625

PROJECT NAME: Kirtland AFB Bulk Fuels Facility

PROJECT NUMBER: ~~62609DM01~~ JL 6360401

LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601

FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA

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PROJECT SITE AND PHASE: ST106/SS111

LAB PO NUMBER: ~~14000~~ JL 21295

LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	(6020A/6010C) Total As,Pb,Ca,K,Na,Mg	(6010C) Dissolved Fe, Mn	(300.0) Chloride, bromide, sulfate	(353.2) Nitrate-Nitrite	(SM4500NH3) Ammonia	(SM4500S2CF) Sulfide	(SM2320B) Alkalinity	COMMENTS
1	GWTS-GAC1-A1-011221	01/12/21	1054	2	--	--	--	2	--	--	--	--	--	--	--	
2	GWTS-GAC1-A2-011221	01/12/21	1056	2	--	--	--	2	--	--	--	--	--	--	--	
3	GWTS-GAC1-A3-011221	01/12/21	1058	2	--	--	--	2	--	--	--	--	--	--	--	
4	GWTS-GAC1-B1-011221	01/12/21	1101	2	--	--	--	2	--	--	--	--	--	--	--	
5	GWTS-GAC1-B2-011221	01/12/21	1102	2	--	--	--	2	--	--	--	--	--	--	--	
6	GWTS-GAC1-B3-011221	01/12/21	1104	2	--	--	--	2	--	--	--	--	--	--	--	

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: Fedex: 8161 4700 3402

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
J Livingston	1/12/21	1500			
			Nicole Rutt	1/13/21	1125

Page 19 of 21

1/20/2021

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No. (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS4-011221

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: ~~62599DM01~~ JL 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: ~~14000~~ JL 21295
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-GAC2-A1-011221	01/12/21	1107	2	--	--	--	2	--	--	--	--	--	--	--	
2	GWTS-GAC2-A2-011221	01/12/21	1109	2	--	--	--	2	--	--	--	--	--	--	--	
3	GWTS-GAC2-A3-011221	01/12/21	1110	2	--	--	--	2	--	--	--	--	--	--	--	
4	GWTS-GAC2-B1-011221	01/12/21	1112	2	--	--	--	2	--	--	--	--	--	--	--	
5	GWTS-GAC2-B2-011221	01/12/21	1114	2	--	--	--	2	--	--	--	--	--	--	--	
6	GWTS-GAC2-B3-011221	01/12/21	1116	2	--	--	--	2	--	--	--	--	--	--	--	
7	GWTS-TB02-011221	01/12/21	1030	2	--	--	--	2	--	--	--	--	--	--	--	

SAMPLER(S): J Livingston
COURIER AND SHIPPING NUMBER: Fedex: 8161 4700 3402

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
J Livingston	1/12/21	1500			
			Nicole Reitz	1/13/21	1125

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-26240-1

Login Number: 26240
List Number: 1
Creator: Colon Martinez, Jessenia C

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-26241-1
Client Project/Site: Kirtland AFB Bulk Fuels Facility

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
1/26/2021 5:17:51 PM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS
Review your project results through TotalAccess
Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy

Darlene Bandy
Project Manager I
1/26/2021 5:17:51 PM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory Job ID: 410-26241-1

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-26241-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
M	Manual integrated compound.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
M	Manual integrated compound.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26241-1

Job ID: 410-26241-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-26241-1

Receipt
The samples were received on 1/13/2021 11:26 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.8°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8011_DOD5: The continuing calibration verification (CCV) associated with batch 410-85833 recovered above the upper control limit for Ethylene Dibromide on the primary column. The continuing calibration verification (CCV) associated with batch 410-85833 recovered below the control limit for 1,1,2,2-Tetrachloroethane on the primary column. The data is reported for Ethylene Dibromide from the confirmation column. The associated sample is: GWTS-INF2-011221 (410-26241-8).

Method 8011_DOD5: The continuing calibration verification (CCV) associated with batch 410-85833 recovered above the upper control limit for Ethylene Dibromide. The associated sample is: GWTS-GAC2-011221 (410-26241-7).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26241-1

Client Sample ID: GWTS-EFF1-011221 — Lab Sample ID: 410-26241-1

No Detections.

Client Sample ID: GWTS-EFF1DUP-011221 — Lab Sample ID: 410-26241-2

No Detections.

Client Sample ID: GWTS-GAC1-011221 — Lab Sample ID: 410-26241-3

No Detections.

Client Sample ID: GWTS-INF1-011221 — Lab Sample ID: 410-26241-4

No Detections.

Client Sample ID: GWTS-TB01-011221 — Lab Sample ID: 410-26241-5

No Detections.

Client Sample ID: GWTS-EFF2-011221 — Lab Sample ID: 410-26241-6

No Detections.

Client Sample ID: GWTS-GAC2-011221 — Lab Sample ID: 410-26241-7

No Detections.

Client Sample ID: GWTS-INF2-011221 — Lab Sample ID: 410-26241-8

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (2C)	0.017	J	0.029	0.019	0.0096	ug/L	1		8011	Total/NA
Manganese	0.025		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-FB02-011221 — Lab Sample ID: 410-26241-9

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26241-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF1-011221
Lab Sample ID: 410-26241-1
Date Collected: 01/12/21 09:40
Matrix: Water
Date Received: 01/13/21 11:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 17:35	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 17:35	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 17:35	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*81 - 118*		*01/21/21 17:35*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*01/21/21 17:35*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/21/21 17:35*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*01/21/21 17:35*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/18/21 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*68*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 15:45*	*1*
1,1,2,2-Tetrachloroethane (2C)	*83*		*46 - 136*	*01/16/21 04:25*	*01/18/21 15:45*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/18/21 16:51	1
Manganese	0.0052	U *+	0.010	0.0052	0.0031	mg/L		01/18/21 16:51	1

Client Sample ID: GWTS-EFF1DUP-011221
Lab Sample ID: 410-26241-2
Date Collected: 01/12/21 09:40
Matrix: Water
Date Received: 01/13/21 11:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 17:57	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 17:57	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 17:57	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*01/21/21 17:57*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/21/21 17:57*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 119*		*01/21/21 17:57*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/21/21 17:57*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/18/21 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*68*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 16:19*	*1*
1,1,2,2-Tetrachloroethane (2C)	*85*		*46 - 136*	*01/16/21 04:25*	*01/18/21 16:19*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/18/21 16:54	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26241-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF1DUP-011221
Lab Sample ID: 410-26241-2
Date Collected: 01/12/21 09:40
Matrix: Water
Date Received: 01/13/21 11:26

Method: 6010C - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U *+	0.010	0.0052	0.0031	mg/L		01/18/21 16:54	1

Client Sample ID: GWTS-GAC1-011221
Lab Sample ID: 410-26241-3
Date Collected: 01/12/21 09:52
Matrix: Water
Date Received: 01/13/21 11:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 18:20	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 18:20	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 18:20	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*81 - 118*		*01/21/21 18:20*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/21/21 18:20*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/21/21 18:20*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/21/21 18:20*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/18/21 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*73*	*M*	*46 - 136*	*01/16/21 04:25*	*01/18/21 16:35*	*1*
1,1,2,2-Tetrachloroethane (2C)	*92*		*46 - 136*	*01/16/21 04:25*	*01/18/21 16:35*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/18/21 16:48	1
Manganese	0.0052	U *+	0.010	0.0052	0.0031	mg/L		01/18/21 16:48	1

Client Sample ID: GWTS-INF1-011221
Lab Sample ID: 410-26241-4
Date Collected: 01/12/21 10:24
Matrix: Water
Date Received: 01/13/21 11:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 18:42	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 18:42	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 18:42	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*01/21/21 18:42*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/21/21 18:42*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 119*		*01/21/21 18:42*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/21/21 18:42*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U M	0.029	0.019	0.0097	ug/L		01/18/21 16:52	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26241-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-INF1-011221
Lab Sample ID: 410-26241-4
Date Collected: 01/12/21 10:24
Matrix: Water
Date Received: 01/13/21 11:26

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	74	M	46 - 136	01/16/21 04:25	01/18/21 16:52	1
1,1,2,2-Tetrachloroethane (2C)	91		46 - 136	01/16/21 04:25	01/18/21 16:52	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/18/21 17:35	1
Manganese	0.0052	U *+	0.010	0.0052	0.0031	mg/L		01/18/21 17:35	1

Client Sample ID: GWTS-TB01-011221
Lab Sample ID: 410-26241-5
Date Collected: 01/12/21 10:30
Matrix: Water
Date Received: 01/13/21 11:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 13:55	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 13:55	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 13:55	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 13:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		81 - 118		01/21/21 13:55	1
4-Bromofluorobenzene (Surr)	96		85 - 114		01/21/21 13:55	1
Dibromofluoromethane (Surr)	104		80 - 119		01/21/21 13:55	1
Toluene-d8 (Surr)	97		89 - 112		01/21/21 13:55	1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/19/21 12:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	93		46 - 136	01/19/21 05:31	01/19/21 12:50	1
1,1,2,2-Tetrachloroethane (2C)	111		46 - 136	01/19/21 05:31	01/19/21 12:50	1

Client Sample ID: GWTS-EFF2-011221
Lab Sample ID: 410-26241-6
Date Collected: 01/12/21 09:00
Matrix: Water
Date Received: 01/13/21 11:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 14:39	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 14:39	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 14:39	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 14:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		81 - 118		01/21/21 14:39	1
4-Bromofluorobenzene (Surr)	96		85 - 114		01/21/21 14:39	1
Dibromofluoromethane (Surr)	103		80 - 119		01/21/21 14:39	1
Toluene-d8 (Surr)	97		89 - 112		01/21/21 14:39	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26241-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-011221
Lab Sample ID: 410-26241-6
Date Collected: 01/12/21 09:00
Matrix: Water
Date Received: 01/13/21 11:26

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		01/19/21 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*84*	*M*	*46 - 136*	*01/19/21 05:31*	*01/19/21 13:07*	*1*
1,1,2,2-Tetrachloroethane (2C)	*109*		*46 - 136*	*01/19/21 05:31*	*01/19/21 13:07*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/18/21 16:12	1
Manganese	0.0052	U *+	0.010	0.0052	0.0031	mg/L		01/18/21 16:12	1

Client Sample ID: GWTS-GAC2-011221
Lab Sample ID: 410-26241-7
Date Collected: 01/12/21 09:15
Matrix: Water
Date Received: 01/13/21 11:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 19:04	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 19:04	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 19:04	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*81 - 118*		*01/21/21 19:04*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*01/21/21 19:04*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 119*		*01/21/21 19:04*	*1*
Toluene-d8 (Surr)	*98*		*89 - 112*		*01/21/21 19:04*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U M	0.029	0.019	0.0096	ug/L		01/19/21 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*78*	*M*	*46 - 136*	*01/19/21 05:31*	*01/19/21 13:57*	*1*
1,1,2,2-Tetrachloroethane (2C)	*107*		*46 - 136*	*01/19/21 05:31*	*01/19/21 13:57*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/18/21 16:35	1
Manganese	0.0052	U *+	0.010	0.0052	0.0031	mg/L		01/18/21 16:35	1

Client Sample ID: GWTS-INF2-011221
Lab Sample ID: 410-26241-8
Date Collected: 01/12/21 09:22
Matrix: Water
Date Received: 01/13/21 11:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 19:26	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 19:26	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 19:26	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 19:26	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-26241-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-INF2-011221
Lab Sample ID: 410-26241-8
Date Collected: 01/12/21 09:22
Matrix: Water
Date Received: 01/13/21 11:26

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*	*M*	*81 - 118*		*01/21/21 19:26*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*01/21/21 19:26*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 119*		*01/21/21 19:26*	*1*
Toluene-d8 (Surr)	*99*		*89 - 112*		*01/21/21 19:26*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	**0.017**	**J**	0.029	0.019	0.0096	ug/L		01/19/21 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*79*	*M ^c*	*46 - 136*	*01/19/21 05:31*	*01/19/21 14:31*	*1*
1,1,2,2-Tetrachloroethane (2C)	*102*		*46 - 136*	*01/19/21 05:31*	*01/19/21 14:31*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/18/21 16:44	1
Manganese	**0.025**		0.010	0.0052	0.0031	mg/L		01/21/21 21:35	1

Client Sample ID: GWTS-FB02-011221
Lab Sample ID: 410-26241-9
Date Collected: 01/12/21 09:00
Matrix: Water
Date Received: 01/13/21 11:26

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 14:17	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 14:17	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 14:17	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*01/21/21 14:17*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/21/21 14:17*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/21/21 14:17*	*1*
Toluene-d8 (Surr)	*98*		*89 - 112*		*01/21/21 14:17*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (2C)	0.019	U	0.029	0.019	0.0096	ug/L		01/19/21 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*80*		*46 - 136*	*01/19/21 05:31*	*01/19/21 14:47*	*1*
1,1,2,2-Tetrachloroethane (2C)	*98*		*46 - 136*	*01/19/21 05:31*	*01/19/21 14:47*	*1*

Surrogate Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26241-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(81-118)	(85-114)	(80-119)	(89-112)
410-26241-1	GWTS-EFF1-011221	105	95	103	96
410-26241-2	GWTS-EFF1DUP-011221	104	96	104	97
410-26241-3	GWTS-GAC1-011221	105	96	103	97
410-26241-4	GWTS-INF1-011221	101	96	104	97
410-26241-5	GWTS-TB01-011221	103	96	104	97
410-26241-6	GWTS-EFF2-011221	101	96	103	97
410-26241-6 MS	GWTS-EFF2-011221	103	96	105	97
410-26241-6 MSD	GWTS-EFF2-011221	101	98	103	99
410-26241-7	GWTS-GAC2-011221	105	95	104	98
410-26241-8	GWTS-INF2-011221	102 M	97	102	99
410-26241-9	GWTS-FB02-011221	104	96	103	98
LCS 410-86695/5	Lab Control Sample	102	98	103	99
MB 410-86695/7	Method Blank	100	96	103	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(46-136)	(46-136)
410-26241-1	GWTS-EFF1-011221	68 M	83
410-26241-2	GWTS-EFF1DUP-011221	68 M	85
410-26241-3	GWTS-GAC1-011221	73 M	92
410-26241-4	GWTS-INF1-011221	74 M	91
410-26241-5	GWTS-TB01-011221	93	111
410-26241-6	GWTS-EFF2-011221	84 M	109
410-26241-6 MS	GWTS-EFF2-011221	84 M	113
410-26241-6 MSD	GWTS-EFF2-011221	82 M	103
410-26241-7	GWTS-GAC2-011221	78 M	107
410-26241-8	GWTS-INF2-011221	79 M ^c	102
410-26241-9	GWTS-FB02-011221	80	98
LCS 410-85393/2-A	Lab Control Sample	84	92
LCS 410-85797/2-A	Lab Control Sample	86	103
LCSD 410-85393/3-A	Lab Control Sample Dup	86	93
LCSD 410-85797/3-A	Lab Control Sample Dup	86	107
MB 410-85393/1-A	Method Blank	86	97
MB 410-85797/1-A	Method Blank	86	100

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26241-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-86695/7
Matrix: Water
Analysis Batch: 86695

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 10:27	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		01/21/21 10:27	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		01/21/21 10:27	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		01/21/21 10:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*		*01/21/21 10:27*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*01/21/21 10:27*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 119*		*01/21/21 10:27*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*01/21/21 10:27*	*1*

Lab Sample ID: LCS 410-86695/5
Matrix: Water
Analysis Batch: 86695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	21.2		ug/L		106	42 - 138
Ethylbenzene	20.0	19.9		ug/L		99	79 - 121
Toluene	20.0	19.9		ug/L		100	80 - 121
Xylenes, Total	60.0	58.1		ug/L		97	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*
Dibromofluoromethane (Surr)	*103*		*80 - 119*
Toluene-d8 (Surr)	*99*		*89 - 112*

Lab Sample ID: 410-26241-6 MS
Matrix: Water
Analysis Batch: 86695

Client Sample ID: GWTS-EFF2-011221
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.50	U	20.0	23.0		ug/L		115	42 - 138
Ethylbenzene	0.80	U	20.0	20.8		ug/L		104	79 - 121
Toluene	0.50	U	20.0	21.1		ug/L		105	80 - 121
Xylenes, Total	2.8	U	60.0	61.7		ug/L		103	79 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*
Dibromofluoromethane (Surr)	*105*		*80 - 119*
Toluene-d8 (Surr)	*97*		*89 - 112*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26241-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-26241-6 MSD
Matrix: Water
Analysis Batch: 86695

Client Sample ID: GWTS-EFF2-011221
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.50	U	20.0	22.8		ug/L		114	42 - 138	1	20
Ethylbenzene	0.80	U	20.0	21.7		ug/L		108	79 - 121	4	20
Toluene	0.50	U	20.0	21.6		ug/L		108	80 - 121	2	20
Xylenes, Total	2.8	U	60.0	63.0		ug/L		105	79 - 121	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*
Dibromofluoromethane (Surr)	*103*		*80 - 119*
Toluene-d8 (Surr)	*99*		*89 - 112*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-85393/1-A
Matrix: Water
Analysis Batch: 85571

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 85393

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/18/21 10:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*86*		*46 - 136*	*01/16/21 04:25*	*01/18/21 10:10*	*1*
1,1,2,2-Tetrachloroethane (2C)	*97*		*46 - 136*	*01/16/21 04:25*	*01/18/21 10:10*	*1*

Lab Sample ID: LCS 410-85393/2-A
Matrix: Water
Analysis Batch: 85571

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85393

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide (1C)			0.128	0.117		ug/L		91	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*84*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*92*		*46 - 136*

Lab Sample ID: LCSD 410-85393/3-A
Matrix: Water
Analysis Batch: 85571

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 85393

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.116		ug/L		91	60 - 140	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*86*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*93*		*46 - 136*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26241-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: MB 410-85797/1-A
Matrix: Water
Analysis Batch: 85833

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 85797

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		01/19/21 08:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*86*		*46 - 136*	*01/19/21 05:31*	*01/19/21 08:22*	*1*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*	*01/19/21 05:31*	*01/19/21 08:22*	*1*

Lab Sample ID: LCS 410-85797/2-A
Matrix: Water
Analysis Batch: 85833

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85797

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide (1C)			0.128	0.107		ug/L		84	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*86*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*103*		*46 - 136*

Lab Sample ID: LCSD 410-85797/3-A
Matrix: Water
Analysis Batch: 85833

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 85797

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.108		ug/L		85	60 - 140	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*86*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*107*		*46 - 136*

Lab Sample ID: 410-26241-6 MS
Matrix: Water
Analysis Batch: 85833

Client Sample ID: GWTS-EFF2-011221
Prep Type: Total/NA
Prep Batch: 85797

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide (1C)	0.019	U	0.125	0.113		ug/L		90	60 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*84*	*M*	*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*113*		*46 - 136*

Lab Sample ID: 410-26241-6 MSD
Matrix: Water
Analysis Batch: 85833

Client Sample ID: GWTS-EFF2-011221
Prep Type: Total/NA
Prep Batch: 85797

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)	0.019	U	0.124	0.103		ug/L		83	60 - 140	9	20

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26241-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: 410-26241-6 MSD
Matrix: Water
Analysis Batch: 85833

Client Sample ID: GWTS-EFF2-011221
Prep Type: Total/NA
Prep Batch: 85797

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*82*	*M*	*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*103*		*46 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-85508/1-A
Matrix: Water
Analysis Batch: 85722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 85508

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		01/18/21 16:05	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		01/18/21 16:05	1

Lab Sample ID: LCS 410-85508/2-A
Matrix: Water
Analysis Batch: 85722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85508

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.400	0.425		mg/L		106	87 - 115
Manganese	0.0200	0.0229	*+	mg/L		115	90 - 114

Lab Sample ID: MB 410-86660/1-A
Matrix: Water
Analysis Batch: 87191

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86660

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		01/21/21 20:16	1

Lab Sample ID: LCS 410-86660/2-A
Matrix: Water
Analysis Batch: 87191

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86660

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	0.0200	0.0227		mg/L		113	90 - 114

Lab Sample ID: 410-26241-4 MS
Matrix: Water
Analysis Batch: 85722

Client Sample ID: GWTS-INF1-011221
Prep Type: Dissolved
Prep Batch: 85508

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.10	U	0.400	0.428		mg/L		107	87 - 115
Manganese	0.0052	U *+	0.0200	0.0219		mg/L		109	90 - 114

Lab Sample ID: 410-26241-4 MSD
Matrix: Water
Analysis Batch: 85722

Client Sample ID: GWTS-INF1-011221
Prep Type: Dissolved
Prep Batch: 85508

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	0.10	U	0.400	0.431		mg/L		108	87 - 115	1	20
Manganese	0.0052	U *+	0.0200	0.0220		mg/L		110	90 - 114	1	20

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QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26241-1

Method: 6010C - Metals (ICP)

Lab Sample ID: 410-26241-6 MS
Matrix: Water
Analysis Batch: 85722

Client Sample ID: GWTS-EFF2-011221
Prep Type: Dissolved
Prep Batch: 85508

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.10	U	0.400	0.441		mg/L		110	87 - 115
Manganese	0.0052	U *+	0.0200	0.0209		mg/L		104	90 - 114

Lab Sample ID: 410-26241-6 MSD
Matrix: Water
Analysis Batch: 85722

Client Sample ID: GWTS-EFF2-011221
Prep Type: Dissolved
Prep Batch: 85508

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	0.10	U	0.400	0.458		mg/L		114	87 - 115	4	20
Manganese	0.0052	U *+	0.0200	0.0219		mg/L		110	90 - 114	5	20

Lab Sample ID: 410-26241-4 DU
Matrix: Water
Analysis Batch: 85722

Client Sample ID: GWTS-INF1-011221
Prep Type: Dissolved
Prep Batch: 85508

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Iron	0.10	U	0.10	U	mg/L		NC	20
Manganese	0.0052	U *+	0.0052	U *+	mg/L		NC	20

Lab Sample ID: 410-26241-6 DU
Matrix: Water
Analysis Batch: 85722

Client Sample ID: GWTS-EFF2-011221
Prep Type: Dissolved
Prep Batch: 85508

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Iron	0.10	U	0.10	U	mg/L		NC	20
Manganese	0.0052	U *+	0.0052	U *+	mg/L		NC	20

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26241-1

GC/MS VOA

Analysis Batch: 86695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26241-1	GWTS-EFF1-011221	Total/NA	Water	8260C DOD	
410-26241-2	GWTS-EFF1DUP-011221	Total/NA	Water	8260C DOD	
410-26241-3	GWTS-GAC1-011221	Total/NA	Water	8260C DOD	
410-26241-4	GWTS-INF1-011221	Total/NA	Water	8260C DOD	
410-26241-5	GWTS-TB01-011221	Total/NA	Water	8260C DOD	
410-26241-6	GWTS-EFF2-011221	Total/NA	Water	8260C DOD	
410-26241-7	GWTS-GAC2-011221	Total/NA	Water	8260C DOD	
410-26241-8	GWTS-INF2-011221	Total/NA	Water	8260C DOD	
410-26241-9	GWTS-FB02-011221	Total/NA	Water	8260C DOD	
MB 410-86695/7	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-86695/5	Lab Control Sample	Total/NA	Water	8260C DOD	
410-26241-6 MS	GWTS-EFF2-011221	Total/NA	Water	8260C DOD	
410-26241-6 MSD	GWTS-EFF2-011221	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 85393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26241-1	GWTS-EFF1-011221	Total/NA	Water	8011	
410-26241-2	GWTS-EFF1DUP-011221	Total/NA	Water	8011	
410-26241-3	GWTS-GAC1-011221	Total/NA	Water	8011	
410-26241-4	GWTS-INF1-011221	Total/NA	Water	8011	
MB 410-85393/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-85393/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-85393/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 85571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26241-1	GWTS-EFF1-011221	Total/NA	Water	8011	85393
410-26241-2	GWTS-EFF1DUP-011221	Total/NA	Water	8011	85393
410-26241-3	GWTS-GAC1-011221	Total/NA	Water	8011	85393
410-26241-4	GWTS-INF1-011221	Total/NA	Water	8011	85393
MB 410-85393/1-A	Method Blank	Total/NA	Water	8011	85393
LCS 410-85393/2-A	Lab Control Sample	Total/NA	Water	8011	85393
LCSD 410-85393/3-A	Lab Control Sample Dup	Total/NA	Water	8011	85393

Prep Batch: 85797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26241-5	GWTS-TB01-011221	Total/NA	Water	8011	
410-26241-6	GWTS-EFF2-011221	Total/NA	Water	8011	
410-26241-7	GWTS-GAC2-011221	Total/NA	Water	8011	
410-26241-8	GWTS-INF2-011221	Total/NA	Water	8011	
410-26241-9	GWTS-FB02-011221	Total/NA	Water	8011	
MB 410-85797/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-85797/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-85797/3-A	Lab Control Sample Dup	Total/NA	Water	8011	
410-26241-6 MS	GWTS-EFF2-011221	Total/NA	Water	8011	
410-26241-6 MSD	GWTS-EFF2-011221	Total/NA	Water	8011	

QC Association Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26241-1
Project/Site: Kirtland AFB Bulk Fuels Facility

GC Semi VOA

Analysis Batch: 85833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26241-5	GWTS-TB01-011221	Total/NA	Water	8011	85797
410-26241-6	GWTS-EFF2-011221	Total/NA	Water	8011	85797
410-26241-7	GWTS-GAC2-011221	Total/NA	Water	8011	85797
410-26241-8	GWTS-INF2-011221	Total/NA	Water	8011	85797
410-26241-9	GWTS-FB02-011221	Total/NA	Water	8011	85797
MB 410-85797/1-A	Method Blank	Total/NA	Water	8011	85797
LCS 410-85797/2-A	Lab Control Sample	Total/NA	Water	8011	85797
LCSD 410-85797/3-A	Lab Control Sample Dup	Total/NA	Water	8011	85797
410-26241-6 MS	GWTS-EFF2-011221	Total/NA	Water	8011	85797
410-26241-6 MSD	GWTS-EFF2-011221	Total/NA	Water	8011	85797

Metals

Prep Batch: 85508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26241-1	GWTS-EFF1-011221	Dissolved	Water	Non-Digest Prep	
410-26241-2	GWTS-EFF1DUP-011221	Dissolved	Water	Non-Digest Prep	
410-26241-3	GWTS-GAC1-011221	Dissolved	Water	Non-Digest Prep	
410-26241-4	GWTS-INF1-011221	Dissolved	Water	Non-Digest Prep	
410-26241-6	GWTS-EFF2-011221	Dissolved	Water	Non-Digest Prep	
410-26241-7	GWTS-GAC2-011221	Dissolved	Water	Non-Digest Prep	
410-26241-8	GWTS-INF2-011221	Dissolved	Water	Non-Digest Prep	
MB 410-85508/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-85508/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	
410-26241-4 MS	GWTS-INF1-011221	Dissolved	Water	Non-Digest Prep	
410-26241-4 MSD	GWTS-INF1-011221	Dissolved	Water	Non-Digest Prep	
410-26241-6 MS	GWTS-EFF2-011221	Dissolved	Water	Non-Digest Prep	
410-26241-6 MSD	GWTS-EFF2-011221	Dissolved	Water	Non-Digest Prep	
410-26241-4 DU	GWTS-INF1-011221	Dissolved	Water	Non-Digest Prep	
410-26241-6 DU	GWTS-EFF2-011221	Dissolved	Water	Non-Digest Prep	

Analysis Batch: 85722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26241-1	GWTS-EFF1-011221	Dissolved	Water	6010C	85508
410-26241-2	GWTS-EFF1DUP-011221	Dissolved	Water	6010C	85508
410-26241-3	GWTS-GAC1-011221	Dissolved	Water	6010C	85508
410-26241-4	GWTS-INF1-011221	Dissolved	Water	6010C	85508
410-26241-6	GWTS-EFF2-011221	Dissolved	Water	6010C	85508
410-26241-7	GWTS-GAC2-011221	Dissolved	Water	6010C	85508
410-26241-8	GWTS-INF2-011221	Dissolved	Water	6010C	85508
MB 410-85508/1-A	Method Blank	Total/NA	Water	6010C	85508
LCS 410-85508/2-A	Lab Control Sample	Total/NA	Water	6010C	85508
410-26241-4 MS	GWTS-INF1-011221	Dissolved	Water	6010C	85508
410-26241-4 MSD	GWTS-INF1-011221	Dissolved	Water	6010C	85508
410-26241-6 MS	GWTS-EFF2-011221	Dissolved	Water	6010C	85508
410-26241-6 MSD	GWTS-EFF2-011221	Dissolved	Water	6010C	85508
410-26241-4 DU	GWTS-INF1-011221	Dissolved	Water	6010C	85508
410-26241-6 DU	GWTS-EFF2-011221	Dissolved	Water	6010C	85508

QC Association Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26241-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Metals

Prep Batch: 86660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26241-8	GWTS-INF2-011221	Dissolved	Water	Non-Digest Prep	
MB 410-86660/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-86660/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	

Analysis Batch: 87191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-26241-8	GWTS-INF2-011221	Dissolved	Water	6010C	86660
MB 410-86660/1-A	Method Blank	Total/NA	Water	6010C	86660
LCS 410-86660/2-A	Lab Control Sample	Total/NA	Water	6010C	86660

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26241-1

Client Sample ID: GWTS-EFF1-011221
Lab Sample ID: 410-26241-1
Date Collected: 01/12/21 09:40
Matrix: Water
Date Received: 01/13/21 11:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86695	01/21/21 17:35	TQ4J	ELLE
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 15:45	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			85508	01/18/21 05:56	UJL8	ELLE
Dissolved	Analysis	6010C		1	85722	01/18/21 16:51	UCIG	ELLE

Client Sample ID: GWTS-EFF1DUP-011221
Lab Sample ID: 410-26241-2
Date Collected: 01/12/21 09:40
Matrix: Water
Date Received: 01/13/21 11:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86695	01/21/21 17:57	TQ4J	ELLE
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 16:19	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			85508	01/18/21 05:56	UJL8	ELLE
Dissolved	Analysis	6010C		1	85722	01/18/21 16:54	UCIG	ELLE

Client Sample ID: GWTS-GAC1-011221
Lab Sample ID: 410-26241-3
Date Collected: 01/12/21 09:52
Matrix: Water
Date Received: 01/13/21 11:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86695	01/21/21 18:20	TQ4J	ELLE
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 16:35	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			85508	01/18/21 05:56	UJL8	ELLE
Dissolved	Analysis	6010C		1	85722	01/18/21 16:48	UCIG	ELLE

Client Sample ID: GWTS-INF1-011221
Lab Sample ID: 410-26241-4
Date Collected: 01/12/21 10:24
Matrix: Water
Date Received: 01/13/21 11:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86695	01/21/21 18:42	TQ4J	ELLE
Total/NA	Prep	8011			85393	01/16/21 04:25	UKQ8	ELLE
Total/NA	Analysis	8011		1	85571	01/18/21 16:52	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			85508	01/18/21 05:56	UJL8	ELLE
Dissolved	Analysis	6010C		1	85722	01/18/21 17:35	UCIG	ELLE

Client Sample ID: GWTS-TB01-011221
Lab Sample ID: 410-26241-5
Date Collected: 01/12/21 10:30
Matrix: Water
Date Received: 01/13/21 11:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86695	01/21/21 13:55	TQ4J	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26241-1

Client Sample ID: GWTS-TB01-011221
Lab Sample ID: 410-26241-5
Date Collected: 01/12/21 10:30
Matrix: Water
Date Received: 01/13/21 11:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			85797	01/19/21 05:31	UKQ8	ELLE
Total/NA	Analysis	8011		1	85833	01/19/21 12:50	UAMZ	ELLE

Client Sample ID: GWTS-EFF2-011221
Lab Sample ID: 410-26241-6
Date Collected: 01/12/21 09:00
Matrix: Water
Date Received: 01/13/21 11:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86695	01/21/21 14:39	TQ4J	ELLE
Total/NA	Prep	8011			85797	01/19/21 05:31	UKQ8	ELLE
Total/NA	Analysis	8011		1	85833	01/19/21 13:07	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			85508	01/18/21 05:56	UJL8	ELLE
Dissolved	Analysis	6010C		1	85722	01/18/21 16:12	UCIG	ELLE

Client Sample ID: GWTS-GAC2-011221
Lab Sample ID: 410-26241-7
Date Collected: 01/12/21 09:15
Matrix: Water
Date Received: 01/13/21 11:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86695	01/21/21 19:04	TQ4J	ELLE
Total/NA	Prep	8011			85797	01/19/21 05:31	UKQ8	ELLE
Total/NA	Analysis	8011		1	85833	01/19/21 13:57	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			85508	01/18/21 05:56	UJL8	ELLE
Dissolved	Analysis	6010C		1	85722	01/18/21 16:35	UCIG	ELLE

Client Sample ID: GWTS-INF2-011221
Lab Sample ID: 410-26241-8
Date Collected: 01/12/21 09:22
Matrix: Water
Date Received: 01/13/21 11:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86695	01/21/21 19:26	TQ4J	ELLE
Total/NA	Prep	8011			85797	01/19/21 05:31	UKQ8	ELLE
Total/NA	Analysis	8011		1	85833	01/19/21 14:31	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			86660	01/21/21 05:06	UJL8	ELLE
Dissolved	Analysis	6010C		1	87191	01/21/21 21:35	UCIG	ELLE
Dissolved	Prep	Non-Digest Prep			85508	01/18/21 05:56	UJL8	ELLE
Dissolved	Analysis	6010C		1	85722	01/18/21 16:44	UCIG	ELLE

Client Sample ID: GWTS-FB02-011221
Lab Sample ID: 410-26241-9
Date Collected: 01/12/21 09:00
Matrix: Water
Date Received: 01/13/21 11:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	86695	01/21/21 14:17	TQ4J	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26241-1

Client Sample ID: GWTS-FB02-011221
Date Collected: 01/12/21 09:00
Date Received: 01/13/21 11:26

Lab Sample ID: 410-26241-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			85797	01/19/21 05:31	UKQ8	ELLE
Total/NA	Analysis	8011		1	85833	01/19/21 14:47	UAMZ	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26241-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	01-31-21

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-26241-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
6010C	Metals (ICP)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-26241-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-26241-1	GWTS-EFF1-011221	Water	01/12/21 09:40	01/13/21 11:26	
410-26241-2	GWTS-EFF1DUP-011221	Water	01/12/21 09:40	01/13/21 11:26	
410-26241-3	GWTS-GAC1-011221	Water	01/12/21 09:52	01/13/21 11:26	
410-26241-4	GWTS-INF1-011221	Water	01/12/21 10:24	01/13/21 11:26	
410-26241-5	GWTS-TB01-011221	Water	01/12/21 10:30	01/13/21 11:26	
410-26241-6	GWTS-EFF2-011221	Water	01/12/21 09:00	01/13/21 11:26	
410-26241-7	GWTS-GAC2-011221	Water	01/12/21 09:15	01/13/21 11:26	
410-26241-8	GWTS-INF2-011221	Water	01/12/21 09:22	01/13/21 11:26	
410-26241-9	GWTS-FB02-011221	Water	01/12/21 09:00	01/13/21 11:26	

410-26241 Chain of Custody

EA 225 Schilling Circle Suite 400 Hunt Valley MD Tel No. (410) 584-7000 Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-011221

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF1-011221	01/12/21	0940	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-EFF1DUP-011221	01/12/21	0940	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-GAC1-011221	01/12/21	0952	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-INF1-011221	01/12/21	1024	6	--	3	--	2	--	1*	--	--	--	--	--	
5	GWTS-TB01-011221	01/12/21	1030	4	--	2	--	2	--	--	--	--	--	--	--	
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1083

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
J Livingston	1/12/21	1500			
			Nicole Reitz	1/13/21	1126

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No. (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS2-011221

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
PROJECT SITE AND PHASE: ST106/SS111

LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
LAB PO NUMBER: 21295

FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

YEAR: 2021
QUARTER: Q1

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-011221	01/12/21	0900	18	--	9	--	6	--	3*	--	--	--	--	--	Additional Volume Provided for MSMSD
2	GWTS-GAC2-011221	01/12/21	0915	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-011221	01/12/21	0922	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-FB02-011221	01/12/21	0900	5	--	3	--	2	--	--	--	--	--	--	--	Collected simultaneously with GWTS-EFF2-011221
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1083

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
J Livingston	1/12/21	1500			
			Nicole Rutt	1/13/21	1120

410-26241 Chain of Custody

EA 225 Schilling Circle Suite 400 Hunt Valley MD Tel No. (410) 584-7000 Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-011221

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF1-011221	01/12/21	0940	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-EFF1DUP-011221	01/12/21	0940	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-GAC1-011221	01/12/21	0952	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-INF1-011221	01/12/21	1024	6	--	3	--	2	--	1*	--	--	--	--	--	
5	GWTS-TB01-011221	01/12/21	1030	4	--	2	--	2	--	--	--	--	--	--	--	
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1083

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
J Livingston	1/12/21	1500			
			Nicole Reitz 1/13/21 1126		

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No. (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS2-011221

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
PROJECT SITE AND PHASE: ST106/SS111

LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
LAB PO NUMBER: 21295

FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

YEAR: 2021
QUARTER: Q1

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-011221	01/12/21	0900	18	--	9	--	6	--	3*	--	--	--	--	--	Additional Volume Provided for MSMSD
2	GWTS-GAC2-011221	01/12/21	0915	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-011221	01/12/21	0922	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-FB02-011221	01/12/21	0900	5	--	3	--	2	--	--	--	--	--	--	--	Collected simultaneously with GWTS-EFF2-011221
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): J Livingston

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1083

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
J Livingston	1/12/21	1500			
			Nicole Rutt	1/13/21	1120

1/26/2021

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-26241-1

Login Number: 26241
List Number: 1
Creator: Colon Martinez, Jessenia C

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-28705-1
Client Project/Site: Kirtland AFB Bulk Fuels Facility

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Authorized for release by:
2/19/2021 5:18:10 PM
Nicole Maljovec, Client Services Manager
(717)556-7259
Nicole.Maljovec@eurofinset.com

Designee for

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Nicole Maljovec
Client Services Manager
2/19/2021 5:18:10 PM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory Job ID: 410-28705-1

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-28705-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
M	Manual integrated compound.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-28705-1

Job ID: 410-28705-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-28705-1

Receipt
The samples were received on 2/6/2021 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.4°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-28705-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF1-020521 — Lab Sample ID: 410-28705-1

No Detections.

Client Sample ID: GWTS-GAC1-020521 — Lab Sample ID: 410-28705-2

No Detections.

Client Sample ID: GWTS-INF1-020521 — Lab Sample ID: 410-28705-3

No Detections.

Client Sample ID: GWTS-FB01-020521 — Lab Sample ID: 410-28705-4

No Detections.

Client Sample ID: GWTS-TB01-020521 — Lab Sample ID: 410-28705-5

No Detections.

Client Sample ID: GWTS-EFF2-020521 — Lab Sample ID: 410-28705-6

No Detections.

Client Sample ID: GWTS-EFF2DUP-020521 — Lab Sample ID: 410-28705-7

No Detections.

Client Sample ID: GWTS-GAC2-020521 — Lab Sample ID: 410-28705-8

No Detections.

Client Sample ID: GWTS-INF2-020521 — Lab Sample ID: 410-28705-9

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (1C)	0.014	J	0.029	0.020	0.0098	ug/L	1		8011	Total/NA
Manganese	0.0039	J	0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-28705-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF1-020521
Lab Sample ID: 410-28705-1
Date Collected: 02/05/21 09:00
Matrix: Water
Date Received: 02/06/21 10:30

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 13:41	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		02/10/21 13:41	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 13:41	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		02/10/21 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*02/10/21 13:41*	*1*
4-Bromofluorobenzene (Surr)	*94*		*85 - 114*		*02/10/21 13:41*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 119*		*02/10/21 13:41*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*02/10/21 13:41*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.0099	ug/L		02/12/21 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*91*		*46 - 136*	*02/11/21 20:20*	*02/12/21 13:08*	*1*
1,1,2,2-Tetrachloroethane (2C)	*94*		*46 - 136*	*02/11/21 20:20*	*02/12/21 13:08*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		02/09/21 19:12	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		02/09/21 19:12	1

Client Sample ID: GWTS-GAC1-020521
Lab Sample ID: 410-28705-2
Date Collected: 02/05/21 09:13
Matrix: Water
Date Received: 02/06/21 10:30

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 15:09	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		02/10/21 15:09	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 15:09	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		02/10/21 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*02/10/21 15:09*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*02/10/21 15:09*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 119*		*02/10/21 15:09*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*02/10/21 15:09*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U M	0.029	0.019	0.0097	ug/L		02/12/21 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*90*		*46 - 136*	*02/11/21 20:20*	*02/12/21 13:58*	*1*
1,1,2,2-Tetrachloroethane (2C)	*98*		*46 - 136*	*02/11/21 20:20*	*02/12/21 13:58*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		02/09/21 19:30	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-28705-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-GAC1-020521
Lab Sample ID: 410-28705-2
Date Collected: 02/05/21 09:13
Matrix: Water
Date Received: 02/06/21 10:30

Method: 6010C - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		02/09/21 19:30	1

Client Sample ID: GWTS-INF1-020521
Lab Sample ID: 410-28705-3
Date Collected: 02/05/21 09:20
Matrix: Water
Date Received: 02/06/21 10:30

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 15:31	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		02/10/21 15:31	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 15:31	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		02/10/21 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*02/10/21 15:31*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*02/10/21 15:31*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*02/10/21 15:31*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*02/10/21 15:31*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.029	0.020	0.0098	ug/L		02/12/21 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*97*		*46 - 136*	*02/11/21 20:20*	*02/12/21 14:15*	*1*
1,1,2,2-Tetrachloroethane (2C)	*107*		*46 - 136*	*02/11/21 20:20*	*02/12/21 14:15*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		02/10/21 16:14	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		02/09/21 19:42	1

Client Sample ID: GWTS-FB01-020521
Lab Sample ID: 410-28705-4
Date Collected: 02/05/21 09:00
Matrix: Water
Date Received: 02/06/21 10:30

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 12:57	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		02/10/21 12:57	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 12:57	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		02/10/21 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*02/10/21 12:57*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*02/10/21 12:57*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 119*		*02/10/21 12:57*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*02/10/21 12:57*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.029	0.020	0.0098	ug/L		02/12/21 14:32	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-28705-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-FB01-020521
Lab Sample ID: 410-28705-4
Date Collected: 02/05/21 09:00
Matrix: Water
Date Received: 02/06/21 10:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	86		46 - 136	02/11/21 20:20	02/12/21 14:32	1
1,1,2,2-Tetrachloroethane (2C)	99		46 - 136	02/11/21 20:20	02/12/21 14:32	1

Client Sample ID: GWTS-TB01-020521
Lab Sample ID: 410-28705-5
Date Collected: 02/05/21 10:00
Matrix: Water
Date Received: 02/06/21 10:30

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 13:19	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		02/10/21 13:19	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 13:19	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		02/10/21 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		81 - 118		02/10/21 13:19	1
4-Bromofluorobenzene (Surr)	95		85 - 114		02/10/21 13:19	1
Dibromofluoromethane (Surr)	98		80 - 119		02/10/21 13:19	1
Toluene-d8 (Surr)	101		89 - 112		02/10/21 13:19	1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		02/12/21 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	88		46 - 136	02/11/21 20:20	02/12/21 14:49	1
1,1,2,2-Tetrachloroethane (2C)	102		46 - 136	02/11/21 20:20	02/12/21 14:49	1

Client Sample ID: GWTS-EFF2-020521
Lab Sample ID: 410-28705-6
Date Collected: 02/05/21 09:30
Matrix: Water
Date Received: 02/06/21 10:30

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 15:53	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		02/10/21 15:53	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 15:53	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		02/10/21 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		81 - 118		02/10/21 15:53	1
4-Bromofluorobenzene (Surr)	94		85 - 114		02/10/21 15:53	1
Dibromofluoromethane (Surr)	99		80 - 119		02/10/21 15:53	1
Toluene-d8 (Surr)	100		89 - 112		02/10/21 15:53	1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		02/12/21 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	95		46 - 136	02/11/21 20:20	02/12/21 15:06	1
1,1,2,2-Tetrachloroethane (2C)	94		46 - 136	02/11/21 20:20	02/12/21 15:06	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-28705-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-020521
Lab Sample ID: 410-28705-6
Date Collected: 02/05/21 09:30
Matrix: Water
Date Received: 02/06/21 10:30

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		02/10/21 16:17	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		02/09/21 19:45	1

Client Sample ID: GWTS-EFF2DUP-020521
Lab Sample ID: 410-28705-7
Date Collected: 02/05/21 09:30
Matrix: Water
Date Received: 02/06/21 10:30

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 16:15	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		02/10/21 16:15	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 16:15	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		02/10/21 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*02/10/21 16:15*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*02/10/21 16:15*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 119*		*02/10/21 16:15*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*02/10/21 16:15*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		02/12/21 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*100*		*46 - 136*	*02/11/21 20:20*	*02/12/21 15:22*	*1*
1,1,2,2-Tetrachloroethane (2C)	*95*		*46 - 136*	*02/11/21 20:20*	*02/12/21 15:22*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		02/09/21 19:33	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		02/09/21 19:33	1

Client Sample ID: GWTS-GAC2-020521
Lab Sample ID: 410-28705-8
Date Collected: 02/05/21 09:43
Matrix: Water
Date Received: 02/06/21 10:30

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 16:37	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		02/10/21 16:37	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 16:37	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		02/10/21 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*02/10/21 16:37*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*02/10/21 16:37*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*02/10/21 16:37*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*02/10/21 16:37*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-28705-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-GAC2-020521
Lab Sample ID: 410-28705-8
Date Collected: 02/05/21 09:43
Matrix: Water
Date Received: 02/06/21 10:30

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.029	0.020	0.0098	ug/L		02/12/21 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*87*		*46 - 136*	*02/11/21 20:20*	*02/12/21 15:39*	*1*
1,1,2,2-Tetrachloroethane (2C)	*99*		*46 - 136*	*02/11/21 20:20*	*02/12/21 15:39*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		02/10/21 16:23	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		02/09/21 19:55	1

Client Sample ID: GWTS-INF2-020521
Lab Sample ID: 410-28705-9
Date Collected: 02/05/21 09:54
Matrix: Water
Date Received: 02/06/21 10:30

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 16:59	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		02/10/21 16:59	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 16:59	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		02/10/21 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*02/10/21 16:59*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*02/10/21 16:59*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 119*		*02/10/21 16:59*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*02/10/21 16:59*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	**0.014**	**J**	0.029	0.020	0.0098	ug/L		02/12/21 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*92*		*46 - 136*	*02/11/21 20:20*	*02/12/21 15:56*	*1*
1,1,2,2-Tetrachloroethane (2C)	*102*		*46 - 136*	*02/11/21 20:20*	*02/12/21 15:56*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		02/10/21 16:20	1
Manganese	**0.0039**	**J**	0.010	0.0052	0.0031	mg/L		02/09/21 19:48	1

Surrogate Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-28705-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(81-118)	(85-114)	(80-119)	(89-112)
410-28705-1	GWTS-EFF1-020521	103	94	99	100
410-28705-1 MS	GWTS-EFF1-020521	105	97	100	102
410-28705-1 MSD	GWTS-EFF1-020521	101	97	100	101
410-28705-2	GWTS-GAC1-020521	104	95	99	100
410-28705-3	GWTS-INF1-020521	103	96	100	101
410-28705-4	GWTS-FB01-020521	101	95	99	101
410-28705-5	GWTS-TB01-020521	101	95	98	101
410-28705-6	GWTS-EFF2-020521	102	94	99	100
410-28705-7	GWTS-EFF2DUP-020521	102	95	99	101
410-28705-8	GWTS-GAC2-020521	102	95	100	100
410-28705-9	GWTS-INF2-020521	101	95	98	100
LCS 410-92785/5	Lab Control Sample	103	98	101	100
MB 410-92785/7	Method Blank	102	96	100	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(46-136)	(46-136)
410-28705-1	GWTS-EFF1-020521	91	94
410-28705-1 MS	GWTS-EFF1-020521	91	98
410-28705-1 MSD	GWTS-EFF1-020521	83	90
410-28705-2	GWTS-GAC1-020521	90	98
410-28705-3	GWTS-INF1-020521	97	107
410-28705-4	GWTS-FB01-020521	86	99
410-28705-5	GWTS-TB01-020521	88	102
410-28705-6	GWTS-EFF2-020521	95	94
410-28705-7	GWTS-EFF2DUP-020521	100	95
410-28705-8	GWTS-GAC2-020521	87	99
410-28705-9	GWTS-INF2-020521	92	102
LCS 410-93552/2-A	Lab Control Sample	88	95
LCSD 410-93552/3-A	Lab Control Sample Dup	87	97
MB 410-93552/1-A	Method Blank	87	94

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-28705-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-92785/7
Matrix: Water
Analysis Batch: 92785

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 11:04	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		02/10/21 11:04	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		02/10/21 11:04	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		02/10/21 11:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*02/10/21 11:04*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*02/10/21 11:04*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*02/10/21 11:04*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*02/10/21 11:04*	*1*

Lab Sample ID: LCS 410-92785/5
Matrix: Water
Analysis Batch: 92785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	20.5		ug/L		102	42 - 138
Ethylbenzene	20.0	20.2		ug/L		101	79 - 121
Toluene	20.0	20.2		ug/L		101	80 - 121
Xylenes, Total	60.0	58.9		ug/L		98	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*
Dibromofluoromethane (Surr)	*101*		*80 - 119*
Toluene-d8 (Surr)	*100*		*89 - 112*

Lab Sample ID: 410-28705-1 MS
Matrix: Water
Analysis Batch: 92785

Client Sample ID: GWTS-EFF1-020521
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.50	U	20.0	19.9		ug/L		100	42 - 138
Ethylbenzene	0.80	U	20.0	22.3		ug/L		111	79 - 121
Toluene	0.50	U	20.0	21.1		ug/L		106	80 - 121
Xylenes, Total	2.8	U	60.0	64.9		ug/L		108	79 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*81 - 118*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*
Dibromofluoromethane (Surr)	*100*		*80 - 119*
Toluene-d8 (Surr)	*102*		*89 - 112*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-28705-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-28705-1 MSD
Matrix: Water
Analysis Batch: 92785

Client Sample ID: GWTS-EFF1-020521
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.50	U	20.0	20.5		ug/L		103	42 - 138	3	20
Ethylbenzene	0.80	U	20.0	23.1		ug/L		116	79 - 121	4	20
Toluene	0.50	U	20.0	22.0		ug/L		110	80 - 121	4	20
Xylenes, Total	2.8	U	60.0	66.7		ug/L		111	79 - 121	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*
Dibromofluoromethane (Surr)	*100*		*80 - 119*
Toluene-d8 (Surr)	*101*		*89 - 112*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-93552/1-A
Matrix: Water
Analysis Batch: 93729

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93552

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		02/12/21 11:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*87*		*46 - 136*	*02/11/21 20:20*	*02/12/21 11:11*	*1*
1,1,2,2-Tetrachloroethane (2C)	*94*		*46 - 136*	*02/11/21 20:20*	*02/12/21 11:11*	*1*

Lab Sample ID: LCS 410-93552/2-A
Matrix: Water
Analysis Batch: 93729

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93552

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide (1C)			0.128	0.121		ug/L		95	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*88*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*95*		*46 - 136*

Lab Sample ID: LCSD 410-93552/3-A
Matrix: Water
Analysis Batch: 93729

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93552

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.120		ug/L		94	60 - 140	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*87*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*97*		*46 - 136*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-28705-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: 410-28705-1 MS
Matrix: Water
Analysis Batch: 93729

Client Sample ID: GWTS-EFF1-020521
Prep Type: Total/NA
Prep Batch: 93552

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.020	U	0.124	0.119		ug/L		96	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*91*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*98*		*46 - 136*

Lab Sample ID: 410-28705-1 MSD
Matrix: Water
Analysis Batch: 93729

Client Sample ID: GWTS-EFF1-020521
Prep Type: Total/NA
Prep Batch: 93552

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)	0.020	U	0.125	0.108		ug/L		87	60 - 140	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*83*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*90*		*46 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-92265/1-A
Matrix: Water
Analysis Batch: 92792

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92265

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		02/09/21 18:59	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		02/09/21 18:59	1

Lab Sample ID: LCS 410-92265/2-A
Matrix: Water
Analysis Batch: 92792

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92265

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.400	0.424		mg/L		106	87 - 115
Manganese	0.0200	0.0205		mg/L		102	90 - 114

Lab Sample ID: 410-28705-1 MS
Matrix: Water
Analysis Batch: 92792

Client Sample ID: GWTS-EFF1-020521
Prep Type: Dissolved
Prep Batch: 92265

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.10	U	0.400	0.409		mg/L		102	87 - 115
Manganese	0.0052	U	0.0200	0.0199		mg/L		100	90 - 114

Lab Sample ID: 410-28705-1 MSD
Matrix: Water
Analysis Batch: 92792

Client Sample ID: GWTS-EFF1-020521
Prep Type: Dissolved
Prep Batch: 92265

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	0.10	U	0.400	0.406		mg/L		101	87 - 115	1	20

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-28705-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 410-28705-1 MSD
Matrix: Water
Analysis Batch: 92792

Client Sample ID: GWTS-EFF1-020521
Prep Type: Dissolved
Prep Batch: 92265

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Manganese	0.0052	U	0.0200	0.0202		mg/L		101	90 - 114	1	20

Lab Sample ID: 410-28705-1 DU
Matrix: Water
Analysis Batch: 92792

Client Sample ID: GWTS-EFF1-020521
Prep Type: Dissolved
Prep Batch: 92265

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Iron	0.10	U		0.10	U	mg/L				NC	20
Manganese	0.0052	U		0.0052	U	mg/L				NC	20

QC Association Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-28705-1
Project/Site: Kirtland AFB Bulk Fuels Facility

GC/MS VOA

Analysis Batch: 92785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-28705-1	GWTS-EFF1-020521	Total/NA	Water	8260C DOD	
410-28705-2	GWTS-GAC1-020521	Total/NA	Water	8260C DOD	
410-28705-3	GWTS-INF1-020521	Total/NA	Water	8260C DOD	
410-28705-4	GWTS-FB01-020521	Total/NA	Water	8260C DOD	
410-28705-5	GWTS-TB01-020521	Total/NA	Water	8260C DOD	
410-28705-6	GWTS-EFF2-020521	Total/NA	Water	8260C DOD	
410-28705-7	GWTS-EFF2DUP-020521	Total/NA	Water	8260C DOD	
410-28705-8	GWTS-GAC2-020521	Total/NA	Water	8260C DOD	
410-28705-9	GWTS-INF2-020521	Total/NA	Water	8260C DOD	
MB 410-92785/7	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-92785/5	Lab Control Sample	Total/NA	Water	8260C DOD	
410-28705-1 MS	GWTS-EFF1-020521	Total/NA	Water	8260C DOD	
410-28705-1 MSD	GWTS-EFF1-020521	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 93552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-28705-1	GWTS-EFF1-020521	Total/NA	Water	8011	
410-28705-2	GWTS-GAC1-020521	Total/NA	Water	8011	
410-28705-3	GWTS-INF1-020521	Total/NA	Water	8011	
410-28705-4	GWTS-FB01-020521	Total/NA	Water	8011	
410-28705-5	GWTS-TB01-020521	Total/NA	Water	8011	
410-28705-6	GWTS-EFF2-020521	Total/NA	Water	8011	
410-28705-7	GWTS-EFF2DUP-020521	Total/NA	Water	8011	
410-28705-8	GWTS-GAC2-020521	Total/NA	Water	8011	
410-28705-9	GWTS-INF2-020521	Total/NA	Water	8011	
MB 410-93552/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-93552/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-93552/3-A	Lab Control Sample Dup	Total/NA	Water	8011	
410-28705-1 MS	GWTS-EFF1-020521	Total/NA	Water	8011	
410-28705-1 MSD	GWTS-EFF1-020521	Total/NA	Water	8011	

Analysis Batch: 93729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-28705-1	GWTS-EFF1-020521	Total/NA	Water	8011	93552
410-28705-2	GWTS-GAC1-020521	Total/NA	Water	8011	93552
410-28705-3	GWTS-INF1-020521	Total/NA	Water	8011	93552
410-28705-4	GWTS-FB01-020521	Total/NA	Water	8011	93552
410-28705-5	GWTS-TB01-020521	Total/NA	Water	8011	93552
410-28705-6	GWTS-EFF2-020521	Total/NA	Water	8011	93552
410-28705-7	GWTS-EFF2DUP-020521	Total/NA	Water	8011	93552
410-28705-8	GWTS-GAC2-020521	Total/NA	Water	8011	93552
410-28705-9	GWTS-INF2-020521	Total/NA	Water	8011	93552
MB 410-93552/1-A	Method Blank	Total/NA	Water	8011	93552
LCS 410-93552/2-A	Lab Control Sample	Total/NA	Water	8011	93552
LCSD 410-93552/3-A	Lab Control Sample Dup	Total/NA	Water	8011	93552
410-28705-1 MS	GWTS-EFF1-020521	Total/NA	Water	8011	93552
410-28705-1 MSD	GWTS-EFF1-020521	Total/NA	Water	8011	93552

QC Association Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-28705-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Metals

Prep Batch: 92265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-28705-1	GWTS-EFF1-020521	Dissolved	Water	Non-Digest Prep	
410-28705-2	GWTS-GAC1-020521	Dissolved	Water	Non-Digest Prep	
410-28705-3	GWTS-INF1-020521	Dissolved	Water	Non-Digest Prep	
410-28705-6	GWTS-EFF2-020521	Dissolved	Water	Non-Digest Prep	
410-28705-7	GWTS-EFF2DUP-020521	Dissolved	Water	Non-Digest Prep	
410-28705-8	GWTS-GAC2-020521	Dissolved	Water	Non-Digest Prep	
410-28705-9	GWTS-INF2-020521	Dissolved	Water	Non-Digest Prep	
MB 410-92265/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-92265/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	
410-28705-1 MS	GWTS-EFF1-020521	Dissolved	Water	Non-Digest Prep	
410-28705-1 MSD	GWTS-EFF1-020521	Dissolved	Water	Non-Digest Prep	
410-28705-1 DU	GWTS-EFF1-020521	Dissolved	Water	Non-Digest Prep	

Analysis Batch: 92792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-28705-1	GWTS-EFF1-020521	Dissolved	Water	6010C	92265
410-28705-2	GWTS-GAC1-020521	Dissolved	Water	6010C	92265
410-28705-3	GWTS-INF1-020521	Dissolved	Water	6010C	92265
410-28705-6	GWTS-EFF2-020521	Dissolved	Water	6010C	92265
410-28705-7	GWTS-EFF2DUP-020521	Dissolved	Water	6010C	92265
410-28705-8	GWTS-GAC2-020521	Dissolved	Water	6010C	92265
410-28705-9	GWTS-INF2-020521	Dissolved	Water	6010C	92265
MB 410-92265/1-A	Method Blank	Total/NA	Water	6010C	92265
LCS 410-92265/2-A	Lab Control Sample	Total/NA	Water	6010C	92265
410-28705-1 MS	GWTS-EFF1-020521	Dissolved	Water	6010C	92265
410-28705-1 MSD	GWTS-EFF1-020521	Dissolved	Water	6010C	92265
410-28705-1 DU	GWTS-EFF1-020521	Dissolved	Water	6010C	92265

Analysis Batch: 93036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-28705-3	GWTS-INF1-020521	Dissolved	Water	6010C	92265
410-28705-6	GWTS-EFF2-020521	Dissolved	Water	6010C	92265
410-28705-8	GWTS-GAC2-020521	Dissolved	Water	6010C	92265
410-28705-9	GWTS-INF2-020521	Dissolved	Water	6010C	92265

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-28705-1

Client Sample ID: GWTS-EFF1-020521
Lab Sample ID: 410-28705-1
Date Collected: 02/05/21 09:00
Matrix: Water
Date Received: 02/06/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	92785	02/10/21 13:41	H9JD	ELLE
Total/NA	Prep	8011			93552	02/11/21 20:20	QQ3P	ELLE
Total/NA	Analysis	8011		1	93729	02/12/21 13:08	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			92265	02/09/21 04:43	UJL8	ELLE
Dissolved	Analysis	6010C		1	92792	02/09/21 19:12	WJM9	ELLE

Client Sample ID: GWTS-GAC1-020521
Lab Sample ID: 410-28705-2
Date Collected: 02/05/21 09:13
Matrix: Water
Date Received: 02/06/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	92785	02/10/21 15:09	H9JD	ELLE
Total/NA	Prep	8011			93552	02/11/21 20:20	QQ3P	ELLE
Total/NA	Analysis	8011		1	93729	02/12/21 13:58	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			92265	02/09/21 04:43	UJL8	ELLE
Dissolved	Analysis	6010C		1	92792	02/09/21 19:30	WJM9	ELLE

Client Sample ID: GWTS-INF1-020521
Lab Sample ID: 410-28705-3
Date Collected: 02/05/21 09:20
Matrix: Water
Date Received: 02/06/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	92785	02/10/21 15:31	H9JD	ELLE
Total/NA	Prep	8011			93552	02/11/21 20:20	QQ3P	ELLE
Total/NA	Analysis	8011		1	93729	02/12/21 14:15	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			92265	02/09/21 04:43	UJL8	ELLE
Dissolved	Analysis	6010C		1	92792	02/09/21 19:42	WJM9	ELLE
Dissolved	Prep	Non-Digest Prep			92265	02/09/21 04:43	UJL8	ELLE
Dissolved	Analysis	6010C		1	93036	02/10/21 16:14	UCIG	ELLE

Client Sample ID: GWTS-FB01-020521
Lab Sample ID: 410-28705-4
Date Collected: 02/05/21 09:00
Matrix: Water
Date Received: 02/06/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	92785	02/10/21 12:57	H9JD	ELLE
Total/NA	Prep	8011			93552	02/11/21 20:20	QQ3P	ELLE
Total/NA	Analysis	8011		1	93729	02/12/21 14:32	AC3T	ELLE

Client Sample ID: GWTS-TB01-020521
Lab Sample ID: 410-28705-5
Date Collected: 02/05/21 10:00
Matrix: Water
Date Received: 02/06/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	92785	02/10/21 13:19	H9JD	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-28705-1

Client Sample ID: GWTS-TB01-020521
Lab Sample ID: 410-28705-5
Date Collected: 02/05/21 10:00
Matrix: Water
Date Received: 02/06/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			93552	02/11/21 20:20	QQ3P	ELLE
Total/NA	Analysis	8011		1	93729	02/12/21 14:49	AC3T	ELLE

Client Sample ID: GWTS-EFF2-020521
Lab Sample ID: 410-28705-6
Date Collected: 02/05/21 09:30
Matrix: Water
Date Received: 02/06/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	92785	02/10/21 15:53	H9JD	ELLE
Total/NA	Prep	8011			93552	02/11/21 20:20	QQ3P	ELLE
Total/NA	Analysis	8011		1	93729	02/12/21 15:06	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			92265	02/09/21 04:43	UJL8	ELLE
Dissolved	Analysis	6010C		1	92792	02/09/21 19:45	WJM9	ELLE
Dissolved	Prep	Non-Digest Prep			92265	02/09/21 04:43	UJL8	ELLE
Dissolved	Analysis	6010C		1	93036	02/10/21 16:17	UCIG	ELLE

Client Sample ID: GWTS-EFF2DUP-020521
Lab Sample ID: 410-28705-7
Date Collected: 02/05/21 09:30
Matrix: Water
Date Received: 02/06/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	92785	02/10/21 16:15	H9JD	ELLE
Total/NA	Prep	8011			93552	02/11/21 20:20	QQ3P	ELLE
Total/NA	Analysis	8011		1	93729	02/12/21 15:22	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			92265	02/09/21 04:43	UJL8	ELLE
Dissolved	Analysis	6010C		1	92792	02/09/21 19:33	WJM9	ELLE

Client Sample ID: GWTS-GAC2-020521
Lab Sample ID: 410-28705-8
Date Collected: 02/05/21 09:43
Matrix: Water
Date Received: 02/06/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	92785	02/10/21 16:37	H9JD	ELLE
Total/NA	Prep	8011			93552	02/11/21 20:20	QQ3P	ELLE
Total/NA	Analysis	8011		1	93729	02/12/21 15:39	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			92265	02/09/21 04:43	UJL8	ELLE
Dissolved	Analysis	6010C		1	92792	02/09/21 19:55	WJM9	ELLE
Dissolved	Prep	Non-Digest Prep			92265	02/09/21 04:43	UJL8	ELLE
Dissolved	Analysis	6010C		1	93036	02/10/21 16:23	UCIG	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Job ID: 410-28705-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-INF2-020521
Lab Sample ID: 410-28705-9
Date Collected: 02/05/21 09:54
Matrix: Water
Date Received: 02/06/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	92785	02/10/21 16:59	H9JD	ELLE
Total/NA	Prep	8011			93552	02/11/21 20:20	QQ3P	ELLE
Total/NA	Analysis	8011		1	93729	02/12/21 15:56	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			92265	02/09/21 04:43	UJL8	ELLE
Dissolved	Analysis	6010C		1	92792	02/09/21 19:48	WJM9	ELLE
Dissolved	Prep	Non-Digest Prep			92265	02/09/21 04:43	UJL8	ELLE
Dissolved	Analysis	6010C		1	93036	02/10/21 16:20	UCIG	ELLE

Laboratory References:
ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-28705-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	11-30-22

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-28705-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
6010C	Metals (ICP)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-28705-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-28705-1	GWTS-EFF1-020521	Water	02/05/21 09:00	02/06/21 10:30	
410-28705-2	GWTS-GAC1-020521	Water	02/05/21 09:13	02/06/21 10:30	
410-28705-3	GWTS-INF1-020521	Water	02/05/21 09:20	02/06/21 10:30	
410-28705-4	GWTS-FB01-020521	Water	02/05/21 09:00	02/06/21 10:30	
410-28705-5	GWTS-TB01-020521	Water	02/05/21 10:00	02/06/21 10:30	
410-28705-6	GWTS-EFF2-020521	Water	02/05/21 09:30	02/06/21 10:30	
410-28705-7	GWTS-EFF2DUP-020521	Water	02/05/21 09:30	02/06/21 10:30	
410-28705-8	GWTS-GAC2-020521	Water	02/05/21 09:43	02/06/21 10:30	
410-28705-9	GWTS-INF2-020521	Water	02/05/21 09:54	02/06/21 10:30	

410-28705 Chain of Custody

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-020521

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF1-020521	02/05/21	0900	18	--	9	--	6	--	3*	--	--	--	--	--	Additional Volume Provided for MS/MSD
2	GWTS-GAC1-020521	02/05/21	0913	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF1-020521	02/05/21	0920	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-FB01-020521	02/05/21	0900	5	--	3	--	2	--	--	--	--	--	--	--	Collected simultaneously with GWTS-EFF1-020521
5	GWTS-TB01-020521	02/05/21	1000	4	--	2	--	2	--	--	--	--	--	--	--	
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): J Livingston
COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1212

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
J Livingston	2/5/21 JL	1200			
			Wesley Miller 2/6/21		1100

2/19/2021 CS

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS2-020521

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-020521	02/05/21	0930	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-EFF2DUP-020521	02/05/21	0930	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-GAC2-020521	02/05/21	0943	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-INF2-020521	02/05/21	0954	6	--	3	--	2	--	1*	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): J Livingston
COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1212

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
J Livingston	2/5/21	1200			
			Wesley Miller	2/6/21	1102

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2/19/2021

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-28705-1

Login Number: 28705
List Number: 1
Creator: Stief, Christopher S

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-30025-1
Client Project/Site: Kirtland AFB - Well Disinfection Water Sampling
Revision: 1

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
3/25/2021 5:15:20 PM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS
Review your project results through TotalAccess
Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy
Project Manager I
3/25/2021 5:15:20 PM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Laboratory Job ID: 410-30025-1

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-30025-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Job ID: 410-30025-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Job ID: 410-30025-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-30025-1

Revision
The report being provided is a revision of the original report sent on 3/16/2021. The report (revision 1) is being revised due to: Client needed format reported as RL / MDL instead of LOQ / LOD / DL.

Revision History

Receipt
The samples were received on 3/4/2021 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 10.1°C

Receipt Exceptions
The following samples were received at the laboratory outside the required temperature criteria: GW239-211-PreDis (410-30025-1) and IN2-211-PostDis (410-30025-2). Samples were received on melted ice at 10.3/10.1°C and recorded with IR-93

Client requested that the sample ID for laboratory sample 410-30025-2 be changed from IN2-211-PreDis, as listed on the COC, to IN2-211-PostDis. Client submitted a revised COC; both COCs are included.
IN2-211-PostDis (410-30025-2)

HPLC/IC
Method 300.1B_28D: The following samples were diluted for the bromate analyte due to the nature of the sample matrix: GW239-211-PreDis (410-30025-1) and IN2-211-PostDis (410-30025-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-30025-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Client Sample ID: GW239-211-PreDis — Lab Sample ID: 410-30025-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perchlorate	0.17		0.10	0.021	ug/L	1		331.0	Dissolved

Client Sample ID: IN2-211-PostDis — Lab Sample ID: 410-30025-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perchlorate	0.51		0.10	0.021	ug/L	1		331.0	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-30025-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Client Sample ID: GW239-211-PreDis
Lab Sample ID: 410-30025-1
Date Collected: 02/22/21 07:10
Matrix: Water
Date Received: 03/04/21 10:30

Method: 300.1B - Disinfection By-Products, (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromate	ND		10	2.0	ug/L			03/07/21 10:36	2
Chlorite	ND		20	4.0	ug/L			03/05/21 10:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dichloroacetic acid(Surr)	*102*		*90 - 115*		*03/05/21 10:21*	*1*
Dichloroacetic acid(Surr)	*101*		*90 - 115*		*03/07/21 10:36*	*2*

Method: 331.0 - Perchlorate (LC/MS/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	**0.17**		0.10	0.021	ug/L			03/10/21 15:24	1

Client Sample ID: IN2-211-PostDis
Lab Sample ID: 410-30025-2
Date Collected: 02/22/21 08:50
Matrix: Water
Date Received: 03/04/21 10:30

Method: 300.1B - Disinfection By-Products, (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromate	ND		10	2.0	ug/L			03/07/21 11:13	2
Chlorite	ND		20	4.0	ug/L			03/05/21 10:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dichloroacetic acid(Surr)	*99*		*90 - 115*		*03/05/21 10:57*	*1*
Dichloroacetic acid(Surr)	*105*		*90 - 115*		*03/07/21 11:13*	*2*

Method: 331.0 - Perchlorate (LC/MS/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	**0.51**		0.10	0.021	ug/L			03/10/21 16:41	1

Surrogate Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-30025-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Method: 300.1B - Disinfection By-Products, (IC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	DCAA (90-115)
410-30025-1	GW239-211-PreDis	102
410-30025-1	GW239-211-PreDis	101
410-30025-1 MS	GW239-211-PreDis	115
410-30025-1 MS	GW239-211-PreDis	106
410-30025-1 MSD	GW239-211-PreDis	112
410-30025-1 MSD	GW239-211-PreDis	105
410-30025-2	IN2-211-PostDis	99
410-30025-2	IN2-211-PostDis	105
LCS 440-640436/4	Lab Control Sample	91
LCS 440-640569/4	Lab Control Sample	105
MB 440-640436/5	Method Blank	98
MB 440-640569/5	Method Blank	105
MRL 440-640436/3	Lab Control Sample	93
MRL 440-640569/3	Lab Control Sample	105

Surrogate Legend

DCAA = Dichloroacetic acid(Surr)

QC Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-30025-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Method: 300.1B - Disinfection By-Products, (IC)

Lab Sample ID: MB 440-640436/5
Matrix: Water
Analysis Batch: 640436

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorite	ND		20	4.0	ug/L			03/05/21 09:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dichloroacetic acid(Surr)	*98*		*90 - 115*		*03/05/21 09:41*	*1*

Lab Sample ID: LCS 440-640436/4
Matrix: Water
Analysis Batch: 640436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chlorite			100	99.4		ug/L		99	85 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dichloroacetic acid(Surr)	*91*		*90 - 115*

Lab Sample ID: MRL 440-640436/3
Matrix: Water
Analysis Batch: 640436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits		
Chlorite			20.0	21.2		ug/L		106	10 - 200		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Dichloroacetic acid(Surr)	*93*		*90 - 115*

Lab Sample ID: 410-30025-1 MS
Matrix: Water
Analysis Batch: 640436

Client Sample ID: GW239-211-PreDis
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chlorite	ND		200	199		ug/L		100	75 - 125		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dichloroacetic acid(Surr)	*115*		*90 - 115*

Lab Sample ID: 410-30025-1 MSD
Matrix: Water
Analysis Batch: 640436

Client Sample ID: GW239-211-PreDis
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorite	ND		200	198		ug/L		99	75 - 125	0	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dichloroacetic acid(Surr)	*112*		*90 - 115*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Job ID: 410-30025-1

Method: 300.1B - Disinfection By-Products, (IC) (Continued)

Lab Sample ID: MB 440-640569/5
Matrix: Water
Analysis Batch: 640569

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromate	ND		5.0	1.0	ug/L			03/07/21 10:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dichloroacetic acid(Surr)	*105*		*90 - 115*		*03/07/21 10:00*	*1*

Lab Sample ID: LCS 440-640569/4
Matrix: Water
Analysis Batch: 640569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Bromate			25.0	25.6		ug/L		103	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dichloroacetic acid(Surr)	*105*		*90 - 115*

Lab Sample ID: MRL 440-640569/3
Matrix: Water
Analysis Batch: 640569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits		
Bromate			5.00	4.84	J	ug/L		97	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Dichloroacetic acid(Surr)	*105*		*90 - 115*

Lab Sample ID: 410-30025-1 MS
Matrix: Water
Analysis Batch: 640569

Client Sample ID: GW239-211-PreDis
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Bromate	ND		50.0	53.2		ug/L		106	75 - 125		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dichloroacetic acid(Surr)	*106*		*90 - 115*

Lab Sample ID: 410-30025-1 MSD
Matrix: Water
Analysis Batch: 640569

Client Sample ID: GW239-211-PreDis
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromate	ND		50.0	51.5		ug/L		103	75 - 125	3	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dichloroacetic acid(Surr)	*105*		*90 - 115*

QC Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-30025-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Method: 331.0 - Perchlorate (LC/MS/MS)

Lab Sample ID: MB 570-134893/6
Matrix: Water
Analysis Batch: 134893

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	ND		0.10	0.021	ug/L			03/10/21 12:14	1

Lab Sample ID: LCS 570-134893/7
Matrix: Water
Analysis Batch: 134893

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Perchlorate			10.0	9.81		ug/L		98	85 - 115		

Lab Sample ID: LCSD 570-134893/8
Matrix: Water
Analysis Batch: 134893

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perchlorate			10.0	9.82		ug/L		98	85 - 115	0	15

Lab Sample ID: 410-30025-1 MS
Matrix: Water
Analysis Batch: 134893

Client Sample ID: GW239-211-PreDis
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Perchlorate	0.17		10.0	9.66		ug/L		95	80 - 120		

Lab Sample ID: 410-30025-1 MSD
Matrix: Water
Analysis Batch: 134893

Client Sample ID: GW239-211-PreDis
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perchlorate	0.17		10.0	10.1		ug/L		99	80 - 120	4	15

QC Association Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-30025-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

HPLC/IC

Analysis Batch: 640436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-30025-1	GW239-211-PreDis	Total/NA	Water	300.1B	
410-30025-2	IN2-211-PostDis	Total/NA	Water	300.1B	
MB 440-640436/5	Method Blank	Total/NA	Water	300.1B	
LCS 440-640436/4	Lab Control Sample	Total/NA	Water	300.1B	
MRL 440-640436/3	Lab Control Sample	Total/NA	Water	300.1B	
410-30025-1 MS	GW239-211-PreDis	Total/NA	Water	300.1B	
410-30025-1 MSD	GW239-211-PreDis	Total/NA	Water	300.1B	

Analysis Batch: 640569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-30025-1	GW239-211-PreDis	Total/NA	Water	300.1B	
410-30025-2	IN2-211-PostDis	Total/NA	Water	300.1B	
MB 440-640569/5	Method Blank	Total/NA	Water	300.1B	
LCS 440-640569/4	Lab Control Sample	Total/NA	Water	300.1B	
MRL 440-640569/3	Lab Control Sample	Total/NA	Water	300.1B	
410-30025-1 MS	GW239-211-PreDis	Total/NA	Water	300.1B	
410-30025-1 MSD	GW239-211-PreDis	Total/NA	Water	300.1B	

LCMS

Analysis Batch: 134893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-30025-1	GW239-211-PreDis	Dissolved	Water	331.0	
410-30025-2	IN2-211-PostDis	Dissolved	Water	331.0	
MB 570-134893/6	Method Blank	Total/NA	Water	331.0	
LCS 570-134893/7	Lab Control Sample	Total/NA	Water	331.0	
LCSD 570-134893/8	Lab Control Sample Dup	Total/NA	Water	331.0	
410-30025-1 MS	GW239-211-PreDis	Dissolved	Water	331.0	
410-30025-1 MSD	GW239-211-PreDis	Dissolved	Water	331.0	

Lab Chronicle

Client: EA Engineering, Science, and Technology
Job ID: 410-30025-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Client Sample ID: GW239-211-PreDis
Lab Sample ID: 410-30025-1
Date Collected: 02/22/21 07:10
Matrix: Water
Date Received: 03/04/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.1B		1	640436	03/05/21 10:21	YO8L	TAL IRV
Total/NA	Analysis	300.1B		2	640569	03/07/21 10:36	YO8L	TAL IRV
Dissolved	Analysis	331.0		1	134893	03/10/21 15:24	URMH	ECL 2

Client Sample ID: IN2-211-PostDis
Lab Sample ID: 410-30025-2
Date Collected: 02/22/21 08:50
Matrix: Water
Date Received: 03/04/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.1B		1	640436	03/05/21 10:57	YO8L	TAL IRV
Total/NA	Analysis	300.1B		2	640569	03/07/21 11:13	YO8L	TAL IRV
Dissolved	Analysis	331.0		1	134893	03/10/21 16:41	URMH	ECL 2

Laboratory References:

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-30025-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Laboratory: Eurofins Calscience Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska	State	CA01531	06-30-21
Arizona	State	AZ0671	10-14-21
California	Los Angeles County Sanitation Districts	10256	06-30-21
California	State	2706	06-30-21
Guam	State	21-003R	01-23-22
Hawaii	State	CA01531	01-29-22
Kansas	NELAP	E-10420	07-31-21
Nevada	State	CA015312021-5	07-31-21
Oregon	NELAP	4028 - 009	01-29-22
USDA	US Federal Programs	P330-21-00022	02-02-24
Washington	State	C900	09-03-21

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	20-003R	10-31-20 *
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-30025-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Method	Method Description	Protocol	Laboratory
300.1B	Disinfection By-Products, (IC)	EPA	TAL IRV
331.0	Perchlorate (LC/MS/MS)	EPA	ECL 2

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Sample Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-30025-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-30025-1	GW239-211-PreDis	Water	02/22/21 07:10	03/04/21 10:30	
410-30025-2	IN2-211-PostDis	Water	02/22/21 08:50	03/04/21 10:30	

TestAmerica Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: JOSH LIVINGSTON	Lab PM: Fama, Sheri M	Carrier Tracking No(s): 7839 7385 1056	COC No: 440-152097-28023.35
Client Contact: Pamela Moss	Phone: (575)430-8078	E-Mail: sheri.fama@testamericainc.com		Page: Page 1 of 1
Company: EA Engineering, Science, and Technology				Job #:
Address: 7995 E. Prentice Ave, Suite 206E	Due Date Requested:			
City: Greenwood Village	TAT Requested (days): 15 Business Days			
State, Zip: CO, 80111				
Phone: 303-810-6903(Tel)	PO #: 18599			
Email: pmoss@eaest.com	WO #: 6360401			
Project Name: Kirtland AFB - Well Disinfection Water Sampling	Project #: 21295			
Site: Kirtland AFB New Mexico	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300.1B_14D - Chlorite	300.1B_28D - Bromate	331.0 - Perchlorate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				L	L	N		JLL 3/4/21
GW239-211-PreDis	2/22/21	0710	G	Water	N	N	X	X	X	3	
IN2-211-PreDis	↓	0850	G	Water	N	N	X	X	X	3	
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
JRL											

410-30025 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) — Level 4 data deliverable (NonDOD); EQuIS EDD

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	JOSH LIVINGSTON	2/22/21 1100	EA			
2	Relinquished by:	Date/Time:	Company	Received by: Olga Oineles	Date/Time: 3/4/21 1030	Company EA-IRV
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☒ Yes ☐ No — Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: IR-03 10.3/10.1 On Melted ice.

Page 17 of 22

Ver: 06/08/2016 (Rev. 1)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

TestAmerica Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone (949) 261-1022 Fax (949) 260-3297

1. Plz change Sample ID below. Pmoss 3/10/2021

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Josh Lunqvist	Lab PM: Fama, Sheri M	Carrier Tracking No(s): 7839 7385 1086	COC No: 440-152097-28023.35
Client Contact: Pamela Moss	Phone: (575) 430-8078	E-Mail: sheri.fama@testamericainc.com		Page: Page 1 of 1
Company: EA Engineering, Science, and Technology			Analysis Requested	Job #:
Address: 7995 E. Prentice Ave, Suite 206E	Due Date Requested:			
City: Greenwood Village	TAT Requested (days): 15 Business Days			
State, Zip: CO, 80111				
Phone: 303-810-6903(Tel)	PO #: 18599			
Email: pmoss@eaest.com	WO #: 6360401			
Project Name: Kirtland AFB - Well Disinfection Water Sampling	Project #: 21295			
Site: Kirtland AFB New Mexico	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (w=water, s=solid, o=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300.1B_14D - Chlorite	300.1B_28D - Bromate	331.0 - Perchlorate	Total Number of containers	Special Instructions/Note:
		Preservation Code:			N	N	X	X	X	3	
GW239-211-PreDis	2/22/21	0710	G	Water	N	N	X	X	X	3	
(N2-211-PreDis Post Dis	↓	0850	G	Water	N	N	X	X	X	3	
Pmoss 3/10/2021											
JRL											

410-30025 Chain of Custody

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify), Other:

Special Instructions/Note:
Trt 3/9/21

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological
Deliverable Requested: I, II, III, IV, Other (specify) Level 4 data deliverable (NonDOD); EQuIS EDD

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Josh Lunqvist	Date/Time: 2/22/21 1100	Company EA	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Olga Dineles Date/Time: 3/4/21 1030 Company EQ-IEV
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: IR-013 10.3/10.1 On Melted ice.

Ver: 08/04/2016

TestAmerica Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: JOSH LIVINGSTON	Lab PM: Fama, Sheri M	Carrier Tracking No(s): 7839 7385 1056	COC No: 440-152097-28023.35
Client Contact: Pamela Moss	Phone: (575)430-8078	E-Mail: sheri.fama@testamericainc.com		Page: Page 1 of 1
Company: EA Engineering, Science, and Technology				Job #:
Address: 7995 E. Prentice Ave, Suite 206E	Due Date Requested:			
City: Greenwood Village	TAT Requested (days): 15 Business Days			
State, Zip: CO, 80111				
Phone: 303-810-6903(Tel)	PO #: 18599			
Email: pmoss@eaest.com	WO #: 6360401			
Project Name: Kirtland AFB - Well Disinfection Water Sampling	Project #: 21295			
Site: Kirtland AFB New Mexico	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

JLL 3/4/21

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300.1B_14D - Chlorite	300.1B_28D - Bromate	331.0 - Perchlorate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				L	L	N		
GW239-211-PreDis	2/22/21	0710	G	Water	N	N	X	X	X	3	
IN2-211-PreDis	↓	0850	G	Water	N	N	X	X	X	3	
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
JRL											

410-30025 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) — Level 4 data deliverable (NonDOD); EQuIS EDD

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	JOSH LIVINGSTON	2/22/21 1100	EA			
2	Relinquished by:	Date/Time:	Company	Received by: Olga Oineles	Date/Time: 3/4/21 1030	Company EA-IRV
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☒ Yes ☐ No — Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: IR-03 10.3/10.1 On Melted ice.

Ver: 08/07/2018

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-30025-1

Login Number: 30025
List Number: 1
Creator: Phillips, Ann-Marie E

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.		
The cooler's custody seal is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable (</=6C, not frozen).		
Cooler Temperature is recorded.		
WV: Container Temperature is acceptable (</=6C, not frozen).		
WV: Container Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
There is sufficient vol. for all requested analyses.		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Is the Field Sampler's name present on COC?		
Sample Preservation Verified.		
Residual Chlorine Checked.		
Sample custody seals are intact.		

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-30025-1

Login Number: 30025
List Number: 3
Creator: Ortiz-Luis, Michael

List Source: Eurofins Calscience
List Creation: 03/04/21 11:01 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-30025-1

Login Number: 30025
List Number: 2
Creator: Lagunas, Jorge L

List Source: Eurofins Irvine
List Creation: 03/04/21 11:27 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-30937-1
Client Project/Site: Kirtland AFB - Well Disinfection Water Sampling
Revision: 1

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
3/25/2021 4:04:25 PM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS
Review your project results through TotalAccess
Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Darlene Bandy

Darlene Bandy
Project Manager I
3/25/2021 4:04:25 PM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Laboratory Job ID: 410-30937-1

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-30937-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Job ID: 410-30937-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Job ID: 410-30937-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-30937-1

REVISION

The report being provided is a revision of the original report sent on 3/16/2021. The report (revision 1) is being revised due to Client needed format reported as RL / MDL instead of LOQ / LOD / DL.

Report revision history

Receipt
The sample was received on 3/2/2021 10:30 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.9°C

HPLC/IC
Method 300.1B_28D: The following sample was diluted for the bromate analyte due to the nature of the sample matrix: GW239-211-PostDis (410-30937-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

LCMS
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-30937-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Client Sample ID: GW239-211-PostDis **Lab Sample ID: 410-30937-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perchlorate	0.15		0.10	0.021	ug/L	1		331.0	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-30937-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Client Sample ID: GW239-211-PostDis
Lab Sample ID: 410-30937-1
Date Collected: 03/01/21 08:30
Matrix: Water
Date Received: 03/02/21 10:30

Method: 300.1B - Disinfection By-Products, (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromate	ND		10	2.0	ug/L			03/05/21 12:46	2
Chlorite	ND		20	4.0	ug/L			03/04/21 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dichloroacetic acid(Surr)	*110*		*90 - 115*		*03/04/21 14:56*	*1*
Dichloroacetic acid(Surr)	*111*		*90 - 115*		*03/05/21 12:46*	*2*

Method: 331.0 - Perchlorate (LC/MS/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	**0.15**		0.10	0.021	ug/L			03/10/21 16:57	1

Surrogate Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-30937-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Method: 300.1B - Disinfection By-Products, (IC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	DCAA (90-115)
410-30937-1	GW239-211-PostDis	110
410-30937-1	GW239-211-PostDis	111
410-30937-1 MS	GW239-211-PostDis	111
410-30937-1 MS	GW239-211-PostDis	106
410-30937-1 MSD	GW239-211-PostDis	112
410-30937-1 MSD	GW239-211-PostDis	113
LCS 440-640295/4	Lab Control Sample	113
LCS 440-640435/4	Lab Control Sample	91
MB 440-640295/5	Method Blank	113
MB 440-640435/5	Method Blank	98
MRL 440-640295/3	Lab Control Sample	110
MRL 440-640435/3	Lab Control Sample	93

Surrogate Legend

DCAA = Dichloroacetic acid(Surr)

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Job ID: 410-30937-1

Method: 300.1B - Disinfection By-Products, (IC)

Lab Sample ID: MB 440-640295/5
Matrix: Water
Analysis Batch: 640295

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorite	ND		20	4.0	ug/L			03/04/21 07:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dichloroacetic acid(Surr)	*113*		*90 - 115*		*03/04/21 07:05*	*1*

Lab Sample ID: LCS 440-640295/4
Matrix: Water
Analysis Batch: 640295

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chlorite			100	102		ug/L		102	85 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dichloroacetic acid(Surr)	*113*		*90 - 115*

Lab Sample ID: MRL 440-640295/3
Matrix: Water
Analysis Batch: 640295

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits		
Chlorite			20.0	21.2		ug/L		106	10 - 200		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Dichloroacetic acid(Surr)	*110*		*90 - 115*

Lab Sample ID: 410-30937-1 MS
Matrix: Water
Analysis Batch: 640295

Client Sample ID: GW239-211-PostDis
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chlorite	ND		200	197		ug/L		99	75 - 125		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dichloroacetic acid(Surr)	*111*		*90 - 115*

Lab Sample ID: 410-30937-1 MSD
Matrix: Water
Analysis Batch: 640295

Client Sample ID: GW239-211-PostDis
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorite	ND		200	197		ug/L		98	75 - 125	0	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dichloroacetic acid(Surr)	*112*		*90 - 115*

QC Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-30937-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Method: 300.1B - Disinfection By-Products, (IC) (Continued)

Lab Sample ID: MB 440-640435/5
Matrix: Water
Analysis Batch: 640435

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromate	ND		5.0	1.0	ug/L			03/05/21 09:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dichloroacetic acid(Surr)	*98*		*90 - 115*		*03/05/21 09:41*	*1*

Lab Sample ID: LCS 440-640435/4
Matrix: Water
Analysis Batch: 640435

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Bromate			25.0	26.1		ug/L		104	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dichloroacetic acid(Surr)	*91*		*90 - 115*

Lab Sample ID: MRL 440-640435/3
Matrix: Water
Analysis Batch: 640435

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits		
Bromate			5.00	4.99	J	ug/L		100	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Dichloroacetic acid(Surr)	*93*		*90 - 115*

Lab Sample ID: 410-30937-1 MS
Matrix: Water
Analysis Batch: 640435

Client Sample ID: GW239-211-PostDis
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Bromate	ND		50.0	49.3		ug/L		99	75 - 125		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dichloroacetic acid(Surr)	*106*		*90 - 115*

Lab Sample ID: 410-30937-1 MSD
Matrix: Water
Analysis Batch: 640435

Client Sample ID: GW239-211-PostDis
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromate	ND		50.0	53.7		ug/L		107	75 - 125	8	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dichloroacetic acid(Surr)	*113*		*90 - 115*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Job ID: 410-30937-1

Method: 331.0 - Perchlorate (LC/MS/MS)

Lab Sample ID: MB 570-134893/6
Matrix: Water
Analysis Batch: 134893

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	ND		0.10	0.021	ug/L			03/10/21 12:14	1

Lab Sample ID: LCS 570-134893/7
Matrix: Water
Analysis Batch: 134893

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Perchlorate			10.0	9.81		ug/L		98	85 - 115		

Lab Sample ID: LCSD 570-134893/8
Matrix: Water
Analysis Batch: 134893

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perchlorate			10.0	9.82		ug/L		98	85 - 115	0	15

QC Association Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-30937-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

HPLC/IC

Analysis Batch: 640295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-30937-1	GW239-211-PostDis	Total/NA	Water	300.1B	
MB 440-640295/5	Method Blank	Total/NA	Water	300.1B	
LCS 440-640295/4	Lab Control Sample	Total/NA	Water	300.1B	
MRL 440-640295/3	Lab Control Sample	Total/NA	Water	300.1B	
410-30937-1 MS	GW239-211-PostDis	Total/NA	Water	300.1B	
410-30937-1 MSD	GW239-211-PostDis	Total/NA	Water	300.1B	

Analysis Batch: 640435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-30937-1	GW239-211-PostDis	Total/NA	Water	300.1B	
MB 440-640435/5	Method Blank	Total/NA	Water	300.1B	
LCS 440-640435/4	Lab Control Sample	Total/NA	Water	300.1B	
MRL 440-640435/3	Lab Control Sample	Total/NA	Water	300.1B	
410-30937-1 MS	GW239-211-PostDis	Total/NA	Water	300.1B	
410-30937-1 MSD	GW239-211-PostDis	Total/NA	Water	300.1B	

LCMS

Analysis Batch: 134893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-30937-1	GW239-211-PostDis	Dissolved	Water	331.0	
MB 570-134893/6	Method Blank	Total/NA	Water	331.0	
LCS 570-134893/7	Lab Control Sample	Total/NA	Water	331.0	
LCSD 570-134893/8	Lab Control Sample Dup	Total/NA	Water	331.0	

Lab Chronicle

Client: EA Engineering, Science, and Technology
Job ID: 410-30937-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Client Sample ID: GW239-211-PostDis
Lab Sample ID: 410-30937-1
Date Collected: 03/01/21 08:30
Matrix: Water
Date Received: 03/02/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.1B		1	640295	03/04/21 14:56	YO8L	TAL IRV
Total/NA	Analysis	300.1B		2	640435	03/05/21 12:46	YO8L	TAL IRV
Dissolved	Analysis	331.0		1	134893	03/10/21 16:57	URMH	ECL 2

Laboratory References:

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-30937-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Laboratory: Eurofins Calscience Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska	State	CA01531	06-30-21
Arizona	State	AZ0671	10-14-21
California	Los Angeles County Sanitation Districts	10256	06-30-21
California	State	2706	06-30-21
Guam	State	21-003R	01-23-22
Hawaii	State	CA01531	01-29-22
Kansas	NELAP	E-10420	07-31-21
Nevada	State	CA015312021-5	07-31-21
Oregon	NELAP	4028 - 009	01-29-22
USDA	US Federal Programs	P330-21-00022	02-02-24
Washington	State	C900	09-03-21

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	20-003R	10-31-20 *
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-30937-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Method	Method Description	Protocol	Laboratory
300.1B	Disinfection By-Products, (IC)	EPA	TAL IRV
331.0	Perchlorate (LC/MS/MS)	EPA	ECL 2

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Sample Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-30937-1
Project/Site: Kirtland AFB - Well Disinfection Water Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-30937-1	GW239-211-PostDis	Water	03/01/21 08:30	03/02/21 10:30	

TestAmerica Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Pete Ferrand	Lab PM: Fama, Sheri M	Carrier Tracking No(s): 7842 5103 8862	COC No: 440-152097-28023.36
Client Contact: Pamela Moss	Phone: 505 460 3376	E-Mail: sheri.fama@testamericainc.com		Page: Page 1 of 1
Company: EA Engineering, Science, and Technology				Job #:
Address: 7995 E. Prentice Ave, Suite 206E	Due Date Requested:			
City: Greenwood Village	TAT Requested (days): 15 Business Days			
State, Zip: CO, 80111				
Phone: 303-810-6903(Tel)	PO #: 18599			
Email: pmoss@eaest.com	WO #: 6360401			
Project Name: Kirtland AFB - Well Disinfection Water Sampling	Project #: 21295			
Site: Kirtland AFB New Mexico	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

JLL 3/3/21

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300.1B_14D - Chlorite	300.1B_28D - Bromate	331.0 - Perchlorate	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	L	L	N	X	
GW239-211-PostDis	3-1-2021	0830	G	Water	N	N	X	X	X	3	
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							

410-30937 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) — Level 4 data deliverable (NonDOD); EQuIS EDD

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				3/2/21 1030	ETE
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☑ Yes ☐ No — Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.1/1.9 12-95

3/2/2021 (Rev. 1)

TestAmerica Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Pete Ferrand	Lab PM: Fama, Sheri M	Carrier Tracking No(s): 7842 5103 8862	COC No: 440-152097-28023.36
Client Contact: Pamela Moss	Phone: 505 440 3376	E-Mail: sheri.fama@testamericainc.com		Page: Page 1 of 1
Company: EA Engineering, Science, and Technology				Job #:
Address: 7995 E. Prentice Ave, Suite 206E	Due Date Requested:			
City: Greenwood Village	TAT Requested (days): 15 Business Days			
State, Zip: CO, 80111				
Phone: 303-810-6903(Tel)	PO #: 18599			
Email: pmoss@eaest.com	WO #: 6360401			
Project Name: Kirtland AFB - Well Disinfection Water Sampling	Project #: 21295			
Site: Kirtland AFB New Mexico	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

JLL 3/3/21

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300.1B_14D - Chlorite	300.1B_28D - Bromate	331.0 - Perchlorate	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	L	L	N	X	
GW239-211-PostDis	3-1-2021	0830	G	Water	N	N	X	X	X	3	
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							

410-30937 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) — Level 4 data deliverable (NonDOD); EQuIS EDD

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				3/2/21 1030	ETE
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☑ Yes ☐ No — Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.1/1.9 12-95

3/2/2021 (Rev. 1)

Eurofins Calscience Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone 949-261-1022 Fax: 949-260-3297

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Bandy, Darlene F	Carrier Tracking No(s):	COC No: 440-166763 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Darlene Bandy@Eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Calscience LLC		Accreditations Required (See note): Dept. of Defense ELAP - A2LA		Job #: 410-30937-1
Address: 7440 Lincoln Way, ,	Due Date Requested: 3/15/2021	Analysis Requested		Preservation Codes.
City: Garden Grove	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: CA, 92841				
Phone: 714-895-5494(Tel) 714-894-7501(Fax)	PO #:			Other:
Email:	WO #:			
Project Name: Kirtland AFB	Project #: 41000434			
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	331.0/FIELD_FLTRD Perchlorate	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
GW239-211-PostDis (410-30937-1)	3/1/21	08:30 Mountain		Water			X	1	J-Flags. Level IV report needed

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Calscience attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Calscience.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	3/3/21 1800	EC-IRV	[signature]	3-3-2021 1800	ECI
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.: N/A	Cooler Temperature(s) °C and Other Remarks: 2.0/1.0

Ver: 11/01/2020

Eurofins Calscience Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone 949-261-1022 Fax: 949-260-3297

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Bandy, Darlene F	Carrier Tracking No(s):	COC No: 440-166763 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Darlene Bandy@Eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Calscience LLC		Accreditations Required (See note): Dept. of Defense ELAP - A2LA		Job #: 410-30937-1
Address: 7440 Lincoln Way, ,	Due Date Requested: 3/15/2021	Analysis Requested		Preservation Codes.
City: Garden Grove	TAT Requested (days):			A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other:
State, Zip: CA, 92841				
Phone: 714-895-5494(Tel) 714-894-7501(Fax)	PO #:			
Email:	WO #:			
Project Name: Kirtland AFB	Project #: 41000434			
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	331.0/FIELD_FLTRD Perchlorate	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
GW239-211-PostDis (410-30937-1)	3/1/21	08.30 Mountain		Water			X	1	J-Flags. Level IV report needed

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Calscience attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Calscience.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	3/3/21 1800	EL-IRV	[signature]	3-3-2021 1800	ECI
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No | Custody Seal No. N/A | Cooler Temperature(s) °C and Other Remarks: 2.0/1.6 SCG 0.9

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-30937-1

Login Number: 30937
List Number: 4
Creator: Ortiz-Luis, Michael

List Source: Eurofins Calscience
List Creation: 03/03/21 08:37 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-30937-1

Login Number: 30937
List Number: 2
Creator: Lagunas, Jorge L

List Source: Eurofins Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-30937-1

Login Number: 30937
List Number: 3
Creator: Lagunas, Jorge L

List Source: Eurofins Irvine
List Creation: 03/03/21 12:05 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-31140-1
Client Project/Site: Kirtland AFB Bulk Fuels Facility

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
3/10/2021 9:45:57 PM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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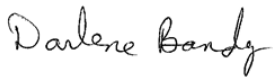

Darlene Bandy
Project Manager I
3/10/2021 9:45:57 PM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory Job ID: 410-31140-1

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-31140-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31140-1

Job ID: 410-31140-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-31140-1

Receipt
The samples were received on 3/4/2021 11:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.8°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31140-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-030321 — Lab Sample ID: 410-31140-1

No Detections.

Client Sample ID: GWTS-GAC2-030321 — Lab Sample ID: 410-31140-2

No Detections.

Client Sample ID: GWTS-INF2-030321 — Lab Sample ID: 410-31140-3

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.032		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-TB01-030321 — Lab Sample ID: 410-31140-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31140-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-030321
Lab Sample ID: 410-31140-1
Date Collected: 03/03/21 17:25
Matrix: Water
Date Received: 03/04/21 11:05

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/05/21 02:51	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/05/21 02:51	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/05/21 02:51	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/05/21 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*03/05/21 02:51*	*1*
4-Bromofluorobenzene (Surr)	*91*		*85 - 114*		*03/05/21 02:51*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/05/21 02:51*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*03/05/21 02:51*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/08/21 08:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*120*		*46 - 136*	*03/06/21 17:27*	*03/08/21 08:17*	*1*
1,1,2,2-Tetrachloroethane (2C)	*84*		*46 - 136*	*03/06/21 17:27*	*03/08/21 08:17*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/07/21 12:29	1
Manganese	0.0052	U *+	0.010	0.0052	0.0031	mg/L		03/07/21 12:29	1

Client Sample ID: GWTS-GAC2-030321
Lab Sample ID: 410-31140-2
Date Collected: 03/03/21 17:30
Matrix: Water
Date Received: 03/04/21 11:05

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/05/21 03:13	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/05/21 03:13	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/05/21 03:13	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/05/21 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/05/21 03:13*	*1*
4-Bromofluorobenzene (Surr)	*91*		*85 - 114*		*03/05/21 03:13*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/05/21 03:13*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*03/05/21 03:13*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0095	ug/L		03/08/21 08:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*84*		*46 - 136*	*03/06/21 17:27*	*03/08/21 08:34*	*1*
1,1,2,2-Tetrachloroethane (2C)	*83*		*46 - 136*	*03/06/21 17:27*	*03/08/21 08:34*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/07/21 12:19	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31140-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-GAC2-030321
Lab Sample ID: 410-31140-2
Date Collected: 03/03/21 17:30
Matrix: Water
Date Received: 03/04/21 11:05

Method: 6010C - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U *+	0.010	0.0052	0.0031	mg/L		03/07/21 12:19	1

Client Sample ID: GWTS-INF2-030321
Lab Sample ID: 410-31140-3
Date Collected: 03/03/21 17:37
Matrix: Water
Date Received: 03/04/21 11:05

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/05/21 03:35	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/05/21 03:35	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/05/21 03:35	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/05/21 03:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*03/05/21 03:35*	*1*
4-Bromofluorobenzene (Surr)	*93*		*85 - 114*		*03/05/21 03:35*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/05/21 03:35*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*03/05/21 03:35*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/08/21 08:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*90*		*46 - 136*	*03/06/21 17:27*	*03/08/21 08:51*	*1*
1,1,2,2-Tetrachloroethane (2C)	*88*		*46 - 136*	*03/06/21 17:27*	*03/08/21 08:51*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/07/21 12:32	1
Manganese	**0.032**		0.010	0.0052	0.0031	mg/L		03/09/21 12:12	1

Client Sample ID: GWTS-TB01-030321
Lab Sample ID: 410-31140-4
Date Collected: 03/03/21 17:40
Matrix: Water
Date Received: 03/04/21 11:05

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/04/21 22:48	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/04/21 22:48	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/04/21 22:48	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/04/21 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*03/04/21 22:48*	*1*
4-Bromofluorobenzene (Surr)	*93*		*85 - 114*		*03/04/21 22:48*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/04/21 22:48*	*1*
Toluene-d8 (Surr)	*94*		*89 - 112*		*03/04/21 22:48*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/08/21 09:08	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31140-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-TB01-030321
Lab Sample ID: 410-31140-4
Date Collected: 03/03/21 17:40
Matrix: Water
Date Received: 03/04/21 11:05

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	81		46 - 136	03/06/21 17:27	03/08/21 09:08	1
1,1,2,2-Tetrachloroethane (2C)	84		46 - 136	03/06/21 17:27	03/08/21 09:08	1

Surrogate Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31140-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(81-118)	(85-114)	(80-119)	(89-112)
410-31140-1	GWTS-EFF2-030321	101	91	97	96
410-31140-2	GWTS-GAC2-030321	102	91	97	96
410-31140-3	GWTS-INF2-030321	103	93	97	96
410-31140-4	GWTS-TB01-030321	103	93	97	94
LCS 410-99801/4	Lab Control Sample	101	96	96	96
LCSD 410-99801/32	Lab Control Sample Dup	101	96	96	97
MB 410-99801/6	Method Blank	101	93	96	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(46-136)	(46-136)
410-31140-1	GWTS-EFF2-030321	120	84
410-31140-2	GWTS-GAC2-030321	84	83
410-31140-3	GWTS-INF2-030321	90	88
410-31140-4	GWTS-TB01-030321	81	84
LCS 410-100384/2-A	Lab Control Sample	81	85
LCSD 410-100384/3-A	Lab Control Sample Dup	79	82
MB 410-100384/1-A	Method Blank	86	89

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31140-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-99801/6
Matrix: Water
Analysis Batch: 99801

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/04/21 21:42	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/04/21 21:42	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/04/21 21:42	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/04/21 21:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*03/04/21 21:42*	*1*
4-Bromofluorobenzene (Surr)	*93*		*85 - 114*		*03/04/21 21:42*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 119*		*03/04/21 21:42*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*03/04/21 21:42*	*1*

Lab Sample ID: LCS 410-99801/4
Matrix: Water
Analysis Batch: 99801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			20.0	19.0		ug/L		95	42 - 138		
Ethylbenzene			20.0	18.4		ug/L		92	79 - 121		
Toluene			20.0	18.4		ug/L		92	80 - 121		
Xylenes, Total			60.0	53.5		ug/L		89	79 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*
Dibromofluoromethane (Surr)	*96*		*80 - 119*
Toluene-d8 (Surr)	*96*		*89 - 112*

Lab Sample ID: LCSD 410-99801/32
Matrix: Water
Analysis Batch: 99801

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			20.0	19.2		ug/L		96	42 - 138	1	20
Ethylbenzene			20.0	18.7		ug/L		93	79 - 121	1	20
Toluene			20.0	18.8		ug/L		94	80 - 121	2	20
Xylenes, Total			60.0	54.6		ug/L		91	79 - 121	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*
Dibromofluoromethane (Surr)	*96*		*80 - 119*
Toluene-d8 (Surr)	*97*		*89 - 112*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31140-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-100384/1-A
Matrix: Water
Analysis Batch: 100501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 100384

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		03/08/21 07:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*86*		*46 - 136*	*03/06/21 17:27*	*03/08/21 07:27*	*1*
1,1,2,2-Tetrachloroethane (2C)	*89*		*46 - 136*	*03/06/21 17:27*	*03/08/21 07:27*	*1*

Lab Sample ID: LCS 410-100384/2-A
Matrix: Water
Analysis Batch: 100501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 100384

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.128	0.157		ug/L		122	60 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*81*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*85*		*46 - 136*

Lab Sample ID: LCSD 410-100384/3-A
Matrix: Water
Analysis Batch: 100501

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 100384

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)	0.128	0.159		ug/L		124	60 - 140	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*79*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*82*		*46 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-101073/1-A
Matrix: Water
Analysis Batch: 101198

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101073

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/09/21 12:07	1

Lab Sample ID: LCS 410-101073/2-A
Matrix: Water
Analysis Batch: 101198

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101073

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	0.0200	0.0193		mg/L		97	90 - 114

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31140-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 410-99753/1-A
Matrix: Water
Analysis Batch: 100423

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 99753

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/07/21 11:50	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/07/21 11:50	1

Lab Sample ID: LCS 410-99753/2-A
Matrix: Water
Analysis Batch: 100423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 99753

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.400	0.431		mg/L		108	87 - 115
Manganese	0.0200	0.0244	*+	mg/L		122	90 - 114

Lab Sample ID: LCSD 410-99753/3-A
Matrix: Water
Analysis Batch: 100423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 99753

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	0.400	0.406		mg/L		101	87 - 115	6	20
Manganese	0.0200	0.0217		mg/L		108	90 - 114	12	20

Lab Sample ID: 410-31140-3 MS
Matrix: Water
Analysis Batch: 101198

Client Sample ID: GWTS-INF2-030321
Prep Type: Dissolved
Prep Batch: 101073

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	0.032		0.0200	0.0514		mg/L		97	90 - 114

Lab Sample ID: 410-31140-3 MSD
Matrix: Water
Analysis Batch: 101198

Client Sample ID: GWTS-INF2-030321
Prep Type: Dissolved
Prep Batch: 101073

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Manganese	0.032		0.0200	0.0517		mg/L		98	90 - 114	1	20

Lab Sample ID: 410-31140-3 DU
Matrix: Water
Analysis Batch: 101198

Client Sample ID: GWTS-INF2-030321
Prep Type: Dissolved
Prep Batch: 101073

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Manganese	0.032		0.0322		mg/L		0.5	20

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31140-1

GC/MS VOA

Analysis Batch: 99801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31140-1	GWTS-EFF2-030321	Total/NA	Water	8260C DOD	
410-31140-2	GWTS-GAC2-030321	Total/NA	Water	8260C DOD	
410-31140-3	GWTS-INF2-030321	Total/NA	Water	8260C DOD	
410-31140-4	GWTS-TB01-030321	Total/NA	Water	8260C DOD	
MB 410-99801/6	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-99801/4	Lab Control Sample	Total/NA	Water	8260C DOD	
LCSD 410-99801/32	Lab Control Sample Dup	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 100384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31140-1	GWTS-EFF2-030321	Total/NA	Water	8011	
410-31140-2	GWTS-GAC2-030321	Total/NA	Water	8011	
410-31140-3	GWTS-INF2-030321	Total/NA	Water	8011	
410-31140-4	GWTS-TB01-030321	Total/NA	Water	8011	
MB 410-100384/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-100384/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-100384/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 100501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31140-1	GWTS-EFF2-030321	Total/NA	Water	8011	100384
410-31140-2	GWTS-GAC2-030321	Total/NA	Water	8011	100384
410-31140-3	GWTS-INF2-030321	Total/NA	Water	8011	100384
410-31140-4	GWTS-TB01-030321	Total/NA	Water	8011	100384
MB 410-100384/1-A	Method Blank	Total/NA	Water	8011	100384
LCS 410-100384/2-A	Lab Control Sample	Total/NA	Water	8011	100384
LCSD 410-100384/3-A	Lab Control Sample Dup	Total/NA	Water	8011	100384

Metals

Prep Batch: 99753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31140-1	GWTS-EFF2-030321	Dissolved	Water	Non-Digest Prep	
410-31140-2	GWTS-GAC2-030321	Dissolved	Water	Non-Digest Prep	
410-31140-3	GWTS-INF2-030321	Dissolved	Water	Non-Digest Prep	
MB 410-99753/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-99753/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	
LCSD 410-99753/3-A	Lab Control Sample Dup	Total/NA	Water	Non-Digest Prep	

Analysis Batch: 100423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31140-1	GWTS-EFF2-030321	Dissolved	Water	6010C	99753
410-31140-2	GWTS-GAC2-030321	Dissolved	Water	6010C	99753
410-31140-3	GWTS-INF2-030321	Dissolved	Water	6010C	99753
MB 410-99753/1-A	Method Blank	Total/NA	Water	6010C	99753
LCS 410-99753/2-A	Lab Control Sample	Total/NA	Water	6010C	99753
LCSD 410-99753/3-A	Lab Control Sample Dup	Total/NA	Water	6010C	99753

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31140-1

Metals

Prep Batch: 101073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31140-3	GWTS-INF2-030321	Dissolved	Water	Non-Digest Prep	
MB 410-101073/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-101073/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	
410-31140-3 MS	GWTS-INF2-030321	Dissolved	Water	Non-Digest Prep	
410-31140-3 MSD	GWTS-INF2-030321	Dissolved	Water	Non-Digest Prep	
410-31140-3 DU	GWTS-INF2-030321	Dissolved	Water	Non-Digest Prep	

Analysis Batch: 101198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31140-3	GWTS-INF2-030321	Dissolved	Water	6010C	101073
MB 410-101073/1-A	Method Blank	Total/NA	Water	6010C	101073
LCS 410-101073/2-A	Lab Control Sample	Total/NA	Water	6010C	101073
410-31140-3 MS	GWTS-INF2-030321	Dissolved	Water	6010C	101073
410-31140-3 MSD	GWTS-INF2-030321	Dissolved	Water	6010C	101073
410-31140-3 DU	GWTS-INF2-030321	Dissolved	Water	6010C	101073

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31140-1

Client Sample ID: GWTS-EFF2-030321
Lab Sample ID: 410-31140-1
Date Collected: 03/03/21 17:25
Matrix: Water
Date Received: 03/04/21 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	99801	03/05/21 02:51	ULCP	ELLE
Total/NA	Prep	8011			100384	03/06/21 17:27	QQ3P	ELLE
Total/NA	Analysis	8011		1	100501	03/08/21 08:17	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			99753	03/04/21 16:02	UJLA	ELLE
Dissolved	Analysis	6010C		1	100423	03/07/21 12:29	WJM9	ELLE

Client Sample ID: GWTS-GAC2-030321
Lab Sample ID: 410-31140-2
Date Collected: 03/03/21 17:30
Matrix: Water
Date Received: 03/04/21 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	99801	03/05/21 03:13	ULCP	ELLE
Total/NA	Prep	8011			100384	03/06/21 17:27	QQ3P	ELLE
Total/NA	Analysis	8011		1	100501	03/08/21 08:34	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			99753	03/04/21 16:02	UJLA	ELLE
Dissolved	Analysis	6010C		1	100423	03/07/21 12:19	WJM9	ELLE

Client Sample ID: GWTS-INF2-030321
Lab Sample ID: 410-31140-3
Date Collected: 03/03/21 17:37
Matrix: Water
Date Received: 03/04/21 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	99801	03/05/21 03:35	ULCP	ELLE
Total/NA	Prep	8011			100384	03/06/21 17:27	QQ3P	ELLE
Total/NA	Analysis	8011		1	100501	03/08/21 08:51	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			101073	03/09/21 09:14	UJL8	ELLE
Dissolved	Analysis	6010C		1	101198	03/09/21 12:12	MDP5	ELLE
Dissolved	Prep	Non-Digest Prep			99753	03/04/21 16:02	UJLA	ELLE
Dissolved	Analysis	6010C		1	100423	03/07/21 12:32	WJM9	ELLE

Client Sample ID: GWTS-TB01-030321
Lab Sample ID: 410-31140-4
Date Collected: 03/03/21 17:40
Matrix: Water
Date Received: 03/04/21 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	99801	03/04/21 22:48	ULCP	ELLE
Total/NA	Prep	8011			100384	03/06/21 17:27	QQ3P	ELLE
Total/NA	Analysis	8011		1	100501	03/08/21 09:08	AC3T	ELLE

Laboratory References:
ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31140-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	11-30-22

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31140-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
6010C	Metals (ICP)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31140-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-31140-1	GWTS-EFF2-030321	Water	03/03/21 17:25	03/04/21 11:05	
410-31140-2	GWTS-GAC2-030321	Water	03/03/21 17:30	03/04/21 11:05	
410-31140-3	GWTS-INF2-030321	Water	03/03/21 17:37	03/04/21 11:05	
410-31140-4	GWTS-TB01-030321	Water	03/03/21 17:40	03/04/21 11:05	

410-31140 Chain of Custody

TURN AROUND TIME 5 DAYS

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-030321

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q2
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-030321	03/03/21	1725	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-GAC2-030321	03/03/21	1730	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-030321	03/03/21	1737	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-030321	03/03/21	~~1740~~ 1740	4	--	2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): Josh Livingston
COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1418

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: Josh Livingston	3/3/21	1830	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Nicole Reitt	3/4/21	1105

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-31140-1

Login Number: 31140
List Number: 1
Creator: Rivera-Santa, Julissa

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-31289-1
Client Project/Site: Kirtland AFB Bulk Fuels Facility

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
3/10/2021 9:11:21 PM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy
Project Manager I
3/10/2021 9:11:21 PM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory Job ID: 410-31289-1

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Eurofins Lancaster Laboratories Env, LLC
3/10/2021

Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-31289-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31289-1

Job ID: 410-31289-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-31289-1

Receipt
The samples were received on 3/5/2021 11:32 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31289-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-030421 — Lab Sample ID: 410-31289-1

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.0054	J	0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-GAC2-030421 — Lab Sample ID: 410-31289-2

No Detections.

Client Sample ID: GWTS-INF2-030421 — Lab Sample ID: 410-31289-3

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.035		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-TB01-030421 — Lab Sample ID: 410-31289-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31289-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-030421
Lab Sample ID: 410-31289-1
Date Collected: 03/04/21 11:36
Matrix: Water
Date Received: 03/05/21 11:32

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/09/21 05:01	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/09/21 05:01	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/09/21 05:01	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/09/21 05:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*03/09/21 05:01*	*1*
4-Bromofluorobenzene (Surr)	*92*		*85 - 114*		*03/09/21 05:01*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*03/09/21 05:01*	*1*
Toluene-d8 (Surr)	*95*		*89 - 112*		*03/09/21 05:01*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/08/21 12:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*99*		*46 - 136*	*03/06/21 17:27*	*03/08/21 12:11*	*1*
1,1,2,2-Tetrachloroethane (2C)	*88*		*46 - 136*	*03/06/21 17:27*	*03/08/21 12:11*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/08/21 08:35	1
Manganese	**0.0054**	**J**	0.010	0.0052	0.0031	mg/L		03/08/21 08:35	1

Client Sample ID: GWTS-GAC2-030421
Lab Sample ID: 410-31289-2
Date Collected: 03/04/21 11:47
Matrix: Water
Date Received: 03/05/21 11:32

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/09/21 05:23	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/09/21 05:23	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/09/21 05:23	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/09/21 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*03/09/21 05:23*	*1*
4-Bromofluorobenzene (Surr)	*92*		*85 - 114*		*03/09/21 05:23*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 119*		*03/09/21 05:23*	*1*
Toluene-d8 (Surr)	*95*		*89 - 112*		*03/09/21 05:23*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/08/21 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*94*		*46 - 136*	*03/06/21 17:27*	*03/08/21 12:28*	*1*
1,1,2,2-Tetrachloroethane (2C)	*91*		*46 - 136*	*03/06/21 17:27*	*03/08/21 12:28*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/08/21 08:44	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31289-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-GAC2-030421
Lab Sample ID: 410-31289-2
Date Collected: 03/04/21 11:47
Matrix: Water
Date Received: 03/05/21 11:32

Method: 6010C - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/08/21 08:44	1

Client Sample ID: GWTS-INF2-030421
Lab Sample ID: 410-31289-3
Date Collected: 03/04/21 11:58
Matrix: Water
Date Received: 03/05/21 11:32

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/09/21 05:45	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/09/21 05:45	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/09/21 05:45	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/09/21 05:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*03/09/21 05:45*	*1*
4-Bromofluorobenzene (Surr)	*93*		*85 - 114*		*03/09/21 05:45*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 119*		*03/09/21 05:45*	*1*
Toluene-d8 (Surr)	*95*		*89 - 112*		*03/09/21 05:45*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/08/21 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*92*		*46 - 136*	*03/06/21 17:27*	*03/08/21 12:44*	*1*
1,1,2,2-Tetrachloroethane (2C)	*90*		*46 - 136*	*03/06/21 17:27*	*03/08/21 12:44*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/08/21 08:32	1
Manganese	**0.035**		0.010	0.0052	0.0031	mg/L		03/08/21 08:32	1

Client Sample ID: GWTS-TB01-030421
Lab Sample ID: 410-31289-4
Date Collected: 03/04/21 12:00
Matrix: Water
Date Received: 03/05/21 11:32

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/09/21 00:57	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/09/21 00:57	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/09/21 00:57	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/09/21 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*03/09/21 00:57*	*1*
4-Bromofluorobenzene (Surr)	*93*		*85 - 114*		*03/09/21 00:57*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 119*		*03/09/21 00:57*	*1*
Toluene-d8 (Surr)	*95*		*89 - 112*		*03/09/21 00:57*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/08/21 13:01	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31289-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-TB01-030421
Lab Sample ID: 410-31289-4
Date Collected: 03/04/21 12:00
Matrix: Water
Date Received: 03/05/21 11:32

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	82		46 - 136	03/06/21 17:27	03/08/21 13:01	1
1,1,2,2-Tetrachloroethane (2C)	88		46 - 136	03/06/21 17:27	03/08/21 13:01	1

Surrogate Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31289-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(81-118)	(85-114)	(80-119)	(89-112)
410-31289-1	GWTS-EFF2-030421	104	92	100	95
410-31289-2	GWTS-GAC2-030421	103	92	99	95
410-31289-3	GWTS-INF2-030421	103	93	98	95
410-31289-4	GWTS-TB01-030421	104	93	99	95
LCS 410-100810/5	Lab Control Sample	102	97	96	97
MB 410-100810/8	Method Blank	103	92	99	95

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(46-136)	(46-136)
410-31289-1	GWTS-EFF2-030421	99	88
410-31289-2	GWTS-GAC2-030421	94	91
410-31289-3	GWTS-INF2-030421	92	90
410-31289-4	GWTS-TB01-030421	82	88
LCS 410-100384/2-A	Lab Control Sample	81	85
LCSD 410-100384/3-A	Lab Control Sample Dup	79	82
MB 410-100384/1-A	Method Blank	86	89

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31289-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-100810/8
Matrix: Water
Analysis Batch: 100810

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/08/21 22:45	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/08/21 22:45	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/08/21 22:45	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/08/21 22:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*03/08/21 22:45*	*1*
4-Bromofluorobenzene (Surr)	*92*		*85 - 114*		*03/08/21 22:45*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 119*		*03/08/21 22:45*	*1*
Toluene-d8 (Surr)	*95*		*89 - 112*		*03/08/21 22:45*	*1*

Lab Sample ID: LCS 410-100810/5
Matrix: Water
Analysis Batch: 100810

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	21.0		ug/L		105	42 - 138
Ethylbenzene	20.0	19.7		ug/L		99	79 - 121
Toluene	20.0	20.1		ug/L		101	80 - 121
Xylenes, Total	60.0	57.6		ug/L		96	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*
Dibromofluoromethane (Surr)	*96*		*80 - 119*
Toluene-d8 (Surr)	*97*		*89 - 112*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-100384/1-A
Matrix: Water
Analysis Batch: 100501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 100384

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		03/08/21 07:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*86*		*46 - 136*	*03/06/21 17:27*	*03/08/21 07:27*	*1*
1,1,2,2-Tetrachloroethane (2C)	*89*		*46 - 136*	*03/06/21 17:27*	*03/08/21 07:27*	*1*

Lab Sample ID: LCS 410-100384/2-A
Matrix: Water
Analysis Batch: 100501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 100384

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.128	0.157		ug/L		122	60 - 140

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31289-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 410-100384/2-A
Matrix: Water
Analysis Batch: 100501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 100384

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*81*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*85*		*46 - 136*

Lab Sample ID: LCSD 410-100384/3-A
Matrix: Water
Analysis Batch: 100501

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 100384

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.159		ug/L		124	60 - 140	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*79*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*82*		*46 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-100493/1-A
Matrix: Water
Analysis Batch: 100609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 100493

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/08/21 08:06	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/08/21 08:06	1

Lab Sample ID: LCS 410-100493/2-A
Matrix: Water
Analysis Batch: 100609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 100493

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Iron			0.400	0.401		mg/L		100	87 - 115		
Manganese			0.0200	0.0225		mg/L		113	90 - 114		

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31289-1

GC/MS VOA

Analysis Batch: 100810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31289-1	GWTS-EFF2-030421	Total/NA	Water	8260C DOD	
410-31289-2	GWTS-GAC2-030421	Total/NA	Water	8260C DOD	
410-31289-3	GWTS-INF2-030421	Total/NA	Water	8260C DOD	
410-31289-4	GWTS-TB01-030421	Total/NA	Water	8260C DOD	
MB 410-100810/8	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-100810/5	Lab Control Sample	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 100384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31289-1	GWTS-EFF2-030421	Total/NA	Water	8011	
410-31289-2	GWTS-GAC2-030421	Total/NA	Water	8011	
410-31289-3	GWTS-INF2-030421	Total/NA	Water	8011	
410-31289-4	GWTS-TB01-030421	Total/NA	Water	8011	
MB 410-100384/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-100384/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-100384/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 100501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31289-1	GWTS-EFF2-030421	Total/NA	Water	8011	100384
410-31289-2	GWTS-GAC2-030421	Total/NA	Water	8011	100384
410-31289-3	GWTS-INF2-030421	Total/NA	Water	8011	100384
410-31289-4	GWTS-TB01-030421	Total/NA	Water	8011	100384
MB 410-100384/1-A	Method Blank	Total/NA	Water	8011	100384
LCS 410-100384/2-A	Lab Control Sample	Total/NA	Water	8011	100384
LCSD 410-100384/3-A	Lab Control Sample Dup	Total/NA	Water	8011	100384

Metals

Prep Batch: 100493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31289-1	GWTS-EFF2-030421	Dissolved	Water	Non-Digest Prep	
410-31289-2	GWTS-GAC2-030421	Dissolved	Water	Non-Digest Prep	
410-31289-3	GWTS-INF2-030421	Dissolved	Water	Non-Digest Prep	
MB 410-100493/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-100493/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	

Analysis Batch: 100609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31289-1	GWTS-EFF2-030421	Dissolved	Water	6010C	100493
410-31289-2	GWTS-GAC2-030421	Dissolved	Water	6010C	100493
410-31289-3	GWTS-INF2-030421	Dissolved	Water	6010C	100493
MB 410-100493/1-A	Method Blank	Total/NA	Water	6010C	100493
LCS 410-100493/2-A	Lab Control Sample	Total/NA	Water	6010C	100493

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31289-1

Client Sample ID: GWTS-EFF2-030421
Lab Sample ID: 410-31289-1
Date Collected: 03/04/21 11:36
Matrix: Water
Date Received: 03/05/21 11:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	100810	03/09/21 05:01	TQ4J	ELLE
Total/NA	Prep	8011			100384	03/06/21 17:27	QQ3P	ELLE
Total/NA	Analysis	8011		1	100501	03/08/21 12:11	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			100493	03/08/21 06:32	UJL8	ELLE
Dissolved	Analysis	6010C		1	100609	03/08/21 08:35	ULJC	ELLE

Client Sample ID: GWTS-GAC2-030421
Lab Sample ID: 410-31289-2
Date Collected: 03/04/21 11:47
Matrix: Water
Date Received: 03/05/21 11:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	100810	03/09/21 05:23	TQ4J	ELLE
Total/NA	Prep	8011			100384	03/06/21 17:27	QQ3P	ELLE
Total/NA	Analysis	8011		1	100501	03/08/21 12:28	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			100493	03/08/21 06:32	UJL8	ELLE
Dissolved	Analysis	6010C		1	100609	03/08/21 08:44	ULJC	ELLE

Client Sample ID: GWTS-INF2-030421
Lab Sample ID: 410-31289-3
Date Collected: 03/04/21 11:58
Matrix: Water
Date Received: 03/05/21 11:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	100810	03/09/21 05:45	TQ4J	ELLE
Total/NA	Prep	8011			100384	03/06/21 17:27	QQ3P	ELLE
Total/NA	Analysis	8011		1	100501	03/08/21 12:44	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			100493	03/08/21 06:32	UJL8	ELLE
Dissolved	Analysis	6010C		1	100609	03/08/21 08:32	ULJC	ELLE

Client Sample ID: GWTS-TB01-030421
Lab Sample ID: 410-31289-4
Date Collected: 03/04/21 12:00
Matrix: Water
Date Received: 03/05/21 11:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	100810	03/09/21 00:57	TQ4J	ELLE
Total/NA	Prep	8011			100384	03/06/21 17:27	QQ3P	ELLE
Total/NA	Analysis	8011		1	100501	03/08/21 13:01	AC3T	ELLE

Laboratory References:
ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31289-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	11-30-22

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31289-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
6010C	Metals (ICP)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31289-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-31289-1	GWTS-EFF2-030421	Water	03/04/21 11:36	03/05/21 11:32	
410-31289-2	GWTS-GAC2-030421	Water	03/04/21 11:47	03/05/21 11:32	
410-31289-3	GWTS-INF2-030421	Water	03/04/21 11:58	03/05/21 11:32	
410-31289-4	GWTS-TB01-030421	Water	03/04/21 12:00	03/05/21 11:32	

410-31289 Chain of Custody

IME 5 DAYS

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-030421

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
PROJECT SITE AND PHASE: ST106/SS111

LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
LAB PO NUMBER: 21295

FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA
Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188

YEAR: 2021
QUARTER: Q2

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-030421	03/04/21	1136	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-GAC2-030421	03/04/21	1147	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-030421	03/04/21	1158	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-030421	03/04/21	1200	4	--	2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): Josh Livingston
COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1429

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
Josh Livingston	3/4/21	1530			
			Nicole Reitt	3/5/21	1132

JR

3/10/2021

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-31289-1

Login Number: 31289
List Number: 1
Creator: Hollinger, Zane T

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-31471-1
Client Project/Site: Kirtland AFB Bulk Fuels Facility
Revision: 1

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
3/18/2021 10:22:19 PM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS
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Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy

Darlene Bandy
Project Manager I
3/18/2021 10:22:19 PM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory Job ID: 410-31471-1

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-31471-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.

GC Semi VOA

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
U	Undetected at the Limit of Detection.

Metals

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31471-1

Job ID: 410-31471-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-31471-1

Revision - 3/18/21
The report being provided is a revision of the original report sent on 3/15/2021. The report (revision 1) is being revised due to: Units for the Iron & Manganese 6010C had been inadvertently switched from mg/L to ug/L. This revision for the Level 2 report & standard EDD is to correct it.

Receipt
The samples were received on 3/6/2021 11:01 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.9°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page. No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31471-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-030521 — Lab Sample ID: 410-31471-1

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.0081	J	0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-EFF2DUP-030521 — Lab Sample ID: 410-31471-2

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.0081	J	0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-GAC2-030521 — Lab Sample ID: 410-31471-3

No Detections.

Client Sample ID: GWTS-INF2-030521 — Lab Sample ID: 410-31471-4

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (1C)	0.018	J	0.029	0.019	0.0096	ug/L	1		8011	Total/NA
Manganese	0.031		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-TB01-030521 — Lab Sample ID: 410-31471-5

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31471-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-030521
Lab Sample ID: 410-31471-1
Date Collected: 03/05/21 11:21
Matrix: Water
Date Received: 03/06/21 11:01

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 05:35	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 05:35	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 05:35	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 05:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*03/10/21 05:35*	*1*
4-Bromofluorobenzene (Surr)	*93*		*85 - 114*		*03/10/21 05:35*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 119*		*03/10/21 05:35*	*1*
Toluene-d8 (Surr)	*95*		*89 - 112*		*03/10/21 05:35*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.0099	ug/L		03/09/21 07:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*95*		*46 - 136*	*03/08/21 20:48*	*03/09/21 07:38*	*1*
1,1,2,2-Tetrachloroethane (2C)	*90*		*46 - 136*	*03/08/21 20:48*	*03/09/21 07:38*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/09/21 08:25	1
Manganese	**0.0081**	**J**	0.010	0.0052	0.0031	mg/L		03/09/21 08:25	1

Client Sample ID: GWTS-EFF2DUP-030521
Lab Sample ID: 410-31471-2
Date Collected: 03/05/21 11:21
Matrix: Water
Date Received: 03/06/21 11:01

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 05:57	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 05:57	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 05:57	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 05:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*81 - 118*		*03/10/21 05:57*	*1*
4-Bromofluorobenzene (Surr)	*93*		*85 - 114*		*03/10/21 05:57*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 119*		*03/10/21 05:57*	*1*
Toluene-d8 (Surr)	*95*		*89 - 112*		*03/10/21 05:57*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		03/09/21 07:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*105*		*46 - 136*	*03/08/21 20:48*	*03/09/21 07:55*	*1*
1,1,2,2-Tetrachloroethane (2C)	*101*		*46 - 136*	*03/08/21 20:48*	*03/09/21 07:55*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/09/21 08:28	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31471-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2DUP-030521
Lab Sample ID: 410-31471-2
Date Collected: 03/05/21 11:21
Matrix: Water
Date Received: 03/06/21 11:01

Method: 6010C - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	**0.0081**	**J**	0.010	0.0052	0.0031	mg/L		03/09/21 08:28	1

Client Sample ID: GWTS-GAC2-030521
Lab Sample ID: 410-31471-3
Date Collected: 03/05/21 11:35
Matrix: Water
Date Received: 03/06/21 11:01

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 06:19	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 06:19	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 06:19	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 06:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/10/21 06:19*	*1*
4-Bromofluorobenzene (Surr)	*92*		*85 - 114*		*03/10/21 06:19*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 119*		*03/10/21 06:19*	*1*
Toluene-d8 (Surr)	*95*		*89 - 112*		*03/10/21 06:19*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/09/21 08:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*104*		*46 - 136*	*03/08/21 20:48*	*03/09/21 08:11*	*1*
1,1,2,2-Tetrachloroethane (2C)	*96*		*46 - 136*	*03/08/21 20:48*	*03/09/21 08:11*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/09/21 08:15	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/09/21 08:15	1

Client Sample ID: GWTS-INF2-030521
Lab Sample ID: 410-31471-4
Date Collected: 03/05/21 11:45
Matrix: Water
Date Received: 03/06/21 11:01

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 06:42	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 06:42	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 06:42	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 06:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*03/10/21 06:42*	*1*
4-Bromofluorobenzene (Surr)	*94*		*85 - 114*		*03/10/21 06:42*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/10/21 06:42*	*1*
Toluene-d8 (Surr)	*96*		*89 - 112*		*03/10/21 06:42*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	**0.018**	**J**	0.029	0.019	0.0096	ug/L		03/09/21 08:28	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31471-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-INF2-030521
Lab Sample ID: 410-31471-4
Date Collected: 03/05/21 11:45
Matrix: Water
Date Received: 03/06/21 11:01

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*101*		*46 - 136*	*03/08/21 20:48*	*03/09/21 08:28*	*1*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*	*03/08/21 20:48*	*03/09/21 08:28*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/09/21 08:17	1
Manganese	**0.031**		0.010	0.0052	0.0031	mg/L		03/09/21 08:17	1

Client Sample ID: GWTS-TB01-030521
Lab Sample ID: 410-31471-5
Date Collected: 03/05/21 12:00
Matrix: Water
Date Received: 03/06/21 11:01

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/09/21 23:20	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/09/21 23:20	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/09/21 23:20	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/09/21 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*03/09/21 23:20*	*1*
4-Bromofluorobenzene (Surr)	*93*		*85 - 114*		*03/09/21 23:20*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 119*		*03/09/21 23:20*	*1*
Toluene-d8 (Surr)	*95*		*89 - 112*		*03/09/21 23:20*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/10/21 08:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*100*		*46 - 136*	*03/09/21 16:10*	*03/10/21 08:48*	*1*
1,1,2,2-Tetrachloroethane (2C)	*101*		*46 - 136*	*03/09/21 16:10*	*03/10/21 08:48*	*1*

Surrogate Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31471-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (81-118)	BFB (85-114)	DBFM (80-119)	TOL (89-112)
410-31471-1	GWTS-EFF2-030521	103	93	98	95
410-31471-2	GWTS-EFF2DUP-030521	105	93	99	95
410-31471-3	GWTS-GAC2-030521	102	92	98	95
410-31471-4	GWTS-INF2-030521	103	94	97	96
410-31471-5	GWTS-TB01-030521	103	93	98	95
LCS 410-101328/4	Lab Control Sample	100	96	96	98
MB 410-101328/6	Method Blank	102	93	97	94

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1122TCA1 (46-136)	1122TCA2 (46-136)
410-31471-1	GWTS-EFF2-030521	95	90
410-31471-2	GWTS-EFF2DUP-030521	105	101
410-31471-3	GWTS-GAC2-030521	104	96
410-31471-4	GWTS-INF2-030521	101	100
410-31471-5	GWTS-TB01-030521	100	101
LCS 410-100857/2-A	Lab Control Sample	96	101
LCS 410-101267/2-A	Lab Control Sample	97	96
LCSD 410-100857/3-A	Lab Control Sample Dup	95	95
LCSD 410-101267/3-A	Lab Control Sample Dup	98	100
MB 410-100857/1-A	Method Blank	104	103
MB 410-101267/1-A	Method Blank	96	99

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31471-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-101328/6
Matrix: Water
Analysis Batch: 101328

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/09/21 21:52	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/09/21 21:52	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/09/21 21:52	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/09/21 21:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/09/21 21:52*	*1*
4-Bromofluorobenzene (Surr)	*93*		*85 - 114*		*03/09/21 21:52*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/09/21 21:52*	*1*
Toluene-d8 (Surr)	*94*		*89 - 112*		*03/09/21 21:52*	*1*

Lab Sample ID: LCS 410-101328/4
Matrix: Water
Analysis Batch: 101328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	22.0		ug/L		110	42 - 138
Ethylbenzene	20.0	21.1		ug/L		105	79 - 121
Toluene	20.0	21.2		ug/L		106	80 - 121
Xylenes, Total	60.0	60.9		ug/L		102	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*
Dibromofluoromethane (Surr)	*96*		*80 - 119*
Toluene-d8 (Surr)	*98*		*89 - 112*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-100857/1-A
Matrix: Water
Analysis Batch: 100945

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 100857

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		03/09/21 06:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*104*		*46 - 136*	*03/08/21 20:48*	*03/09/21 06:47*	*1*
1,1,2,2-Tetrachloroethane (2C)	*103*		*46 - 136*	*03/08/21 20:48*	*03/09/21 06:47*	*1*

Lab Sample ID: LCS 410-100857/2-A
Matrix: Water
Analysis Batch: 100945

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 100857

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.128	0.133		ug/L		104	60 - 140

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31471-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 410-100857/2-A
Matrix: Water
Analysis Batch: 100945

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 100857

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*96*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*101*		*46 - 136*

Lab Sample ID: LCSD 410-100857/3-A
Matrix: Water
Analysis Batch: 100945

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 100857

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.133		ug/L		104	60 - 140	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*95*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*95*		*46 - 136*

Lab Sample ID: MB 410-101267/1-A
Matrix: Water
Analysis Batch: 101472

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101267

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		03/10/21 07:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*96*		*46 - 136*	*03/09/21 16:10*	*03/10/21 07:07*	*1*
1,1,2,2-Tetrachloroethane (2C)	*99*		*46 - 136*	*03/09/21 16:10*	*03/10/21 07:07*	*1*

Lab Sample ID: LCS 410-101267/2-A
Matrix: Water
Analysis Batch: 101472

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101267

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide (1C)			0.128	0.124		ug/L		97	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*97*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*96*		*46 - 136*

Lab Sample ID: LCSD 410-101267/3-A
Matrix: Water
Analysis Batch: 101472

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 101267

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.126		ug/L		98	60 - 140	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*98*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31471-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-100804/1-A
Matrix: Water
Analysis Batch: 101111

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 100804

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/09/21 07:53	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/09/21 07:53	1

Lab Sample ID: LCS 410-100804/2-A
Matrix: Water
Analysis Batch: 101111

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 100804

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.400	0.417		mg/L		104	87 - 115
Manganese	0.0200	0.0215		mg/L		107	90 - 114

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31471-1

GC/MS VOA

Analysis Batch: 101328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31471-1	GWTS-EFF2-030521	Total/NA	Water	8260C DOD	
410-31471-2	GWTS-EFF2DUP-030521	Total/NA	Water	8260C DOD	
410-31471-3	GWTS-GAC2-030521	Total/NA	Water	8260C DOD	
410-31471-4	GWTS-INF2-030521	Total/NA	Water	8260C DOD	
410-31471-5	GWTS-TB01-030521	Total/NA	Water	8260C DOD	
MB 410-101328/6	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-101328/4	Lab Control Sample	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 100857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31471-1	GWTS-EFF2-030521	Total/NA	Water	8011	
410-31471-2	GWTS-EFF2DUP-030521	Total/NA	Water	8011	
410-31471-3	GWTS-GAC2-030521	Total/NA	Water	8011	
410-31471-4	GWTS-INF2-030521	Total/NA	Water	8011	
MB 410-100857/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-100857/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-100857/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 100945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31471-1	GWTS-EFF2-030521	Total/NA	Water	8011	100857
410-31471-2	GWTS-EFF2DUP-030521	Total/NA	Water	8011	100857
410-31471-3	GWTS-GAC2-030521	Total/NA	Water	8011	100857
410-31471-4	GWTS-INF2-030521	Total/NA	Water	8011	100857
MB 410-100857/1-A	Method Blank	Total/NA	Water	8011	100857
LCS 410-100857/2-A	Lab Control Sample	Total/NA	Water	8011	100857
LCSD 410-100857/3-A	Lab Control Sample Dup	Total/NA	Water	8011	100857

Prep Batch: 101267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31471-5	GWTS-TB01-030521	Total/NA	Water	8011	
MB 410-101267/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-101267/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-101267/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 101472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31471-5	GWTS-TB01-030521	Total/NA	Water	8011	101267
MB 410-101267/1-A	Method Blank	Total/NA	Water	8011	101267
LCS 410-101267/2-A	Lab Control Sample	Total/NA	Water	8011	101267
LCSD 410-101267/3-A	Lab Control Sample Dup	Total/NA	Water	8011	101267

Metals

Prep Batch: 100804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31471-1	GWTS-EFF2-030521	Dissolved	Water	Non-Digest Prep	
410-31471-2	GWTS-EFF2DUP-030521	Dissolved	Water	Non-Digest Prep	
410-31471-3	GWTS-GAC2-030521	Dissolved	Water	Non-Digest Prep	
410-31471-4	GWTS-INF2-030521	Dissolved	Water	Non-Digest Prep	

QC Association Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31471-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Metals (Continued)

Prep Batch: 100804 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-100804/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-100804/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	

Analysis Batch: 101111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31471-1	GWTS-EFF2-030521	Dissolved	Water	6010C	100804
410-31471-2	GWTS-EFF2DUP-030521	Dissolved	Water	6010C	100804
410-31471-3	GWTS-GAC2-030521	Dissolved	Water	6010C	100804
410-31471-4	GWTS-INF2-030521	Dissolved	Water	6010C	100804
MB 410-100804/1-A	Method Blank	Total/NA	Water	6010C	100804
LCS 410-100804/2-A	Lab Control Sample	Total/NA	Water	6010C	100804

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31471-1

Client Sample ID: GWTS-EFF2-030521
Lab Sample ID: 410-31471-1
Date Collected: 03/05/21 11:21
Matrix: Water
Date Received: 03/06/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	101328	03/10/21 05:35	UCB5	ELLE
Total/NA	Prep	8011			100857	03/08/21 20:48	QQ3P	ELLE
Total/NA	Analysis	8011		1	100945	03/09/21 07:38	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			100804	03/08/21 17:48	UJLA	ELLE
Dissolved	Analysis	6010C		1	101111	03/09/21 08:25	MDP5	ELLE

Client Sample ID: GWTS-EFF2DUP-030521
Lab Sample ID: 410-31471-2
Date Collected: 03/05/21 11:21
Matrix: Water
Date Received: 03/06/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	101328	03/10/21 05:57	UCB5	ELLE
Total/NA	Prep	8011			100857	03/08/21 20:48	QQ3P	ELLE
Total/NA	Analysis	8011		1	100945	03/09/21 07:55	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			100804	03/08/21 17:48	UJLA	ELLE
Dissolved	Analysis	6010C		1	101111	03/09/21 08:28	MDP5	ELLE

Client Sample ID: GWTS-GAC2-030521
Lab Sample ID: 410-31471-3
Date Collected: 03/05/21 11:35
Matrix: Water
Date Received: 03/06/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	101328	03/10/21 06:19	UCB5	ELLE
Total/NA	Prep	8011			100857	03/08/21 20:48	QQ3P	ELLE
Total/NA	Analysis	8011		1	100945	03/09/21 08:11	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			100804	03/08/21 17:48	UJLA	ELLE
Dissolved	Analysis	6010C		1	101111	03/09/21 08:15	MDP5	ELLE

Client Sample ID: GWTS-INF2-030521
Lab Sample ID: 410-31471-4
Date Collected: 03/05/21 11:45
Matrix: Water
Date Received: 03/06/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	101328	03/10/21 06:42	UCB5	ELLE
Total/NA	Prep	8011			100857	03/08/21 20:48	QQ3P	ELLE
Total/NA	Analysis	8011		1	100945	03/09/21 08:28	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			100804	03/08/21 17:48	UJLA	ELLE
Dissolved	Analysis	6010C		1	101111	03/09/21 08:17	MDP5	ELLE

Client Sample ID: GWTS-TB01-030521
Lab Sample ID: 410-31471-5
Date Collected: 03/05/21 12:00
Matrix: Water
Date Received: 03/06/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	101328	03/09/21 23:20	UCB5	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31471-1

Client Sample ID: GWTS-TB01-030521
Date Collected: 03/05/21 12:00
Date Received: 03/06/21 11:01

Lab Sample ID: 410-31471-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			101267	03/09/21 16:10	QQ3P	ELLE
Total/NA	Analysis	8011		1	101472	03/10/21 08:48	UAMZ	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31471-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	11-30-22

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31471-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
6010C	Metals (ICP)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31471-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-31471-1	GWTS-EFF2-030521	Water	03/05/21 11:21	03/06/21 11:01	
410-31471-2	GWTS-EFF2DUP-030521	Water	03/05/21 11:21	03/06/21 11:01	
410-31471-3	GWTS-GAC2-030521	Water	03/05/21 11:35	03/06/21 11:01	
410-31471-4	GWTS-INF2-030521	Water	03/05/21 11:45	03/06/21 11:01	
410-31471-5	GWTS-TB01-030521	Water	03/05/21 12:00	03/06/21 11:01	

410-31471 Chain of Custody

...ND TIME 5 DAYS

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No. (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-030521

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q2
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-030521	03/05/21	1121	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-EFF2DUP-030521	03/05/21	1121	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-GAC2-030521	03/05/21	1135	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-INF2-030521	03/05/21	1145	6	--	3	--	2	--	1*	--	--	--	--	--	
5	GWTS-TB01-030521	03/05/21	1200	4	--	2	--	2	--	--	--	--	--	--	--	
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): JOSH LIVINGSTON

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1430

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
JOSH LIVINGSTON	3/5/21	1300			
			Nicole Reift	3/6/21	1101

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-31471-1

Login Number: 31471
List Number: 1
Creator: Rivera-Santa, Julissa

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-31600-1
Client Project/Site: Kirtland AFB Bulk Fuels Facility

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
3/12/2021 6:39:47 PM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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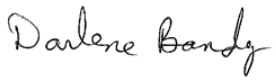

Darlene Bandy
Project Manager I
3/12/2021 6:39:47 PM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory Job ID: 410-31600-1

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-31600-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
M	Manual integrated compound.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31600-1

Job ID: 410-31600-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-31600-1

Receipt
The samples were received on 3/9/2021 11:12 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.8°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31600-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-030621 — Lab Sample ID: 410-31600-1

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.0091	J	0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-GAC2-030621 — Lab Sample ID: 410-31600-2

No Detections.

Client Sample ID: GWTS-INF2-030621 — Lab Sample ID: 410-31600-3

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (1C)	0.015	J M	0.029	0.019	0.0096	ug/L	1		8011	Total/NA
Manganese	0.036		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-TB01-030621 — Lab Sample ID: 410-31600-4

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31600-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-030621
Lab Sample ID: 410-31600-1
Date Collected: 03/06/21 09:00
Matrix: Water
Date Received: 03/09/21 11:12

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 16:04	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 16:04	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 16:04	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*		*03/10/21 16:04*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/10/21 16:04*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 119*		*03/10/21 16:04*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*03/10/21 16:04*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/11/21 08:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*110*		*46 - 136*	*03/10/21 17:45*	*03/11/21 08:44*	*1*
1,1,2,2-Tetrachloroethane (2C)	*103*		*46 - 136*	*03/10/21 17:45*	*03/11/21 08:44*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/10/21 12:06	1
Manganese	**0.0091**	**J**	0.010	0.0052	0.0031	mg/L		03/10/21 12:06	1

Client Sample ID: GWTS-GAC2-030621
Lab Sample ID: 410-31600-2
Date Collected: 03/06/21 09:10
Matrix: Water
Date Received: 03/09/21 11:12

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 16:25	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 16:25	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 16:25	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*03/10/21 16:25*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/10/21 16:25*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 119*		*03/10/21 16:25*	*1*
Toluene-d8 (Surr)	*102*		*89 - 112*		*03/10/21 16:25*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		03/11/21 09:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*110*		*46 - 136*	*03/10/21 17:45*	*03/11/21 09:01*	*1*
1,1,2,2-Tetrachloroethane (2C)	*98*		*46 - 136*	*03/10/21 17:45*	*03/11/21 09:01*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/10/21 11:44	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31600-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-GAC2-030621
Lab Sample ID: 410-31600-2
Date Collected: 03/06/21 09:10
Matrix: Water
Date Received: 03/09/21 11:12

Method: 6010C - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/10/21 11:44	1

Client Sample ID: GWTS-INF2-030621
Lab Sample ID: 410-31600-3
Date Collected: 03/06/21 09:20
Matrix: Water
Date Received: 03/09/21 11:12

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 16:45	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 16:45	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 16:45	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*03/10/21 16:45*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*03/10/21 16:45*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 119*		*03/10/21 16:45*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*03/10/21 16:45*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	**0.015**	**J M**	0.029	0.019	0.0096	ug/L		03/11/21 09:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*106*		*46 - 136*	*03/10/21 17:45*	*03/11/21 09:18*	*1*
1,1,2,2-Tetrachloroethane (2C)	*98*		*46 - 136*	*03/10/21 17:45*	*03/11/21 09:18*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/10/21 12:09	1
Manganese	**0.036**		0.010	0.0052	0.0031	mg/L		03/10/21 12:09	1

Client Sample ID: GWTS-TB01-030621
Lab Sample ID: 410-31600-4
Date Collected: 03/06/21 09:30
Matrix: Water
Date Received: 03/09/21 11:12

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 13:24	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 13:24	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 13:24	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/10/21 13:24*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/10/21 13:24*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 119*		*03/10/21 13:24*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*03/10/21 13:24*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/11/21 09:51	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31600-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-TB01-030621
Lab Sample ID: 410-31600-4
Date Collected: 03/06/21 09:30
Matrix: Water
Date Received: 03/09/21 11:12

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	103		46 - 136	03/10/21 17:45	03/11/21 09:51	1
1,1,2,2-Tetrachloroethane (2C)	98		46 - 136	03/10/21 17:45	03/11/21 09:51	1

Surrogate Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31600-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(81-118)	(85-114)	(80-119)	(89-112)
410-31600-1	GWTS-EFF2-030621	100	96	96	101
410-31600-2	GWTS-GAC2-030621	101	96	96	102
410-31600-3	GWTS-INF2-030621	103	97	96	101
410-31600-4	GWTS-TB01-030621	102	96	96	101
LCS 410-101556/5	Lab Control Sample	99	96	96	101
MB 410-101556/7	Method Blank	102	96	97	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(46-136)	(46-136)
410-31600-1	GWTS-EFF2-030621	110	103
410-31600-2	GWTS-GAC2-030621	110	98
410-31600-3	GWTS-INF2-030621	106	98
410-31600-4	GWTS-TB01-030621	103	98
LCS 410-101779/2-A	Lab Control Sample	98	93
LCSD 410-101779/3-A	Lab Control Sample Dup	103	97
MB 410-101779/1-A	Method Blank	107	100

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31600-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-101556/7
Matrix: Water
Analysis Batch: 101556

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 11:19	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 11:19	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 11:19	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 11:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/10/21 11:19*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/10/21 11:19*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/10/21 11:19*	*1*
Toluene-d8 (Surr)	*102*		*89 - 112*		*03/10/21 11:19*	*1*

Lab Sample ID: LCS 410-101556/5
Matrix: Water
Analysis Batch: 101556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	17.5		ug/L		88	42 - 138
Ethylbenzene	20.0	18.4		ug/L		92	79 - 121
Toluene	20.0	18.3		ug/L		91	80 - 121
Xylenes, Total	60.0	56.5		ug/L		94	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*81 - 118*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*
Dibromofluoromethane (Surr)	*96*		*80 - 119*
Toluene-d8 (Surr)	*101*		*89 - 112*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-101779/1-A
Matrix: Water
Analysis Batch: 101945

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101779

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		03/11/21 07:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*107*		*46 - 136*	*03/10/21 17:45*	*03/11/21 07:53*	*1*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*	*03/10/21 17:45*	*03/11/21 07:53*	*1*

Lab Sample ID: LCS 410-101779/2-A
Matrix: Water
Analysis Batch: 101945

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101779

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.128	0.150		ug/L		117	60 - 140

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31600-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 410-101779/2-A
Matrix: Water
Analysis Batch: 101945

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101779

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*98*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*93*		*46 - 136*

Lab Sample ID: LCSD 410-101779/3-A
Matrix: Water
Analysis Batch: 101945

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 101779

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.149		ug/L		116	60 - 140	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*103*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*97*		*46 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-101459/1-A
Matrix: Water
Analysis Batch: 101671

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101459

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/10/21 11:17	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/10/21 11:17	1

Lab Sample ID: LCS 410-101459/2-A
Matrix: Water
Analysis Batch: 101671

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101459

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Iron			0.400	0.404		mg/L		101	87 - 115		
Manganese			0.0200	0.0210		mg/L		105	90 - 114		

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31600-1

GC/MS VOA

Analysis Batch: 101556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31600-1	GWTS-EFF2-030621	Total/NA	Water	8260C DOD	
410-31600-2	GWTS-GAC2-030621	Total/NA	Water	8260C DOD	
410-31600-3	GWTS-INF2-030621	Total/NA	Water	8260C DOD	
410-31600-4	GWTS-TB01-030621	Total/NA	Water	8260C DOD	
MB 410-101556/7	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-101556/5	Lab Control Sample	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 101779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31600-1	GWTS-EFF2-030621	Total/NA	Water	8011	
410-31600-2	GWTS-GAC2-030621	Total/NA	Water	8011	
410-31600-3	GWTS-INF2-030621	Total/NA	Water	8011	
410-31600-4	GWTS-TB01-030621	Total/NA	Water	8011	
MB 410-101779/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-101779/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-101779/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 101945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31600-1	GWTS-EFF2-030621	Total/NA	Water	8011	101779
410-31600-2	GWTS-GAC2-030621	Total/NA	Water	8011	101779
410-31600-3	GWTS-INF2-030621	Total/NA	Water	8011	101779
410-31600-4	GWTS-TB01-030621	Total/NA	Water	8011	101779
MB 410-101779/1-A	Method Blank	Total/NA	Water	8011	101779
LCS 410-101779/2-A	Lab Control Sample	Total/NA	Water	8011	101779
LCSD 410-101779/3-A	Lab Control Sample Dup	Total/NA	Water	8011	101779

Metals

Prep Batch: 101459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31600-1	GWTS-EFF2-030621	Dissolved	Water	Non-Digest Prep	
410-31600-2	GWTS-GAC2-030621	Dissolved	Water	Non-Digest Prep	
410-31600-3	GWTS-INF2-030621	Dissolved	Water	Non-Digest Prep	
MB 410-101459/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-101459/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	

Analysis Batch: 101671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31600-1	GWTS-EFF2-030621	Dissolved	Water	6010C	101459
410-31600-2	GWTS-GAC2-030621	Dissolved	Water	6010C	101459
410-31600-3	GWTS-INF2-030621	Dissolved	Water	6010C	101459
MB 410-101459/1-A	Method Blank	Total/NA	Water	6010C	101459
LCS 410-101459/2-A	Lab Control Sample	Total/NA	Water	6010C	101459

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31600-1

Client Sample ID: GWTS-EFF2-030621
Lab Sample ID: 410-31600-1
Date Collected: 03/06/21 09:00
Matrix: Water
Date Received: 03/09/21 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	101556	03/10/21 16:04	LCW8	ELLE
Total/NA	Prep	8011			101779	03/10/21 17:45	QQ3P	ELLE
Total/NA	Analysis	8011		1	101945	03/11/21 08:44	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			101459	03/10/21 06:46	UJL8	ELLE
Dissolved	Analysis	6010C		1	101671	03/10/21 12:06	MDP5	ELLE

Client Sample ID: GWTS-GAC2-030621
Lab Sample ID: 410-31600-2
Date Collected: 03/06/21 09:10
Matrix: Water
Date Received: 03/09/21 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	101556	03/10/21 16:25	LCW8	ELLE
Total/NA	Prep	8011			101779	03/10/21 17:45	QQ3P	ELLE
Total/NA	Analysis	8011		1	101945	03/11/21 09:01	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			101459	03/10/21 06:46	UJL8	ELLE
Dissolved	Analysis	6010C		1	101671	03/10/21 11:44	MDP5	ELLE

Client Sample ID: GWTS-INF2-030621
Lab Sample ID: 410-31600-3
Date Collected: 03/06/21 09:20
Matrix: Water
Date Received: 03/09/21 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	101556	03/10/21 16:45	LCW8	ELLE
Total/NA	Prep	8011			101779	03/10/21 17:45	QQ3P	ELLE
Total/NA	Analysis	8011		1	101945	03/11/21 09:18	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			101459	03/10/21 06:46	UJL8	ELLE
Dissolved	Analysis	6010C		1	101671	03/10/21 12:09	MDP5	ELLE

Client Sample ID: GWTS-TB01-030621
Lab Sample ID: 410-31600-4
Date Collected: 03/06/21 09:30
Matrix: Water
Date Received: 03/09/21 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	101556	03/10/21 13:24	LCW8	ELLE
Total/NA	Prep	8011			101779	03/10/21 17:45	QQ3P	ELLE
Total/NA	Analysis	8011		1	101945	03/11/21 09:51	UAMZ	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31600-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	11-30-22

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31600-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
6010C	Metals (ICP)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31600-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-31600-1	GWTS-EFF2-030621	Water	03/06/21 09:00	03/09/21 11:12	
410-31600-2	GWTS-GAC2-030621	Water	03/06/21 09:10	03/09/21 11:12	
410-31600-3	GWTS-INF2-030621	Water	03/06/21 09:20	03/09/21 11:12	
410-31600-4	GWTS-TB01-030621	Water	03/06/21 09:30	03/09/21 11:12	

410-31600 Chain of Custody

TURN AROUND TIME 5 DAYS

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No. (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-030821

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 6360401	LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA; FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021	QUARTER: Q2		
PROJECT SITE AND PHASE: ST106/SS111	LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188	

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-030621	03/06/21	0900	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-GAC2-030621	03/06/21	0910	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-030621	03/06/21	0920	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-030621	03/06/21	0930	4	--	2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): JOSH LIVINGSTON

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1440

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
JOSH LIVINGSTON	3/8/21	1300			
			Wesley Miller	3/9/21	1112

JR

3/12/2021

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-31600-1

Login Number: 31600
List Number: 1
Creator: Hollinger, Zane T

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-31601-1
Client Project/Site: Kirtland AFB Bulk Fuels Facility

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
3/15/2021 1:04:43 PM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS
Review your project results through TotalAccess
Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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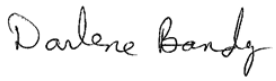

Darlene Bandy
Project Manager I
3/15/2021 1:04:43 PM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory Job ID: 410-31601-1

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-31601-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
M	Manual integrated compound.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31601-1

Job ID: 410-31601-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-31601-1

Receipt
The samples were received on 3/9/2021 11:12 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.8°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31601-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-030721 — Lab Sample ID: 410-31601-1

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.0061	J	0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-GAC2-030721 — Lab Sample ID: 410-31601-2

No Detections.

Client Sample ID: GWTS-INF2-030721 — Lab Sample ID: 410-31601-3

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (1C)	0.014	J M	0.029	0.019	0.0096	ug/L	1		8011	Total/NA
Manganese	0.037		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-TB01-030721 — Lab Sample ID: 410-31601-4

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31601-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-030721
Lab Sample ID: 410-31601-1
Date Collected: 03/07/21 08:40
Matrix: Water
Date Received: 03/09/21 11:12

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 17:05	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 17:05	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 17:05	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*		*03/10/21 17:05*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*03/10/21 17:05*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/10/21 17:05*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*03/10/21 17:05*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		03/11/21 10:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*104*		*46 - 136*	*03/10/21 17:45*	*03/11/21 10:08*	*1*
1,1,2,2-Tetrachloroethane (2C)	*99*		*46 - 136*	*03/10/21 17:45*	*03/11/21 10:08*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/10/21 11:57	1
Manganese	**0.0061**	**J**	0.010	0.0052	0.0031	mg/L		03/10/21 11:57	1

Client Sample ID: GWTS-GAC2-030721
Lab Sample ID: 410-31601-2
Date Collected: 03/07/21 08:49
Matrix: Water
Date Received: 03/09/21 11:12

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 17:25	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 17:25	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 17:25	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*03/10/21 17:25*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/10/21 17:25*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/10/21 17:25*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*03/10/21 17:25*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/11/21 10:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*123*		*46 - 136*	*03/10/21 17:45*	*03/11/21 10:25*	*1*
1,1,2,2-Tetrachloroethane (2C)	*108*		*46 - 136*	*03/10/21 17:45*	*03/11/21 10:25*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/10/21 11:23	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31601-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-GAC2-030721
Lab Sample ID: 410-31601-2
Date Collected: 03/07/21 08:49
Matrix: Water
Date Received: 03/09/21 11:12

Method: 6010C - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/10/21 11:23	1

Client Sample ID: GWTS-INF2-030721
Lab Sample ID: 410-31601-3
Date Collected: 03/07/21 08:57
Matrix: Water
Date Received: 03/09/21 11:12

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 17:45	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 17:45	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 17:45	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/10/21 17:45*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/10/21 17:45*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/10/21 17:45*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*03/10/21 17:45*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	**0.014**	**J M**	0.029	0.019	0.0096	ug/L		03/11/21 10:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*111*		*46 - 136*	*03/10/21 17:45*	*03/11/21 10:42*	*1*
1,1,2,2-Tetrachloroethane (2C)	*106*		*46 - 136*	*03/10/21 17:45*	*03/11/21 10:42*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/10/21 12:03	1
Manganese	**0.037**		0.010	0.0052	0.0031	mg/L		03/10/21 12:03	1

Client Sample ID: GWTS-TB01-030721
Lab Sample ID: 410-31601-4
Date Collected: 03/07/21 09:00
Matrix: Water
Date Received: 03/09/21 11:12

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 13:44	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 13:44	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 13:44	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/10/21 13:44*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*03/10/21 13:44*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/10/21 13:44*	*1*
Toluene-d8 (Surr)	*102*		*89 - 112*		*03/10/21 13:44*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		03/11/21 10:59	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31601-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-TB01-030721
Lab Sample ID: 410-31601-4
Date Collected: 03/07/21 09:00
Matrix: Water
Date Received: 03/09/21 11:12

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	100		46 - 136	03/10/21 17:45	03/11/21 10:59	1
1,1,2,2-Tetrachloroethane (2C)	100		46 - 136	03/10/21 17:45	03/11/21 10:59	1

Surrogate Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31601-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(81-118)	(85-114)	(80-119)	(89-112)
410-31601-1	GWTS-EFF2-030721	100	95	97	101
410-31601-2	GWTS-GAC2-030721	101	96	97	101
410-31601-3	GWTS-INF2-030721	102	96	97	100
410-31601-4	GWTS-TB01-030721	102	97	97	102
LCS 410-101556/5	Lab Control Sample	99	96	96	101
MB 410-101556/7	Method Blank	102	96	97	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(46-136)	(46-136)
410-31601-1	GWTS-EFF2-030721	104	99
410-31601-2	GWTS-GAC2-030721	123	108
410-31601-3	GWTS-INF2-030721	111	106
410-31601-4	GWTS-TB01-030721	100	100
LCS 410-101779/2-A	Lab Control Sample	98	93
LCSD 410-101779/3-A	Lab Control Sample Dup	103	97
MB 410-101779/1-A	Method Blank	107	100

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31601-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-101556/7
Matrix: Water
Analysis Batch: 101556

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 11:19	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 11:19	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 11:19	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 11:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/10/21 11:19*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/10/21 11:19*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/10/21 11:19*	*1*
Toluene-d8 (Surr)	*102*		*89 - 112*		*03/10/21 11:19*	*1*

Lab Sample ID: LCS 410-101556/5
Matrix: Water
Analysis Batch: 101556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	17.5		ug/L		88	42 - 138
Ethylbenzene	20.0	18.4		ug/L		92	79 - 121
Toluene	20.0	18.3		ug/L		91	80 - 121
Xylenes, Total	60.0	56.5		ug/L		94	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*81 - 118*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*
Dibromofluoromethane (Surr)	*96*		*80 - 119*
Toluene-d8 (Surr)	*101*		*89 - 112*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-101779/1-A
Matrix: Water
Analysis Batch: 101945

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101779

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		03/11/21 07:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*107*		*46 - 136*	*03/10/21 17:45*	*03/11/21 07:53*	*1*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*	*03/10/21 17:45*	*03/11/21 07:53*	*1*

Lab Sample ID: LCS 410-101779/2-A
Matrix: Water
Analysis Batch: 101945

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101779

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.128	0.150		ug/L		117	60 - 140

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31601-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 410-101779/2-A
Matrix: Water
Analysis Batch: 101945

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101779

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*98*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*93*		*46 - 136*

Lab Sample ID: LCSD 410-101779/3-A
Matrix: Water
Analysis Batch: 101945

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 101779

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.149		ug/L		116	60 - 140	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*103*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*97*		*46 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-101459/1-A
Matrix: Water
Analysis Batch: 101671

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101459

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/10/21 11:17	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/10/21 11:17	1

Lab Sample ID: LCS 410-101459/2-A
Matrix: Water
Analysis Batch: 101671

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101459

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Iron			0.400	0.404		mg/L		101	87 - 115		
Manganese			0.0200	0.0210		mg/L		105	90 - 114		

Lab Sample ID: 410-31601-2 MS
Matrix: Water
Analysis Batch: 101671

Client Sample ID: GWTS-GAC2-030721
Prep Type: Dissolved
Prep Batch: 101459

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Iron	0.10	U	0.400	0.399		mg/L		100	87 - 115		
Manganese	0.0052	U	0.0200	0.0203		mg/L		102	90 - 114		

Lab Sample ID: 410-31601-2 MSD
Matrix: Water
Analysis Batch: 101671

Client Sample ID: GWTS-GAC2-030721
Prep Type: Dissolved
Prep Batch: 101459

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	0.10	U	0.400	0.391		mg/L		98	87 - 115	2	20
Manganese	0.0052	U	0.0200	0.0201		mg/L		100	90 - 114	1	20

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31601-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 410-31601-2 DU
Matrix: Water
Analysis Batch: 101671

Client Sample ID: GWTS-GAC2-030721
Prep Type: Dissolved
Prep Batch: 101459

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Iron	0.10	U		0.10	U	mg/L				NC	20
Manganese	0.0052	U		0.0052	U	mg/L				NC	20

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31601-1

GC/MS VOA

Analysis Batch: 101556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31601-1	GWTS-EFF2-030721	Total/NA	Water	8260C DOD	
410-31601-2	GWTS-GAC2-030721	Total/NA	Water	8260C DOD	
410-31601-3	GWTS-INF2-030721	Total/NA	Water	8260C DOD	
410-31601-4	GWTS-TB01-030721	Total/NA	Water	8260C DOD	
MB 410-101556/7	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-101556/5	Lab Control Sample	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 101779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31601-1	GWTS-EFF2-030721	Total/NA	Water	8011	
410-31601-2	GWTS-GAC2-030721	Total/NA	Water	8011	
410-31601-3	GWTS-INF2-030721	Total/NA	Water	8011	
410-31601-4	GWTS-TB01-030721	Total/NA	Water	8011	
MB 410-101779/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-101779/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-101779/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 101945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31601-1	GWTS-EFF2-030721	Total/NA	Water	8011	101779
410-31601-2	GWTS-GAC2-030721	Total/NA	Water	8011	101779
410-31601-3	GWTS-INF2-030721	Total/NA	Water	8011	101779
410-31601-4	GWTS-TB01-030721	Total/NA	Water	8011	101779
MB 410-101779/1-A	Method Blank	Total/NA	Water	8011	101779
LCS 410-101779/2-A	Lab Control Sample	Total/NA	Water	8011	101779
LCSD 410-101779/3-A	Lab Control Sample Dup	Total/NA	Water	8011	101779

Metals

Prep Batch: 101459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31601-1	GWTS-EFF2-030721	Dissolved	Water	Non-Digest Prep	
410-31601-2	GWTS-GAC2-030721	Dissolved	Water	Non-Digest Prep	
410-31601-3	GWTS-INF2-030721	Dissolved	Water	Non-Digest Prep	
MB 410-101459/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-101459/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	
410-31601-2 MS	GWTS-GAC2-030721	Dissolved	Water	Non-Digest Prep	
410-31601-2 MSD	GWTS-GAC2-030721	Dissolved	Water	Non-Digest Prep	
410-31601-2 DU	GWTS-GAC2-030721	Dissolved	Water	Non-Digest Prep	

Analysis Batch: 101671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31601-1	GWTS-EFF2-030721	Dissolved	Water	6010C	101459
410-31601-2	GWTS-GAC2-030721	Dissolved	Water	6010C	101459
410-31601-3	GWTS-INF2-030721	Dissolved	Water	6010C	101459
MB 410-101459/1-A	Method Blank	Total/NA	Water	6010C	101459
LCS 410-101459/2-A	Lab Control Sample	Total/NA	Water	6010C	101459
410-31601-2 MS	GWTS-GAC2-030721	Dissolved	Water	6010C	101459
410-31601-2 MSD	GWTS-GAC2-030721	Dissolved	Water	6010C	101459
410-31601-2 DU	GWTS-GAC2-030721	Dissolved	Water	6010C	101459

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31601-1

Client Sample ID: GWTS-EFF2-030721
Lab Sample ID: 410-31601-1
Date Collected: 03/07/21 08:40
Matrix: Water
Date Received: 03/09/21 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	101556	03/10/21 17:05	LCW8	ELLE
Total/NA	Prep	8011			101779	03/10/21 17:45	QQ3P	ELLE
Total/NA	Analysis	8011		1	101945	03/11/21 10:08	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			101459	03/10/21 06:46	UJL8	ELLE
Dissolved	Analysis	6010C		1	101671	03/10/21 11:57	MDP5	ELLE

Client Sample ID: GWTS-GAC2-030721
Lab Sample ID: 410-31601-2
Date Collected: 03/07/21 08:49
Matrix: Water
Date Received: 03/09/21 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	101556	03/10/21 17:25	LCW8	ELLE
Total/NA	Prep	8011			101779	03/10/21 17:45	QQ3P	ELLE
Total/NA	Analysis	8011		1	101945	03/11/21 10:25	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			101459	03/10/21 06:46	UJL8	ELLE
Dissolved	Analysis	6010C		1	101671	03/10/21 11:23	MDP5	ELLE

Client Sample ID: GWTS-INF2-030721
Lab Sample ID: 410-31601-3
Date Collected: 03/07/21 08:57
Matrix: Water
Date Received: 03/09/21 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	101556	03/10/21 17:45	LCW8	ELLE
Total/NA	Prep	8011			101779	03/10/21 17:45	QQ3P	ELLE
Total/NA	Analysis	8011		1	101945	03/11/21 10:42	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			101459	03/10/21 06:46	UJL8	ELLE
Dissolved	Analysis	6010C		1	101671	03/10/21 12:03	MDP5	ELLE

Client Sample ID: GWTS-TB01-030721
Lab Sample ID: 410-31601-4
Date Collected: 03/07/21 09:00
Matrix: Water
Date Received: 03/09/21 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	101556	03/10/21 13:44	LCW8	ELLE
Total/NA	Prep	8011			101779	03/10/21 17:45	QQ3P	ELLE
Total/NA	Analysis	8011		1	101945	03/11/21 10:59	UAMZ	ELLE

Laboratory References:
ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31601-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	11-30-22

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31601-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
6010C	Metals (ICP)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31601-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-31601-1	GWTS-EFF2-030721	Water	03/07/21 08:40	03/09/21 11:12	
410-31601-2	GWTS-GAC2-030721	Water	03/07/21 08:49	03/09/21 11:12	
410-31601-3	GWTS-INF2-030721	Water	03/07/21 08:57	03/09/21 11:12	
410-31601-4	GWTS-TB01-030721	Water	03/07/21 09:00	03/09/21 11:12	

410-31601 Chain of Custody

TURN AROUND TIME 5 DAYS

EA 225 Schilling Circle Suite 400 Hunt Valley MD Tel No. (410) 584-7000 Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS2-030821

PROJECT NAME: Kirtland AFB Bulk Fuels Facility	PROJECT NUMBER: 6360401	LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster PA 17601	FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
			FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
PROJECT SITE AND PHASE: ST106/SS111		LAB PO NUMBER: 21295	LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188

YEAR: 2021

QUARTER: Q2

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-030721	03/07/21	0840	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-GAC2-030721	03/07/21	0849	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-030721	03/07/21	0857	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-030721	03/07/21	0900	4	--	2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): JOSH LIVINGSTON

COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1440

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
JOSH LIVINGSTON	3/8/21	1300			
			Wesley Miller	3/9/21	1112

JR

3/15/2021

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-31601-1

Login Number: 31601
List Number: 1
Creator: Hollinger, Zane T

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-31602-1
Client Project/Site: Kirtland AFB Bulk Fuels Facility

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
3/15/2021 1:06:52 PM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy

Darlene Bandy
Project Manager I
3/15/2021 1:06:52 PM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory Job ID: 410-31602-1

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-31602-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
M	Manual integrated compound.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31602-1

Job ID: 410-31602-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-31602-1

Receipt
The samples were received on 3/9/2021 11:12 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31602-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-030821 — Lab Sample ID: 410-31602-1

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.0050	J	0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-GAC2-030821 — Lab Sample ID: 410-31602-2

No Detections.

Client Sample ID: GWTS-INF2-030821 — Lab Sample ID: 410-31602-3

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (1C)	0.018	J M	0.029	0.019	0.0096	ug/L	1		8011	Total/NA
Manganese	0.038		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-TB01-030821 — Lab Sample ID: 410-31602-4

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31602-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-030821
Lab Sample ID: 410-31602-1
Date Collected: 03/08/21 08:48
Matrix: Water
Date Received: 03/09/21 11:12

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 18:05	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 18:05	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 18:05	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*03/10/21 18:05*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/10/21 18:05*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/10/21 18:05*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*03/10/21 18:05*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U M	0.029	0.019	0.0097	ug/L		03/11/21 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*123*		*46 - 136*	*03/10/21 17:45*	*03/11/21 11:16*	*1*
1,1,2,2-Tetrachloroethane (2C)	*108*		*46 - 136*	*03/10/21 17:45*	*03/11/21 11:16*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/10/21 12:00	1
Manganese	**0.0050**	**J**	0.010	0.0052	0.0031	mg/L		03/10/21 12:00	1

Client Sample ID: GWTS-GAC2-030821
Lab Sample ID: 410-31602-2
Date Collected: 03/08/21 08:57
Matrix: Water
Date Received: 03/09/21 11:12

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 18:25	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 18:25	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 18:25	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/10/21 18:25*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*03/10/21 18:25*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/10/21 18:25*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*03/10/21 18:25*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/11/21 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*118*		*46 - 136*	*03/10/21 17:45*	*03/11/21 11:33*	*1*
1,1,2,2-Tetrachloroethane (2C)	*108*		*46 - 136*	*03/10/21 17:45*	*03/11/21 11:33*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/10/21 11:41	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31602-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-GAC2-030821
Lab Sample ID: 410-31602-2
Date Collected: 03/08/21 08:57
Matrix: Water
Date Received: 03/09/21 11:12

Method: 6010C - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/10/21 11:41	1

Client Sample ID: GWTS-INF2-030821
Lab Sample ID: 410-31602-3
Date Collected: 03/08/21 09:10
Matrix: Water
Date Received: 03/09/21 11:12

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 18:46	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 18:46	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 18:46	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/10/21 18:46*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/10/21 18:46*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/10/21 18:46*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*03/10/21 18:46*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	**0.018**	**J M**	0.029	0.019	0.0096	ug/L		03/11/21 11:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*109*		*46 - 136*	*03/10/21 17:45*	*03/11/21 11:50*	*1*
1,1,2,2-Tetrachloroethane (2C)	*103*		*46 - 136*	*03/10/21 17:45*	*03/11/21 11:50*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/10/21 11:53	1
Manganese	**0.038**		0.010	0.0052	0.0031	mg/L		03/10/21 11:53	1

Client Sample ID: GWTS-TB01-030821
Lab Sample ID: 410-31602-4
Date Collected: 03/08/21 09:20
Matrix: Water
Date Received: 03/09/21 11:12

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 14:04	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 14:04	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 14:04	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/10/21 14:04*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/10/21 14:04*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 119*		*03/10/21 14:04*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*03/10/21 14:04*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/11/21 12:07	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31602-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-TB01-030821
Lab Sample ID: 410-31602-4
Date Collected: 03/08/21 09:20
Matrix: Water
Date Received: 03/09/21 11:12

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	102		46 - 136	03/10/21 17:45	03/11/21 12:07	1
1,1,2,2-Tetrachloroethane (2C)	102		46 - 136	03/10/21 17:45	03/11/21 12:07	1

Surrogate Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31602-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(81-118)	(85-114)	(80-119)	(89-112)
410-31602-1	GWTS-EFF2-030821	101	96	97	101
410-31602-2	GWTS-GAC2-030821	102	95	97	101
410-31602-3	GWTS-INF2-030821	102	96	97	101
410-31602-4	GWTS-TB01-030821	102	96	96	101
LCS 410-101556/5	Lab Control Sample	99	96	96	101
MB 410-101556/7	Method Blank	102	96	97	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(46-136)	(46-136)
410-31602-1	GWTS-EFF2-030821	123	108
410-31602-2	GWTS-GAC2-030821	118	108
410-31602-3	GWTS-INF2-030821	109	103
410-31602-4	GWTS-TB01-030821	102	102
LCS 410-101779/2-A	Lab Control Sample	98	93
LCSD 410-101779/3-A	Lab Control Sample Dup	103	97
MB 410-101779/1-A	Method Blank	107	100

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31602-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-101556/7
Matrix: Water
Analysis Batch: 101556

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 11:19	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/10/21 11:19	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/10/21 11:19	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/10/21 11:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/10/21 11:19*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/10/21 11:19*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/10/21 11:19*	*1*
Toluene-d8 (Surr)	*102*		*89 - 112*		*03/10/21 11:19*	*1*

Lab Sample ID: LCS 410-101556/5
Matrix: Water
Analysis Batch: 101556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	17.5		ug/L		88	42 - 138
Ethylbenzene	20.0	18.4		ug/L		92	79 - 121
Toluene	20.0	18.3		ug/L		91	80 - 121
Xylenes, Total	60.0	56.5		ug/L		94	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*81 - 118*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*
Dibromofluoromethane (Surr)	*96*		*80 - 119*
Toluene-d8 (Surr)	*101*		*89 - 112*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-101779/1-A
Matrix: Water
Analysis Batch: 101945

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101779

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		03/11/21 07:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*107*		*46 - 136*	*03/10/21 17:45*	*03/11/21 07:53*	*1*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*	*03/10/21 17:45*	*03/11/21 07:53*	*1*

Lab Sample ID: LCS 410-101779/2-A
Matrix: Water
Analysis Batch: 101945

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101779

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.128	0.150		ug/L		117	60 - 140

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31602-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 410-101779/2-A
Matrix: Water
Analysis Batch: 101945

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101779

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*98*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*93*		*46 - 136*

Lab Sample ID: LCSD 410-101779/3-A
Matrix: Water
Analysis Batch: 101945

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 101779

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.149		ug/L		116	60 - 140	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*103*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*97*		*46 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-101459/1-A
Matrix: Water
Analysis Batch: 101671

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101459

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/10/21 11:17	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/10/21 11:17	1

Lab Sample ID: LCS 410-101459/2-A
Matrix: Water
Analysis Batch: 101671

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101459

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Iron			0.400	0.404		mg/L		101	87 - 115		
Manganese			0.0200	0.0210		mg/L		105	90 - 114		

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31602-1

GC/MS VOA

Analysis Batch: 101556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31602-1	GWTS-EFF2-030821	Total/NA	Water	8260C DOD	
410-31602-2	GWTS-GAC2-030821	Total/NA	Water	8260C DOD	
410-31602-3	GWTS-INF2-030821	Total/NA	Water	8260C DOD	
410-31602-4	GWTS-TB01-030821	Total/NA	Water	8260C DOD	
MB 410-101556/7	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-101556/5	Lab Control Sample	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 101779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31602-1	GWTS-EFF2-030821	Total/NA	Water	8011	
410-31602-2	GWTS-GAC2-030821	Total/NA	Water	8011	
410-31602-3	GWTS-INF2-030821	Total/NA	Water	8011	
410-31602-4	GWTS-TB01-030821	Total/NA	Water	8011	
MB 410-101779/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-101779/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-101779/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 101945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31602-1	GWTS-EFF2-030821	Total/NA	Water	8011	101779
410-31602-2	GWTS-GAC2-030821	Total/NA	Water	8011	101779
410-31602-3	GWTS-INF2-030821	Total/NA	Water	8011	101779
410-31602-4	GWTS-TB01-030821	Total/NA	Water	8011	101779
MB 410-101779/1-A	Method Blank	Total/NA	Water	8011	101779
LCS 410-101779/2-A	Lab Control Sample	Total/NA	Water	8011	101779
LCSD 410-101779/3-A	Lab Control Sample Dup	Total/NA	Water	8011	101779

Metals

Prep Batch: 101459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31602-1	GWTS-EFF2-030821	Dissolved	Water	Non-Digest Prep	
410-31602-2	GWTS-GAC2-030821	Dissolved	Water	Non-Digest Prep	
410-31602-3	GWTS-INF2-030821	Dissolved	Water	Non-Digest Prep	
MB 410-101459/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-101459/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	

Analysis Batch: 101671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31602-1	GWTS-EFF2-030821	Dissolved	Water	6010C	101459
410-31602-2	GWTS-GAC2-030821	Dissolved	Water	6010C	101459
410-31602-3	GWTS-INF2-030821	Dissolved	Water	6010C	101459
MB 410-101459/1-A	Method Blank	Total/NA	Water	6010C	101459
LCS 410-101459/2-A	Lab Control Sample	Total/NA	Water	6010C	101459

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31602-1

Client Sample ID: GWTS-EFF2-030821
Lab Sample ID: 410-31602-1
Date Collected: 03/08/21 08:48
Matrix: Water
Date Received: 03/09/21 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	101556	03/10/21 18:05	LCW8	ELLE
Total/NA	Prep	8011			101779	03/10/21 17:45	QQ3P	ELLE
Total/NA	Analysis	8011		1	101945	03/11/21 11:16	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			101459	03/10/21 06:46	UJL8	ELLE
Dissolved	Analysis	6010C		1	101671	03/10/21 12:00	MDP5	ELLE

Client Sample ID: GWTS-GAC2-030821
Lab Sample ID: 410-31602-2
Date Collected: 03/08/21 08:57
Matrix: Water
Date Received: 03/09/21 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	101556	03/10/21 18:25	LCW8	ELLE
Total/NA	Prep	8011			101779	03/10/21 17:45	QQ3P	ELLE
Total/NA	Analysis	8011		1	101945	03/11/21 11:33	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			101459	03/10/21 06:46	UJL8	ELLE
Dissolved	Analysis	6010C		1	101671	03/10/21 11:41	MDP5	ELLE

Client Sample ID: GWTS-INF2-030821
Lab Sample ID: 410-31602-3
Date Collected: 03/08/21 09:10
Matrix: Water
Date Received: 03/09/21 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	101556	03/10/21 18:46	LCW8	ELLE
Total/NA	Prep	8011			101779	03/10/21 17:45	QQ3P	ELLE
Total/NA	Analysis	8011		1	101945	03/11/21 11:50	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			101459	03/10/21 06:46	UJL8	ELLE
Dissolved	Analysis	6010C		1	101671	03/10/21 11:53	MDP5	ELLE

Client Sample ID: GWTS-TB01-030821
Lab Sample ID: 410-31602-4
Date Collected: 03/08/21 09:20
Matrix: Water
Date Received: 03/09/21 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	101556	03/10/21 14:04	LCW8	ELLE
Total/NA	Prep	8011			101779	03/10/21 17:45	QQ3P	ELLE
Total/NA	Analysis	8011		1	101945	03/11/21 12:07	UAMZ	ELLE

Laboratory References:
ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31602-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	11-30-22

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31602-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
6010C	Metals (ICP)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31602-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-31602-1	GWTS-EFF2-030821	Water	03/08/21 08:48	03/09/21 11:12	
410-31602-2	GWTS-GAC2-030821	Water	03/08/21 08:57	03/09/21 11:12	
410-31602-3	GWTS-INF2-030821	Water	03/08/21 09:10	03/09/21 11:12	
410-31602-4	GWTS-TB01-030821	Water	03/08/21 09:20	03/09/21 11:12	

410-31602 Chain of Custody

TURN AROUND TIME 5 DAYS

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS3-030821

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q2
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-030821	03/08/21	0848	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-GAC2-030821	03/08/21	0857	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-030821	03/08/21	0910	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-030821	03/08/21	0920	4	--	2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): JOSH LIVINGSTON
COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1451

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Printed Name and Signature: JOSH LIVINGSTON	3/5/21	1300	Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature: Wesley Miller	3/9/21	1112

TR

3/15/2021

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-31602-1

Login Number: 31602
List Number: 1
Creator: Hollinger, Zane T

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-31799-1
Client Project/Site: Kirtland AFB Bulk Fuels Facility

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Authorized for release by:
3/17/2021 6:22:23 PM
Nicole Maljovec, Client Services Manager
(717)556-7259
Nicole.Maljovec@eurofinset.com

Designee for

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Nicole Maljovec
Client Services Manager
3/17/2021 6:22:23 PM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory Job ID: 410-31799-1

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-31799-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31799-1

Job ID: 410-31799-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-31799-1

Receipt
The samples were received on 3/10/2021 11:29 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31799-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-030921 — Lab Sample ID: 410-31799-1

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.0059	J	0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-GAC2-030921 — Lab Sample ID: 410-31799-2

No Detections.

Client Sample ID: GWTS-INF2-030921 — Lab Sample ID: 410-31799-3

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylene Dibromide (1C)	0.018	J	0.029	0.019	0.0096	ug/L	1		8011	Total/NA
Manganese	0.036		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-TB01-030921 — Lab Sample ID: 410-31799-4

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31799-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-030921
Lab Sample ID: 410-31799-1
Date Collected: 03/09/21 09:53
Matrix: Water
Date Received: 03/10/21 11:29

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 12:29	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/15/21 12:29	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 12:29	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/15/21 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/15/21 12:29*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*03/15/21 12:29*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 119*		*03/15/21 12:29*	*1*
Toluene-d8 (Surr)	*99*		*89 - 112*		*03/15/21 12:29*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.028	0.019	0.0095	ug/L		03/12/21 08:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*113*		*46 - 136*	*03/11/21 20:35*	*03/12/21 08:46*	*1*
1,1,2,2-Tetrachloroethane (2C)	*106*		*46 - 136*	*03/11/21 20:35*	*03/12/21 08:46*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/11/21 14:00	1
Manganese	**0.0059**	**J**	0.010	0.0052	0.0031	mg/L		03/11/21 14:00	1

Client Sample ID: GWTS-GAC2-030921
Lab Sample ID: 410-31799-2
Date Collected: 03/09/21 10:13
Matrix: Water
Date Received: 03/10/21 11:29

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 14:30	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/15/21 14:30	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 14:30	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/15/21 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*03/15/21 14:30*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*03/15/21 14:30*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 119*		*03/15/21 14:30*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*03/15/21 14:30*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/12/21 09:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*118*		*46 - 136*	*03/11/21 20:35*	*03/12/21 09:03*	*1*
1,1,2,2-Tetrachloroethane (2C)	*106*		*46 - 136*	*03/11/21 20:35*	*03/12/21 09:03*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/11/21 13:04	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31799-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-GAC2-030921
Lab Sample ID: 410-31799-2
Date Collected: 03/09/21 10:13
Matrix: Water
Date Received: 03/10/21 11:29

Method: 6010C - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/11/21 13:04	1

Client Sample ID: GWTS-INF2-030921
Lab Sample ID: 410-31799-3
Date Collected: 03/09/21 10:22
Matrix: Water
Date Received: 03/10/21 11:29

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 14:50	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/15/21 14:50	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 14:50	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/15/21 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/15/21 14:50*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*03/15/21 14:50*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/15/21 14:50*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*03/15/21 14:50*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	**0.018**	**J**	0.029	0.019	0.0096	ug/L		03/12/21 09:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*123*		*46 - 136*	*03/11/21 20:35*	*03/12/21 09:20*	*1*
1,1,2,2-Tetrachloroethane (2C)	*117*		*46 - 136*	*03/11/21 20:35*	*03/12/21 09:20*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/11/21 13:01	1
Manganese	**0.036**		0.010	0.0052	0.0031	mg/L		03/11/21 13:01	1

Client Sample ID: GWTS-TB01-030921
Lab Sample ID: 410-31799-4
Date Collected: 03/09/21 10:26
Matrix: Water
Date Received: 03/10/21 11:29

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 11:09	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/15/21 11:09	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 11:09	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/15/21 11:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*03/15/21 11:09*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/15/21 11:09*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/15/21 11:09*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*03/15/21 11:09*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		03/12/21 09:37	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-31799-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-TB01-030921
Lab Sample ID: 410-31799-4
Date Collected: 03/09/21 10:26
Matrix: Water
Date Received: 03/10/21 11:29

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	112		46 - 136	03/11/21 20:35	03/12/21 09:37	1
1,1,2,2-Tetrachloroethane (2C)	111		46 - 136	03/11/21 20:35	03/12/21 09:37	1

Surrogate Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31799-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(81-118)	(85-114)	(80-119)	(89-112)
410-31799-1	GWTS-EFF2-030921	102	97	98	99
410-31799-1 MS	GWTS-EFF2-030921	101	97	97	101
410-31799-1 MSD	GWTS-EFF2-030921	101	97	97	100
410-31799-2	GWTS-GAC2-030921	103	97	98	100
410-31799-3	GWTS-INF2-030921	102	97	97	100
410-31799-4	GWTS-TB01-030921	103	96	97	101
LCS 410-103096/5	Lab Control Sample	101	98	96	101
MB 410-103096/7	Method Blank	101	96	97	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(46-136)	(46-136)
410-31799-1	GWTS-EFF2-030921	113	106
410-31799-1 MS	GWTS-EFF2-030921	104	98
410-31799-1 MSD	GWTS-EFF2-030921	109	100
410-31799-2	GWTS-GAC2-030921	118	106
410-31799-3	GWTS-INF2-030921	123	117
410-31799-4	GWTS-TB01-030921	112	111
LCS 410-102390/2-A	Lab Control Sample	106	102
LCSD 410-102390/3-A	Lab Control Sample Dup	108	103
MB 410-102390/1-A	Method Blank	107	104

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31799-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-103096/7
Matrix: Water
Analysis Batch: 103096

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 10:05	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/15/21 10:05	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 10:05	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/15/21 10:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*03/15/21 10:05*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/15/21 10:05*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/15/21 10:05*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*03/15/21 10:05*	*1*

Lab Sample ID: LCS 410-103096/5
Matrix: Water
Analysis Batch: 103096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	17.2		ug/L		86	42 - 138
Ethylbenzene	20.0	18.2		ug/L		91	79 - 121
Toluene	20.0	17.9		ug/L		90	80 - 121
Xylenes, Total	60.0	55.2		ug/L		92	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*
Dibromofluoromethane (Surr)	*96*		*80 - 119*
Toluene-d8 (Surr)	*101*		*89 - 112*

Lab Sample ID: 410-31799-1 MS
Matrix: Water
Analysis Batch: 103096

Client Sample ID: GWTS-EFF2-030921
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.50	U	20.0	19.4		ug/L		97	42 - 138
Ethylbenzene	0.80	U	20.0	20.5		ug/L		102	79 - 121
Toluene	0.50	U	20.0	19.9		ug/L		100	80 - 121
Xylenes, Total	2.8	U	60.0	62.1		ug/L		104	79 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*
Dibromofluoromethane (Surr)	*97*		*80 - 119*
Toluene-d8 (Surr)	*101*		*89 - 112*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31799-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-31799-1 MSD
Matrix: Water
Analysis Batch: 103096

Client Sample ID: GWTS-EFF2-030921
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.50	U	20.0	19.0		ug/L		95	42 - 138	2	20
Ethylbenzene	0.80	U	20.0	20.1		ug/L		100	79 - 121	2	20
Toluene	0.50	U	20.0	19.6		ug/L		98	80 - 121	2	20
Xylenes, Total	2.8	U	60.0	60.8		ug/L		101	79 - 121	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*
Dibromofluoromethane (Surr)	*97*		*80 - 119*
Toluene-d8 (Surr)	*100*		*89 - 112*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-102390/1-A
Matrix: Water
Analysis Batch: 102493

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102390

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		03/12/21 07:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*107*		*46 - 136*	*03/11/21 20:35*	*03/12/21 07:21*	*1*
1,1,2,2-Tetrachloroethane (2C)	*104*		*46 - 136*	*03/11/21 20:35*	*03/12/21 07:21*	*1*

Lab Sample ID: LCS 410-102390/2-A
Matrix: Water
Analysis Batch: 102493

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102390

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide (1C)			0.128	0.139		ug/L		109	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*106*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*102*		*46 - 136*

Lab Sample ID: LCSD 410-102390/3-A
Matrix: Water
Analysis Batch: 102493

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102390

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.144		ug/L		113	60 - 140	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*108*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*103*		*46 - 136*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31799-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: 410-31799-1 MS
Matrix: Water
Analysis Batch: 102493

Client Sample ID: GWTS-EFF2-030921
Prep Type: Total/NA
Prep Batch: 102390

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.019	U	0.123	0.130		ug/L		105	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*104*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*98*		*46 - 136*

Lab Sample ID: 410-31799-1 MSD
Matrix: Water
Analysis Batch: 102493

Client Sample ID: GWTS-EFF2-030921
Prep Type: Total/NA
Prep Batch: 102390

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)	0.019	U	0.124	0.134		ug/L		108	60 - 140	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*109*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*100*		*46 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-101921/1-A
Matrix: Water
Analysis Batch: 102244

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101921

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/11/21 12:36	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/11/21 12:36	1

Lab Sample ID: LCS 410-101921/2-A
Matrix: Water
Analysis Batch: 102244

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.400	0.428		mg/L		107	87 - 115
Manganese	0.0200	0.0199		mg/L		100	90 - 114

Lab Sample ID: 410-31799-1 MS
Matrix: Water
Analysis Batch: 102244

Client Sample ID: GWTS-EFF2-030921
Prep Type: Dissolved
Prep Batch: 101921

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.10	U	0.400	0.456		mg/L		114	87 - 115
Manganese	0.0059	J	0.0200	0.0256		mg/L		99	90 - 114

Lab Sample ID: 410-31799-1 MSD
Matrix: Water
Analysis Batch: 102244

Client Sample ID: GWTS-EFF2-030921
Prep Type: Dissolved
Prep Batch: 101921

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	0.10	U	0.400	0.445		mg/L		111	87 - 115	2	20

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31799-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 410-31799-1 MSD
Matrix: Water
Analysis Batch: 102244

Client Sample ID: GWTS-EFF2-030921
Prep Type: Dissolved
Prep Batch: 101921

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Manganese	0.0059	J	0.0200	0.0280		mg/L		110	90 - 114	9	20

Lab Sample ID: 410-31799-1 DU
Matrix: Water
Analysis Batch: 102244

Client Sample ID: GWTS-EFF2-030921
Prep Type: Dissolved
Prep Batch: 101921

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Iron	0.10	U		0.10	U	mg/L				NC	20
Manganese	0.0059	J		0.00577	J	mg/L				2	20

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31799-1

GC/MS VOA

Analysis Batch: 103096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31799-1	GWTS-EFF2-030921	Total/NA	Water	8260C DOD	
410-31799-2	GWTS-GAC2-030921	Total/NA	Water	8260C DOD	
410-31799-3	GWTS-INF2-030921	Total/NA	Water	8260C DOD	
410-31799-4	GWTS-TB01-030921	Total/NA	Water	8260C DOD	
MB 410-103096/7	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-103096/5	Lab Control Sample	Total/NA	Water	8260C DOD	
410-31799-1 MS	GWTS-EFF2-030921	Total/NA	Water	8260C DOD	
410-31799-1 MSD	GWTS-EFF2-030921	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 102390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31799-1	GWTS-EFF2-030921	Total/NA	Water	8011	
410-31799-2	GWTS-GAC2-030921	Total/NA	Water	8011	
410-31799-3	GWTS-INF2-030921	Total/NA	Water	8011	
410-31799-4	GWTS-TB01-030921	Total/NA	Water	8011	
MB 410-102390/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-102390/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-102390/3-A	Lab Control Sample Dup	Total/NA	Water	8011	
410-31799-1 MS	GWTS-EFF2-030921	Total/NA	Water	8011	
410-31799-1 MSD	GWTS-EFF2-030921	Total/NA	Water	8011	

Analysis Batch: 102493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31799-1	GWTS-EFF2-030921	Total/NA	Water	8011	102390
410-31799-2	GWTS-GAC2-030921	Total/NA	Water	8011	102390
410-31799-3	GWTS-INF2-030921	Total/NA	Water	8011	102390
410-31799-4	GWTS-TB01-030921	Total/NA	Water	8011	102390
MB 410-102390/1-A	Method Blank	Total/NA	Water	8011	102390
LCS 410-102390/2-A	Lab Control Sample	Total/NA	Water	8011	102390
LCSD 410-102390/3-A	Lab Control Sample Dup	Total/NA	Water	8011	102390
410-31799-1 MS	GWTS-EFF2-030921	Total/NA	Water	8011	102390
410-31799-1 MSD	GWTS-EFF2-030921	Total/NA	Water	8011	102390

Metals

Prep Batch: 101921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31799-1	GWTS-EFF2-030921	Dissolved	Water	Non-Digest Prep	
410-31799-2	GWTS-GAC2-030921	Dissolved	Water	Non-Digest Prep	
410-31799-3	GWTS-INF2-030921	Dissolved	Water	Non-Digest Prep	
MB 410-101921/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-101921/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	
410-31799-1 MS	GWTS-EFF2-030921	Dissolved	Water	Non-Digest Prep	
410-31799-1 MSD	GWTS-EFF2-030921	Dissolved	Water	Non-Digest Prep	
410-31799-1 DU	GWTS-EFF2-030921	Dissolved	Water	Non-Digest Prep	

Analysis Batch: 102244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31799-1	GWTS-EFF2-030921	Dissolved	Water	6010C	101921
410-31799-2	GWTS-GAC2-030921	Dissolved	Water	6010C	101921

QC Association Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31799-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Metals (Continued)

Analysis Batch: 102244 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-31799-3	GWTS-INF2-030921	Dissolved	Water	6010C	101921
MB 410-101921/1-A	Method Blank	Total/NA	Water	6010C	101921
LCS 410-101921/2-A	Lab Control Sample	Total/NA	Water	6010C	101921
410-31799-1 MS	GWTS-EFF2-030921	Dissolved	Water	6010C	101921
410-31799-1 MSD	GWTS-EFF2-030921	Dissolved	Water	6010C	101921
410-31799-1 DU	GWTS-EFF2-030921	Dissolved	Water	6010C	101921

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31799-1

Client Sample ID: GWTS-EFF2-030921
Lab Sample ID: 410-31799-1
Date Collected: 03/09/21 09:53
Matrix: Water
Date Received: 03/10/21 11:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	103096	03/15/21 12:29	K4WN	ELLE
Total/NA	Prep	8011			102390	03/11/21 20:35	K2IL	ELLE
Total/NA	Analysis	8011		1	102493	03/12/21 08:46	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			101921	03/11/21 04:11	UJL8	ELLE
Dissolved	Analysis	6010C		1	102244	03/11/21 14:00	MDP5	ELLE

Client Sample ID: GWTS-GAC2-030921
Lab Sample ID: 410-31799-2
Date Collected: 03/09/21 10:13
Matrix: Water
Date Received: 03/10/21 11:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	103096	03/15/21 14:30	K4WN	ELLE
Total/NA	Prep	8011			102390	03/11/21 20:35	K2IL	ELLE
Total/NA	Analysis	8011		1	102493	03/12/21 09:03	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			101921	03/11/21 04:11	UJL8	ELLE
Dissolved	Analysis	6010C		1	102244	03/11/21 13:04	MDP5	ELLE

Client Sample ID: GWTS-INF2-030921
Lab Sample ID: 410-31799-3
Date Collected: 03/09/21 10:22
Matrix: Water
Date Received: 03/10/21 11:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	103096	03/15/21 14:50	K4WN	ELLE
Total/NA	Prep	8011			102390	03/11/21 20:35	K2IL	ELLE
Total/NA	Analysis	8011		1	102493	03/12/21 09:20	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			101921	03/11/21 04:11	UJL8	ELLE
Dissolved	Analysis	6010C		1	102244	03/11/21 13:01	MDP5	ELLE

Client Sample ID: GWTS-TB01-030921
Lab Sample ID: 410-31799-4
Date Collected: 03/09/21 10:26
Matrix: Water
Date Received: 03/10/21 11:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	103096	03/15/21 11:09	K4WN	ELLE
Total/NA	Prep	8011			102390	03/11/21 20:35	K2IL	ELLE
Total/NA	Analysis	8011		1	102493	03/12/21 09:37	UAMZ	ELLE

Laboratory References:
ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31799-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	11-30-22

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-31799-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
6010C	Metals (ICP)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-31799-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-31799-1	GWTS-EFF2-030921	Water	03/09/21 09:53	03/10/21 11:29	
410-31799-2	GWTS-GAC2-030921	Water	03/09/21 10:13	03/10/21 11:29	
410-31799-3	GWTS-INF2-030921	Water	03/09/21 10:22	03/10/21 11:29	
410-31799-4	GWTS-TB01-030921	Water	03/09/21 10:26	03/10/21 11:29	

410-31799 Chain of Custody

TURN AROUND TIME 5 DAYS

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-030921

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
PROJECT SITE AND PHASE: ST106/SS111

LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
LAB PO NUMBER: 21295

FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA
Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188

YEAR: 2021
QUARTER: Q1

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-030921	03/09/21	0953	18	--	9	--	6	--	3*	--	--	--	--	--	Additional Volume Provided for MSMSD
2	GWTS-GAC2-030921	03/09/21	1013	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-030921	03/09/21	1022	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-030921	03/09/21	1020	4	--	~~3~~ 2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): JOSH LIVINGSTON
COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1462

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
JOSH LIVINGSTON	3/9/21	1330			
			Nicole Reitt	3/10/21	1129

TMR

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-31799-1

Login Number: 31799
List Number: 1
Creator: Hollinger, Zane T

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-32032-1
Client Project/Site: Kirtland AFB Bulk Fuels Facility

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Authorized for release by:
3/17/2021 4:45:04 PM
Stephen Gordon, Senior Project Manager
(412)525-0071
Stephen.Gordon@eurofinset.com

Designee for

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Stephen Gordon
Senior Project Manager
3/17/2021 4:45:04 PM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory Job ID: 410-32032-1

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-32032-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-32032-1

Job ID: 410-32032-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-32032-1

Receipt
The samples were received on 3/11/2021 10:32 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-32032-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-031021 — Lab Sample ID: 410-32032-1

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.0044	J	0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-GAC2-031021 — Lab Sample ID: 410-32032-2

No Detections.

Client Sample ID: GWTS-INF2-031021 — Lab Sample ID: 410-32032-3

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.037		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-TB01-031021 — Lab Sample ID: 410-32032-4

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-32032-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-031021
Lab Sample ID: 410-32032-1
Date Collected: 03/10/21 11:04
Matrix: Water
Date Received: 03/11/21 10:32

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 15:10	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/15/21 15:10	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 15:10	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/15/21 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*03/15/21 15:10*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/15/21 15:10*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 119*		*03/15/21 15:10*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*03/15/21 15:10*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		03/15/21 08:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*87*		*46 - 136*	*03/13/21 08:05*	*03/15/21 08:58*	*1*
1,1,2,2-Tetrachloroethane (2C)	*87*		*46 - 136*	*03/13/21 08:05*	*03/15/21 08:58*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/16/21 18:41	1
Manganese	**0.0044**	**J**	0.010	0.0052	0.0031	mg/L		03/16/21 18:41	1

Client Sample ID: GWTS-GAC2-031021
Lab Sample ID: 410-32032-2
Date Collected: 03/10/21 11:14
Matrix: Water
Date Received: 03/11/21 10:32

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 15:30	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/15/21 15:30	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 15:30	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/15/21 15:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/15/21 15:30*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*03/15/21 15:30*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/15/21 15:30*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*03/15/21 15:30*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0095	ug/L		03/15/21 09:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*97*		*46 - 136*	*03/13/21 08:05*	*03/15/21 09:14*	*1*
1,1,2,2-Tetrachloroethane (2C)	*88*		*46 - 136*	*03/13/21 08:05*	*03/15/21 09:14*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/16/21 18:35	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-32032-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-GAC2-031021
Lab Sample ID: 410-32032-2
Date Collected: 03/10/21 11:14
Matrix: Water
Date Received: 03/11/21 10:32

Method: 6010C - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/16/21 18:35	1

Client Sample ID: GWTS-INF2-031021
Lab Sample ID: 410-32032-3
Date Collected: 03/10/21 11:22
Matrix: Water
Date Received: 03/11/21 10:32

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 15:50	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/15/21 15:50	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 15:50	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/15/21 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*03/15/21 15:50*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*03/15/21 15:50*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 119*		*03/15/21 15:50*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*03/15/21 15:50*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.029	0.020	0.0098	ug/L		03/15/21 09:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*93*		*46 - 136*	*03/13/21 08:05*	*03/15/21 09:31*	*1*
1,1,2,2-Tetrachloroethane (2C)	*92*		*46 - 136*	*03/13/21 08:05*	*03/15/21 09:31*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/16/21 18:38	1
Manganese	**0.037**		0.010	0.0052	0.0031	mg/L		03/16/21 18:38	1

Client Sample ID: GWTS-TB01-031021
Lab Sample ID: 410-32032-4
Date Collected: 03/10/21 11:30
Matrix: Water
Date Received: 03/11/21 10:32

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 11:29	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/15/21 11:29	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 11:29	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/15/21 11:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*03/15/21 11:29*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/15/21 11:29*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 119*		*03/15/21 11:29*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*03/15/21 11:29*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/15/21 09:48	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-32032-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-TB01-031021
Lab Sample ID: 410-32032-4
Date Collected: 03/10/21 11:30
Matrix: Water
Date Received: 03/11/21 10:32

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	84		46 - 136	03/13/21 08:05	03/15/21 09:48	1
1,1,2,2-Tetrachloroethane (2C)	89		46 - 136	03/13/21 08:05	03/15/21 09:48	1

Surrogate Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-32032-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(81-118)	(85-114)	(80-119)	(89-112)
410-32032-1	GWTS-EFF2-031021	101	96	98	100
410-32032-2	GWTS-GAC2-031021	102	97	97	101
410-32032-3	GWTS-INF2-031021	103	97	98	100
410-32032-4	GWTS-TB01-031021	103	96	98	100
LCS 410-103096/5	Lab Control Sample	101	98	96	101
MB 410-103096/7	Method Blank	101	96	97	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(46-136)	(46-136)
410-32032-1	GWTS-EFF2-031021	87	87
410-32032-2	GWTS-GAC2-031021	97	88
410-32032-3	GWTS-INF2-031021	93	92
410-32032-4	GWTS-TB01-031021	84	89
LCS 410-102895/2-A	Lab Control Sample	88	88
LCSD 410-102895/3-A	Lab Control Sample Dup	89	91
MB 410-102895/1-A	Method Blank	92	90

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-32032-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-103096/7
Matrix: Water
Analysis Batch: 103096

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 10:05	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/15/21 10:05	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/15/21 10:05	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/15/21 10:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*03/15/21 10:05*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/15/21 10:05*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 119*		*03/15/21 10:05*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*03/15/21 10:05*	*1*

Lab Sample ID: LCS 410-103096/5
Matrix: Water
Analysis Batch: 103096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	17.2		ug/L		86	42 - 138
Ethylbenzene	20.0	18.2		ug/L		91	79 - 121
Toluene	20.0	17.9		ug/L		90	80 - 121
Xylenes, Total	60.0	55.2		ug/L		92	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*
Dibromofluoromethane (Surr)	*96*		*80 - 119*
Toluene-d8 (Surr)	*101*		*89 - 112*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-102895/1-A
Matrix: Water
Analysis Batch: 103126

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102895

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		03/15/21 08:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*92*		*46 - 136*	*03/13/21 08:05*	*03/15/21 08:08*	*1*
1,1,2,2-Tetrachloroethane (2C)	*90*		*46 - 136*	*03/13/21 08:05*	*03/15/21 08:08*	*1*

Lab Sample ID: LCS 410-102895/2-A
Matrix: Water
Analysis Batch: 103126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102895

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.128	0.136		ug/L		107	60 - 140

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-32032-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 410-102895/2-A
Matrix: Water
Analysis Batch: 103126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102895

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*88*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*88*		*46 - 136*

Lab Sample ID: LCSD 410-102895/3-A
Matrix: Water
Analysis Batch: 103126

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102895

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.135		ug/L		105	60 - 140	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*89*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*91*		*46 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-102584/1-A
Matrix: Water
Analysis Batch: 103890

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102584

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/16/21 17:39	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/16/21 17:39	1

Lab Sample ID: LCS 410-102584/2-A
Matrix: Water
Analysis Batch: 103890

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102584

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Iron			0.400	0.390		mg/L		97	87 - 115		
Manganese			0.0200	0.0205		mg/L		102	90 - 114		

Lab Sample ID: LCSD 410-102584/3-A
Matrix: Water
Analysis Batch: 103890

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102584

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron			0.400	0.388		mg/L		97	87 - 115	1	20
Manganese			0.0200	0.0200		mg/L		100	90 - 114	2	20

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-32032-1

GC/MS VOA

Analysis Batch: 103096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-32032-1	GWTS-EFF2-031021	Total/NA	Water	8260C DOD	
410-32032-2	GWTS-GAC2-031021	Total/NA	Water	8260C DOD	
410-32032-3	GWTS-INF2-031021	Total/NA	Water	8260C DOD	
410-32032-4	GWTS-TB01-031021	Total/NA	Water	8260C DOD	
MB 410-103096/7	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-103096/5	Lab Control Sample	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 102895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-32032-1	GWTS-EFF2-031021	Total/NA	Water	8011	
410-32032-2	GWTS-GAC2-031021	Total/NA	Water	8011	
410-32032-3	GWTS-INF2-031021	Total/NA	Water	8011	
410-32032-4	GWTS-TB01-031021	Total/NA	Water	8011	
MB 410-102895/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-102895/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-102895/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 103126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-32032-1	GWTS-EFF2-031021	Total/NA	Water	8011	102895
410-32032-2	GWTS-GAC2-031021	Total/NA	Water	8011	102895
410-32032-3	GWTS-INF2-031021	Total/NA	Water	8011	102895
410-32032-4	GWTS-TB01-031021	Total/NA	Water	8011	102895
MB 410-102895/1-A	Method Blank	Total/NA	Water	8011	102895
LCS 410-102895/2-A	Lab Control Sample	Total/NA	Water	8011	102895
LCSD 410-102895/3-A	Lab Control Sample Dup	Total/NA	Water	8011	102895

Metals

Prep Batch: 102584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-32032-1	GWTS-EFF2-031021	Dissolved	Water	Non-Digest Prep	
410-32032-2	GWTS-GAC2-031021	Dissolved	Water	Non-Digest Prep	
410-32032-3	GWTS-INF2-031021	Dissolved	Water	Non-Digest Prep	
MB 410-102584/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-102584/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	
LCSD 410-102584/3-A	Lab Control Sample Dup	Total/NA	Water	Non-Digest Prep	

Analysis Batch: 103890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-32032-1	GWTS-EFF2-031021	Dissolved	Water	6010C	102584
410-32032-2	GWTS-GAC2-031021	Dissolved	Water	6010C	102584
410-32032-3	GWTS-INF2-031021	Dissolved	Water	6010C	102584
MB 410-102584/1-A	Method Blank	Total/NA	Water	6010C	102584
LCS 410-102584/2-A	Lab Control Sample	Total/NA	Water	6010C	102584
LCSD 410-102584/3-A	Lab Control Sample Dup	Total/NA	Water	6010C	102584

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-32032-1

Client Sample ID: GWTS-EFF2-031021
Lab Sample ID: 410-32032-1
Date Collected: 03/10/21 11:04
Matrix: Water
Date Received: 03/11/21 10:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	103096	03/15/21 15:10	K4WN	ELLE
Total/NA	Prep	8011			102895	03/13/21 08:05	UKQ8	ELLE
Total/NA	Analysis	8011		1	103126	03/15/21 08:58	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			102584	03/12/21 09:14	UPJE	ELLE
Dissolved	Analysis	6010C		1	103890	03/16/21 18:41	ULJC	ELLE

Client Sample ID: GWTS-GAC2-031021
Lab Sample ID: 410-32032-2
Date Collected: 03/10/21 11:14
Matrix: Water
Date Received: 03/11/21 10:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	103096	03/15/21 15:30	K4WN	ELLE
Total/NA	Prep	8011			102895	03/13/21 08:05	UKQ8	ELLE
Total/NA	Analysis	8011		1	103126	03/15/21 09:14	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			102584	03/12/21 09:14	UPJE	ELLE
Dissolved	Analysis	6010C		1	103890	03/16/21 18:35	ULJC	ELLE

Client Sample ID: GWTS-INF2-031021
Lab Sample ID: 410-32032-3
Date Collected: 03/10/21 11:22
Matrix: Water
Date Received: 03/11/21 10:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	103096	03/15/21 15:50	K4WN	ELLE
Total/NA	Prep	8011			102895	03/13/21 08:05	UKQ8	ELLE
Total/NA	Analysis	8011		1	103126	03/15/21 09:31	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			102584	03/12/21 09:14	UPJE	ELLE
Dissolved	Analysis	6010C		1	103890	03/16/21 18:38	ULJC	ELLE

Client Sample ID: GWTS-TB01-031021
Lab Sample ID: 410-32032-4
Date Collected: 03/10/21 11:30
Matrix: Water
Date Received: 03/11/21 10:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	103096	03/15/21 11:29	K4WN	ELLE
Total/NA	Prep	8011			102895	03/13/21 08:05	UKQ8	ELLE
Total/NA	Analysis	8011		1	103126	03/15/21 09:48	UAMZ	ELLE

Laboratory References:
ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-32032-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	11-30-22

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-32032-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
6010C	Metals (ICP)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-32032-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-32032-1	GWTS-EFF2-031021	Water	03/10/21 11:04	03/11/21 10:32	
410-32032-2	GWTS-GAC2-031021	Water	03/10/21 11:14	03/11/21 10:32	
410-32032-3	GWTS-INF2-031021	Water	03/10/21 11:22	03/11/21 10:32	
410-32032-4	GWTS-TB01-031021	Water	03/10/21 11:30	03/11/21 10:32	

410-32032 Chain of Custody

TURN AROUND TIME 5 DAYS

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-031021

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-031021	03/10/21	1104	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-GAC2-031021	03/10/21	1114	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-031021	03/10/21	1122	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-031021	03/10/21	1130	4	--	2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): JOSH CLINGERMAN
COURIER AND SHIPPING NUMBER: Fedex: 8155 2830 1473

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
JOSH CLINGERMAN	3/10/21	1300			
			Wesley Miller	3/11/21	1032

Page 18 of 19

3/17/2021

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-32032-1

Login Number: 32032
List Number: 1
Creator: Rivera, Tatiana

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-32785-1
Client Project/Site: Kirtland AFB Bulk Fuels Facility

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
3/25/2021 3:42:57 PM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS
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Have a Question? Ask The Expert
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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy

Darlene Bandy
Project Manager I
3/25/2021 3:42:57 PM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory Job ID: 410-32785-1

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-32785-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
FH	MS and/or MSD recovery above control limits.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-32785-1

Job ID: 410-32785-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-32785-1

Receipt
The samples were received on 3/18/2021 10:54 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -0.1°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-32785-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-031721 — Lab Sample ID: 410-32785-1

No Detections.

Client Sample ID: GWTS-EFF2DUP-031721 — Lab Sample ID: 410-32785-2

No Detections.

Client Sample ID: GWTS-GAC2-031721 — Lab Sample ID: 410-32785-3

No Detections.

Client Sample ID: GWTS-INF2-031721 — Lab Sample ID: 410-32785-4

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.035		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-TB01-031721 — Lab Sample ID: 410-32785-5

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-32785-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-031721
Lab Sample ID: 410-32785-1
Date Collected: 03/17/21 12:25
Matrix: Water
Date Received: 03/18/21 10:54

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/22/21 15:37	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/22/21 15:37	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/22/21 15:37	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/22/21 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*03/22/21 15:37*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*03/22/21 15:37*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 119*		*03/22/21 15:37*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*03/22/21 15:37*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		03/23/21 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*79*		*46 - 136*	*03/23/21 16:55*	*03/23/21 19:44*	*1*
1,1,2,2-Tetrachloroethane (2C)	*92*		*46 - 136*	*03/23/21 16:55*	*03/23/21 19:44*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/23/21 12:09	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/23/21 12:09	1

Client Sample ID: GWTS-EFF2DUP-031721
Lab Sample ID: 410-32785-2
Date Collected: 03/17/21 12:25
Matrix: Water
Date Received: 03/18/21 10:54

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/22/21 16:00	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/22/21 16:00	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/22/21 16:00	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/22/21 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*03/22/21 16:00*	*1*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*		*03/22/21 16:00*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 119*		*03/22/21 16:00*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*03/22/21 16:00*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/23/21 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*79*		*46 - 136*	*03/23/21 16:55*	*03/23/21 20:01*	*1*
1,1,2,2-Tetrachloroethane (2C)	*90*		*46 - 136*	*03/23/21 16:55*	*03/23/21 20:01*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/23/21 12:22	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-32785-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2DUP-031721
Lab Sample ID: 410-32785-2
Date Collected: 03/17/21 12:25
Matrix: Water
Date Received: 03/18/21 10:54

Method: 6010C - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/23/21 12:22	1

Client Sample ID: GWTS-GAC2-031721
Lab Sample ID: 410-32785-3
Date Collected: 03/17/21 12:45
Matrix: Water
Date Received: 03/18/21 10:54

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/22/21 16:21	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/22/21 16:21	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/22/21 16:21	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/22/21 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*03/22/21 16:21*	*1*
4-Bromofluorobenzene (Surr)	*99*		*85 - 114*		*03/22/21 16:21*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 119*		*03/22/21 16:21*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*03/22/21 16:21*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U FH	0.029	0.019	0.0096	ug/L		03/23/21 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*84*		*46 - 136*	*03/23/21 16:55*	*03/23/21 20:18*	*1*
1,1,2,2-Tetrachloroethane (2C)	*98*		*46 - 136*	*03/23/21 16:55*	*03/23/21 20:18*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/23/21 12:19	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/23/21 12:19	1

Client Sample ID: GWTS-INF2-031721
Lab Sample ID: 410-32785-4
Date Collected: 03/17/21 12:55
Matrix: Water
Date Received: 03/18/21 10:54

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/22/21 16:43	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/22/21 16:43	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/22/21 16:43	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/22/21 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*81 - 118*		*03/22/21 16:43*	*1*
4-Bromofluorobenzene (Surr)	*99*		*85 - 114*		*03/22/21 16:43*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 119*		*03/22/21 16:43*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*03/22/21 16:43*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/23/21 20:51	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-32785-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-INF2-031721
Lab Sample ID: 410-32785-4
Date Collected: 03/17/21 12:55
Matrix: Water
Date Received: 03/18/21 10:54

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*78*		*46 - 136*	*03/23/21 16:55*	*03/23/21 20:51*	*1*
1,1,2,2-Tetrachloroethane (2C)	*90*		*46 - 136*	*03/23/21 16:55*	*03/23/21 20:51*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/23/21 12:06	1
Manganese	**0.035**		0.010	0.0052	0.0031	mg/L		03/23/21 12:06	1

Client Sample ID: GWTS-TB01-031721
Lab Sample ID: 410-32785-5
Date Collected: 03/17/21 13:05
Matrix: Water
Date Received: 03/18/21 10:54

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/22/21 13:48	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/22/21 13:48	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/22/21 13:48	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/22/21 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*81 - 118*		*03/22/21 13:48*	*1*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*		*03/22/21 13:48*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 119*		*03/22/21 13:48*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*03/22/21 13:48*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/23/21 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*86*		*46 - 136*	*03/23/21 16:55*	*03/23/21 21:08*	*1*
1,1,2,2-Tetrachloroethane (2C)	*99*		*46 - 136*	*03/23/21 16:55*	*03/23/21 21:08*	*1*

Surrogate Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-32785-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(81-118)	(85-114)	(80-119)	(89-112)
410-32785-1	GWTS-EFF2-031721	103	97	95	100
410-32785-2	GWTS-EFF2DUP-031721	103	98	95	100
410-32785-3	GWTS-GAC2-031721	104	99	95	101
410-32785-4	GWTS-INF2-031721	104	99	94	101
410-32785-5	GWTS-TB01-031721	105	98	95	100
LCS 410-105548/5	Lab Control Sample	101	101	92	102
LCSD 410-105548/7	Lab Control Sample Dup	102	101	93	102
MB 410-105548/9	Method Blank	106	99	95	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(46-136)	(46-136)
410-32785-1	GWTS-EFF2-031721	79	92
410-32785-2	GWTS-EFF2DUP-031721	79	90
410-32785-3	GWTS-GAC2-031721	84	98
410-32785-3 MS	GWTS-GAC2-031721	108	109
410-32785-4	GWTS-INF2-031721	78	90
410-32785-5	GWTS-TB01-031721	86	99
LCS 410-106255/2-A	Lab Control Sample	82	90
LCSD 410-106255/3-A	Lab Control Sample Dup	83	95
MB 410-106255/1-A	Method Blank	94	102

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-32785-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-105548/9
Matrix: Water
Analysis Batch: 105548

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/22/21 11:30	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/22/21 11:30	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/22/21 11:30	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/22/21 11:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*81 - 118*		*03/22/21 11:30*	*1*
4-Bromofluorobenzene (Surr)	*99*		*85 - 114*		*03/22/21 11:30*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 119*		*03/22/21 11:30*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*03/22/21 11:30*	*1*

Lab Sample ID: LCS 410-105548/5
Matrix: Water
Analysis Batch: 105548

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			20.0	22.7		ug/L		114	42 - 138		
Ethylbenzene			20.0	21.5		ug/L		107	79 - 121		
Toluene			20.0	21.8		ug/L		109	80 - 121		
Xylenes, Total			60.0	60.2		ug/L		100	79 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*
4-Bromofluorobenzene (Surr)	*101*		*85 - 114*
Dibromofluoromethane (Surr)	*92*		*80 - 119*
Toluene-d8 (Surr)	*102*		*89 - 112*

Lab Sample ID: LCSD 410-105548/7
Matrix: Water
Analysis Batch: 105548

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			20.0	23.2		ug/L		116	42 - 138	2	20
Ethylbenzene			20.0	21.9		ug/L		109	79 - 121	2	20
Toluene			20.0	21.9		ug/L		110	80 - 121	1	20
Xylenes, Total			60.0	62.0		ug/L		103	79 - 121	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*
4-Bromofluorobenzene (Surr)	*101*		*85 - 114*
Dibromofluoromethane (Surr)	*93*		*80 - 119*
Toluene-d8 (Surr)	*102*		*89 - 112*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-32785-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-106255/1-A
Matrix: Water
Analysis Batch: 106363

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 106255

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		03/23/21 18:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*94*		*46 - 136*	*03/23/21 16:55*	*03/23/21 18:38*	*1*
1,1,2,2-Tetrachloroethane (2C)	*102*		*46 - 136*	*03/23/21 16:55*	*03/23/21 18:38*	*1*

Lab Sample ID: LCS 410-106255/2-A
Matrix: Water
Analysis Batch: 106363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106255

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.128	0.158		ug/L		123	60 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*82*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*90*		*46 - 136*

Lab Sample ID: LCSD 410-106255/3-A
Matrix: Water
Analysis Batch: 106363

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 106255

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)	0.128	0.162		ug/L		126	60 - 140	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*83*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*95*		*46 - 136*

Lab Sample ID: 410-32785-3 MS
Matrix: Water
Analysis Batch: 106363

Client Sample ID: GWTS-GAC2-031721
Prep Type: Total/NA
Prep Batch: 106255

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.019	U FH	0.122	0.179	FH	ug/L		146	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*108*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*109*		*46 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-104825/1-A
Matrix: Water
Analysis Batch: 106160

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 104825

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/23/21 11:41	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/23/21 11:41	1

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-32785-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method: 6010C - Metals (ICP)

Lab Sample ID: LCS 410-104825/2-A
Matrix: Water
Analysis Batch: 106160

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 104825

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.400	0.413		mg/L		103	87 - 115
Manganese	0.0200	0.0206		mg/L		103	90 - 114

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-32785-1

GC/MS VOA

Analysis Batch: 105548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-32785-1	GWTS-EFF2-031721	Total/NA	Water	8260C DOD	
410-32785-2	GWTS-EFF2DUP-031721	Total/NA	Water	8260C DOD	
410-32785-3	GWTS-GAC2-031721	Total/NA	Water	8260C DOD	
410-32785-4	GWTS-INF2-031721	Total/NA	Water	8260C DOD	
410-32785-5	GWTS-TB01-031721	Total/NA	Water	8260C DOD	
MB 410-105548/9	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-105548/5	Lab Control Sample	Total/NA	Water	8260C DOD	
LCSD 410-105548/7	Lab Control Sample Dup	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 106255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-32785-1	GWTS-EFF2-031721	Total/NA	Water	8011	
410-32785-2	GWTS-EFF2DUP-031721	Total/NA	Water	8011	
410-32785-3	GWTS-GAC2-031721	Total/NA	Water	8011	
410-32785-4	GWTS-INF2-031721	Total/NA	Water	8011	
410-32785-5	GWTS-TB01-031721	Total/NA	Water	8011	
MB 410-106255/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-106255/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-106255/3-A	Lab Control Sample Dup	Total/NA	Water	8011	
410-32785-3 MS	GWTS-GAC2-031721	Total/NA	Water	8011	

Analysis Batch: 106363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-32785-1	GWTS-EFF2-031721	Total/NA	Water	8011	106255
410-32785-2	GWTS-EFF2DUP-031721	Total/NA	Water	8011	106255
410-32785-3	GWTS-GAC2-031721	Total/NA	Water	8011	106255
410-32785-4	GWTS-INF2-031721	Total/NA	Water	8011	106255
410-32785-5	GWTS-TB01-031721	Total/NA	Water	8011	106255
MB 410-106255/1-A	Method Blank	Total/NA	Water	8011	106255
LCS 410-106255/2-A	Lab Control Sample	Total/NA	Water	8011	106255
LCSD 410-106255/3-A	Lab Control Sample Dup	Total/NA	Water	8011	106255
410-32785-3 MS	GWTS-GAC2-031721	Total/NA	Water	8011	106255

Metals

Prep Batch: 104825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-32785-1	GWTS-EFF2-031721	Dissolved	Water	Non-Digest Prep	
410-32785-2	GWTS-EFF2DUP-031721	Dissolved	Water	Non-Digest Prep	
410-32785-3	GWTS-GAC2-031721	Dissolved	Water	Non-Digest Prep	
410-32785-4	GWTS-INF2-031721	Dissolved	Water	Non-Digest Prep	
MB 410-104825/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-104825/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	

Analysis Batch: 106160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-32785-1	GWTS-EFF2-031721	Dissolved	Water	6010C	104825
410-32785-2	GWTS-EFF2DUP-031721	Dissolved	Water	6010C	104825
410-32785-3	GWTS-GAC2-031721	Dissolved	Water	6010C	104825
410-32785-4	GWTS-INF2-031721	Dissolved	Water	6010C	104825

QC Association Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-32785-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Metals (Continued)

Analysis Batch: 106160 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-104825/1-A	Method Blank	Total/NA	Water	6010C	104825
LCS 410-104825/2-A	Lab Control Sample	Total/NA	Water	6010C	104825

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-32785-1

Client Sample ID: GWTS-EFF2-031721
Lab Sample ID: 410-32785-1
Date Collected: 03/17/21 12:25
Matrix: Water
Date Received: 03/18/21 10:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	105548	03/22/21 15:37	K4WN	ELLE
Total/NA	Prep	8011			106255	03/23/21 16:55	QQ3P	ELLE
Total/NA	Analysis	8011		1	106363	03/23/21 19:44	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			104825	03/18/21 18:10	UJLA	ELLE
Dissolved	Analysis	6010C		1	106160	03/23/21 12:09	MDP5	ELLE

Client Sample ID: GWTS-EFF2DUP-031721
Lab Sample ID: 410-32785-2
Date Collected: 03/17/21 12:25
Matrix: Water
Date Received: 03/18/21 10:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	105548	03/22/21 16:00	K4WN	ELLE
Total/NA	Prep	8011			106255	03/23/21 16:55	QQ3P	ELLE
Total/NA	Analysis	8011		1	106363	03/23/21 20:01	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			104825	03/18/21 18:10	UJLA	ELLE
Dissolved	Analysis	6010C		1	106160	03/23/21 12:22	MDP5	ELLE

Client Sample ID: GWTS-GAC2-031721
Lab Sample ID: 410-32785-3
Date Collected: 03/17/21 12:45
Matrix: Water
Date Received: 03/18/21 10:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	105548	03/22/21 16:21	K4WN	ELLE
Total/NA	Prep	8011			106255	03/23/21 16:55	QQ3P	ELLE
Total/NA	Analysis	8011		1	106363	03/23/21 20:18	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			104825	03/18/21 18:10	UJLA	ELLE
Dissolved	Analysis	6010C		1	106160	03/23/21 12:19	MDP5	ELLE

Client Sample ID: GWTS-INF2-031721
Lab Sample ID: 410-32785-4
Date Collected: 03/17/21 12:55
Matrix: Water
Date Received: 03/18/21 10:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	105548	03/22/21 16:43	K4WN	ELLE
Total/NA	Prep	8011			106255	03/23/21 16:55	QQ3P	ELLE
Total/NA	Analysis	8011		1	106363	03/23/21 20:51	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			104825	03/18/21 18:10	UJLA	ELLE
Dissolved	Analysis	6010C		1	106160	03/23/21 12:06	MDP5	ELLE

Client Sample ID: GWTS-TB01-031721
Lab Sample ID: 410-32785-5
Date Collected: 03/17/21 13:05
Matrix: Water
Date Received: 03/18/21 10:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	105548	03/22/21 13:48	K4WN	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-32785-1

Client Sample ID: GWTS-TB01-031721
Date Collected: 03/17/21 13:05
Date Received: 03/18/21 10:54

Lab Sample ID: 410-32785-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			106255	03/23/21 16:55	QQ3P	ELLE
Total/NA	Analysis	8011		1	106363	03/23/21 21:08	AC3T	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-32785-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	11-30-22

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-32785-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
6010C	Metals (ICP)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-32785-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-32785-1	GWTS-EFF2-031721	Water	03/17/21 12:25	03/18/21 10:54	
410-32785-2	GWTS-EFF2DUP-031721	Water	03/17/21 12:25	03/18/21 10:54	
410-32785-3	GWTS-GAC2-031721	Water	03/17/21 12:45	03/18/21 10:54	
410-32785-4	GWTS-INF2-031721	Water	03/17/21 12:55	03/18/21 10:54	
410-32785-5	GWTS-TB01-031721	Water	03/17/21 13:05	03/18/21 10:54	

410-32785 Chain of Custody

TURN AROUND TIME 7 DAYS

CHAIN-OF-CUSTODY RECORD

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

COC NUMBER: COC-GWTS1-031721

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q2
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 14800
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-031721	03/17/21	1225	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-EFF2DUP-031721	03/17/21	1225	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-GAC2-031721	03/17/21	1245	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-INF2-031721	03/17/21	1255	6	--	3	--	2	--	1*	--	--	--	--	--	
5	GWTS-TB01-031721	03/17/21	1305	4	--	2	--	2	--	--	--	--	--	--	--	
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): Pete Ferrari
COURIER AND SHIPPING NUMBER: Fedex: 815528301484

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
Pete Ferrari Peter Ferrari	3/17/2021	1430			
			Nicole Reitz	3/18/21	1054

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-32785-1

Login Number: 32785
List Number: 1
Creator: Rivera, Tatiana

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-33631-1
Client Project/Site: Kirtland AFB Bulk Fuels Facility

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
4/3/2021 1:33:58 PM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS

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Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy
Project Manager I
4/3/2021 1:33:58 PM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory Job ID: 410-33631-1

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-33631-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-33631-1

Job ID: 410-33631-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-33631-1

Receipt
The samples were received on 3/25/2021 11:17 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C

Receipt Exceptions
The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): GWTS-EFF1-032421 (410-33631-1). The COC lists an ID of GWTS-EFF1-0302421. The sample container labels list an ID of GWTS-EFF1-032421. As instructed by the client, the sample ID was corrected to match the ID on the container labels. The client submitted a revised COC. It is possible that the sample IDs may appear as originally logged in the raw data.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): GWTS-EFF1DUP-032421 (410-33631-2). The COC lists an ID of GWTS-EFF1DUP-020520. The sample container labels list an ID of GWTS-EFF1DUP-032421. As instructed by the client, the sample ID was corrected to match the ID on the container labels. The client submitted a revised COC. It is possible that the sample IDs may appear as originally logged in the raw data.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): GWTS-GAC1-032421 (410-33631-3). The COC lists an ID of GWTS-GAC1-020520. The sample container labels list an ID of GWTS-GAC1-032421. As instructed by the client, the sample ID was corrected to match the ID on the container labels. The client submitted a revised COC. It is possible that the sample IDs may appear as originally logged in the raw data.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): GWTS-INF1-032421 (410-33631-4). The COC lists an ID of GWTS-INF1-020520. The sample container labels list an ID of GWTS-INF1-032421. As instructed by the client, the sample ID was corrected to match the ID on the container labels. The client submitted a revised COC. It is possible that the sample IDs may appear as originally logged in the raw data.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): GWTS-TB01-032421 (410-33631-5). The COC lists an ID of GWTS-TB01-020520. The sample container labels list an ID of GWTS-TB01-032421. As instructed by the client, the sample ID was corrected to match the ID on the container labels. The client submitted a revised COC. It is possible that the sample IDs may appear as originally logged in the raw data.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-33631-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF1-032421 — Lab Sample ID: 410-33631-1

No Detections.

Client Sample ID: GWTS-EFF1DUP-032421 — Lab Sample ID: 410-33631-2

No Detections.

Client Sample ID: GWTS-GAC1-032421 — Lab Sample ID: 410-33631-3

No Detections.

Client Sample ID: GWTS-INF1-032421 — Lab Sample ID: 410-33631-4

No Detections.

Client Sample ID: GWTS-TB01-032421 — Lab Sample ID: 410-33631-5

No Detections.

Client Sample ID: GWTS-EFF2-032421 — Lab Sample ID: 410-33631-6

No Detections.

Client Sample ID: GWTS-GAC2-032421 — Lab Sample ID: 410-33631-7

No Detections.

Client Sample ID: GWTS-INF2-032421 — Lab Sample ID: 410-33631-8

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.028		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-FB02-032421 — Lab Sample ID: 410-33631-9

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-33631-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF1-032421
Lab Sample ID: 410-33631-1
Date Collected: 03/24/21 09:55
Matrix: Water
Date Received: 03/25/21 11:17

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 15:17	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/31/21 15:17	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 15:17	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/31/21 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*		*03/31/21 15:17*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/31/21 15:17*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 119*		*03/31/21 15:17*	*1*
Toluene-d8 (Surr)	*99*		*89 - 112*		*03/31/21 15:17*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/29/21 08:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*85*		*46 - 136*	*03/26/21 23:02*	*03/29/21 08:47*	*1*
1,1,2,2-Tetrachloroethane (2C)	*93*		*46 - 136*	*03/26/21 23:02*	*03/29/21 08:47*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/31/21 14:30	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/31/21 14:30	1

Client Sample ID: GWTS-EFF1DUP-032421
Lab Sample ID: 410-33631-2
Date Collected: 03/24/21 09:55
Matrix: Water
Date Received: 03/25/21 11:17

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 15:40	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/31/21 15:40	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 15:40	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/31/21 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*03/31/21 15:40*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/31/21 15:40*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 119*		*03/31/21 15:40*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*03/31/21 15:40*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/29/21 09:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*85*		*46 - 136*	*03/26/21 23:02*	*03/29/21 09:04*	*1*
1,1,2,2-Tetrachloroethane (2C)	*94*		*46 - 136*	*03/26/21 23:02*	*03/29/21 09:04*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/31/21 14:08	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-33631-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF1DUP-032421
Lab Sample ID: 410-33631-2
Date Collected: 03/24/21 09:55
Matrix: Water
Date Received: 03/25/21 11:17

Method: 6010C - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/31/21 14:08	1

Client Sample ID: GWTS-GAC1-032421
Lab Sample ID: 410-33631-3
Date Collected: 03/24/21 10:05
Matrix: Water
Date Received: 03/25/21 11:17

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 16:02	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/31/21 16:02	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 16:02	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/31/21 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*81 - 118*		*03/31/21 16:02*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*03/31/21 16:02*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*03/31/21 16:02*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*03/31/21 16:02*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/29/21 09:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*88*		*46 - 136*	*03/26/21 23:02*	*03/29/21 09:37*	*1*
1,1,2,2-Tetrachloroethane (2C)	*94*		*46 - 136*	*03/26/21 23:02*	*03/29/21 09:37*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/31/21 14:11	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/31/21 14:11	1

Client Sample ID: GWTS-INF1-032421
Lab Sample ID: 410-33631-4
Date Collected: 03/24/21 10:18
Matrix: Water
Date Received: 03/25/21 11:17

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 16:24	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/31/21 16:24	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 16:24	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/31/21 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/31/21 16:24*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*03/31/21 16:24*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*03/31/21 16:24*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*03/31/21 16:24*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0095	ug/L		03/29/21 09:54	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-33631-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-INF1-032421
Lab Sample ID: 410-33631-4
Date Collected: 03/24/21 10:18
Matrix: Water
Date Received: 03/25/21 11:17

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*84*		*46 - 136*	*03/26/21 23:02*	*03/29/21 09:54*	*1*
1,1,2,2-Tetrachloroethane (2C)	*97*		*46 - 136*	*03/26/21 23:02*	*03/29/21 09:54*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/31/21 14:27	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/31/21 14:27	1

Client Sample ID: GWTS-TB01-032421
Lab Sample ID: 410-33631-5
Date Collected: 03/24/21 10:25
Matrix: Water
Date Received: 03/25/21 11:17

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 12:20	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/31/21 12:20	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 12:20	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/31/21 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/31/21 12:20*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*03/31/21 12:20*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 119*		*03/31/21 12:20*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*03/31/21 12:20*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/29/21 10:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*79*		*46 - 136*	*03/26/21 23:02*	*03/29/21 10:11*	*1*
1,1,2,2-Tetrachloroethane (2C)	*92*		*46 - 136*	*03/26/21 23:02*	*03/29/21 10:11*	*1*

Client Sample ID: GWTS-EFF2-032421
Lab Sample ID: 410-33631-6
Date Collected: 03/24/21 09:10
Matrix: Water
Date Received: 03/25/21 11:17

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 13:04	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/31/21 13:04	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 13:04	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/31/21 13:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*81 - 118*		*03/31/21 13:04*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/31/21 13:04*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 119*		*03/31/21 13:04*	*1*
Toluene-d8 (Surr)	*98*		*89 - 112*		*03/31/21 13:04*	*1*

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-33631-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-032421
Lab Sample ID: 410-33631-6
Date Collected: 03/24/21 09:10
Matrix: Water
Date Received: 03/25/21 11:17

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0095	ug/L		03/29/21 10:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*80*		*46 - 136*	*03/26/21 23:02*	*03/29/21 10:28*	*1*
1,1,2,2-Tetrachloroethane (2C)	*92*		*46 - 136*	*03/26/21 23:02*	*03/29/21 10:28*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/31/21 12:00	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/31/21 12:00	1

Client Sample ID: GWTS-GAC2-032421
Lab Sample ID: 410-33631-7
Date Collected: 03/24/21 09:35
Matrix: Water
Date Received: 03/25/21 11:17

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 16:46	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/31/21 16:46	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 16:46	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/31/21 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*81 - 118*		*03/31/21 16:46*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/31/21 16:46*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*03/31/21 16:46*	*1*
Toluene-d8 (Surr)	*99*		*89 - 112*		*03/31/21 16:46*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0096	ug/L		03/29/21 10:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*88*		*46 - 136*	*03/26/21 23:02*	*03/29/21 10:44*	*1*
1,1,2,2-Tetrachloroethane (2C)	*94*		*46 - 136*	*03/26/21 23:02*	*03/29/21 10:44*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/31/21 14:15	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/31/21 14:15	1

Client Sample ID: GWTS-INF2-032421
Lab Sample ID: 410-33631-8
Date Collected: 03/24/21 09:45
Matrix: Water
Date Received: 03/25/21 11:17

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 17:08	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/31/21 17:08	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 17:08	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/31/21 17:08	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-33631-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-INF2-032421
Lab Sample ID: 410-33631-8
Date Collected: 03/24/21 09:45
Matrix: Water
Date Received: 03/25/21 11:17

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/31/21 17:08*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*03/31/21 17:08*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 119*		*03/31/21 17:08*	*1*
Toluene-d8 (Surr)	*99*		*89 - 112*		*03/31/21 17:08*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		03/29/21 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*87*		*46 - 136*	*03/26/21 23:02*	*03/29/21 11:01*	*1*
1,1,2,2-Tetrachloroethane (2C)	*95*		*46 - 136*	*03/26/21 23:02*	*03/29/21 11:01*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/31/21 14:18	1
Manganese	**0.028**		0.010	0.0052	0.0031	mg/L		03/31/21 14:18	1

Client Sample ID: GWTS-FB02-032421
Lab Sample ID: 410-33631-9
Date Collected: 03/24/21 09:10
Matrix: Water
Date Received: 03/25/21 11:17

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 12:42	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/31/21 12:42	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 12:42	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/31/21 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*03/31/21 12:42*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*03/31/21 12:42*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 119*		*03/31/21 12:42*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*03/31/21 12:42*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U	0.029	0.019	0.0097	ug/L		03/29/21 11:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*83*		*46 - 136*	*03/26/21 23:02*	*03/29/21 11:18*	*1*
1,1,2,2-Tetrachloroethane (2C)	*95*		*46 - 136*	*03/26/21 23:02*	*03/29/21 11:18*	*1*

Surrogate Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-33631-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(81-118)	(85-114)	(80-119)	(89-112)
410-33631-1	GWTS-EFF1-032421	100	96	101	99
410-33631-2	GWTS-EFF1DUP-032421	101	96	101	101
410-33631-3	GWTS-GAC1-032421	98	95	100	100
410-33631-4	GWTS-INF1-032421	102	95	100	100
410-33631-5	GWTS-TB01-032421	102	95	101	100
410-33631-6	GWTS-EFF2-032421	101	96	101	98
410-33631-6 MS	GWTS-EFF2-032421	99	99	102	101
410-33631-6 MSD	GWTS-EFF2-032421	100	98	101	101
410-33631-7	GWTS-GAC2-032421	99	96	100	99
410-33631-8	GWTS-INF2-032421	102	95	102	99
410-33631-9	GWTS-FB02-032421	102	96	102	100
LCS 410-109238/6	Lab Control Sample	100	97	100	101
MB 410-109238/9	Method Blank	98	97	100	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(46-136)	(46-136)
410-33631-1	GWTS-EFF1-032421	85	93
410-33631-2	GWTS-EFF1DUP-032421	85	94
410-33631-3	GWTS-GAC1-032421	88	94
410-33631-4	GWTS-INF1-032421	84	97
410-33631-5	GWTS-TB01-032421	79	92
410-33631-6	GWTS-EFF2-032421	80	92
410-33631-6 MS	GWTS-EFF2-032421	81	92
410-33631-6 MSD	GWTS-EFF2-032421	88	99
410-33631-7	GWTS-GAC2-032421	88	94
410-33631-8	GWTS-INF2-032421	87	95
410-33631-9	GWTS-FB02-032421	83	95
LCS 410-107872/2-A	Lab Control Sample	82	93
LCSD 410-107872/3-A	Lab Control Sample Dup	83	91
MB 410-107872/1-A	Method Blank	90	99

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-33631-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-109238/9
Matrix: Water
Analysis Batch: 109238

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 11:31	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		03/31/21 11:31	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		03/31/21 11:31	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		03/31/21 11:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*81 - 118*		*03/31/21 11:31*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*03/31/21 11:31*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*03/31/21 11:31*	*1*
Toluene-d8 (Surr)	*99*		*89 - 112*		*03/31/21 11:31*	*1*

Lab Sample ID: LCS 410-109238/6
Matrix: Water
Analysis Batch: 109238

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	19.2		ug/L		96	42 - 138
Ethylbenzene	20.0	19.7		ug/L		99	79 - 121
Toluene	20.0	19.5		ug/L		97	80 - 121
Xylenes, Total	60.0	60.3		ug/L		101	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*
Dibromofluoromethane (Surr)	*100*		*80 - 119*
Toluene-d8 (Surr)	*101*		*89 - 112*

Lab Sample ID: 410-33631-6 MS
Matrix: Water
Analysis Batch: 109238

Client Sample ID: GWTS-EFF2-032421
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.50	U	20.0	19.9		ug/L		99	42 - 138
Ethylbenzene	0.80	U	20.0	20.3		ug/L		102	79 - 121
Toluene	0.50	U	20.0	20.2		ug/L		101	80 - 121
Xylenes, Total	2.8	U	60.0	61.0		ug/L		102	79 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*81 - 118*
4-Bromofluorobenzene (Surr)	*99*		*85 - 114*
Dibromofluoromethane (Surr)	*102*		*80 - 119*
Toluene-d8 (Surr)	*101*		*89 - 112*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-33631-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-33631-6 MSD
Matrix: Water
Analysis Batch: 109238

Client Sample ID: GWTS-EFF2-032421
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.50	U	20.0	20.5		ug/L		102	42 - 138	3	20
Ethylbenzene	0.80	U	20.0	21.1		ug/L		106	79 - 121	4	20
Toluene	0.50	U	20.0	20.9		ug/L		105	80 - 121	4	20
Xylenes, Total	2.8	U	60.0	63.2		ug/L		105	79 - 121	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*
Dibromofluoromethane (Surr)	*101*		*80 - 119*
Toluene-d8 (Surr)	*101*		*89 - 112*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-107872/1-A
Matrix: Water
Analysis Batch: 108136

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107872

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		03/29/21 06:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*90*		*46 - 136*	*03/26/21 23:02*	*03/29/21 06:34*	*1*
1,1,2,2-Tetrachloroethane (2C)	*99*		*46 - 136*	*03/26/21 23:02*	*03/29/21 06:34*	*1*

Lab Sample ID: LCS 410-107872/2-A
Matrix: Water
Analysis Batch: 108136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107872

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene Dibromide (1C)			0.128	0.152		ug/L		119	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*82*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*93*		*46 - 136*

Lab Sample ID: LCSD 410-107872/3-A
Matrix: Water
Analysis Batch: 108136

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107872

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.152		ug/L		119	60 - 140	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*83*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*91*		*46 - 136*

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-33631-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: 410-33631-6 MS
Matrix: Water
Analysis Batch: 108136

Client Sample ID: GWTS-EFF2-032421
Prep Type: Total/NA
Prep Batch: 107872

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.019	U	0.124	0.152		ug/L		122	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*81*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*92*		*46 - 136*

Lab Sample ID: 410-33631-6 MSD
Matrix: Water
Analysis Batch: 108136

Client Sample ID: GWTS-EFF2-032421
Prep Type: Total/NA
Prep Batch: 107872

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)	0.019	U	0.123	0.147		ug/L		120	60 - 140	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*88*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*99*		*46 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-108624/1-A
Matrix: Water
Analysis Batch: 109486

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108624

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/31/21 13:13	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/31/21 13:13	1

Lab Sample ID: LCS 410-108624/2-A
Matrix: Water
Analysis Batch: 109486

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108624

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.400	0.446		mg/L		112	87 - 115
Manganese	0.0200	0.0213		mg/L		106	90 - 114

Lab Sample ID: MB 410-108625/1-A
Matrix: Water
Analysis Batch: 109423

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108625

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		03/31/21 11:54	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		03/31/21 11:54	1

Lab Sample ID: LCS 410-108625/2-A
Matrix: Water
Analysis Batch: 109423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.400	0.428		mg/L		107	87 - 115

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-33631-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-108625/2-A
Matrix: Water
Analysis Batch: 109423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	0.0200	0.0218		mg/L		109	90 - 114

Lab Sample ID: 410-33631-6 MS
Matrix: Water
Analysis Batch: 109423

Client Sample ID: GWTS-EFF2-032421
Prep Type: Dissolved
Prep Batch: 108625

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.10	U	0.400	0.415		mg/L		104	87 - 115
Manganese	0.0052	U	0.0200	0.0226		mg/L		113	90 - 114

Lab Sample ID: 410-33631-6 MSD
Matrix: Water
Analysis Batch: 109423

Client Sample ID: GWTS-EFF2-032421
Prep Type: Dissolved
Prep Batch: 108625

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	0.10	U	0.400	0.438		mg/L		109	87 - 115	5	20
Manganese	0.0052	U	0.0200	0.0224		mg/L		112	90 - 114	1	20

Lab Sample ID: 410-33631-6 DU
Matrix: Water
Analysis Batch: 109423

Client Sample ID: GWTS-EFF2-032421
Prep Type: Dissolved
Prep Batch: 108625

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Iron	0.10	U	0.10	U	mg/L		NC	20
Manganese	0.0052	U	0.0052	U	mg/L		NC	20

QC Association Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-33631-1
Project/Site: Kirtland AFB Bulk Fuels Facility

GC/MS VOA

Analysis Batch: 109238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-33631-1	GWTS-EFF1-032421	Total/NA	Water	8260C DOD	
410-33631-2	GWTS-EFF1DUP-032421	Total/NA	Water	8260C DOD	
410-33631-3	GWTS-GAC1-032421	Total/NA	Water	8260C DOD	
410-33631-4	GWTS-INF1-032421	Total/NA	Water	8260C DOD	
410-33631-5	GWTS-TB01-032421	Total/NA	Water	8260C DOD	
410-33631-6	GWTS-EFF2-032421	Total/NA	Water	8260C DOD	
410-33631-7	GWTS-GAC2-032421	Total/NA	Water	8260C DOD	
410-33631-8	GWTS-INF2-032421	Total/NA	Water	8260C DOD	
410-33631-9	GWTS-FB02-032421	Total/NA	Water	8260C DOD	
MB 410-109238/9	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-109238/6	Lab Control Sample	Total/NA	Water	8260C DOD	
410-33631-6 MS	GWTS-EFF2-032421	Total/NA	Water	8260C DOD	
410-33631-6 MSD	GWTS-EFF2-032421	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 107872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-33631-1	GWTS-EFF1-032421	Total/NA	Water	8011	
410-33631-2	GWTS-EFF1DUP-032421	Total/NA	Water	8011	
410-33631-3	GWTS-GAC1-032421	Total/NA	Water	8011	
410-33631-4	GWTS-INF1-032421	Total/NA	Water	8011	
410-33631-5	GWTS-TB01-032421	Total/NA	Water	8011	
410-33631-6	GWTS-EFF2-032421	Total/NA	Water	8011	
410-33631-7	GWTS-GAC2-032421	Total/NA	Water	8011	
410-33631-8	GWTS-INF2-032421	Total/NA	Water	8011	
410-33631-9	GWTS-FB02-032421	Total/NA	Water	8011	
MB 410-107872/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-107872/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-107872/3-A	Lab Control Sample Dup	Total/NA	Water	8011	
410-33631-6 MS	GWTS-EFF2-032421	Total/NA	Water	8011	
410-33631-6 MSD	GWTS-EFF2-032421	Total/NA	Water	8011	

Analysis Batch: 108136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-33631-1	GWTS-EFF1-032421	Total/NA	Water	8011	107872
410-33631-2	GWTS-EFF1DUP-032421	Total/NA	Water	8011	107872
410-33631-3	GWTS-GAC1-032421	Total/NA	Water	8011	107872
410-33631-4	GWTS-INF1-032421	Total/NA	Water	8011	107872
410-33631-5	GWTS-TB01-032421	Total/NA	Water	8011	107872
410-33631-6	GWTS-EFF2-032421	Total/NA	Water	8011	107872
410-33631-7	GWTS-GAC2-032421	Total/NA	Water	8011	107872
410-33631-8	GWTS-INF2-032421	Total/NA	Water	8011	107872
410-33631-9	GWTS-FB02-032421	Total/NA	Water	8011	107872
MB 410-107872/1-A	Method Blank	Total/NA	Water	8011	107872
LCS 410-107872/2-A	Lab Control Sample	Total/NA	Water	8011	107872
LCSD 410-107872/3-A	Lab Control Sample Dup	Total/NA	Water	8011	107872
410-33631-6 MS	GWTS-EFF2-032421	Total/NA	Water	8011	107872
410-33631-6 MSD	GWTS-EFF2-032421	Total/NA	Water	8011	107872

QC Association Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-33631-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Metals

Prep Batch: 108624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-33631-1	GWTS-EFF1-032421	Dissolved	Water	Non-Digest Prep	
410-33631-2	GWTS-EFF1DUP-032421	Dissolved	Water	Non-Digest Prep	
410-33631-3	GWTS-GAC1-032421	Dissolved	Water	Non-Digest Prep	
410-33631-4	GWTS-INF1-032421	Dissolved	Water	Non-Digest Prep	
410-33631-7	GWTS-GAC2-032421	Dissolved	Water	Non-Digest Prep	
410-33631-8	GWTS-INF2-032421	Dissolved	Water	Non-Digest Prep	
MB 410-108624/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-108624/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	

Prep Batch: 108625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-33631-6	GWTS-EFF2-032421	Dissolved	Water	Non-Digest Prep	
MB 410-108625/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-108625/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	
410-33631-6 MS	GWTS-EFF2-032421	Dissolved	Water	Non-Digest Prep	
410-33631-6 MSD	GWTS-EFF2-032421	Dissolved	Water	Non-Digest Prep	
410-33631-6 DU	GWTS-EFF2-032421	Dissolved	Water	Non-Digest Prep	

Analysis Batch: 109423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-33631-6	GWTS-EFF2-032421	Dissolved	Water	6010C	108625
MB 410-108625/1-A	Method Blank	Total/NA	Water	6010C	108625
LCS 410-108625/2-A	Lab Control Sample	Total/NA	Water	6010C	108625
410-33631-6 MS	GWTS-EFF2-032421	Dissolved	Water	6010C	108625
410-33631-6 MSD	GWTS-EFF2-032421	Dissolved	Water	6010C	108625
410-33631-6 DU	GWTS-EFF2-032421	Dissolved	Water	6010C	108625

Analysis Batch: 109486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-33631-1	GWTS-EFF1-032421	Dissolved	Water	6010C	108624
410-33631-2	GWTS-EFF1DUP-032421	Dissolved	Water	6010C	108624
410-33631-3	GWTS-GAC1-032421	Dissolved	Water	6010C	108624
410-33631-4	GWTS-INF1-032421	Dissolved	Water	6010C	108624
410-33631-7	GWTS-GAC2-032421	Dissolved	Water	6010C	108624
410-33631-8	GWTS-INF2-032421	Dissolved	Water	6010C	108624
MB 410-108624/1-A	Method Blank	Total/NA	Water	6010C	108624
LCS 410-108624/2-A	Lab Control Sample	Total/NA	Water	6010C	108624

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-33631-1

Client Sample ID: GWTS-EFF1-032421
Lab Sample ID: 410-33631-1
Date Collected: 03/24/21 09:55
Matrix: Water
Date Received: 03/25/21 11:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	109238	03/31/21 15:17	USEJ	ELLE
Total/NA	Prep	8011			107872	03/26/21 23:02	K2IL	ELLE
Total/NA	Analysis	8011		1	108136	03/29/21 08:47	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			108624	03/29/21 21:32	UJLA	ELLE
Dissolved	Analysis	6010C		1	109486	03/31/21 14:30	WJM9	ELLE

Client Sample ID: GWTS-EFF1DUP-032421
Lab Sample ID: 410-33631-2
Date Collected: 03/24/21 09:55
Matrix: Water
Date Received: 03/25/21 11:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	109238	03/31/21 15:40	USEJ	ELLE
Total/NA	Prep	8011			107872	03/26/21 23:02	K2IL	ELLE
Total/NA	Analysis	8011		1	108136	03/29/21 09:04	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			108624	03/29/21 21:32	UJLA	ELLE
Dissolved	Analysis	6010C		1	109486	03/31/21 14:08	WJM9	ELLE

Client Sample ID: GWTS-GAC1-032421
Lab Sample ID: 410-33631-3
Date Collected: 03/24/21 10:05
Matrix: Water
Date Received: 03/25/21 11:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	109238	03/31/21 16:02	USEJ	ELLE
Total/NA	Prep	8011			107872	03/26/21 23:02	K2IL	ELLE
Total/NA	Analysis	8011		1	108136	03/29/21 09:37	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			108624	03/29/21 21:32	UJLA	ELLE
Dissolved	Analysis	6010C		1	109486	03/31/21 14:11	WJM9	ELLE

Client Sample ID: GWTS-INF1-032421
Lab Sample ID: 410-33631-4
Date Collected: 03/24/21 10:18
Matrix: Water
Date Received: 03/25/21 11:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	109238	03/31/21 16:24	USEJ	ELLE
Total/NA	Prep	8011			107872	03/26/21 23:02	K2IL	ELLE
Total/NA	Analysis	8011		1	108136	03/29/21 09:54	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			108624	03/29/21 21:32	UJLA	ELLE
Dissolved	Analysis	6010C		1	109486	03/31/21 14:27	WJM9	ELLE

Client Sample ID: GWTS-TB01-032421
Lab Sample ID: 410-33631-5
Date Collected: 03/24/21 10:25
Matrix: Water
Date Received: 03/25/21 11:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	109238	03/31/21 12:20	USEJ	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-33631-1

Client Sample ID: GWTS-TB01-032421
Lab Sample ID: 410-33631-5
Date Collected: 03/24/21 10:25
Matrix: Water
Date Received: 03/25/21 11:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			107872	03/26/21 23:02	K2IL	ELLE
Total/NA	Analysis	8011		1	108136	03/29/21 10:11	UAMZ	ELLE

Client Sample ID: GWTS-EFF2-032421
Lab Sample ID: 410-33631-6
Date Collected: 03/24/21 09:10
Matrix: Water
Date Received: 03/25/21 11:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	109238	03/31/21 13:04	USEJ	ELLE
Total/NA	Prep	8011			107872	03/26/21 23:02	K2IL	ELLE
Total/NA	Analysis	8011		1	108136	03/29/21 10:28	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			108625	03/29/21 21:37	UJLA	ELLE
Dissolved	Analysis	6010C		1	109423	03/31/21 12:00	WJM9	ELLE

Client Sample ID: GWTS-GAC2-032421
Lab Sample ID: 410-33631-7
Date Collected: 03/24/21 09:35
Matrix: Water
Date Received: 03/25/21 11:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	109238	03/31/21 16:46	USEJ	ELLE
Total/NA	Prep	8011			107872	03/26/21 23:02	K2IL	ELLE
Total/NA	Analysis	8011		1	108136	03/29/21 10:44	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			108624	03/29/21 21:32	UJLA	ELLE
Dissolved	Analysis	6010C		1	109486	03/31/21 14:15	WJM9	ELLE

Client Sample ID: GWTS-INF2-032421
Lab Sample ID: 410-33631-8
Date Collected: 03/24/21 09:45
Matrix: Water
Date Received: 03/25/21 11:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	109238	03/31/21 17:08	USEJ	ELLE
Total/NA	Prep	8011			107872	03/26/21 23:02	K2IL	ELLE
Total/NA	Analysis	8011		1	108136	03/29/21 11:01	UAMZ	ELLE
Dissolved	Prep	Non-Digest Prep			108624	03/29/21 21:32	UJLA	ELLE
Dissolved	Analysis	6010C		1	109486	03/31/21 14:18	WJM9	ELLE

Client Sample ID: GWTS-FB02-032421
Lab Sample ID: 410-33631-9
Date Collected: 03/24/21 09:10
Matrix: Water
Date Received: 03/25/21 11:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	109238	03/31/21 12:42	USEJ	ELLE
Total/NA	Prep	8011			107872	03/26/21 23:02	K2IL	ELLE
Total/NA	Analysis	8011		1	108136	03/29/21 11:18	UAMZ	ELLE

Lab Chronicle

Client: EA Engineering, Science, and Technology
Job ID: 410-33631-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-33631-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	11-30-22

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-33631-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
6010C	Metals (ICP)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-33631-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-33631-1	GWTS-EFF1-032421	Water	03/24/21 09:55	03/25/21 11:17	
410-33631-2	GWTS-EFF1DUP-032421	Water	03/24/21 09:55	03/25/21 11:17	
410-33631-3	GWTS-GAC1-032421	Water	03/24/21 10:05	03/25/21 11:17	
410-33631-4	GWTS-INF1-032421	Water	03/24/21 10:18	03/25/21 11:17	
410-33631-5	GWTS-TB01-032421	Water	03/24/21 10:25	03/25/21 11:17	
410-33631-6	GWTS-EFF2-032421	Water	03/24/21 09:10	03/25/21 11:17	
410-33631-7	GWTS-GAC2-032421	Water	03/24/21 09:35	03/25/21 11:17	
410-33631-8	GWTS-INF2-032421	Water	03/24/21 09:45	03/25/21 11:17	
410-33631-9	GWTS-FB02-032421	Water	03/24/21 09:10	03/25/21 11:17	

410-33631 Chain of Custody

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-032421

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 14800
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF1-0302421	03/24/2021	0955	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-EFF1DUP-020520	03/24/2021	0955	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-GAC1-020520	03/24/2021	1005	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-INF1-020520	03/24/2021	1018	6	--	3	--	2	--	1*	--	--	--	--	--	
5	GWTS-TB01-020520	03/24/2021	1025	4	--	2	--	2	--	--	--	--	--	--	--	
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): P. Ferrari

COURIER AND SHIPPING NUMBER: Fedex: 8155 2829 1696

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
Pete Ferrari	3-24-21	1115			
			Wesley Miller	3/25/21	1117

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS2-032421

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 14800
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-032421	03/24/2021	0910	18	--	9	--	6	--	3*	--	--	--	--	--	Additional Volume Provided for MSMSD
2	GWTS-GAC2-032421	03/24/2021	0935	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-032421	03/24/2021	0945	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-FB02-032421	03/24/2021	0910	5	--	3	--	2	--	--	--	--	--	--	--	Collected simultaneously with GWTS-EFF2-020520
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): P. Ferrari
COURIER AND SHIPPING NUMBER: Fedex: 8155 2829 1696

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
Pete Ferrari	3-24-21	1115			
			Wesley Miller	3/25/21	1117

410-33631 Chain of Custody

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-032421

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 14800
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF1-0302421	03/24/2021	0955	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-EFF1DUP-020520	03/24/2021	0955	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-GAC1-020520	03/24/2021	1005	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-INF1-020520	03/24/2021	1018	6	--	3	--	2	--	1*	--	--	--	--	--	
5	GWTS-TB01-020520	03/24/2021	1025	4	--	2	--	2	--	--	--	--	--	--	--	
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): P. Ferrari

COURIER AND SHIPPING NUMBER: Fedex: 8155 2829 1696

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
Pete Ferrari	3-24-21	1115			
			Wesley Miller	3/25/21	1117

225 Schilling Circle Suite
400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS2-032421

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 14800
LAB CONTACT: Kay Hower KayHower@eurofinsUS.com Eurofins 1 (717) 556-7258

ANALYSIS REQUIRED (Specify number of bottles)

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	VOCs (8260C)	BTEX (8260C)	BTEXN (8260C)	EDB (8011)	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
1	GWTS-EFF2-032421	03/24/2021	0910	18	--	9	--	6	--	3*	--	--	--	--	--	Additional Volume Provided for MSMSD
2	GWTS-GAC2-032421	03/24/2021	0935	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-032421	03/24/2021	0945	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-FB02-032421	03/24/2021	0910	5	--	3	--	2	--	--	--	--	--	--	--	Collected simultaneously with GWTS-EFF2-020520
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): P. Ferrari
COURIER AND SHIPPING NUMBER: Fedex: 8155 2829 1696

RELINQUISHED BY: Printed Name and Signature	DATE	TIME	RECEIVED BY: Printed Name and Signature	DATE	TIME
Pete Ferrari	3-24-21	1115			
			Wesley Miller	3/25/21	1117

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-33631-1

Login Number: 33631
List Number: 1
Creator: Rivera, Tatiana

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-34304-1
Client Project/Site: Kirtland AFB Bulk Fuels Facility

For:
EA Engineering, Science, and Technology
405 S. Highway 121 bypass
Building C
Suite 100
Lewisville, Texas 75067

Attn: Pamela J Moss

Darlene Bandy

Authorized for release by:
4/14/2021 9:01:34 AM

Darlene Bandy, Project Manager I
(303)736-0188
Darlene.Bandy@Eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy

Darlene Bandy
Project Manager I
4/14/2021 9:01:34 AM

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory Job ID: 410-34304-1

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Definitions/Glossary

Client: EA Engineering, Science, and Technology
Job ID: 410-34304-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance limits.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-34304-1

Job ID: 410-34304-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-34304-1

Receipt
The samples were received on 4/1/2021 11:43 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.9°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8011_DOD5: The continuing calibration verification (CCV) associated with batch 410-110643 recovered outside control limit (+/-20%D) for 1,1,2,2-Tetrachloroethane. This surrogate is used for control purposes and the CCV and samples associated with this CCV have surrogate %R well within acceptance criteria; therefore, the data have been reported. The associated samples are: GWTS-EFF2-033121 (410-34304-1), GWTS-GAC2-033121 (410-34304-2), GWTS-INF2-033121 (410-34304-3) and GWTS-TB01-033121 (410-34304-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-34304-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-033121 — Lab Sample ID: 410-34304-1

No Detections.

Client Sample ID: GWTS-GAC2-033121 — Lab Sample ID: 410-34304-2

No Detections.

Client Sample ID: GWTS-INF2-033121 — Lab Sample ID: 410-34304-3

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.024		0.010	0.0052	0.0031	mg/L	1		6010C	Dissolved

Client Sample ID: GWTS-TB01-033121 — Lab Sample ID: 410-34304-4

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-34304-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-EFF2-033121
Lab Sample ID: 410-34304-1
Date Collected: 03/31/21 09:40
Matrix: Water
Date Received: 04/01/21 11:43

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		04/07/21 16:12	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		04/07/21 16:12	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		04/07/21 16:12	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		04/07/21 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*04/07/21 16:12*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*04/07/21 16:12*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 119*		*04/07/21 16:12*	*1*
Toluene-d8 (Surr)	*102*		*89 - 112*		*04/07/21 16:12*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U ^c	0.029	0.019	0.0096	ug/L		04/05/21 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*93*		*46 - 136*	*04/04/21 07:42*	*04/05/21 12:18*	*1*
1,1,2,2-Tetrachloroethane (2C)	*111*	*^c*	*46 - 136*	*04/04/21 07:42*	*04/05/21 12:18*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U *+	0.21	0.10	0.041	mg/L		04/05/21 14:46	1
Manganese	0.0052	U *+	0.010	0.0052	0.0031	mg/L		04/05/21 14:46	1

Client Sample ID: GWTS-GAC2-033121
Lab Sample ID: 410-34304-2
Date Collected: 03/31/21 09:55
Matrix: Water
Date Received: 04/01/21 11:43

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		04/07/21 16:32	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		04/07/21 16:32	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		04/07/21 16:32	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		04/07/21 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*04/07/21 16:32*	*1*
4-Bromofluorobenzene (Surr)	*95*		*85 - 114*		*04/07/21 16:32*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 119*		*04/07/21 16:32*	*1*
Toluene-d8 (Surr)	*103*		*89 - 112*		*04/07/21 16:32*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U ^c	0.029	0.019	0.0097	ug/L		04/05/21 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*98*		*46 - 136*	*04/04/21 07:42*	*04/05/21 12:35*	*1*
1,1,2,2-Tetrachloroethane (2C)	*115*	*^c*	*46 - 136*	*04/04/21 07:42*	*04/05/21 12:35*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U *+	0.21	0.10	0.041	mg/L		04/05/21 14:49	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-34304-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-GAC2-033121
Lab Sample ID: 410-34304-2
Date Collected: 03/31/21 09:55
Matrix: Water
Date Received: 04/01/21 11:43

Method: 6010C - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Manganese	0.0052	U *+	0.010	0.0052	0.0031	mg/L		04/05/21 14:49	1

Client Sample ID: GWTS-INF2-033121
Lab Sample ID: 410-34304-3
Date Collected: 03/31/21 10:05
Matrix: Water
Date Received: 04/01/21 11:43

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		04/07/21 16:52	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		04/07/21 16:52	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		04/07/21 16:52	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		04/07/21 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*		*04/07/21 16:52*	*1*
4-Bromofluorobenzene (Surr)	*96*		*85 - 114*		*04/07/21 16:52*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*04/07/21 16:52*	*1*
Toluene-d8 (Surr)	*103*		*89 - 112*		*04/07/21 16:52*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U ^c	0.029	0.019	0.0096	ug/L		04/05/21 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*99*		*46 - 136*	*04/04/21 07:42*	*04/05/21 12:52*	*1*
1,1,2,2-Tetrachloroethane (2C)	*114*	*^c*	*46 - 136*	*04/04/21 07:42*	*04/05/21 12:52*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		04/06/21 07:55	1
Manganese	**0.024**		0.010	0.0052	0.0031	mg/L		04/06/21 07:55	1

Client Sample ID: GWTS-TB01-033121
Lab Sample ID: 410-34304-4
Date Collected: 03/31/21 10:10
Matrix: Water
Date Received: 04/01/21 11:43

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		04/07/21 12:49	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		04/07/21 12:49	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		04/07/21 12:49	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		04/07/21 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*81 - 118*		*04/07/21 12:49*	*1*
4-Bromofluorobenzene (Surr)	*94*		*85 - 114*		*04/07/21 12:49*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*04/07/21 12:49*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*04/07/21 12:49*	*1*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.019	U ^c	0.029	0.019	0.0097	ug/L		04/05/21 13:08	1

Client Sample Results

Client: EA Engineering, Science, and Technology
Job ID: 410-34304-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Client Sample ID: GWTS-TB01-033121
Lab Sample ID: 410-34304-4
Date Collected: 03/31/21 10:10
Matrix: Water
Date Received: 04/01/21 11:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (1C)	96		46 - 136	04/04/21 07:42	04/05/21 13:08	1
1,1,2,2-Tetrachloroethane (2C)	113	^c	46 - 136	04/04/21 07:42	04/05/21 13:08	1

Surrogate Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-34304-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(81-118)	(85-114)	(80-119)	(89-112)
410-34304-1	GWTS-EFF2-033121	102	95	98	102
410-34304-2	GWTS-GAC2-033121	103	95	98	103
410-34304-3	GWTS-INF2-033121	102	96	100	103
410-34304-4	GWTS-TB01-033121	105	94	100	101
LCS 410-111600/5	Lab Control Sample	102	97	96	103
MB 410-111600/7	Method Blank	103	93	98	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(46-136)	(46-136)
410-34304-1	GWTS-EFF2-033121	93	111 ^c
410-34304-2	GWTS-GAC2-033121	98	115 ^c
410-34304-3	GWTS-INF2-033121	99	114 ^c
410-34304-4	GWTS-TB01-033121	96	113 ^c
LCS 410-110573/2-A	Lab Control Sample	88	103
LCSD 410-110573/3-A	Lab Control Sample Dup	93	108
MB 410-110573/1-A	Method Blank	95	109

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-34304-1

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-111600/7
Matrix: Water
Analysis Batch: 111600

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	0.20	ug/L		04/07/21 10:40	1
Ethylbenzene	0.80	U	1.0	0.80	0.40	ug/L		04/07/21 10:40	1
Toluene	0.50	U	1.0	0.50	0.20	ug/L		04/07/21 10:40	1
Xylenes, Total	2.8	U	6.0	2.8	1.4	ug/L		04/07/21 10:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*81 - 118*		*04/07/21 10:40*	*1*
4-Bromofluorobenzene (Surr)	*93*		*85 - 114*		*04/07/21 10:40*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 119*		*04/07/21 10:40*	*1*
Toluene-d8 (Surr)	*101*		*89 - 112*		*04/07/21 10:40*	*1*

Lab Sample ID: LCS 410-111600/5
Matrix: Water
Analysis Batch: 111600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	18.3		ug/L		91	42 - 138
Ethylbenzene	20.0	19.0		ug/L		95	79 - 121
Toluene	20.0	18.9		ug/L		94	80 - 121
Xylenes, Total	60.0	57.1		ug/L		95	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*81 - 118*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*
Dibromofluoromethane (Surr)	*96*		*80 - 119*
Toluene-d8 (Surr)	*103*		*89 - 112*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-110573/1-A
Matrix: Water
Analysis Batch: 110643

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110573

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Ethylene Dibromide (1C)	0.020	U	0.030	0.020	0.010	ug/L		04/05/21 07:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (1C)	*95*		*46 - 136*	*04/04/21 07:42*	*04/05/21 07:51*	*1*
1,1,2,2-Tetrachloroethane (2C)	*109*		*46 - 136*	*04/04/21 07:42*	*04/05/21 07:51*	*1*

Lab Sample ID: LCS 410-110573/2-A
Matrix: Water
Analysis Batch: 110997

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110573

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide (1C)	0.128	0.121		ug/L		95	60 - 140

QC Sample Results

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-34304-1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 410-110573/2-A
Matrix: Water
Analysis Batch: 110997

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110573

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*88*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*103*		*46 - 136*

Lab Sample ID: LCSD 410-110573/3-A
Matrix: Water
Analysis Batch: 110997

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110573

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide (1C)			0.128	0.126		ug/L		99	60 - 140	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (1C)	*93*		*46 - 136*
1,1,2,2-Tetrachloroethane (2C)	*108*		*46 - 136*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 410-110214/1-A
Matrix: Water
Analysis Batch: 110884

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110214

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		04/05/21 13:31	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		04/05/21 13:31	1

Lab Sample ID: LCS 410-110214/2-A
Matrix: Water
Analysis Batch: 110884

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110214

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Iron			4.96	7.11	*+	mg/L		143	87 - 115		
Manganese			0.502	0.666	*+	mg/L		133	90 - 114		

Lab Sample ID: MB 410-110739/1-A
Matrix: Water
Analysis Batch: 111193

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110739

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Iron	0.10	U	0.21	0.10	0.041	mg/L		04/06/21 06:50	1
Manganese	0.0052	U	0.010	0.0052	0.0031	mg/L		04/06/21 06:50	1

Lab Sample ID: LCS 410-110739/2-A
Matrix: Water
Analysis Batch: 111193

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110739

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Iron			4.96	5.06		mg/L		102	87 - 115		
Manganese			0.502	0.507		mg/L		101	90 - 114		

QC Association Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-34304-1

GC/MS VOA

Analysis Batch: 111600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-34304-1	GWTS-EFF2-033121	Total/NA	Water	8260C DOD	
410-34304-2	GWTS-GAC2-033121	Total/NA	Water	8260C DOD	
410-34304-3	GWTS-INF2-033121	Total/NA	Water	8260C DOD	
410-34304-4	GWTS-TB01-033121	Total/NA	Water	8260C DOD	
MB 410-111600/7	Method Blank	Total/NA	Water	8260C DOD	
LCS 410-111600/5	Lab Control Sample	Total/NA	Water	8260C DOD	

GC Semi VOA

Prep Batch: 110573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-34304-1	GWTS-EFF2-033121	Total/NA	Water	8011	
410-34304-2	GWTS-GAC2-033121	Total/NA	Water	8011	
410-34304-3	GWTS-INF2-033121	Total/NA	Water	8011	
410-34304-4	GWTS-TB01-033121	Total/NA	Water	8011	
MB 410-110573/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-110573/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-110573/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 110643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-34304-1	GWTS-EFF2-033121	Total/NA	Water	8011	110573
410-34304-2	GWTS-GAC2-033121	Total/NA	Water	8011	110573
410-34304-3	GWTS-INF2-033121	Total/NA	Water	8011	110573
410-34304-4	GWTS-TB01-033121	Total/NA	Water	8011	110573
MB 410-110573/1-A	Method Blank	Total/NA	Water	8011	110573

Analysis Batch: 110997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-110573/2-A	Lab Control Sample	Total/NA	Water	8011	110573
LCSD 410-110573/3-A	Lab Control Sample Dup	Total/NA	Water	8011	110573

Metals

Prep Batch: 110214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-34304-1	GWTS-EFF2-033121	Dissolved	Water	Non-Digest Prep	
410-34304-2	GWTS-GAC2-033121	Dissolved	Water	Non-Digest Prep	
MB 410-110214/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-110214/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	

Prep Batch: 110739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-34304-3	GWTS-INF2-033121	Dissolved	Water	Non-Digest Prep	
MB 410-110739/1-A	Method Blank	Total/NA	Water	Non-Digest Prep	
LCS 410-110739/2-A	Lab Control Sample	Total/NA	Water	Non-Digest Prep	

Analysis Batch: 110884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-34304-1	GWTS-EFF2-033121	Dissolved	Water	6010C	110214
410-34304-2	GWTS-GAC2-033121	Dissolved	Water	6010C	110214
MB 410-110214/1-A	Method Blank	Total/NA	Water	6010C	110214

QC Association Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-34304-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Metals (Continued)

Analysis Batch: 110884 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-110214/2-A	Lab Control Sample	Total/NA	Water	6010C	110214

Analysis Batch: 111193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-34304-3	GWTS-INF2-033121	Dissolved	Water	6010C	110739
MB 410-110739/1-A	Method Blank	Total/NA	Water	6010C	110739
LCS 410-110739/2-A	Lab Control Sample	Total/NA	Water	6010C	110739

Lab Chronicle

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-34304-1

Client Sample ID: GWTS-EFF2-033121
Lab Sample ID: 410-34304-1
Date Collected: 03/31/21 09:40
Matrix: Water
Date Received: 04/01/21 11:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	111600	04/07/21 16:12	K4WN	ELLE
Total/NA	Prep	8011			110573	04/04/21 07:42	UKQ8	ELLE
Total/NA	Analysis	8011		1	110643	04/05/21 12:18	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			110214	04/02/21 08:08	UJL8	ELLE
Dissolved	Analysis	6010C		1	110884	04/05/21 14:46	WJM9	ELLE

Client Sample ID: GWTS-GAC2-033121
Lab Sample ID: 410-34304-2
Date Collected: 03/31/21 09:55
Matrix: Water
Date Received: 04/01/21 11:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	111600	04/07/21 16:32	K4WN	ELLE
Total/NA	Prep	8011			110573	04/04/21 07:42	UKQ8	ELLE
Total/NA	Analysis	8011		1	110643	04/05/21 12:35	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			110214	04/02/21 08:08	UJL8	ELLE
Dissolved	Analysis	6010C		1	110884	04/05/21 14:49	WJM9	ELLE

Client Sample ID: GWTS-INF2-033121
Lab Sample ID: 410-34304-3
Date Collected: 03/31/21 10:05
Matrix: Water
Date Received: 04/01/21 11:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	111600	04/07/21 16:52	K4WN	ELLE
Total/NA	Prep	8011			110573	04/04/21 07:42	UKQ8	ELLE
Total/NA	Analysis	8011		1	110643	04/05/21 12:52	AC3T	ELLE
Dissolved	Prep	Non-Digest Prep			110739	04/05/21 09:11	UJL8	ELLE
Dissolved	Analysis	6010C		1	111193	04/06/21 07:55	ULJC	ELLE

Client Sample ID: GWTS-TB01-033121
Lab Sample ID: 410-34304-4
Date Collected: 03/31/21 10:10
Matrix: Water
Date Received: 04/01/21 11:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C DOD		1	111600	04/07/21 12:49	K4WN	ELLE
Total/NA	Prep	8011			110573	04/04/21 07:42	UKQ8	ELLE
Total/NA	Analysis	8011		1	110643	04/05/21 13:08	AC3T	ELLE

Laboratory References:
ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-34304-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	11-30-22

Method Summary

Client: EA Engineering, Science, and Technology
Job ID: 410-34304-1
Project/Site: Kirtland AFB Bulk Fuels Facility

Method	Method Description	Protocol	Laboratory
8260C DOD	Volatile Organic Compounds (GC/MS)	SW846	ELLE
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
6010C	Metals (ICP)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
8011	Microextraction	SW846	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: EA Engineering, Science, and Technology
Project/Site: Kirtland AFB Bulk Fuels Facility

Job ID: 410-34304-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-34304-1	GWTS-EFF2-033121	Water	03/31/21 09:40	04/01/21 11:43	
410-34304-2	GWTS-GAC2-033121	Water	03/31/21 09:55	04/01/21 11:43	
410-34304-3	GWTS-INF2-033121	Water	03/31/21 10:05	04/01/21 11:43	
410-34304-4	GWTS-TB01-033121	Water	03/31/21 10:10	04/01/21 11:43	

410-34304 Chain of Custody

TURN AROUND TIME 5 DAYS

225 Schilling Circle Suite 400 Hunt Valley MD
Tel No: (410) 584-7000
Fax No. (410) 771-1625

CHAIN-OF-CUSTODY RECORD

COC NUMBER: COC-GWTS1-033121

PROJECT NAME: Kirtland AFB Bulk Fuels Facility
PROJECT NUMBER: 6360401
LABORATORY NAME AND CONTACT: Eurofins Lancaster Laboratories, 2425 New Holland Pike Lancaster PA 17601
FAX AND MAIL REPORTS/EDD TO: Tara Lamond: tlamond@eaest.com EA; Amanda Smith: asmith@eaest.com EA
FAX AND MAIL REPORTS/EDD TO: Pam Moss: pmoss@eaest.com EA
YEAR: 2021
QUARTER: Q1
PROJECT SITE AND PHASE: ST106/SS111
LAB PO NUMBER: 21295
LAB CONTACT: Darlene Bandy Darlene.Bandy@eurofinset.com Eurofins 1 (303) 736-0188

ITEM	SAMPLE IDENTIFIER	DATE COLLECTED	TIME COLLECTED	Total Number of Bottles	(8260C) VOCs	(8260C) BTEX	(8260C) BTEXN	(8011) EDB	Total As,Pb,Ca,K,Na,Mg (6020A/6010C)	Dissolved Fe, Mn (6010C)	Chloride, bromide, sulfate (300.0)	Nitrate-Nitrite (353.2)	Ammonia (SM4500NH3)	Sulfide (SM4500S2CF)	Alkalinity (SM2320B)	COMMENTS
				ANALYSIS REQUIRED (Specify number of bottles)												
1	GWTS-EFF2-033121	03/31/21	0940	6	--	3	--	2	--	1*	--	--	--	--	--	
2	GWTS-GAC2-033121	03/31/21	0955	6	--	3	--	2	--	1*	--	--	--	--	--	
3	GWTS-INF2-033121	03/31/21	1005	6	--	3	--	2	--	1*	--	--	--	--	--	
4	GWTS-TB01-033121	03/31/21	1010	4	--	2	--	2	--	--	--	--	--	--	--	
5																
6																

COMMENTS: *Dissolved Fe, Mn aliquot was field filtered.

SAMPLER(S): Pete Ferrari Aaron Kupper
COURIER AND SHIPPING NUMBER: Fedex: 8161 4706 2240

RELINQUISHED BY: Printed Name and Signature:	DATE	TIME	RECEIVED BY: Printed Name and Signature:	DATE	TIME
Pete Ferrari Peter Juman	3-31-21	1145			
			Wesley Miller	4/1/21	1143

THR

4/14/2021 MR

Login Sample Receipt Checklist

Client: EA Engineering, Science, and Technology

Job Number: 410-34304-1

Login Number: 34304
List Number: 1
Creator: Rivera, Tatiana

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	N/A	

APPENDIX G-6

GROUNDWATER TREATMENT SYSTEM PERFORMANCE ANALYTICAL DATA

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_cod	sample_depth	matrix_code	task_code	lab_sample_ID	analytic_metho	analysis_date	fraction	test_type	dilution_factor
GWTS-BFF-EFF2	GWTS-EFF2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-6	SW6010C	1/18/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-6	SW6010C	1/18/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-6	SW8011	1/19/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-6	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-6	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-6	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-6	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-7	SW6010C	1/18/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-7	SW6010C	1/18/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-7	SW8011	1/19/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-7	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-7	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-7	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-7	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-8	SW6010C	1/18/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-8	SW6010C	1/21/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-8	SW8011	1/19/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-8	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-8	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-8	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-8	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-1	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-1	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-1	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-1	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1/12/2021	FD		WW	GWTS_1Q21	410-26241-2	SW6010C	1/18/2021	D	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1/12/2021	FD		WW	GWTS_1Q21	410-26241-2	SW6010C	1/18/2021	D	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1/12/2021	FD		WW	GWTS_1Q21	410-26241-2	SW8011	1/18/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1/12/2021	FD		WW	GWTS_1Q21	410-26241-2	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1/12/2021	FD		WW	GWTS_1Q21	410-26241-2	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1/12/2021	FD		WW	GWTS_1Q21	410-26241-2	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1/12/2021	FD		WW	GWTS_1Q21	410-26241-2	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-1	SW6010C	1/18/2021	D	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-1	SW6010C	1/18/2021	D	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-1	SW8011	1/18/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-3	SW6010C	1/18/2021	D	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-3	SW6010C	1/18/2021	D	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-3	SW8011	1/18/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-3	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-3	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-3	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-3	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-4	SW6010C	1/18/2021	D	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-4	SW6010C	1/18/2021	D	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-4	SW8011	1/18/2021	N	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-4	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-4	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-4	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26241-4	SW8260C	1/21/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-A1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26240-1	SW8011	1/18/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-A2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26240-2	SW8011	1/18/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-A3-011221	1/12/2021	N		WW	GWTS_1Q21	410-26240-3	SW8011	1/18/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-B1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26240-4	SW8011	1/18/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-B2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26240-5	SW8011	1/18/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-B3-011221	1/12/2021	N		WW	GWTS_1Q21	410-26240-6	SW8011	1/18/2021	N	INITIAL	1

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_coc	sample_depth	matrix_code	task_code	lab_sample_ID	analytic_metho	analysis_date	fraction	test_type	dilution_factor
GWTS-BFF-GAC2	GWTS-GAC2-A1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26240-7	SW8011	1/18/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-A2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26240-8	SW8011	1/18/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-A3-011221	1/12/2021	N		WW	GWTS_1Q21	410-26240-9	SW8011	1/18/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-B1-011221	1/12/2021	N		WW	GWTS_1Q21	410-26240-10	SW8011	1/18/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-B2-011221	1/12/2021	N		WW	GWTS_1Q21	410-26240-11	SW8011	1/18/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-B3-011221	1/12/2021	N		WW	GWTS_1Q21	410-26240-12	SW8011	1/18/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-1	SW6010C	2/9/2021	D	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-1	SW6010C	2/9/2021	D	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-1	SW8011	2/12/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-1	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-1	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-1	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-1	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-2	SW6010C	2/9/2021	D	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-2	SW6010C	2/9/2021	D	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-2	SW8011	2/12/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-2	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-2	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-2	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-2	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-3	SW6010C	2/9/2021	D	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-3	SW6010C	2/10/2021	D	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-3	SW8011	2/12/2021	N	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-3	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-3	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-3	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-3	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-6	SW6010C	2/9/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-6	SW6010C	2/10/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-6	SW8011	2/12/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-6	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-6	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-6	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	2/5/2021	FD		WW	GWTS_1Q21	410-28705-7	SW6010C	2/9/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	2/5/2021	FD		WW	GWTS_1Q21	410-28705-7	SW6010C	2/9/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	2/5/2021	FD		WW	GWTS_1Q21	410-28705-7	SW8011	2/12/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	2/5/2021	FD		WW	GWTS_1Q21	410-28705-7	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	2/5/2021	FD		WW	GWTS_1Q21	410-28705-7	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	2/5/2021	FD		WW	GWTS_1Q21	410-28705-7	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	2/5/2021	FD		WW	GWTS_1Q21	410-28705-7	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-8	SW6010C	2/9/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-8	SW6010C	2/10/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-8	SW8011	2/12/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-8	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-8	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-8	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-8	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-9	SW6010C	2/9/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-9	SW6010C	2/10/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-9	SW8011	2/12/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-9	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-9	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-9	SW8260C	2/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-020521	2/5/2021	N		WW	GWTS_1Q21	410-28705-9	SW8260C	2/10/2021	N	INITIAL	1

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_cod	sample_depth	matrix_code	task_code	lab_sample_ID	analytic_metho	analysis_date	fraction	test_type	dilution_factor
KAFB-106239	GW239-211-PreDis	2/22/2021	N		WG	Misc_Sampling	410-30025-1	E300.1	3/7/2021	N	INITIAL	2
KAFB-106239	GW239-211-PreDis	2/22/2021	N		WG	Misc_Sampling	410-30025-1	E300.1	3/5/2021	N	INITIAL	1
KAFB-106239	GW239-211-PreDis	2/22/2021	N		WG	Misc_Sampling	410-30025-1	E331.0	3/10/2021	N	INITIAL	1
KAFB-106239	IN2-211-PostDis	2/22/2021	N		WG	Misc_Sampling	410-30025-2	E300.1	3/7/2021	N	INITIAL	2
KAFB-106239	IN2-211-PostDis	2/22/2021	N		WG	Misc_Sampling	410-30025-2	E300.1	3/5/2021	N	INITIAL	1
KAFB-106239	IN2-211-PostDis	2/22/2021	N		WG	Misc_Sampling	410-30025-2	E331.0	3/10/2021	N	INITIAL	1
KAFB-106239	GW239-211-PostDis	3/1/2021	N		WG	Misc_Sampling	410-30937-1	E300.1	3/5/2021	N	INITIAL	2
KAFB-106239	GW239-211-PostDis	3/1/2021	N		WG	Misc_Sampling	410-30937-1	E300.1	3/4/2021	N	INITIAL	1
KAFB-106239	GW239-211-PostDis	3/1/2021	N		WG	Misc_Sampling	410-30937-1	E331.0	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-1	SW6010C	3/7/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-1	SW6010C	3/7/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-1	SW8011	3/8/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-1	SW8260C	3/5/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-1	SW8260C	3/5/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-1	SW8260C	3/5/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-1	SW8260C	3/5/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-2	SW6010C	3/7/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-2	SW6010C	3/7/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-2	SW8011	3/8/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-2	SW8260C	3/5/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-2	SW8260C	3/5/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-2	SW8260C	3/5/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-2	SW8260C	3/5/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-3	SW8260C	3/5/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-3	SW6010C	3/7/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-3	SW6010C	3/9/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-3	SW8011	3/8/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-3	SW8260C	3/5/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-3	SW8260C	3/5/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030321	3/3/2021	N		WW	GWTS_1Q21	410-31140-3	SW8260C	3/5/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-1	SW6010C	3/8/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-1	SW6010C	3/8/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-1	SW8011	3/8/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-1	SW8260C	3/9/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-1	SW8260C	3/9/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-1	SW8260C	3/9/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-1	SW8260C	3/9/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-2	SW6010C	3/8/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-2	SW6010C	3/8/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-2	SW8011	3/8/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-2	SW8260C	3/9/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-2	SW8260C	3/9/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-2	SW8260C	3/9/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-2	SW8260C	3/9/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-3	SW6010C	3/8/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-3	SW6010C	3/8/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-3	SW8011	3/8/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-3	SW8260C	3/9/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-3	SW8260C	3/9/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-3	SW8260C	3/9/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030421	3/4/2021	N		WW	GWTS_1Q21	410-31289-3	SW8260C	3/9/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-1	SW6010C	3/9/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-1	SW6010C	3/9/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-1	SW8011	3/9/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-1	SW8260C	3/10/2021	N	INITIAL	1

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_cod	sample_depth	matrix_code	task_code	lab_sample_ID	analytic_metho	analysis_date	fraction	test_type	dilution_factor
GWTS-BFF-EFF2	GWTS-EFF2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-1	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-1	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-1	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	3/5/2021	FD		WW	GWTS_1Q21	410-31471-2	SW6010C	3/9/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	3/5/2021	FD		WW	GWTS_1Q21	410-31471-2	SW6010C	3/9/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	3/5/2021	FD		WW	GWTS_1Q21	410-31471-2	SW8011	3/9/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	3/5/2021	FD		WW	GWTS_1Q21	410-31471-2	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	3/5/2021	FD		WW	GWTS_1Q21	410-31471-2	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	3/5/2021	FD		WW	GWTS_1Q21	410-31471-2	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	3/5/2021	FD		WW	GWTS_1Q21	410-31471-2	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-3	SW6010C	3/9/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-3	SW6010C	3/9/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-3	SW8011	3/9/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-3	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-3	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-3	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-3	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-4	SW6010C	3/9/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-4	SW6010C	3/9/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-4	SW8011	3/9/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-4	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-4	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-4	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030521	3/5/2021	N		WW	GWTS_1Q21	410-31471-4	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-1	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-1	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-1	SW8011	3/11/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-1	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-1	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-1	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-1	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-1	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-2	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-2	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-2	SW8011	3/11/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-2	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-2	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-2	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-2	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-3	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-3	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-3	SW8011	3/11/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-3	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-3	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-3	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030621	3/6/2021	N		WW	GWTS_1Q21	410-31600-3	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-1	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-1	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-1	SW8011	3/11/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-1	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-1	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-1	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-1	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-2	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-2	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-2	SW8011	3/11/2021	N	INITIAL	1

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_coc	sample_depth	matrix_code	task_code	lab_sample_ID	analytic_metho	analysis_date	fraction	test_type	dilution_factor
GWTS-BFF-GAC2	GWTS-GAC2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-2	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-2	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-2	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-2	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-3	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-3	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-3	SW8011	3/11/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-3	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-3	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-3	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030721	3/7/2021	N		WW	GWTS_1Q21	410-31601-3	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-1	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-1	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-1	SW8011	3/11/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-1	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-1	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-1	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-1	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-2	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-2	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-2	SW8011	3/11/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-2	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-2	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-2	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-2	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-3	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-3	SW6010C	3/10/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-3	SW8011	3/11/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-3	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-3	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-3	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030821	3/8/2021	N		WW	GWTS_1Q21	410-31602-3	SW8260C	3/10/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-1	SW6010C	3/11/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-1	SW6010C	3/11/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-1	SW8011	3/12/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-1	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-1	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-1	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-1	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-2	SW6010C	3/11/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-2	SW6010C	3/11/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-2	SW8011	3/12/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-2	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-2	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-2	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-2	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-3	SW6010C	3/11/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-3	SW6010C	3/11/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-3	SW8011	3/12/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-3	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-3	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-3	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-030921	3/9/2021	N		WW	GWTS_1Q21	410-31799-3	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-1	SW6010C	3/16/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-1	SW6010C	3/16/2021	D	INITIAL	1

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_cod	sample_depth	matrix_code	task_code	lab_sample_ID	analytic_metho	analysis_date	fraction	test_type	dilution_factor
GWTS-BFF-EFF2	GWTS-EFF2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-1	SW8011	3/15/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-1	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-1	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-1	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-1	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-2	SW6010C	3/16/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-2	SW6010C	3/16/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-2	SW8011	3/15/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-2	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-2	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-2	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-2	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-3	SW6010C	3/16/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-3	SW6010C	3/16/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-3	SW8011	3/15/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-3	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-3	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-3	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-031021	3/10/2021	N		WW	GWTS_1Q21	410-32032-3	SW8260C	3/15/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	3/17/2021	FD		WW	GWTS_1Q21	410-32785-2	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	3/17/2021	FD		WW	GWTS_1Q21	410-32785-2	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	3/17/2021	FD		WW	GWTS_1Q21	410-32785-2	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	3/17/2021	FD		WW	GWTS_1Q21	410-32785-2	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-1	SW6010C	3/23/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-1	SW6010C	3/23/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-1	SW8011	3/23/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-1	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-1	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-1	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-1	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-1	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-1	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-1	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-1	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-1	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	3/17/2021	FD		WW	GWTS_1Q21	410-32785-2	SW6010C	3/23/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	3/17/2021	FD		WW	GWTS_1Q21	410-32785-2	SW6010C	3/23/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	3/17/2021	FD		WW	GWTS_1Q21	410-32785-2	SW8011	3/23/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-3	SW6010C	3/23/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-3	SW6010C	3/23/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-3	SW8011	3/23/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-3	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-3	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-3	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-3	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-4	SW6010C	3/23/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-4	SW6010C	3/23/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-4	SW8011	3/23/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-4	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-4	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-4	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-031721	3/17/2021	N		WW	GWTS_1Q21	410-32785-4	SW8260C	3/22/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-6	SW6010C	3/31/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-6	SW6010C	3/31/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-6	SW8011	3/29/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-6	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-6	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-6	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-6	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-7	SW6010C	3/31/2021	D	INITIAL	1

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GWTS Analytical Data, Q1 2021

well_location	sample_name	sample_date	sample_type_cod	sample_depth	matrix_code	task_code	lab_sample_ID	analytic_metho	analysis_date	fraction	test_type	dilution_factor
GWTS-BFF-GAC2	GWTS-GAC2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-7	SW6010C	3/31/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-7	SW8011	3/29/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-7	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-7	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-7	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-7	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-8	SW6010C	3/31/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-8	SW6010C	3/31/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-8	SW8011	3/29/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-8	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-8	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-8	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-8	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-1	SW6010C	3/31/2021	D	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-1	SW6010C	3/31/2021	D	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-1	SW8011	3/29/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-1	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-1	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-1	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-1	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	3/24/2021	FD		WW	GWTS_1Q21	410-33631-2	SW6010C	3/31/2021	D	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	3/24/2021	FD		WW	GWTS_1Q21	410-33631-2	SW6010C	3/31/2021	D	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	3/24/2021	FD		WW	GWTS_1Q21	410-33631-2	SW8011	3/29/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	3/24/2021	FD		WW	GWTS_1Q21	410-33631-2	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	3/24/2021	FD		WW	GWTS_1Q21	410-33631-2	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	3/24/2021	FD		WW	GWTS_1Q21	410-33631-2	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	3/24/2021	FD		WW	GWTS_1Q21	410-33631-2	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-3	SW6010C	3/31/2021	D	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-3	SW6010C	3/31/2021	D	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-3	SW8011	3/29/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-3	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-3	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-3	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-GAC1	GWTS-GAC1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-3	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-4	SW6010C	3/31/2021	D	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-4	SW6010C	3/31/2021	D	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-4	SW8011	3/29/2021	N	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-4	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-4	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-4	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-INF1	GWTS-INF1-032421	3/24/2021	N		WW	GWTS_1Q21	410-33631-4	SW8260C	3/31/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-1	SW6010C	4/5/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-1	SW6010C	4/5/2021	D	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-1	SW8011	4/5/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-1	SW8260C	4/7/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-1	SW8260C	4/7/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-1	SW8260C	4/7/2021	N	INITIAL	1
GWTS-BFF-EFF2	GWTS-EFF2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-1	SW8260C	4/7/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-2	SW6010C	4/5/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-2	SW6010C	4/5/2021	D	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-2	SW8011	4/5/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-2	SW8260C	4/7/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-2	SW8260C	4/7/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-2	SW8260C	4/7/2021	N	INITIAL	1
GWTS-BFF-GAC2	GWTS-GAC2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-2	SW8260C	4/7/2021	N	INITIAL	1

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well_location	sample_name	sample_date	sample_type_cod	sample_depth	matrix_code	task_code	lab_sample_ID	analytic_metho	analysis_date	fraction	test_type	dilution_factor
GWTS-BFF-INF2	GWTS-INF2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-3	SW6010C	4/6/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-3	SW6010C	4/6/2021	D	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-3	SW8011	4/5/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-3	SW8260C	4/7/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-3	SW8260C	4/7/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-3	SW8260C	4/7/2021	N	INITIAL	1
GWTS-BFF-INF2	GWTS-INF2-033121	3/31/2021	N		WW	GWTS_1Q21	410-34304-3	SW8260C	4/7/2021	N	INITIAL	1

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit	detect_flag
GWTS-BFF-EFF2	GWTS-EFF2-011221	METHOD	410-26241-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-011221	METHOD	410-26241-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-011221	METHOD	410-26241-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-011221	NONE	410-26241-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-011221	NONE	410-26241-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-011221	NONE	410-26241-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-011221	NONE	410-26241-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-011221	METHOD	410-26241-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-011221	METHOD	410-26241-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-011221	METHOD	410-26241-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-011221	NONE	410-26241-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-011221	NONE	410-26241-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-011221	NONE	410-26241-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-011221	NONE	410-26241-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-011221	METHOD	410-26241-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-INF2	GWTS-INF2-011221	METHOD	410-26241-1	7439-96-5	Manganese	0.025	0.025	mg/l	Y
GWTS-BFF-INF2	GWTS-INF2-011221	METHOD	410-26241-1	106-93-4	1,2-Dibromoethane	0.017	0.017	ug/l	Y
GWTS-BFF-INF2	GWTS-INF2-011221	NONE	410-26241-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-011221	NONE	410-26241-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-011221	NONE	410-26241-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-011221	NONE	410-26241-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1-011221	NONE	410-26241-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1-011221	NONE	410-26241-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1-011221	NONE	410-26241-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1-011221	NONE	410-26241-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	METHOD	410-26241-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	METHOD	410-26241-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	METHOD	410-26241-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	NONE	410-26241-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	NONE	410-26241-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	NONE	410-26241-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	NONE	410-26241-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1-011221	METHOD	410-26241-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF1	GWTS-EFF1-011221	METHOD	410-26241-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-EFF1	GWTS-EFF1-011221	METHOD	410-26241-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-011221	METHOD	410-26241-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-GAC1	GWTS-GAC1-011221	METHOD	410-26241-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-GAC1	GWTS-GAC1-011221	METHOD	410-26241-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-011221	NONE	410-26241-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-011221	NONE	410-26241-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-011221	NONE	410-26241-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-011221	NONE	410-26241-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF1	GWTS-INF1-011221	METHOD	410-26241-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-INF1	GWTS-INF1-011221	METHOD	410-26241-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-INF1	GWTS-INF1-011221	METHOD	410-26241-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-INF1	GWTS-INF1-011221	NONE	410-26241-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-INF1	GWTS-INF1-011221	NONE	410-26241-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF1	GWTS-INF1-011221	NONE	410-26241-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-INF1	GWTS-INF1-011221	NONE	410-26241-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-A1-011221	METHOD	410-26240-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-A2-011221	METHOD	410-26240-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-A3-011221	METHOD	410-26240-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-B1-011221	METHOD	410-26240-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-B2-011221	METHOD	410-26240-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-B3-011221	METHOD	410-26240-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N

Table G-6-1
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well_location	sample_name	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit	detect_flag
GWTS-BFF-GAC2	GWTS-GAC2-A1-011221	METHOD	410-26240-1	106-93-4	1,2-Dibromoethane	0.0097	0.0097	ug/l	Y
GWTS-BFF-GAC2	GWTS-GAC2-A2-011221	METHOD	410-26240-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-A3-011221	METHOD	410-26240-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-B1-011221	METHOD	410-26240-1	106-93-4	1,2-Dibromoethane	0.011	0.011	ug/l	Y
GWTS-BFF-GAC2	GWTS-GAC2-B2-011221	METHOD	410-26240-1	106-93-4	1,2-Dibromoethane	0.01	0.01	ug/l	Y
GWTS-BFF-GAC2	GWTS-GAC2-B3-011221	METHOD	410-26240-1	106-93-4	1,2-Dibromoethane	0.01	0.01	ug/l	Y
GWTS-BFF-EFF1	GWTS-EFF1-020521	METHOD	410-28705-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF1	GWTS-EFF1-020521	METHOD	410-28705-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-EFF1	GWTS-EFF1-020521	METHOD	410-28705-1	106-93-4	1,2-Dibromoethane	< 0.02	0.02	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1-020521	NONE	410-28705-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1-020521	NONE	410-28705-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1-020521	NONE	410-28705-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1-020521	NONE	410-28705-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-020521	METHOD	410-28705-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-GAC1	GWTS-GAC1-020521	METHOD	410-28705-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-GAC1	GWTS-GAC1-020521	METHOD	410-28705-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-020521	NONE	410-28705-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-020521	NONE	410-28705-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-020521	NONE	410-28705-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-020521	NONE	410-28705-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF1	GWTS-INF1-020521	METHOD	410-28705-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-INF1	GWTS-INF1-020521	METHOD	410-28705-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-INF1	GWTS-INF1-020521	METHOD	410-28705-1	106-93-4	1,2-Dibromoethane	< 0.02	0.02	ug/l	N
GWTS-BFF-INF1	GWTS-INF1-020521	NONE	410-28705-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-INF1	GWTS-INF1-020521	NONE	410-28705-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF1	GWTS-INF1-020521	NONE	410-28705-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-INF1	GWTS-INF1-020521	NONE	410-28705-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-020521	METHOD	410-28705-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-020521	METHOD	410-28705-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-020521	METHOD	410-28705-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-020521	NONE	410-28705-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-020521	NONE	410-28705-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-020521	NONE	410-28705-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-020521	NONE	410-28705-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	METHOD	410-28705-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	METHOD	410-28705-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	METHOD	410-28705-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	NONE	410-28705-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	NONE	410-28705-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	NONE	410-28705-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	NONE	410-28705-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-020521	METHOD	410-28705-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-020521	METHOD	410-28705-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-020521	METHOD	410-28705-1	106-93-4	1,2-Dibromoethane	< 0.02	0.02	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-020521	NONE	410-28705-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-020521	NONE	410-28705-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-020521	NONE	410-28705-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-020521	NONE	410-28705-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-020521	METHOD	410-28705-1	7439-96-5	Manganese	0.0039	0.0039	mg/l	Y
GWTS-BFF-INF2	GWTS-INF2-020521	METHOD	410-28705-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-INF2	GWTS-INF2-020521	METHOD	410-28705-1	106-93-4	1,2-Dibromoethane	0.014	0.014	ug/l	Y
GWTS-BFF-INF2	GWTS-INF2-020521	NONE	410-28705-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-020521	NONE	410-28705-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-020521	NONE	410-28705-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-020521	NONE	410-28705-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N

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well_location	sample_name	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit	detect_flag
KAFB-106239	GW239-211-PreDis	NONE	410-30025-1	15541-45-4	Bromate	< 10	10	ug/l	N
KAFB-106239	GW239-211-PreDis	NONE	410-30025-1	14998-27-7	Chlorite	< 20	20	ug/l	N
KAFB-106239	GW239-211-PreDis	NONE	410-30025-1	14797-73-0	Perchlorate	0.17	0.17	ug/l	Y
KAFB-106239	IN2-211-PostDis	NONE	410-30025-1	15541-45-4	Bromate	< 10	10	ug/l	N
KAFB-106239	IN2-211-PostDis	NONE	410-30025-1	14998-27-7	Chlorite	< 20	20	ug/l	N
KAFB-106239	IN2-211-PostDis	NONE	410-30025-1	14797-73-0	Perchlorate	0.51	0.51	ug/l	Y
KAFB-106239	GW239-211-PostDis	NONE	410-30937-1	15541-45-4	Bromate	< 10	10	ug/l	N
KAFB-106239	GW239-211-PostDis	NONE	410-30937-1	14998-27-7	Chlorite	< 20	20	ug/l	N
KAFB-106239	GW239-211-PostDis	NONE	410-30937-1	14797-73-0	Perchlorate	0.15	0.15	ug/l	Y
GWTS-BFF-EFF2	GWTS-EFF2-030321	METHOD	410-31140-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030321	METHOD	410-31140-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030321	METHOD	410-31140-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030321	NONE	410-31140-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030321	NONE	410-31140-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030321	NONE	410-31140-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030321	NONE	410-31140-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030321	METHOD	410-31140-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030321	METHOD	410-31140-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030321	METHOD	410-31140-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030321	NONE	410-31140-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030321	NONE	410-31140-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030321	NONE	410-31140-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030321	NONE	410-31140-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030321	NONE	410-31140-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030321	METHOD	410-31140-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-INF2	GWTS-INF2-030321	METHOD	410-31140-1	7439-96-5	Manganese	0.032	0.032	mg/l	Y
GWTS-BFF-INF2	GWTS-INF2-030321	METHOD	410-31140-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030321	NONE	410-31140-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030321	NONE	410-31140-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030321	NONE	410-31140-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030421	METHOD	410-31289-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030421	METHOD	410-31289-1	7439-96-5	Manganese	0.0054	0.0054	mg/l	Y
GWTS-BFF-EFF2	GWTS-EFF2-030421	METHOD	410-31289-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030421	NONE	410-31289-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030421	NONE	410-31289-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030421	NONE	410-31289-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030421	NONE	410-31289-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030421	METHOD	410-31289-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030421	METHOD	410-31289-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030421	METHOD	410-31289-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030421	NONE	410-31289-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030421	NONE	410-31289-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030421	NONE	410-31289-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030421	NONE	410-31289-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030421	METHOD	410-31289-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-INF2	GWTS-INF2-030421	METHOD	410-31289-1	7439-96-5	Manganese	0.035	0.035	mg/l	Y
GWTS-BFF-INF2	GWTS-INF2-030421	METHOD	410-31289-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030421	NONE	410-31289-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030421	NONE	410-31289-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030421	NONE	410-31289-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030421	NONE	410-31289-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030521	METHOD	410-31471-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030521	METHOD	410-31471-1	7439-96-5	Manganese	0.0081	0.0081	mg/l	Y
GWTS-BFF-EFF2	GWTS-EFF2-030521	METHOD	410-31471-1	106-93-4	1,2-Dibromoethane	< 0.02	0.02	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030521	NONE	410-31471-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N

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well_location	sample_name	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit	detect_flag
GWTS-BFF-EFF2	GWTS-EFF2-030521	NONE	410-31471-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030521	NONE	410-31471-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030521	NONE	410-31471-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	METHOD	410-31471-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	METHOD	410-31471-1	7439-96-5	Manganese	0.0081	0.0081	mg/l	Y
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	METHOD	410-31471-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	NONE	410-31471-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	NONE	410-31471-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	NONE	410-31471-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	NONE	410-31471-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030521	METHOD	410-31471-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030521	METHOD	410-31471-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030521	METHOD	410-31471-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030521	NONE	410-31471-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030521	NONE	410-31471-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030521	NONE	410-31471-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030521	NONE	410-31471-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030521	METHOD	410-31471-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-INF2	GWTS-INF2-030521	METHOD	410-31471-1	7439-96-5	Manganese	0.031	0.031	mg/l	Y
GWTS-BFF-INF2	GWTS-INF2-030521	METHOD	410-31471-1	106-93-4	1,2-Dibromoethane	0.018	0.018	ug/l	Y
GWTS-BFF-INF2	GWTS-INF2-030521	NONE	410-31471-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030521	NONE	410-31471-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030521	NONE	410-31471-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030521	NONE	410-31471-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030621	METHOD	410-31600-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030621	METHOD	410-31600-1	7439-96-5	Manganese	0.0091	0.0091	mg/l	Y
GWTS-BFF-EFF2	GWTS-EFF2-030621	METHOD	410-31600-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030621	NONE	410-31600-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030621	NONE	410-31600-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030621	NONE	410-31600-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030621	NONE	410-31600-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030621	METHOD	410-31600-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030621	METHOD	410-31600-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030621	METHOD	410-31600-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030621	NONE	410-31600-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030621	NONE	410-31600-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030621	NONE	410-31600-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030621	NONE	410-31600-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030621	METHOD	410-31600-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-INF2	GWTS-INF2-030621	METHOD	410-31600-1	7439-96-5	Manganese	0.036	0.036	mg/l	Y
GWTS-BFF-INF2	GWTS-INF2-030621	METHOD	410-31600-1	106-93-4	1,2-Dibromoethane	0.015	0.015	ug/l	Y
GWTS-BFF-INF2	GWTS-INF2-030621	NONE	410-31600-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030621	NONE	410-31600-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030621	NONE	410-31600-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030621	NONE	410-31600-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030721	METHOD	410-31601-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030721	METHOD	410-31601-1	7439-96-5	Manganese	0.0061	0.0061	mg/l	Y
GWTS-BFF-EFF2	GWTS-EFF2-030721	METHOD	410-31601-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030721	NONE	410-31601-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030721	NONE	410-31601-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030721	NONE	410-31601-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030721	NONE	410-31601-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030721	METHOD	410-31601-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030721	METHOD	410-31601-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030721	METHOD	410-31601-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N

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well_location	sample_name	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit	detect_flag
GWTS-BFF-GAC2	GWTS-GAC2-030721	NONE	410-31601-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030721	NONE	410-31601-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030721	NONE	410-31601-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030721	NONE	410-31601-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030721	METHOD	410-31601-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-INF2	GWTS-INF2-030721	METHOD	410-31601-1	7439-96-5	Manganese	0.037	0.037	mg/l	Y
GWTS-BFF-INF2	GWTS-INF2-030721	METHOD	410-31601-1	106-93-4	1,2-Dibromoethane	0.014	0.014	ug/l	Y
GWTS-BFF-INF2	GWTS-INF2-030721	NONE	410-31601-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030721	NONE	410-31601-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030721	NONE	410-31601-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030721	NONE	410-31601-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030821	METHOD	410-31602-1	7439-89-6	Iron	< 0.10	0.1	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030821	METHOD	410-31602-1	7439-96-5	Manganese	0.0050	0.005	mg/l	Y
GWTS-BFF-EFF2	GWTS-EFF2-030821	METHOD	410-31602-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030821	NONE	410-31602-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030821	NONE	410-31602-1	108-88-3	Toluene	< 0.50	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030821	NONE	410-31602-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030821	NONE	410-31602-1	71-43-2	Benzene	< 0.50	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030821	METHOD	410-31602-1	7439-89-6	Iron	< 0.10	0.1	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030821	METHOD	410-31602-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030821	METHOD	410-31602-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030821	NONE	410-31602-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030821	NONE	410-31602-1	108-88-3	Toluene	< 0.50	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030821	NONE	410-31602-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030821	NONE	410-31602-1	71-43-2	Benzene	< 0.50	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030821	METHOD	410-31602-1	7439-89-6	Iron	< 0.10	0.1	mg/l	N
GWTS-BFF-INF2	GWTS-INF2-030821	METHOD	410-31602-1	7439-96-5	Manganese	0.038	0.038	mg/l	Y
GWTS-BFF-INF2	GWTS-INF2-030821	METHOD	410-31602-1	106-93-4	1,2-Dibromoethane	0.018	0.018	ug/l	Y
GWTS-BFF-INF2	GWTS-INF2-030821	NONE	410-31602-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030821	NONE	410-31602-1	108-88-3	Toluene	< 0.50	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030821	NONE	410-31602-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030821	NONE	410-31602-1	71-43-2	Benzene	< 0.50	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030921	METHOD	410-31799-1	7439-89-6	Iron	< 0.10	0.1	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030921	METHOD	410-31799-1	7439-96-5	Manganese	0.0059	0.0059	mg/l	Y
GWTS-BFF-EFF2	GWTS-EFF2-030921	METHOD	410-31799-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030921	NONE	410-31799-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030921	NONE	410-31799-1	108-88-3	Toluene	< 0.50	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030921	NONE	410-31799-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-030921	NONE	410-31799-1	71-43-2	Benzene	< 0.50	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030921	METHOD	410-31799-1	7439-89-6	Iron	< 0.10	0.1	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030921	METHOD	410-31799-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030921	METHOD	410-31799-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030921	NONE	410-31799-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030921	NONE	410-31799-1	108-88-3	Toluene	< 0.50	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030921	NONE	410-31799-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-030921	NONE	410-31799-1	71-43-2	Benzene	< 0.50	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030921	METHOD	410-31799-1	7439-89-6	Iron	< 0.10	0.1	mg/l	N
GWTS-BFF-INF2	GWTS-INF2-030921	METHOD	410-31799-1	7439-96-5	Manganese	0.036	0.036	mg/l	Y
GWTS-BFF-INF2	GWTS-INF2-030921	METHOD	410-31799-1	106-93-4	1,2-Dibromoethane	0.018	0.018	ug/l	Y
GWTS-BFF-INF2	GWTS-INF2-030921	NONE	410-31799-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030921	NONE	410-31799-1	108-88-3	Toluene	< 0.50	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030921	NONE	410-31799-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-030921	NONE	410-31799-1	71-43-2	Benzene	< 0.50	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-031021	METHOD	410-32032-1	7439-89-6	Iron	< 0.10	0.1	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-031021	METHOD	410-32032-1	7439-96-5	Manganese	0.0044	0.0044	mg/l	Y

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well_location	sample_name	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit	detect_flag
GWTS-BFF-EFF2	GWTS-EFF2-031021	METHOD	410-32032-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-031021	NONE	410-32032-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-031021	NONE	410-32032-1	108-88-3	Toluene	< 0.50	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-031021	NONE	410-32032-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-031021	NONE	410-32032-1	71-43-2	Benzene	< 0.50	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-031021	METHOD	410-32032-1	7439-89-6	Iron	< 0.10	0.1	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-031021	METHOD	410-32032-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-031021	METHOD	410-32032-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-031021	NONE	410-32032-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-031021	NONE	410-32032-1	108-88-3	Toluene	< 0.50	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-031021	NONE	410-32032-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-031021	NONE	410-32032-1	71-43-2	Benzene	< 0.50	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-031021	METHOD	410-32032-1	7439-89-6	Iron	< 0.10	0.1	mg/l	N
GWTS-BFF-INF2	GWTS-INF2-031021	METHOD	410-32032-1	7439-96-5	Manganese	0.037	0.037	mg/l	Y
GWTS-BFF-INF2	GWTS-INF2-031021	METHOD	410-32032-1	106-93-4	1,2-Dibromoethane	< 0.020	0.02	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-031021	NONE	410-32032-1	100-41-4	Ethylbenzene	< 0.80	0.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-031021	NONE	410-32032-1	108-88-3	Toluene	< 0.50	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-031021	NONE	410-32032-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-031021	NONE	410-32032-1	71-43-2	Benzene	< 0.50	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	NONE	410-32785-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	NONE	410-32785-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	NONE	410-32785-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	NONE	410-32785-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-031721	METHOD	410-32785-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-031721	METHOD	410-32785-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-031721	METHOD	410-32785-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-031721	NONE	410-32785-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-031721	NONE	410-32785-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-031721	NONE	410-32785-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-031721	NONE	410-32785-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	METHOD	410-32785-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	METHOD	410-32785-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	METHOD	410-32785-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-031721	METHOD	410-32785-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-031721	METHOD	410-32785-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-031721	METHOD	410-32785-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-031721	NONE	410-32785-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-031721	NONE	410-32785-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-031721	NONE	410-32785-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-031721	NONE	410-32785-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-031721	METHOD	410-32785-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-INF2	GWTS-INF2-031721	METHOD	410-32785-1	7439-96-5	Manganese	0.035	0.035	mg/l	Y
GWTS-BFF-INF2	GWTS-INF2-031721	METHOD	410-32785-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-031721	NONE	410-32785-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-031721	NONE	410-32785-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-031721	NONE	410-32785-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-031721	NONE	410-32785-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-032421	METHOD	410-33631-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-032421	METHOD	410-33631-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-032421	METHOD	410-33631-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-032421	NONE	410-33631-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-032421	NONE	410-33631-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-032421	NONE	410-33631-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-032421	NONE	410-33631-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-032421	METHOD	410-33631-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N

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well_location	sample_name	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit	detect_flag
GWTS-BFF-GAC2	GWTS-GAC2-032421	METHOD	410-33631-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-032421	METHOD	410-33631-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-032421	NONE	410-33631-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-032421	NONE	410-33631-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-032421	NONE	410-33631-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-032421	NONE	410-33631-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-032421	METHOD	410-33631-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-INF2	GWTS-INF2-032421	METHOD	410-33631-1	7439-96-5	Manganese	0.028	0.028	mg/l	Y
GWTS-BFF-INF2	GWTS-INF2-032421	METHOD	410-33631-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-032421	NONE	410-33631-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-032421	NONE	410-33631-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-032421	NONE	410-33631-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-032421	NONE	410-33631-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1-032421	METHOD	410-33631-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF1	GWTS-EFF1-032421	METHOD	410-33631-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-EFF1	GWTS-EFF1-032421	METHOD	410-33631-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1-032421	NONE	410-33631-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1-032421	NONE	410-33631-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1-032421	NONE	410-33631-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1-032421	NONE	410-33631-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	METHOD	410-33631-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	METHOD	410-33631-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	METHOD	410-33631-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	NONE	410-33631-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	NONE	410-33631-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	NONE	410-33631-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	NONE	410-33631-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-032421	METHOD	410-33631-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-GAC1	GWTS-GAC1-032421	METHOD	410-33631-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-GAC1	GWTS-GAC1-032421	METHOD	410-33631-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-032421	NONE	410-33631-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-032421	NONE	410-33631-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-032421	NONE	410-33631-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-GAC1	GWTS-GAC1-032421	NONE	410-33631-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF1	GWTS-INF1-032421	METHOD	410-33631-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-INF1	GWTS-INF1-032421	METHOD	410-33631-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-INF1	GWTS-INF1-032421	METHOD	410-33631-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-INF1	GWTS-INF1-032421	NONE	410-33631-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-INF1	GWTS-INF1-032421	NONE	410-33631-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF1	GWTS-INF1-032421	NONE	410-33631-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-INF1	GWTS-INF1-032421	NONE	410-33631-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-033121	METHOD	410-34304-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-033121	METHOD	410-34304-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-EFF2	GWTS-EFF2-033121	METHOD	410-34304-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-033121	NONE	410-34304-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-033121	NONE	410-34304-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-033121	NONE	410-34304-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-EFF2	GWTS-EFF2-033121	NONE	410-34304-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-033121	METHOD	410-34304-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-033121	METHOD	410-34304-1	7439-96-5	Manganese	< 0.0052	0.0052	mg/l	N
GWTS-BFF-GAC2	GWTS-GAC2-033121	METHOD	410-34304-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-033121	NONE	410-34304-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-033121	NONE	410-34304-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-033121	NONE	410-34304-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-GAC2	GWTS-GAC2-033121	NONE	410-34304-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	prep_method	lab_report[a]	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit	detect_flag
GWTS-BFF-INF2	GWTS-INF2-033121	METHOD	410-34304-1	7439-89-6	Iron	< 0.1	0.1	mg/l	N
GWTS-BFF-INF2	GWTS-INF2-033121	METHOD	410-34304-1	7439-96-5	Manganese	0.024	0.024	mg/l	Y
GWTS-BFF-INF2	GWTS-INF2-033121	METHOD	410-34304-1	106-93-4	1,2-Dibromoethane	< 0.019	0.019	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-033121	NONE	410-34304-1	100-41-4	Ethylbenzene	< 0.8	0.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-033121	NONE	410-34304-1	108-88-3	Toluene	< 0.5	0.5	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-033121	NONE	410-34304-1	1330-20-7	Xylenes, total	< 2.8	2.8	ug/l	N
GWTS-BFF-INF2	GWTS-INF2-033121	NONE	410-34304-1	71-43-2	Benzene	< 0.5	0.5	ug/l	N

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-EFF2	GWTS-EFF2-011221	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-011221	U	U*+	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-011221	UJ	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-011221	U	U	0.4	0.8	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-011221	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-011221	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-011221	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-011221	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-011221	U	U*+	0.0031	0.0052	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-011221	UJ	UM	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-011221	U	U	0.4	0.8	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-011221	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-011221	U	U	1.4	2.8	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-011221	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-011221	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-011221			0.0031	0.0052	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-011221	J	J	0.0096	0.019	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-011221	U	U	0.4	0.8	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-011221	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-011221	U	U	1.4	2.8	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-011221	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-011221	U	U	0.4	0.8	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-011221	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-011221	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-011221	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	U	U*+	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	U	U	0.4	0.8	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-011221	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-011221	U	U*+	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-011221	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-011221	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-011221	U	U*+	0.0031	0.0052	0.01	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-011221	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-011221	U	U	0.4	0.8	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-011221	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-011221	U	U	1.4	2.8	6	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-011221	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-011221	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-INF1	GWTS-INF1-011221	U	U*+	0.0031	0.0052	0.01	mg/l
GWTS-BFF-INF1	GWTS-INF1-011221	U	UM	0.0097	0.019	0.029	ug/l
GWTS-BFF-INF1	GWTS-INF1-011221	U	U	0.4	0.8	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-011221	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-011221	U	U	1.4	2.8	6	ug/l
GWTS-BFF-INF1	GWTS-INF1-011221	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-A1-011221	U	U	0.0097	0.019	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-A2-011221	U	U	0.0097	0.019	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-A3-011221	U	U	0.0097	0.019	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-B1-011221	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-B2-011221	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-B3-011221	U	U	0.0097	0.019	0.029	ug/l

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-GAC2	GWTS-GAC2-A1-011221	J	J	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-A2-011221	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-A3-011221	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-B1-011221	J	J	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-B2-011221	J	J	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-B3-011221	J	J	0.0096	0.019	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-020521	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-020521	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-020521	U	U	0.0099	0.02	0.03	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-020521	U	U	0.4	0.8	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-020521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-020521	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-020521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-020521	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-020521	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-020521	U	UM	0.0097	0.019	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-020521	U	U	0.4	0.8	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-020521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-020521	U	U	1.4	2.8	6	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-020521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-020521	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-INF1	GWTS-INF1-020521	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-INF1	GWTS-INF1-020521	U	U	0.0098	0.02	0.029	ug/l
GWTS-BFF-INF1	GWTS-INF1-020521	U	U	0.4	0.8	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-020521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-020521	U	U	1.4	2.8	6	ug/l
GWTS-BFF-INF1	GWTS-INF1-020521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-020521	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-020521	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-020521	U	U	0.0097	0.019	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-020521	U	U	0.4	0.8	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-020521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-020521	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-020521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	U	U	0.0097	0.019	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	U	U	0.4	0.8	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-020521	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-020521	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-020521	U	U	0.0098	0.02	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-020521	U	U	0.4	0.8	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-020521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-020521	U	U	1.4	2.8	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-020521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-020521	J	J	0.0031	0.0052	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-020521	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-020521	J	J	0.0098	0.02	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-020521	U	U	0.4	0.8	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-020521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-020521	U	U	1.4	2.8	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-020521	U	U	0.2	0.5	1	ug/l

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106239	GW239-211-PreDis	UJ	U	2	10	10	ug/l
KAFB-106239	GW239-211-PreDis	UJ	U	4	20	20	ug/l
KAFB-106239	GW239-211-PreDis	J		0.021	0.1	0.1	ug/l
KAFB-106239	IN2-211-PostDis	UJ	U	2	10	10	ug/l
KAFB-106239	IN2-211-PostDis	UJ	U	4	20	20	ug/l
KAFB-106239	IN2-211-PostDis	J		0.021	0.1	0.1	ug/l
KAFB-106239	GW239-211-PostDis	U	U	2	10	10	ug/l
KAFB-106239	GW239-211-PostDis	U	U	4	20	20	ug/l
KAFB-106239	GW239-211-PostDis			0.021	0.1	0.1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030321	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030321	U	U*+	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030321	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030321	U	U	0.4	0.8	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030321	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030321	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030321	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030321	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030321	U	U*+	0.0031	0.0052	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030321	U	U	0.0095	0.019	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030321	U	U	0.4	0.8	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030321	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030321	U	U	1.4	2.8	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030321	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030321	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030321	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-030321			0.0031	0.0052	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-030321	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-030321	U	U	0.4	0.8	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030321	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030321	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030421	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030421	J	J	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030421	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030421	U	U	0.4	0.8	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030421	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030421	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030421	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030421	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030421	U	U	0.4	0.8	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030421	U	U	1.4	2.8	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030421	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-030421			0.0031	0.0052	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-030421	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-030421	U	U	0.4	0.8	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030421	U	U	1.4	2.8	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-030421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030521	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030521	J	J	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030521	U	U	0.0099	0.02	0.03	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030521	U	U	0.4	0.8	1	ug/l

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-EFF2	GWTS-EFF2-030521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030521	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	J	J	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	U	U	0.0097	0.019	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	U	U	0.4	0.8	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030521	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030521	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030521	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030521	U	U	0.4	0.8	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030521	U	U	1.4	2.8	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030521	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-030521			0.0031	0.0052	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-030521	J	J	0.0096	0.019	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-030521	U	U	0.4	0.8	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030521	U	U	1.4	2.8	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-030521	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030621	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030621	J	J	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030621	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030621	U	U	0.4	0.8	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030621	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030621	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030621	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030621	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030621	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030621	U	U	0.0097	0.019	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030621	U	U	0.4	0.8	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030621	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030621	U	U	1.4	2.8	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030621	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030621	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-030621			0.0031	0.0052	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-030621	J	JM	0.0096	0.019	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-030621	U	U	0.4	0.8	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030621	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030621	U	U	1.4	2.8	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-030621	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030721	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030721	J	J	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030721	U	U	0.0097	0.019	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030721	U	U	0.4	0.8	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030721	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030721	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030721	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030721	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030721	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030721	U	U	0.0096	0.019	0.029	ug/l

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-GAC2	GWTS-GAC2-030721	U	U	0.4	0.8	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030721	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030721	U	U	1.4	2.8	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030721	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030721	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-030721			0.0031	0.0052	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-030721	J	JM	0.0096	0.019	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-030721	U	U	0.4	0.8	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030721	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030721	U	U	1.4	2.8	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-030721	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030821	U	U	0.041	0.10	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030821	J	J	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030821	U	UM	0.0097	0.019	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030821	U	U	0.40	0.80	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030821	U	U	0.20	0.50	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030821	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030821	U	U	0.20	0.50	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030821	U	U	0.041	0.10	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030821	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030821	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030821	U	U	0.40	0.80	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030821	U	U	0.20	0.50	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030821	U	U	1.4	2.8	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030821	U	U	0.20	0.50	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030821	U	U	0.041	0.10	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-030821			0.0031	0.0052	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-030821	J	JM	0.0096	0.019	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-030821	U	U	0.40	0.80	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030821	U	U	0.20	0.50	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030821	U	U	1.4	2.8	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-030821	U	U	0.20	0.50	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030921	U	U	0.041	0.10	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030921	J	J	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030921	U	U	0.0095	0.019	0.028	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030921	U	U	0.40	0.80	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030921	U	U	0.20	0.50	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030921	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030921	U	U	0.20	0.50	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030921	U	U	0.041	0.10	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030921	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030921	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030921	U	U	0.40	0.80	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030921	U	U	0.20	0.50	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030921	U	U	1.4	2.8	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030921	U	U	0.20	0.50	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030921	U	U	0.041	0.10	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-030921			0.0031	0.0052	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-030921	J	J	0.0096	0.019	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-030921	U	U	0.40	0.80	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030921	U	U	0.20	0.50	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030921	U	U	1.4	2.8	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-030921	U	U	0.20	0.50	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031021	U	U	0.041	0.10	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-031021	J	J	0.0031	0.0052	0.01	mg/l

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-EFF2	GWTS-EFF2-031021	U	U	0.0097	0.019	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031021	U	U	0.40	0.80	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031021	U	U	0.20	0.50	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031021	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031021	U	U	0.20	0.50	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031021	U	U	0.041	0.10	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-031021	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-031021	U	U	0.0095	0.019	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031021	U	U	0.40	0.80	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031021	U	U	0.20	0.50	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031021	U	U	1.4	2.8	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031021	U	U	0.20	0.50	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-031021	U	U	0.041	0.10	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-031021			0.0031	0.0052	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-031021	U	U	0.0098	0.020	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-031021	U	U	0.40	0.80	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-031021	U	U	0.20	0.50	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-031021	U	U	1.4	2.8	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-031021	U	U	0.20	0.50	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	U	U	0.4	0.8	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031721	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-031721	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-031721	U	U	0.0097	0.019	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031721	U	U	0.4	0.8	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031721	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031721	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031721	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031721	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-031721	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-031721	U	UFH	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031721	U	U	0.4	0.8	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031721	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031721	U	U	1.4	2.8	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031721	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-031721	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-031721			0.0031	0.0052	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-031721	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-031721	U	U	0.4	0.8	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-031721	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-031721	U	U	1.4	2.8	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-031721	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-032421	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-032421	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-032421	U	U	0.0095	0.019	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-032421	U	U	0.4	0.8	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-032421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-032421	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-032421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-032421	U	U	0.041	0.1	0.21	mg/l

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-GAC2	GWTS-GAC2-032421	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-032421	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-032421	U	U	0.4	0.8	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-032421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-032421	U	U	1.4	2.8	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-032421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-032421	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-032421			0.0031	0.0052	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-032421	U	U	0.0097	0.019	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-032421	U	U	0.4	0.8	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-032421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-032421	U	U	1.4	2.8	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-032421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-032421	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-032421	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-032421	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-032421	U	U	0.4	0.8	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-032421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-032421	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-032421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	U	U	0.4	0.8	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-032421	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-032421	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-032421	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-032421	U	U	0.0096	0.019	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-032421	U	U	0.4	0.8	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-032421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-032421	U	U	1.4	2.8	6	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-032421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-032421	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-INF1	GWTS-INF1-032421	U	U	0.0031	0.0052	0.01	mg/l
GWTS-BFF-INF1	GWTS-INF1-032421	U	U	0.0095	0.019	0.029	ug/l
GWTS-BFF-INF1	GWTS-INF1-032421	U	U	0.4	0.8	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-032421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-032421	U	U	1.4	2.8	6	ug/l
GWTS-BFF-INF1	GWTS-INF1-032421	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-033121	U	U*+	0.041	0.1	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-033121	U	U*+	0.0031	0.0052	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-033121	U	U^c	0.0096	0.019	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-033121	U	U	0.4	0.8	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-033121	U	U	0.2	0.5	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-033121	U	U	1.4	2.8	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-033121	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-033121	U	U*+	0.041	0.1	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-033121	U	U*+	0.0031	0.0052	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-033121	U	U^c	0.0097	0.019	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-033121	U	U	0.4	0.8	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-033121	U	U	0.2	0.5	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-033121	U	U	1.4	2.8	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-033121	U	U	0.2	0.5	1	ug/l

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	interpreted_qualifiers	lab_qualifiers[b]	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-INF2	GWTS-INF2-033121	U	U	0.041	0.1	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-033121			0.0031	0.0052	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-033121	U	U^c	0.0096	0.019	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-033121	U	U	0.4	0.8	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-033121	U	U	0.2	0.5	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-033121	U	U	1.4	2.8	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-033121	U	U	0.2	0.5	1	ug/l

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]
GWTS-BFF-EFF2	GWTS-EFF2-011221	1.0	NS	NS	1
GWTS-BFF-EFF2	GWTS-EFF2-011221	0.2	NS	NS	0.2
GWTS-BFF-EFF2	GWTS-EFF2-011221	0.05	0.05	0.075	0.05
GWTS-BFF-EFF2	GWTS-EFF2-011221	750	700	15	700
GWTS-BFF-EFF2	GWTS-EFF2-011221	1,000	1000	1100	1,000
GWTS-BFF-EFF2	GWTS-EFF2-011221	620	10000	190	620
GWTS-BFF-EFF2	GWTS-EFF2-011221	10	5	4.6	5
GWTS-BFF-GAC2	GWTS-GAC2-011221	1.0	NS	NS	1
GWTS-BFF-GAC2	GWTS-GAC2-011221	0.2	NS	NS	0.2
GWTS-BFF-GAC2	GWTS-GAC2-011221	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-011221	750	700	15	700
GWTS-BFF-GAC2	GWTS-GAC2-011221	1,000	1000	1100	1,000
GWTS-BFF-GAC2	GWTS-GAC2-011221	620	10000	190	620
GWTS-BFF-GAC2	GWTS-GAC2-011221	10	5	4.6	5
GWTS-BFF-INF2	GWTS-INF2-011221	1.0	NS	NS	1
GWTS-BFF-INF2	GWTS-INF2-011221	0.2	NS	NS	0.2
GWTS-BFF-INF2	GWTS-INF2-011221	0.05	0.05	0.075	0.05
GWTS-BFF-INF2	GWTS-INF2-011221	750	700	15	700
GWTS-BFF-INF2	GWTS-INF2-011221	1,000	1000	1100	1,000
GWTS-BFF-INF2	GWTS-INF2-011221	620	10000	190	620
GWTS-BFF-INF2	GWTS-INF2-011221	10	5	4.6	5
GWTS-BFF-EFF1	GWTS-EFF1-011221	750	700	15	700
GWTS-BFF-EFF1	GWTS-EFF1-011221	1,000	1000	1100	1,000
GWTS-BFF-EFF1	GWTS-EFF1-011221	620	10000	190	620
GWTS-BFF-EFF1	GWTS-EFF1-011221	10	5	4.6	5
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1.0	NS	NS	1
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	0.2	NS	NS	0.2
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	0.05	0.05	0.075	0.05
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	750	700	15	700
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1,000	1000	1100	1,000
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	620	10000	190	620
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	10	5	4.6	5
GWTS-BFF-EFF1	GWTS-EFF1-011221	1.0	NS	NS	1
GWTS-BFF-EFF1	GWTS-EFF1-011221	0.2	NS	NS	0.2
GWTS-BFF-EFF1	GWTS-EFF1-011221	0.05	0.05	0.075	0.05
GWTS-BFF-GAC1	GWTS-GAC1-011221	1.0	NS	NS	1
GWTS-BFF-GAC1	GWTS-GAC1-011221	0.2	NS	NS	0.2
GWTS-BFF-GAC1	GWTS-GAC1-011221	0.05	0.05	0.075	0.05
GWTS-BFF-GAC1	GWTS-GAC1-011221	750	700	15	700
GWTS-BFF-GAC1	GWTS-GAC1-011221	1,000	1000	1100	1,000
GWTS-BFF-GAC1	GWTS-GAC1-011221	620	10000	190	620
GWTS-BFF-GAC1	GWTS-GAC1-011221	10	5	4.6	5
GWTS-BFF-INF1	GWTS-INF1-011221	1.0	NS	NS	1
GWTS-BFF-INF1	GWTS-INF1-011221	0.2	NS	NS	0.2
GWTS-BFF-INF1	GWTS-INF1-011221	0.05	0.05	0.075	0.05
GWTS-BFF-INF1	GWTS-INF1-011221	750	700	15	700
GWTS-BFF-INF1	GWTS-INF1-011221	1,000	1000	1100	1,000
GWTS-BFF-INF1	GWTS-INF1-011221	620	10000	190	620
GWTS-BFF-INF1	GWTS-INF1-011221	10	5	4.6	5
GWTS-BFF-GAC1	GWTS-GAC1-A1-011221	0.05	0.05	0.075	0.05
GWTS-BFF-GAC1	GWTS-GAC1-A2-011221	0.05	0.05	0.075	0.05
GWTS-BFF-GAC1	GWTS-GAC1-A3-011221	0.05	0.05	0.075	0.05
GWTS-BFF-GAC1	GWTS-GAC1-B1-011221	0.05	0.05	0.075	0.05
GWTS-BFF-GAC1	GWTS-GAC1-B2-011221	0.05	0.05	0.075	0.05
GWTS-BFF-GAC1	GWTS-GAC1-B3-011221	0.05	0.05	0.075	0.05

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]
GWTS-BFF-GAC2	GWTS-GAC2-A1-011221	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-A2-011221	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-A3-011221	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-B1-011221	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-B2-011221	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-B3-011221	0.05	0.05	0.075	0.05
GWTS-BFF-EFF1	GWTS-EFF1-020521	1.0	NS	NS	1
GWTS-BFF-EFF1	GWTS-EFF1-020521	0.2	NS	NS	0.2
GWTS-BFF-EFF1	GWTS-EFF1-020521	0.05	0.05	0.075	0.05
GWTS-BFF-EFF1	GWTS-EFF1-020521	750	700	15	700
GWTS-BFF-EFF1	GWTS-EFF1-020521	1,000	1000	1100	1,000
GWTS-BFF-EFF1	GWTS-EFF1-020521	620	10000	190	620
GWTS-BFF-EFF1	GWTS-EFF1-020521	10	5	4.6	5
GWTS-BFF-GAC1	GWTS-GAC1-020521	1.0	NS	NS	1
GWTS-BFF-GAC1	GWTS-GAC1-020521	0.2	NS	NS	0.2
GWTS-BFF-GAC1	GWTS-GAC1-020521	0.05	0.05	0.075	0.05
GWTS-BFF-GAC1	GWTS-GAC1-020521	750	700	15	700
GWTS-BFF-GAC1	GWTS-GAC1-020521	1,000	1000	1100	1,000
GWTS-BFF-GAC1	GWTS-GAC1-020521	620	10000	190	620
GWTS-BFF-GAC1	GWTS-GAC1-020521	10	5	4.6	5
GWTS-BFF-INF1	GWTS-INF1-020521	0.2	NS	NS	0.2
GWTS-BFF-INF1	GWTS-INF1-020521	1.0	NS	NS	1
GWTS-BFF-INF1	GWTS-INF1-020521	0.05	0.05	0.075	0.05
GWTS-BFF-INF1	GWTS-INF1-020521	750	700	15	700
GWTS-BFF-INF1	GWTS-INF1-020521	1,000	1000	1100	1,000
GWTS-BFF-INF1	GWTS-INF1-020521	620	10000	190	620
GWTS-BFF-INF1	GWTS-INF1-020521	10	5	4.6	5
GWTS-BFF-EFF2	GWTS-EFF2-020521	0.2	NS	NS	0.2
GWTS-BFF-EFF2	GWTS-EFF2-020521	1.0	NS	NS	1
GWTS-BFF-EFF2	GWTS-EFF2-020521	0.05	0.05	0.075	0.05
GWTS-BFF-EFF2	GWTS-EFF2-020521	750	700	15	700
GWTS-BFF-EFF2	GWTS-EFF2-020521	1,000	1000	1100	1,000
GWTS-BFF-EFF2	GWTS-EFF2-020521	620	10000	190	620
GWTS-BFF-EFF2	GWTS-EFF2-020521	10	5	4.6	5
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	1.0	NS	NS	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	0.2	NS	NS	0.2
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	0.05	0.05	0.075	0.05
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	750	700	15	700
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	1,000	1000	1100	1,000
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	620	10000	190	620
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	10	5	4.6	5
GWTS-BFF-GAC2	GWTS-GAC2-020521	0.2	NS	NS	0.2
GWTS-BFF-GAC2	GWTS-GAC2-020521	1.0	NS	NS	1
GWTS-BFF-GAC2	GWTS-GAC2-020521	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-020521	750	700	15	700
GWTS-BFF-GAC2	GWTS-GAC2-020521	1,000	1000	1100	1,000
GWTS-BFF-GAC2	GWTS-GAC2-020521	620	10000	190	620
GWTS-BFF-GAC2	GWTS-GAC2-020521	10	5	4.6	5
GWTS-BFF-INF2	GWTS-INF2-020521	0.2	NS	NS	0.2
GWTS-BFF-INF2	GWTS-INF2-020521	1.0	NS	NS	1
GWTS-BFF-INF2	GWTS-INF2-020521	0.05	0.05	0.075	0.05
GWTS-BFF-INF2	GWTS-INF2-020521	750	700	15	700
GWTS-BFF-INF2	GWTS-INF2-020521	1,000	1000	1100	1,000
GWTS-BFF-INF2	GWTS-INF2-020521	620	10000	190	620
GWTS-BFF-INF2	GWTS-INF2-020521	10	5	4.6	5

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]
KAFB-106239	GW239-211-PreDis	NS	10	1.1	10
KAFB-106239	GW239-211-PreDis	NS	1000	600	1000
KAFB-106239	GW239-211-PreDis	NS	15	14	15
KAFB-106239	IN2-211-PostDis	NS	10	1.1	10
KAFB-106239	IN2-211-PostDis	NS	1000	600	1000
KAFB-106239	IN2-211-PostDis	NS	15	14	15
KAFB-106239	GW239-211-PostDis	NS	10	1.1	10
KAFB-106239	GW239-211-PostDis	NS	1000	600	1000
KAFB-106239	GW239-211-PostDis	NS	15	14	15
GWTS-BFF-EFF2	GWTS-EFF2-030321	1.0	NS	NS	1
GWTS-BFF-EFF2	GWTS-EFF2-030321	0.2	NS	NS	0.2
GWTS-BFF-EFF2	GWTS-EFF2-030321	0.05	0.05	0.075	0.05
GWTS-BFF-EFF2	GWTS-EFF2-030321	750	700	15	700
GWTS-BFF-EFF2	GWTS-EFF2-030321	1,000	1000	1100	1,000
GWTS-BFF-EFF2	GWTS-EFF2-030321	620	10000	190	620
GWTS-BFF-EFF2	GWTS-EFF2-030321	10	5	4.6	5
GWTS-BFF-GAC2	GWTS-GAC2-030321	1.0	NS	NS	1
GWTS-BFF-GAC2	GWTS-GAC2-030321	0.2	NS	NS	0.2
GWTS-BFF-GAC2	GWTS-GAC2-030321	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-030321	750	700	15	700
GWTS-BFF-GAC2	GWTS-GAC2-030321	1,000	1000	1100	1,000
GWTS-BFF-GAC2	GWTS-GAC2-030321	620	10000	190	620
GWTS-BFF-GAC2	GWTS-GAC2-030321	10	5	4.6	5
GWTS-BFF-INF2	GWTS-INF2-030321	10	5	4.6	5
GWTS-BFF-INF2	GWTS-INF2-030321	1.0	NS	NS	1
GWTS-BFF-INF2	GWTS-INF2-030321	0.2	NS	NS	0.2
GWTS-BFF-INF2	GWTS-INF2-030321	0.05	0.05	0.075	0.05
GWTS-BFF-INF2	GWTS-INF2-030321	750	700	15	700
GWTS-BFF-INF2	GWTS-INF2-030321	1,000	1000	1100	1,000
GWTS-BFF-INF2	GWTS-INF2-030321	620	10000	190	620
GWTS-BFF-EFF2	GWTS-EFF2-030421	1.0	NS	NS	1
GWTS-BFF-EFF2	GWTS-EFF2-030421	0.2	NS	NS	0.2
GWTS-BFF-EFF2	GWTS-EFF2-030421	0.05	0.05	0.075	0.05
GWTS-BFF-EFF2	GWTS-EFF2-030421	750	700	15	700
GWTS-BFF-EFF2	GWTS-EFF2-030421	1,000	1000	1100	1,000
GWTS-BFF-EFF2	GWTS-EFF2-030421	620	10000	190	620
GWTS-BFF-EFF2	GWTS-EFF2-030421	10	5	4.6	5
GWTS-BFF-GAC2	GWTS-GAC2-030421	1.0	NS	NS	1
GWTS-BFF-GAC2	GWTS-GAC2-030421	0.2	NS	NS	0.2
GWTS-BFF-GAC2	GWTS-GAC2-030421	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-030421	750	700	15	700
GWTS-BFF-GAC2	GWTS-GAC2-030421	1,000	1000	1100	1,000
GWTS-BFF-GAC2	GWTS-GAC2-030421	620	10000	190	620
GWTS-BFF-GAC2	GWTS-GAC2-030421	10	5	4.6	5
GWTS-BFF-INF2	GWTS-INF2-030421	1.0	NS	NS	1
GWTS-BFF-INF2	GWTS-INF2-030421	0.2	NS	NS	0.2
GWTS-BFF-INF2	GWTS-INF2-030421	0.05	0.05	0.075	0.05
GWTS-BFF-INF2	GWTS-INF2-030421	750	700	15	700
GWTS-BFF-INF2	GWTS-INF2-030421	1,000	1000	1100	1,000
GWTS-BFF-INF2	GWTS-INF2-030421	620	10000	190	620
GWTS-BFF-INF2	GWTS-INF2-030421	10	5	4.6	5
GWTS-BFF-EFF2	GWTS-EFF2-030521	1.0	NS	NS	1
GWTS-BFF-EFF2	GWTS-EFF2-030521	0.2	NS	NS	0.2
GWTS-BFF-EFF2	GWTS-EFF2-030521	0.05	0.05	0.075	0.05
GWTS-BFF-EFF2	GWTS-EFF2-030521	750	700	15	700

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]
GWTS-BFF-EFF2	GWTS-EFF2-030521	1,000	1000	1100	1,000
GWTS-BFF-EFF2	GWTS-EFF2-030521	620	10000	190	620
GWTS-BFF-EFF2	GWTS-EFF2-030521	10	5	4.6	5
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	1.0	NS	NS	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	0.2	NS	NS	0.2
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	0.05	0.05	0.075	0.05
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	750	700	15	700
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	1,000	1000	1100	1,000
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	620	10000	190	620
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	10	5	4.6	5
GWTS-BFF-GAC2	GWTS-GAC2-030521	1.0	NS	NS	1
GWTS-BFF-GAC2	GWTS-GAC2-030521	0.2	NS	NS	0.2
GWTS-BFF-GAC2	GWTS-GAC2-030521	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-030521	750	700	15	700
GWTS-BFF-GAC2	GWTS-GAC2-030521	1,000	1000	1100	1,000
GWTS-BFF-GAC2	GWTS-GAC2-030521	620	10000	190	620
GWTS-BFF-GAC2	GWTS-GAC2-030521	10	5	4.6	5
GWTS-BFF-INF2	GWTS-INF2-030521	1.0	NS	NS	1
GWTS-BFF-INF2	GWTS-INF2-030521	0.2	NS	NS	0.2
GWTS-BFF-INF2	GWTS-INF2-030521	0.05	0.05	0.075	0.05
GWTS-BFF-INF2	GWTS-INF2-030521	750	700	15	700
GWTS-BFF-INF2	GWTS-INF2-030521	1,000	1000	1100	1,000
GWTS-BFF-INF2	GWTS-INF2-030521	620	10000	190	620
GWTS-BFF-INF2	GWTS-INF2-030521	10	5	4.6	5
GWTS-BFF-EFF2	GWTS-EFF2-030621	1.0	NS	NS	1
GWTS-BFF-EFF2	GWTS-EFF2-030621	0.2	NS	NS	0.2
GWTS-BFF-EFF2	GWTS-EFF2-030621	0.05	0.05	0.075	0.05
GWTS-BFF-EFF2	GWTS-EFF2-030621	750	700	15	700
GWTS-BFF-EFF2	GWTS-EFF2-030621	1,000	1000	1100	1,000
GWTS-BFF-EFF2	GWTS-EFF2-030621	620	10000	190	620
GWTS-BFF-EFF2	GWTS-EFF2-030621	10	5	4.6	5
GWTS-BFF-GAC2	GWTS-GAC2-030621	1.0	NS	NS	1
GWTS-BFF-GAC2	GWTS-GAC2-030621	0.2	NS	NS	0.2
GWTS-BFF-GAC2	GWTS-GAC2-030621	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-030621	750	700	15	700
GWTS-BFF-GAC2	GWTS-GAC2-030621	1,000	1000	1100	1,000
GWTS-BFF-GAC2	GWTS-GAC2-030621	620	10000	190	620
GWTS-BFF-GAC2	GWTS-GAC2-030621	10	5	4.6	5
GWTS-BFF-INF2	GWTS-INF2-030621	1.0	NS	NS	1
GWTS-BFF-INF2	GWTS-INF2-030621	0.2	NS	NS	0.2
GWTS-BFF-INF2	GWTS-INF2-030621	0.05	0.05	0.075	0.05
GWTS-BFF-INF2	GWTS-INF2-030621	750	700	15	700
GWTS-BFF-INF2	GWTS-INF2-030621	1,000	1000	1100	1,000
GWTS-BFF-INF2	GWTS-INF2-030621	620	10000	190	620
GWTS-BFF-INF2	GWTS-INF2-030621	10	5	4.6	5
GWTS-BFF-EFF2	GWTS-EFF2-030721	1.0	NS	NS	1
GWTS-BFF-EFF2	GWTS-EFF2-030721	0.2	NS	NS	0.2
GWTS-BFF-EFF2	GWTS-EFF2-030721	0.05	0.05	0.075	0.05
GWTS-BFF-EFF2	GWTS-EFF2-030721	750	700	15	700
GWTS-BFF-EFF2	GWTS-EFF2-030721	1,000	1000	1100	1,000
GWTS-BFF-EFF2	GWTS-EFF2-030721	620	10000	190	620
GWTS-BFF-EFF2	GWTS-EFF2-030721	10	5	4.6	5
GWTS-BFF-GAC2	GWTS-GAC2-030721	1.0	NS	NS	1
GWTS-BFF-GAC2	GWTS-GAC2-030721	0.2	NS	NS	0.2
GWTS-BFF-GAC2	GWTS-GAC2-030721	0.05	0.05	0.075	0.05

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]
GWTS-BFF-GAC2	GWTS-GAC2-030721	750	700	15	700
GWTS-BFF-GAC2	GWTS-GAC2-030721	1,000	1000	1100	1,000
GWTS-BFF-GAC2	GWTS-GAC2-030721	620	10000	190	620
GWTS-BFF-GAC2	GWTS-GAC2-030721	10	5	4.6	5
GWTS-BFF-INF2	GWTS-INF2-030721	1.0	NS	NS	1
GWTS-BFF-INF2	GWTS-INF2-030721	0.2	NS	NS	0.2
GWTS-BFF-INF2	GWTS-INF2-030721	0.05	0.05	0.075	0.05
GWTS-BFF-INF2	GWTS-INF2-030721	750	700	15	700
GWTS-BFF-INF2	GWTS-INF2-030721	1,000	1000	1100	1,000
GWTS-BFF-INF2	GWTS-INF2-030721	620	10000	190	620
GWTS-BFF-INF2	GWTS-INF2-030721	10	5	4.6	5
GWTS-BFF-EFF2	GWTS-EFF2-030821	1.0	NS	NS	1
GWTS-BFF-EFF2	GWTS-EFF2-030821	0.2	NS	NS	0.2
GWTS-BFF-EFF2	GWTS-EFF2-030821	0.05	0.05	0.075	0.05
GWTS-BFF-EFF2	GWTS-EFF2-030821	750	700	15	700
GWTS-BFF-EFF2	GWTS-EFF2-030821	1,000	1000	1100	1,000
GWTS-BFF-EFF2	GWTS-EFF2-030821	620	10000	190	620
GWTS-BFF-EFF2	GWTS-EFF2-030821	10	5	4.6	5
GWTS-BFF-GAC2	GWTS-GAC2-030821	1.0	NS	NS	1
GWTS-BFF-GAC2	GWTS-GAC2-030821	0.2	NS	NS	0.2
GWTS-BFF-GAC2	GWTS-GAC2-030821	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-030821	750	700	15	700
GWTS-BFF-GAC2	GWTS-GAC2-030821	1,000	1000	1100	1,000
GWTS-BFF-GAC2	GWTS-GAC2-030821	620	10000	190	620
GWTS-BFF-GAC2	GWTS-GAC2-030821	10	5	4.6	5
GWTS-BFF-INF2	GWTS-INF2-030821	1.0	NS	NS	1
GWTS-BFF-INF2	GWTS-INF2-030821	0.2	NS	NS	0.2
GWTS-BFF-INF2	GWTS-INF2-030821	0.05	0.05	0.075	0.05
GWTS-BFF-INF2	GWTS-INF2-030821	750	700	15	700
GWTS-BFF-INF2	GWTS-INF2-030821	1,000	1000	1100	1,000
GWTS-BFF-INF2	GWTS-INF2-030821	620	10000	190	620
GWTS-BFF-INF2	GWTS-INF2-030821	10	5	4.6	5
GWTS-BFF-EFF2	GWTS-EFF2-030921	1.0	NS	NS	1
GWTS-BFF-EFF2	GWTS-EFF2-030921	0.2	NS	NS	0.2
GWTS-BFF-EFF2	GWTS-EFF2-030921	0.05	0.05	0.075	0.05
GWTS-BFF-EFF2	GWTS-EFF2-030921	750	700	15	700
GWTS-BFF-EFF2	GWTS-EFF2-030921	1,000	1000	1100	1,000
GWTS-BFF-EFF2	GWTS-EFF2-030921	620	10000	190	620
GWTS-BFF-EFF2	GWTS-EFF2-030921	10	5	4.6	5
GWTS-BFF-GAC2	GWTS-GAC2-030921	1.0	NS	NS	1
GWTS-BFF-GAC2	GWTS-GAC2-030921	0.2	NS	NS	0.2
GWTS-BFF-GAC2	GWTS-GAC2-030921	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-030921	750	700	15	700
GWTS-BFF-GAC2	GWTS-GAC2-030921	1,000	1000	1100	1,000
GWTS-BFF-GAC2	GWTS-GAC2-030921	620	10000	190	620
GWTS-BFF-GAC2	GWTS-GAC2-030921	10	5	4.6	5
GWTS-BFF-INF2	GWTS-INF2-030921	1.0	NS	NS	1
GWTS-BFF-INF2	GWTS-INF2-030921	0.2	NS	NS	0.2
GWTS-BFF-INF2	GWTS-INF2-030921	0.05	0.05	0.075	0.05
GWTS-BFF-INF2	GWTS-INF2-030921	750	700	15	700
GWTS-BFF-INF2	GWTS-INF2-030921	1,000	1000	1100	1,000
GWTS-BFF-INF2	GWTS-INF2-030921	620	10000	190	620
GWTS-BFF-INF2	GWTS-INF2-030921	10	5	4.6	5
GWTS-BFF-EFF2	GWTS-EFF2-031021	1.0	NS	NS	1
GWTS-BFF-EFF2	GWTS-EFF2-031021	0.2	NS	NS	0.2

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]
GWTS-BFF-EFF2	GWTS-EFF2-031021	0.05	0.05	0.075	0.05
GWTS-BFF-EFF2	GWTS-EFF2-031021	750	700	15	700
GWTS-BFF-EFF2	GWTS-EFF2-031021	1,000	1000	1100	1,000
GWTS-BFF-EFF2	GWTS-EFF2-031021	620	10000	190	620
GWTS-BFF-EFF2	GWTS-EFF2-031021	10	5	4.6	5
GWTS-BFF-GAC2	GWTS-GAC2-031021	1.0	NS	NS	1
GWTS-BFF-GAC2	GWTS-GAC2-031021	0.2	NS	NS	0.2
GWTS-BFF-GAC2	GWTS-GAC2-031021	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-031021	750	700	15	700
GWTS-BFF-GAC2	GWTS-GAC2-031021	1,000	1000	1100	1,000
GWTS-BFF-GAC2	GWTS-GAC2-031021	620	10000	190	620
GWTS-BFF-GAC2	GWTS-GAC2-031021	10	5	4.6	5
GWTS-BFF-INF2	GWTS-INF2-031021	1.0	NS	NS	1
GWTS-BFF-INF2	GWTS-INF2-031021	0.2	NS	NS	0.2
GWTS-BFF-INF2	GWTS-INF2-031021	0.05	0.05	0.075	0.05
GWTS-BFF-INF2	GWTS-INF2-031021	750	700	15	700
GWTS-BFF-INF2	GWTS-INF2-031021	1,000	1000	1100	1,000
GWTS-BFF-INF2	GWTS-INF2-031021	620	10000	190	620
GWTS-BFF-INF2	GWTS-INF2-031021	10	5	4.6	5
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	750	700	15	700
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	1,000	1000	1100	1,000
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	620	10000	190	620
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	10	5	4.6	5
GWTS-BFF-EFF2	GWTS-EFF2-031721	1.0	NS	NS	1
GWTS-BFF-EFF2	GWTS-EFF2-031721	0.2	NS	NS	0.2
GWTS-BFF-EFF2	GWTS-EFF2-031721	0.05	0.05	0.075	0.05
GWTS-BFF-EFF2	GWTS-EFF2-031721	750	700	15	700
GWTS-BFF-EFF2	GWTS-EFF2-031721	1,000	1000	1100	1,000
GWTS-BFF-EFF2	GWTS-EFF2-031721	620	10000	190	620
GWTS-BFF-EFF2	GWTS-EFF2-031721	10	5	4.6	5
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	1.0	NS	NS	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	0.2	NS	NS	0.2
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-031721	1.0	NS	NS	1
GWTS-BFF-GAC2	GWTS-GAC2-031721	0.2	NS	NS	0.2
GWTS-BFF-GAC2	GWTS-GAC2-031721	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-031721	750	700	15	700
GWTS-BFF-GAC2	GWTS-GAC2-031721	1,000	1000	1100	1,000
GWTS-BFF-GAC2	GWTS-GAC2-031721	620	10000	190	620
GWTS-BFF-GAC2	GWTS-GAC2-031721	10	5	4.6	5
GWTS-BFF-INF2	GWTS-INF2-031721	1.0	NS	NS	1
GWTS-BFF-INF2	GWTS-INF2-031721	0.2	NS	NS	0.2
GWTS-BFF-INF2	GWTS-INF2-031721	0.05	0.05	0.075	0.05
GWTS-BFF-INF2	GWTS-INF2-031721	750	700	15	700
GWTS-BFF-INF2	GWTS-INF2-031721	1,000	1000	1100	1,000
GWTS-BFF-INF2	GWTS-INF2-031721	620	10000	190	620
GWTS-BFF-INF2	GWTS-INF2-031721	10	5	4.6	5
GWTS-BFF-EFF2	GWTS-EFF2-032421	1.0	NS	NS	1
GWTS-BFF-EFF2	GWTS-EFF2-032421	0.2	NS	NS	0.2
GWTS-BFF-EFF2	GWTS-EFF2-032421	0.05	0.05	0.075	0.05
GWTS-BFF-EFF2	GWTS-EFF2-032421	750	700	15	700
GWTS-BFF-EFF2	GWTS-EFF2-032421	1,000	1000	1100	1,000
GWTS-BFF-EFF2	GWTS-EFF2-032421	620	10000	190	620
GWTS-BFF-EFF2	GWTS-EFF2-032421	10	5	4.6	5
GWTS-BFF-GAC2	GWTS-GAC2-032421	1.0	NS	NS	1

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]
GWTS-BFF-GAC2	GWTS-GAC2-032421	0.2	NS	NS	0.2
GWTS-BFF-GAC2	GWTS-GAC2-032421	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-032421	750	700	15	700
GWTS-BFF-GAC2	GWTS-GAC2-032421	1,000	1000	1100	1,000
GWTS-BFF-GAC2	GWTS-GAC2-032421	620	10000	190	620
GWTS-BFF-GAC2	GWTS-GAC2-032421	10	5	4.6	5
GWTS-BFF-INF2	GWTS-INF2-032421	1.0	NS	NS	1
GWTS-BFF-INF2	GWTS-INF2-032421	0.2	NS	NS	0.2
GWTS-BFF-INF2	GWTS-INF2-032421	0.05	0.05	0.075	0.05
GWTS-BFF-INF2	GWTS-INF2-032421	750	700	15	700
GWTS-BFF-INF2	GWTS-INF2-032421	1,000	1000	1100	1,000
GWTS-BFF-INF2	GWTS-INF2-032421	620	10000	190	620
GWTS-BFF-INF2	GWTS-INF2-032421	10	5	4.6	5
GWTS-BFF-EFF1	GWTS-EFF1-032421	1.0	NS	NS	1
GWTS-BFF-EFF1	GWTS-EFF1-032421	0.2	NS	NS	0.2
GWTS-BFF-EFF1	GWTS-EFF1-032421	0.05	0.05	0.075	0.05
GWTS-BFF-EFF1	GWTS-EFF1-032421	750	700	15	700
GWTS-BFF-EFF1	GWTS-EFF1-032421	1,000	1000	1100	1,000
GWTS-BFF-EFF1	GWTS-EFF1-032421	620	10000	190	620
GWTS-BFF-EFF1	GWTS-EFF1-032421	10	5	4.6	5
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	1.0	NS	NS	1
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	0.2	NS	NS	0.2
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	0.05	0.05	0.075	0.05
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	750	700	15	700
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	1,000	1000	1100	1,000
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	620	10000	190	620
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	10	5	4.6	5
GWTS-BFF-GAC1	GWTS-GAC1-032421	1.0	NS	NS	1
GWTS-BFF-GAC1	GWTS-GAC1-032421	0.2	NS	NS	0.2
GWTS-BFF-GAC1	GWTS-GAC1-032421	0.05	0.05	0.075	0.05
GWTS-BFF-GAC1	GWTS-GAC1-032421	750	700	15	700
GWTS-BFF-GAC1	GWTS-GAC1-032421	1,000	1000	1100	1,000
GWTS-BFF-GAC1	GWTS-GAC1-032421	620	10000	190	620
GWTS-BFF-GAC1	GWTS-GAC1-032421	10	5	4.6	5
GWTS-BFF-INF1	GWTS-INF1-032421	1.0	NS	NS	1
GWTS-BFF-INF1	GWTS-INF1-032421	0.2	NS	NS	0.2
GWTS-BFF-INF1	GWTS-INF1-032421	0.05	0.05	0.075	0.05
GWTS-BFF-INF1	GWTS-INF1-032421	750	700	15	700
GWTS-BFF-INF1	GWTS-INF1-032421	1,000	1000	1100	1,000
GWTS-BFF-INF1	GWTS-INF1-032421	620	10000	190	620
GWTS-BFF-INF1	GWTS-INF1-032421	10	5	4.6	5
GWTS-BFF-EFF2	GWTS-EFF2-033121	1.0	NS	NS	1
GWTS-BFF-EFF2	GWTS-EFF2-033121	0.2	NS	NS	0.2
GWTS-BFF-EFF2	GWTS-EFF2-033121	0.05	0.05	0.075	0.05
GWTS-BFF-EFF2	GWTS-EFF2-033121	750	700	15	700
GWTS-BFF-EFF2	GWTS-EFF2-033121	1,000	1000	1100	1,000
GWTS-BFF-EFF2	GWTS-EFF2-033121	620	10000	190	620
GWTS-BFF-EFF2	GWTS-EFF2-033121	10	5	4.6	5
GWTS-BFF-GAC2	GWTS-GAC2-033121	1.0	NS	NS	1
GWTS-BFF-GAC2	GWTS-GAC2-033121	0.2	NS	NS	0.2
GWTS-BFF-GAC2	GWTS-GAC2-033121	0.05	0.05	0.075	0.05
GWTS-BFF-GAC2	GWTS-GAC2-033121	750	700	15	700
GWTS-BFF-GAC2	GWTS-GAC2-033121	1,000	1000	1100	1,000
GWTS-BFF-GAC2	GWTS-GAC2-033121	620	10000	190	620
GWTS-BFF-GAC2	GWTS-GAC2-033121	10	5	4.6	5

Table G-6-1
GWTS Analytical Data, Q1 2021

well_location	sample_name	NMAC NMWQCC[f]	EPA MCL[g]	EPA RSL[h]	Project Screening Level[i]
GWTS-BFF-INF2	GWTS-INF2-033121	1.0	NS	NS	1
GWTS-BFF-INF2	GWTS-INF2-033121	0.2	NS	NS	0.2
GWTS-BFF-INF2	GWTS-INF2-033121	0.05	0.05	0.075	0.05
GWTS-BFF-INF2	GWTS-INF2-033121	750	700	15	700
GWTS-BFF-INF2	GWTS-INF2-033121	1,000	1000	1100	1,000
GWTS-BFF-INF2	GWTS-INF2-033121	620	10000	190	620
GWTS-BFF-INF2	GWTS-INF2-033121	10	5	4.6	5

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-EFF2	GWTS-EFF2-040220	4/2/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR421	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-040220	4/2/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR421	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-040220	4/2/2020	N		WW	GWTS_2Q20	SW8011	N	1	KR421	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-040220	4/2/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR421	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-040220	4/2/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR421	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-040220	4/2/2020	N		WW	GWTS_2Q20	SW8011	N	1	KR421	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	71-43-2
GWTS-BFF-INF2	GWTS-INF2-040220	4/2/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR421	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-040220	4/2/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR421	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-040220	4/2/2020	N		WW	GWTS_2Q20	SW8011	N	1	KR421	106-93-4
GWTS-BFF-INF2	GWTS-INF2-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	100-41-4
GWTS-BFF-INF2	GWTS-INF2-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	108-88-3
GWTS-BFF-INF2	GWTS-INF2-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1-040220	4/2/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR421	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1-040220	4/2/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR421	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1-040220	4/2/2020	N		WW	GWTS_2Q20	SW8011	N	1	KR421	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	100-41-4
GWTS-BFF-EFF1	GWTS-EFF1-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	1330-20-7
GWTS-BFF-EFF1	GWTS-EFF1-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	4/2/2020	FD		WW	GWTS_2Q20	SW6010C	D	1	KR421	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	4/2/2020	FD		WW	GWTS_2Q20	SW6010C	D	1	KR421	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	4/2/2020	FD		WW	GWTS_2Q20	SW8011	N	1	KR421	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	4/2/2020	FD		WW	GWTS_2Q20	SW8260C	N	1	KR421	100-41-4
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	4/2/2020	FD		WW	GWTS_2Q20	SW8260C	N	1	KR421	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	4/2/2020	FD		WW	GWTS_2Q20	SW8260C	N	1	KR421	1330-20-7
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	4/2/2020	FD		WW	GWTS_2Q20	SW8260C	N	1	KR421	71-43-2
GWTS-BFF-GAC1	GWTS-GAC1-040220	4/2/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR421	7439-89-6
GWTS-BFF-GAC1	GWTS-GAC1-040220	4/2/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR421	7439-96-5
GWTS-BFF-GAC1	GWTS-GAC1-040220	4/2/2020	N		WW	GWTS_2Q20	SW8011	N	1	KR421	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	100-41-4
GWTS-BFF-GAC1	GWTS-GAC1-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	108-88-3
GWTS-BFF-GAC1	GWTS-GAC1-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	1330-20-7
GWTS-BFF-GAC1	GWTS-GAC1-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	71-43-2
GWTS-BFF-INF1	GWTS-INF1-040220	4/2/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR421	7439-89-6
GWTS-BFF-INF1	GWTS-INF1-040220	4/2/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR421	7439-96-5
GWTS-BFF-INF1	GWTS-INF1-040220	4/2/2020	N		WW	GWTS_2Q20	SW8011	N	1	KR421	106-93-4
GWTS-BFF-INF1	GWTS-INF1-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	100-41-4
GWTS-BFF-INF1	GWTS-INF1-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	108-88-3
GWTS-BFF-INF1	GWTS-INF1-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	1330-20-7
GWTS-BFF-INF1	GWTS-INF1-040220	4/2/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR421	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1-051120	5/11/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR446	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1-051120	5/11/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR446	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1-051120	5/11/2020	N		WW	GWTS_2Q20	SW8011	N	1	KR446	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	100-41-4
GWTS-BFF-EFF1	GWTS-EFF1-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	1330-20-7

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-EFF1	GWTS-EFF1-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	71-43-2
GWTS-BFF-GAC1	GWTS-GAC1-051120	5/11/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR446	7439-89-6
GWTS-BFF-GAC1	GWTS-GAC1-051120	5/11/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR446	7439-96-5
GWTS-BFF-GAC1	GWTS-GAC1-051120	5/11/2020	N		WW	GWTS_2Q20	SW8011	N	1	KR446	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	100-41-4
GWTS-BFF-GAC1	GWTS-GAC1-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	108-88-3
GWTS-BFF-GAC1	GWTS-GAC1-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	1330-20-7
GWTS-BFF-GAC1	GWTS-GAC1-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	71-43-2
GWTS-BFF-INF1	GWTS-INF1-051120	5/11/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR446	7439-89-6
GWTS-BFF-INF1	GWTS-INF1-051120	5/11/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR446	7439-96-5
GWTS-BFF-INF1	GWTS-INF1-051120	5/11/2020	N		WW	GWTS_2Q20	SW8011	N	1	KR446	106-93-4
GWTS-BFF-INF1	GWTS-INF1-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	100-41-4
GWTS-BFF-INF1	GWTS-INF1-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	108-88-3
GWTS-BFF-INF1	GWTS-INF1-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	1330-20-7
GWTS-BFF-INF1	GWTS-INF1-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-051120	5/11/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR446	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-051120	5/11/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR446	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-051120	5/11/2020	N		WW	GWTS_2Q20	SW8011	N	1	KR446	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	5/11/2020	FD		WW	GWTS_2Q20	SW6010C	D	1	KR446	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	5/11/2020	FD		WW	GWTS_2Q20	SW6010C	D	1	KR446	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	5/11/2020	FD		WW	GWTS_2Q20	SW8011	N	1	KR446	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	5/11/2020	FD		WW	GWTS_2Q20	SW8260C	N	1	KR446	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	5/11/2020	FD		WW	GWTS_2Q20	SW8260C	N	1	KR446	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	5/11/2020	FD		WW	GWTS_2Q20	SW8260C	N	1	KR446	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	5/11/2020	FD		WW	GWTS_2Q20	SW8260C	N	1	KR446	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-051120	5/11/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR446	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-051120	5/11/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR446	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-051120	5/11/2020	N		WW	GWTS_2Q20	SW8011	N	1	KR446	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	71-43-2
GWTS-BFF-INF2	GWTS-INF2-051120	5/11/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR446	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-051120	5/11/2020	N		WW	GWTS_2Q20	SW6010C	D	1	KR446	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-051120	5/11/2020	N		WW	GWTS_2Q20	SW8011	N	1	KR446	106-93-4
GWTS-BFF-INF2	GWTS-INF2-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	100-41-4
GWTS-BFF-INF2	GWTS-INF2-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	108-88-3
GWTS-BFF-INF2	GWTS-INF2-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-051120	5/11/2020	N		WW	GWTS_2Q20	SW8260C	N	1	KR446	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-060320	6/3/2020	N		WW	GWTS_2Q20	SW6010C	D	1	410-3311-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-060320	6/3/2020	N		WW	GWTS_2Q20	SW6010C	D	1	410-3311-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-060320	6/3/2020	N		WW	GWTS_2Q20	SW8011	N	1	410-3311-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-060320	6/3/2020	N		WW	GWTS_2Q20	SW6010C	D	1	410-3311-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-060320	6/3/2020	N		WW	GWTS_2Q20	SW6010C	D	1	410-3311-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-060320	6/3/2020	N		WW	GWTS_2Q20	SW8011	N	1	410-3311-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	108-88-3

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-GAC2	GWTS-GAC2-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-060320	6/3/2020	N		WW	GWTS_2Q20	SW6010C	D	1	410-3311-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-060320	6/3/2020	N		WW	GWTS_2Q20	SW6010C	D	1	410-3311-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-060320	6/3/2020	N		WW	GWTS_2Q20	SW8011	N	1	410-3311-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1-060320	6/3/2020	N		WW	GWTS_2Q20	SW6010C	D	1	410-3311-1	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1-060320	6/3/2020	N		WW	GWTS_2Q20	SW6010C	D	1	410-3311-1	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1-060320	6/3/2020	N		WW	GWTS_2Q20	SW8011	N	1	410-3311-1	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	100-41-4
GWTS-BFF-EFF1	GWTS-EFF1-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	1330-20-7
GWTS-BFF-EFF1	GWTS-EFF1-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	6/3/2020	FD		WW	GWTS_2Q20	SW6010C	D	1	410-3311-1	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	6/3/2020	FD		WW	GWTS_2Q20	SW6010C	D	1	410-3311-1	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	6/3/2020	FD		WW	GWTS_2Q20	SW8011	N	1	410-3311-1	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	6/3/2020	FD		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	100-41-4
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	6/3/2020	FD		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	6/3/2020	FD		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	1330-20-7
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	6/3/2020	FD		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	71-43-2
GWTS-BFF-GAC1	GWTS-GAC1-060320	6/3/2020	N		WW	GWTS_2Q20	SW6010C	D	1	410-3311-1	7439-89-6
GWTS-BFF-GAC1	GWTS-GAC1-060320	6/3/2020	N		WW	GWTS_2Q20	SW6010C	D	1	410-3311-1	7439-96-5
GWTS-BFF-GAC1	GWTS-GAC1-060320	6/3/2020	N		WW	GWTS_2Q20	SW8011	N	1	410-3311-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	100-41-4
GWTS-BFF-GAC1	GWTS-GAC1-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	108-88-3
GWTS-BFF-GAC1	GWTS-GAC1-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	1330-20-7
GWTS-BFF-GAC1	GWTS-GAC1-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	71-43-2
GWTS-BFF-INF1	GWTS-INF1-060320	6/3/2020	N		WW	GWTS_2Q20	SW6010C	D	1	410-3311-1	7439-89-6
GWTS-BFF-INF1	GWTS-INF1-060320	6/3/2020	N		WW	GWTS_2Q20	SW6010C	D	1	410-3311-1	7439-96-5
GWTS-BFF-INF1	GWTS-INF1-060320	6/3/2020	N		WW	GWTS_2Q20	SW8011	N	1	410-3311-1	106-93-4
GWTS-BFF-INF1	GWTS-INF1-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	100-41-4
GWTS-BFF-INF1	GWTS-INF1-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	108-88-3
GWTS-BFF-INF1	GWTS-INF1-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	1330-20-7
GWTS-BFF-INF1	GWTS-INF1-060320	6/3/2020	N		WW	GWTS_2Q20	SW8260C	N	1	410-3311-1	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	E300	N	200	410-8628-1	14808-79-8
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	E300	N	200	410-8628-1	16887-00-6
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	E353.2	N	1	410-8628-1	NNN
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	E420.4	N	1	410-8628-1	PHENOLS
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-8628-1	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-8628-1	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-8628-1	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	100-41-4
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	100-42-5
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	10061-01-5
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	10061-02-6
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	103-65-1
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	104-51-8
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	106-43-4
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	106-46-7
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	107-02-8
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	107-06-2

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	107-13-1
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-05-4
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-10-1
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-67-8
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-86-1
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-90-7
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	120-82-1
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	124-48-1
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	127-18-4
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	1330-20-7
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	135-98-8
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	142-28-9
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	156-59-2
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	156-60-5
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	1634-04-4
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	179601-23-1
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	541-73-1
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	56-23-5
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	563-58-6
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	591-78-6
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	594-20-7
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	630-20-6
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	67-64-1
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	67-66-3
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	71-55-6
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-83-9
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-87-3
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-95-3
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-97-5
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-00-3
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-01-4
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-09-2
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-15-0
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-25-2
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-27-4
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-34-3
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-35-4
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-69-4
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-71-8
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	78-87-5
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	78-93-3
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	79-00-5
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	79-01-6
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	79-34-5
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	87-61-6
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	87-68-3
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	91-20-3
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-47-6
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-49-8
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-50-1
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-63-6
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	96-12-8
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	96-18-4

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	98-06-6
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	98-82-8
GWTS-BFF-EFF1	GWTS-EFF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	99-87-6
GWTS-BFF-GAC1	GWTS-GAC1-072320	7/23/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-8628-1	7439-89-6
GWTS-BFF-GAC1	GWTS-GAC1-072320	7/23/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-8628-1	7439-96-5
GWTS-BFF-GAC1	GWTS-GAC1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-8628-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	100-41-4
GWTS-BFF-GAC1	GWTS-GAC1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-88-3
GWTS-BFF-GAC1	GWTS-GAC1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	1330-20-7
GWTS-BFF-GAC1	GWTS-GAC1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	71-43-2
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	E300	N	200	410-8628-1	14808-79-8
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	E300	N	200	410-8628-1	16887-00-6
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	E353.2	N	1	410-8628-1	NNN
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	E420.4	N	1	410-8628-1	PHENOLS
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-8628-1	7439-89-6
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-8628-1	7439-96-5
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-8628-1	106-93-4
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	100-41-4
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	100-42-5
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	10061-01-5
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	10061-02-6
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	103-65-1
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	104-51-8
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	106-43-4
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	106-46-7
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	106-93-4
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	107-02-8
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	107-06-2
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	107-13-1
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-05-4
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-10-1
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-67-8
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-86-1
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-88-3
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-90-7
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	120-82-1
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	124-48-1
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	127-18-4
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	1330-20-7
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	135-98-8
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	142-28-9
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	156-59-2
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	156-60-5
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	1634-04-4
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	179601-23-1
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	541-73-1
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	56-23-5
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	563-58-6
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	591-78-6
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	594-20-7
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	630-20-6
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	67-64-1
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	67-66-3
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	71-43-2
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	71-55-6

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-83-9
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-87-3
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-95-3
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-97-5
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-00-3
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-01-4
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-09-2
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-15-0
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-25-2
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-27-4
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-34-3
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-35-4
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-69-4
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-71-8
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	78-87-5
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	78-93-3
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	79-00-5
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	79-01-6
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	79-34-5
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	87-61-6
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	87-68-3
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	91-20-3
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-47-6
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-49-8
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-50-1
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-63-6
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	96-12-8
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	96-18-4
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	98-06-6
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	98-82-8
GWTS-BFF-INF1	GWTS-INF1-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	99-87-6
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	E300	N	5	410-8628-1	14808-79-8
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	E300	N	5	410-8628-1	16887-00-6
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	E353.2	N	1	410-8628-1	NNN
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	E420.4	N	1	410-8628-1	PHENOLS
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-8628-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-8628-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-8628-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	E300	N	5	410-8628-1	14808-79-8
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	E300	N	5	410-8628-1	16887-00-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	E353.2	N	1	410-8628-1	NNN
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	E420.4	N	1	410-8628-1	PHENOLS
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW6010C	D	1	410-8628-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW6010C	D	1	410-8628-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8011	N	1	410-8628-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	100-42-5
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	10061-01-5
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	10061-02-6
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	103-65-1
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	104-51-8
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	106-43-4
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	106-46-7
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	107-02-8

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	107-06-2
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	107-13-1
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-10-1
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-67-8
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-86-1
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-90-7
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	120-82-1
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	124-48-1
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	127-18-4
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	135-98-8
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	142-28-9
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	156-59-2
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	156-60-5
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	1634-04-4
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	179601-23-1
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	541-73-1
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	56-23-5
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	563-58-6
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	591-78-6
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	594-20-7
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	630-20-6
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	67-64-1
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	67-66-3
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	71-55-6
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-83-9
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-87-3
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-95-3
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-97-5
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-00-3
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-01-4
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-09-2
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-15-0
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-25-2
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-27-4
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-34-3
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-35-4
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-69-4
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-71-8
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	78-87-5
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	78-93-3
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	79-00-5
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	79-01-6
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	79-34-5
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	87-61-6
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	87-68-3
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	91-20-3
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-47-6
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-49-8
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-50-1
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-63-6
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	96-12-8
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	96-18-4

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	98-06-6
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	98-82-8
GWTS-BFF-EFF2	GWTS-EFF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	99-87-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	100-42-5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	10061-01-5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	10061-02-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	103-65-1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	104-51-8
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	106-43-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	106-46-7
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	107-02-8
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	107-06-2
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	107-13-1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-10-1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-67-8
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-86-1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-90-7
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	120-82-1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	124-48-1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	127-18-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	135-98-8
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	142-28-9
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	156-59-2
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	156-60-5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	1634-04-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	179601-23-1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	541-73-1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	56-23-5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	563-58-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	591-78-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	594-20-7
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	630-20-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	67-64-1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	67-66-3
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	71-55-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-83-9
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-87-3
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-95-3
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-97-5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-00-3
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-01-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-09-2
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-15-0
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-25-2
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-27-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-34-3
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-35-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-69-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-71-8
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	78-87-5

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	78-93-3
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	79-00-5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	79-01-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	79-34-5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	87-61-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	87-68-3
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	91-20-3
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-47-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-49-8
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-50-1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-63-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	96-12-8
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	96-18-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	98-06-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	98-82-8
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	7/23/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	99-87-6
GWTS-BFF-GAC2	GWTS-GAC2-072320	7/23/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-8628-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-072320	7/23/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-8628-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-8628-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	E300	N	5	410-8628-1	14808-79-8
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	E300	N	5	410-8628-1	16887-00-6
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	E353.2	N	1	410-8628-1	NNN
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	E420.4	N	1	410-8628-1	PHENOLS
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-8628-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-8628-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-8628-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	100-42-5
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	10061-01-5
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	10061-02-6
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	103-65-1
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	104-51-8
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	106-43-4
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	106-46-7
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	107-02-8
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	107-06-2
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	107-13-1
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-10-1
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-67-8
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-86-1
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	108-90-7
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	120-82-1
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	124-48-1
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	127-18-4
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	135-98-8
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	142-28-9
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	156-59-2
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	156-60-5

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	1634-04-4
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	179601-23-1
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	541-73-1
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	56-23-5
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	563-58-6
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	591-78-6
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	594-20-7
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	630-20-6
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	67-64-1
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	67-66-3
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	71-55-6
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-83-9
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-87-3
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-95-3
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	74-97-5
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-00-3
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-01-4
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-09-2
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-15-0
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-25-2
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-27-4
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-34-3
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-35-4
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-69-4
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	75-71-8
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	78-87-5
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	78-93-3
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	79-00-5
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	79-01-6
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	79-34-5
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	87-61-6
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	87-68-3
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	91-20-3
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-47-6
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-49-8
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-50-1
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	95-63-6
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	96-12-8
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	96-18-4
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	98-06-6
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	98-82-8
GWTS-BFF-INF2	GWTS-INF2-072320	7/23/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-8628-1	99-87-6
GWTS-BFF-EFF2	GWTS-EFF2-080520	8/5/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-9909-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-080520	8/5/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-9909-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-080520	8/5/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-9909-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-080520	8/5/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-9909-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-080520	8/5/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-9909-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-080520	8/5/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-9909-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	108-88-3

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-GAC2	GWTS-GAC2-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-080520	8/5/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-9909-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-080520	8/5/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-9909-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-080520	8/5/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-9909-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1-080520	8/5/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-9909-1	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1-080520	8/5/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-9909-1	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1-080520	8/5/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-9909-1	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	100-41-4
GWTS-BFF-EFF1	GWTS-EFF1-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	1330-20-7
GWTS-BFF-EFF1	GWTS-EFF1-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	8/5/2020	FD		WW	GWTS_3Q20	SW6010C	D	1	410-9909-1	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	8/5/2020	FD		WW	GWTS_3Q20	SW6010C	D	1	410-9909-1	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	8/5/2020	FD		WW	GWTS_3Q20	SW8011	N	1	410-9909-1	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	8/5/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	100-41-4
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	8/5/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	8/5/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	1330-20-7
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	8/5/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	71-43-2
GWTS-BFF-GAC1	GWTS-GAC1-080520	8/5/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-9909-1	7439-89-6
GWTS-BFF-GAC1	GWTS-GAC1-080520	8/5/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-9909-1	7439-96-5
GWTS-BFF-GAC1	GWTS-GAC1-080520	8/5/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-9909-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	100-41-4
GWTS-BFF-GAC1	GWTS-GAC1-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	108-88-3
GWTS-BFF-GAC1	GWTS-GAC1-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	1330-20-7
GWTS-BFF-GAC1	GWTS-GAC1-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	71-43-2
GWTS-BFF-INF1	GWTS-INF1-080520	8/5/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-9909-1	7439-89-6
GWTS-BFF-INF1	GWTS-INF1-080520	8/5/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-9909-1	7439-96-5
GWTS-BFF-INF1	GWTS-INF1-080520	8/5/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-9909-1	106-93-4
GWTS-BFF-INF1	GWTS-INF1-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	100-41-4
GWTS-BFF-INF1	GWTS-INF1-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	108-88-3
GWTS-BFF-INF1	GWTS-INF1-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	1330-20-7
GWTS-BFF-INF1	GWTS-INF1-080520	8/5/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-9909-1	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1-082620	8/26/2020	N		WW	GWTS_3Q20	SW8270D	N	1	410-12115-1	117-81-7
GWTS-BFF-EFF1	GWTS-EFF1-082620	8/26/2020	N		WW	GWTS_3Q20	SW8270D	N	1	410-12115-1	129-00-0
GWTS-BFF-EFF1	GWTS-EFF1-082620	8/26/2020	N		WW	GWTS_3Q20	SW8270D	N	1	410-12115-1	90-12-0
GWTS-BFF-EFF1	GWTS-EFF1-082620	8/26/2020	N		WW	GWTS_3Q20	SW8270D	N	1	410-12115-1	91-20-3
GWTS-BFF-EFF1	GWTS-EFF1-082620	8/26/2020	N		WW	GWTS_3Q20	SW8270D	N	1	410-12115-1	91-57-6
GWTS-BFF-INF1	GWTS-INF1-082620	8/26/2020	N		WW	GWTS_3Q20	SW8270D	N	1	410-12115-1	117-81-7
GWTS-BFF-INF1	GWTS-INF1-082620	8/26/2020	N		WW	GWTS_3Q20	SW8270D	N	1	410-12115-1	129-00-0
GWTS-BFF-INF1	GWTS-INF1-082620	8/26/2020	N		WW	GWTS_3Q20	SW8270D	N	1	410-12115-1	90-12-0
GWTS-BFF-INF1	GWTS-INF1-082620	8/26/2020	N		WW	GWTS_3Q20	SW8270D	N	1	410-12115-1	91-20-3
GWTS-BFF-INF1	GWTS-INF1-082620	8/26/2020	N		WW	GWTS_3Q20	SW8270D	N	1	410-12115-1	91-57-6
KAFB-106233	KAFB-106233	8/26/2020	N		WG	GWTS_3Q20	SW8270D	N	1	410-12115-1	117-81-7
KAFB-106233	KAFB-106233	8/26/2020	N		WG	GWTS_3Q20	SW8270D	N	1	410-12115-1	129-00-0
KAFB-106233	KAFB-106233	8/26/2020	N		WG	GWTS_3Q20	SW8270D	N	1	410-12115-1	90-12-0
KAFB-106233	KAFB-106233	8/26/2020	N		WG	GWTS_3Q20	SW8270D	N	1	410-12115-1	91-20-3
KAFB-106233	KAFB-106233	8/26/2020	N		WG	GWTS_3Q20	SW8270D	N	1	410-12115-1	91-57-6
KAFB-106234	KAFB-106234	8/26/2020	N		WG	GWTS_3Q20	SW8270D	N	1	410-12115-1	117-81-7
KAFB-106234	KAFB-106234	8/26/2020	N		WG	GWTS_3Q20	SW8270D	N	1	410-12115-1	129-00-0
KAFB-106234	KAFB-106234	8/26/2020	N		WG	GWTS_3Q20	SW8270D	N	1	410-12115-1	90-12-0

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
KAFB-106234	KAFB-106234	8/26/2020	N		WG	GWTS_3Q20	SW8270D	N	1	410-12115-1	91-20-3
KAFB-106234	KAFB-106234	8/26/2020	N		WG	GWTS_3Q20	SW8270D	N	1	410-12115-1	91-57-6
GWTS-BFF-GAC1	GWTS-GAC1-A1-090120	9/1/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-12727-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-A2-090120	9/1/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-12727-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-A3-090120	9/1/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-12727-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-B1-090120	9/1/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-12727-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-B2-090120	9/1/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-12727-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-B3-090120	9/1/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-12727-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-A1-090120	9/1/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-12731-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-A2-090120	9/1/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-12731-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-A3-090120	9/1/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-12731-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-B1-090120	9/1/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-12731-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-B2-090120	9/1/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-12731-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-B3-090120	9/1/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-12731-1	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1-090920	9/9/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-13531-1	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1-090920	9/9/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-13531-1	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1-090920	9/9/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-13531-1	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	100-41-4
GWTS-BFF-EFF1	GWTS-EFF1-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	1330-20-7
GWTS-BFF-EFF1	GWTS-EFF1-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	71-43-2
GWTS-BFF-GAC1	GWTS-GAC1-090920	9/9/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-13531-1	7439-89-6
GWTS-BFF-GAC1	GWTS-GAC1-090920	9/9/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-13531-1	7439-96-5
GWTS-BFF-GAC1	GWTS-GAC1-090920	9/9/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-13531-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	100-41-4
GWTS-BFF-GAC1	GWTS-GAC1-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	108-88-3
GWTS-BFF-GAC1	GWTS-GAC1-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	1330-20-7
GWTS-BFF-GAC1	GWTS-GAC1-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	71-43-2
GWTS-BFF-INF1	GWTS-INF1-090920	9/9/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-13531-1	7439-89-6
GWTS-BFF-INF1	GWTS-INF1-090920	9/9/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-13531-1	7439-96-5
GWTS-BFF-INF1	GWTS-INF1-090920	9/9/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-13531-1	106-93-4
GWTS-BFF-INF1	GWTS-INF1-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	100-41-4
GWTS-BFF-INF1	GWTS-INF1-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	108-88-3
GWTS-BFF-INF1	GWTS-INF1-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	1330-20-7
GWTS-BFF-INF1	GWTS-INF1-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-090920	9/9/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-13531-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-090920	9/9/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-13531-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-090920	9/9/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-13531-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	9/9/2020	FD		WW	GWTS_3Q20	SW6010C	D	1	410-13531-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	9/9/2020	FD		WW	GWTS_3Q20	SW6010C	D	1	410-13531-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	9/9/2020	FD		WW	GWTS_3Q20	SW8011	N	1	410-13531-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	9/9/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	9/9/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	9/9/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	9/9/2020	FD		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-090920	9/9/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-13531-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-090920	9/9/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-13531-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-090920	9/9/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-13531-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	1330-20-7

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-GAC2	GWTS-GAC2-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-090920	9/9/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-13531-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-090920	9/9/2020	N		WW	GWTS_3Q20	SW6010C	D	1	410-13531-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-090920	9/9/2020	N		WW	GWTS_3Q20	SW8011	N	1	410-13531-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-090920	9/9/2020	N		WW	GWTS_3Q20	SW8260C	N	1	410-13531-1	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1-100120	10/1/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-15769-1	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1-100120	10/1/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-15769-1	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1-100120	10/1/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-15769-1	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	100-41-4
GWTS-BFF-EFF1	GWTS-EFF1-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	1330-20-7
GWTS-BFF-EFF1	GWTS-EFF1-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	71-43-2
GWTS-BFF-GAC1	GWTS-GAC1-100120	10/1/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-15769-1	7439-89-6
GWTS-BFF-GAC1	GWTS-GAC1-100120	10/1/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-15769-1	7439-96-5
GWTS-BFF-GAC1	GWTS-GAC1-100120	10/1/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-15769-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	100-41-4
GWTS-BFF-GAC1	GWTS-GAC1-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	108-88-3
GWTS-BFF-GAC1	GWTS-GAC1-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	1330-20-7
GWTS-BFF-GAC1	GWTS-GAC1-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	71-43-2
GWTS-BFF-INF1	GWTS-INF1-100120	10/1/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-15769-1	7439-89-6
GWTS-BFF-INF1	GWTS-INF1-100120	10/1/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-15769-1	7439-96-5
GWTS-BFF-INF1	GWTS-INF1-100120	10/1/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-15769-1	106-93-4
GWTS-BFF-INF1	GWTS-INF1-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	100-41-4
GWTS-BFF-INF1	GWTS-INF1-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	108-88-3
GWTS-BFF-INF1	GWTS-INF1-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	1330-20-7
GWTS-BFF-INF1	GWTS-INF1-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-100120	10/1/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-15769-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-100120	10/1/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-15769-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-100120	10/1/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-15769-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	10/1/2020	FD		WW	GWTS_4Q20	SW6010C	D	1	410-15769-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	10/1/2020	FD		WW	GWTS_4Q20	SW6010C	D	1	410-15769-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	10/1/2020	FD		WW	GWTS_4Q20	SW8011	N	1	410-15769-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	10/1/2020	FD		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	10/1/2020	FD		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	10/1/2020	FD		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	10/1/2020	FD		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-100120	10/1/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-15769-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-100120	10/1/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-15769-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-100120	10/1/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-15769-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-100120	10/1/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-15769-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-100120	10/1/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-15769-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-100120	10/1/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-15769-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	108-88-3

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-INF2	GWTS-INF2-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-100120	10/1/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-15769-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-111120	11/11/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-20479-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-111120	11/11/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-20479-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-111120	11/11/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-20479-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-111120	11/11/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-20479-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-111120	11/11/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-20479-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-111120	11/11/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-20479-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-111120	11/11/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-20479-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-111120	11/11/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-20479-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-111120	11/11/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-20479-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1-111120	11/11/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-20479-1	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1-111120	11/11/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-20479-1	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1-111120	11/11/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-20479-1	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	100-41-4
GWTS-BFF-EFF1	GWTS-EFF1-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	1330-20-7
GWTS-BFF-EFF1	GWTS-EFF1-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	11/11/2020	FD		WW	GWTS_4Q20	SW6010C	D	1	410-20479-1	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	11/11/2020	FD		WW	GWTS_4Q20	SW6010C	D	1	410-20479-1	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	11/11/2020	FD		WW	GWTS_4Q20	SW8011	N	1	410-20479-1	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	11/11/2020	FD		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	100-41-4
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	11/11/2020	FD		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	11/11/2020	FD		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	1330-20-7
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	11/11/2020	FD		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	71-43-2
GWTS-BFF-GAC1	GWTS-GAC1-111120	11/11/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-20479-1	7439-89-6
GWTS-BFF-GAC1	GWTS-GAC1-111120	11/11/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-20479-1	7439-96-5
GWTS-BFF-GAC1	GWTS-GAC1-111120	11/11/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-20479-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	100-41-4
GWTS-BFF-GAC1	GWTS-GAC1-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	108-88-3
GWTS-BFF-GAC1	GWTS-GAC1-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	1330-20-7
GWTS-BFF-GAC1	GWTS-GAC1-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	71-43-2
GWTS-BFF-INF1	GWTS-INF1-111120	11/11/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-20479-1	7439-89-6
GWTS-BFF-INF1	GWTS-INF1-111120	11/11/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-20479-1	7439-96-5
GWTS-BFF-INF1	GWTS-INF1-111120	11/11/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-20479-1	106-93-4
GWTS-BFF-INF1	GWTS-INF1-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	100-41-4
GWTS-BFF-INF1	GWTS-INF1-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	108-88-3
GWTS-BFF-INF1	GWTS-INF1-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	1330-20-7
GWTS-BFF-INF1	GWTS-INF1-111120	11/11/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-20479-1	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1-120320	12/3/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-22885-1	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1-120320	12/3/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-22885-1	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1-120320	12/3/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-22885-1	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	100-41-4

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-EFF1	GWTS-EFF1-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	1330-20-7
GWTS-BFF-EFF1	GWTS-EFF1-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	71-43-2
GWTS-BFF-GAC1	GWTS-GAC1-120320	12/3/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-22885-1	7439-89-6
GWTS-BFF-GAC1	GWTS-GAC1-120320	12/3/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-22885-1	7439-96-5
GWTS-BFF-GAC1	GWTS-GAC1-120320	12/3/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-22885-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	100-41-4
GWTS-BFF-GAC1	GWTS-GAC1-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	108-88-3
GWTS-BFF-GAC1	GWTS-GAC1-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	1330-20-7
GWTS-BFF-GAC1	GWTS-GAC1-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	71-43-2
GWTS-BFF-INF1	GWTS-INF1-120320	12/3/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-22885-1	7439-89-6
GWTS-BFF-INF1	GWTS-INF1-120320	12/3/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-22885-1	7439-96-5
GWTS-BFF-INF1	GWTS-INF1-120320	12/3/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-22885-1	106-93-4
GWTS-BFF-INF1	GWTS-INF1-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	100-41-4
GWTS-BFF-INF1	GWTS-INF1-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	108-88-3
GWTS-BFF-INF1	GWTS-INF1-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	1330-20-7
GWTS-BFF-INF1	GWTS-INF1-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-120320	12/3/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-22885-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-120320	12/3/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-22885-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-120320	12/3/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-22885-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	12/3/2020	FD		WW	GWTS_4Q20	SW6010C	D	1	410-22885-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	12/3/2020	FD		WW	GWTS_4Q20	SW6010C	D	1	410-22885-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	12/3/2020	FD		WW	GWTS_4Q20	SW8011	N	1	410-22885-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	12/3/2020	FD		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	12/3/2020	FD		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	12/3/2020	FD		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	12/3/2020	FD		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-120320	12/3/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-22885-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-120320	12/3/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-22885-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-120320	12/3/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-22885-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-120320	12/3/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-22885-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-120320	12/3/2020	N		WW	GWTS_4Q20	SW6010C	D	1	410-22885-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-120320	12/3/2020	N		WW	GWTS_4Q20	SW8011	N	1	410-22885-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-120320	12/3/2020	N		WW	GWTS_4Q20	SW8260C	N	1	410-22885-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-011221	1/12/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-26241-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-011221	1/12/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-26241-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26241-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-011221	1/12/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-26241-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-011221	1/12/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-26241-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26241-1	106-93-4

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-GAC2	GWTS-GAC2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-011221	1/12/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-26241-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-011221	1/12/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-26241-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26241-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	100-41-4
GWTS-BFF-EFF1	GWTS-EFF1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	1330-20-7
GWTS-BFF-EFF1	GWTS-EFF1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1/12/2021	FD		WW	GWTS_1Q21	SW6010C	D	1	410-26241-1	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1/12/2021	FD		WW	GWTS_1Q21	SW6010C	D	1	410-26241-1	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1/12/2021	FD		WW	GWTS_1Q21	SW8011	N	1	410-26241-1	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1/12/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	100-41-4
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1/12/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1/12/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	1330-20-7
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1/12/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1-011221	1/12/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-26241-1	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1-011221	1/12/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-26241-1	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26241-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-011221	1/12/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-26241-1	7439-89-6
GWTS-BFF-GAC1	GWTS-GAC1-011221	1/12/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-26241-1	7439-96-5
GWTS-BFF-GAC1	GWTS-GAC1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26241-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	100-41-4
GWTS-BFF-GAC1	GWTS-GAC1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	108-88-3
GWTS-BFF-GAC1	GWTS-GAC1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	1330-20-7
GWTS-BFF-GAC1	GWTS-GAC1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	71-43-2
GWTS-BFF-INF1	GWTS-INF1-011221	1/12/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-26241-1	7439-89-6
GWTS-BFF-INF1	GWTS-INF1-011221	1/12/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-26241-1	7439-96-5
GWTS-BFF-INF1	GWTS-INF1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26241-1	106-93-4
GWTS-BFF-INF1	GWTS-INF1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	100-41-4
GWTS-BFF-INF1	GWTS-INF1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	108-88-3
GWTS-BFF-INF1	GWTS-INF1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	1330-20-7
GWTS-BFF-INF1	GWTS-INF1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-26241-1	71-43-2
GWTS-BFF-GAC1	GWTS-GAC1-A1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26240-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-A2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26240-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-A3-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26240-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-B1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26240-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-B2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26240-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-B3-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26240-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-A1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26240-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-A2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26240-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-A3-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26240-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-B1-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26240-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-B2-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26240-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-B3-011221	1/12/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-26240-1	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1-020521	2/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-28705-1	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1-020521	2/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-28705-1	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1-020521	2/5/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-28705-1	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	100-41-4

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-EFF1	GWTS-EFF1-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	1330-20-7
GWTS-BFF-EFF1	GWTS-EFF1-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	71-43-2
GWTS-BFF-GAC1	GWTS-GAC1-020521	2/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-28705-1	7439-89-6
GWTS-BFF-GAC1	GWTS-GAC1-020521	2/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-28705-1	7439-96-5
GWTS-BFF-GAC1	GWTS-GAC1-020521	2/5/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-28705-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	100-41-4
GWTS-BFF-GAC1	GWTS-GAC1-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	108-88-3
GWTS-BFF-GAC1	GWTS-GAC1-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	1330-20-7
GWTS-BFF-GAC1	GWTS-GAC1-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	71-43-2
GWTS-BFF-INF1	GWTS-INF1-020521	2/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-28705-1	7439-96-5
GWTS-BFF-INF1	GWTS-INF1-020521	2/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-28705-1	7439-89-6
GWTS-BFF-INF1	GWTS-INF1-020521	2/5/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-28705-1	106-93-4
GWTS-BFF-INF1	GWTS-INF1-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	100-41-4
GWTS-BFF-INF1	GWTS-INF1-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	108-88-3
GWTS-BFF-INF1	GWTS-INF1-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	1330-20-7
GWTS-BFF-INF1	GWTS-INF1-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-020521	2/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-28705-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-020521	2/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-28705-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-020521	2/5/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-28705-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	2/5/2021	FD		WW	GWTS_1Q21	SW6010C	D	1	410-28705-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	2/5/2021	FD		WW	GWTS_1Q21	SW6010C	D	1	410-28705-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	2/5/2021	FD		WW	GWTS_1Q21	SW8011	N	1	410-28705-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	2/5/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	2/5/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	2/5/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	2/5/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-020521	2/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-28705-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-020521	2/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-28705-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-020521	2/5/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-28705-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-020521	2/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-28705-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-020521	2/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-28705-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-020521	2/5/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-28705-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-020521	2/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-28705-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-030321	3/3/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31140-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-030321	3/3/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31140-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-030321	3/3/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31140-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-030321	3/3/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31140-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-030321	3/3/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31140-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-030321	3/3/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31140-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-030321	3/3/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31140-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-030321	3/3/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31140-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-030321	3/3/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31140-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-030321	3/3/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31140-1	106-93-4

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-GAC2	GWTS-GAC2-030321	3/3/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31140-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-030321	3/3/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31140-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-030321	3/3/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31140-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-030321	3/3/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31140-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-030321	3/3/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31140-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-030321	3/3/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31140-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-030321	3/3/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31140-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-030321	3/3/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31140-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-030321	3/3/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31140-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-030321	3/3/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31140-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-030321	3/3/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31140-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-030421	3/4/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31289-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-030421	3/4/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31289-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-030421	3/4/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31289-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-030421	3/4/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31289-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-030421	3/4/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31289-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-030421	3/4/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31289-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-030421	3/4/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31289-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-030421	3/4/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31289-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-030421	3/4/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31289-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-030421	3/4/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31289-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-030421	3/4/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31289-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-030421	3/4/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31289-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-030421	3/4/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31289-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-030421	3/4/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31289-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-030421	3/4/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31289-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-030421	3/4/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31289-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-030421	3/4/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31289-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-030421	3/4/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31289-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-030421	3/4/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31289-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-030421	3/4/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31289-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-030421	3/4/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31289-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-030521	3/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31471-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-030521	3/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31471-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-030521	3/5/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31471-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-030521	3/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31471-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-030521	3/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31471-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-030521	3/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31471-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-030521	3/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31471-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	3/5/2021	FD		WW	GWTS_1Q21	SW6010C	D	1	410-31471-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	3/5/2021	FD		WW	GWTS_1Q21	SW6010C	D	1	410-31471-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	3/5/2021	FD		WW	GWTS_1Q21	SW8011	N	1	410-31471-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	3/5/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-31471-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	3/5/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-31471-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	3/5/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-31471-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	3/5/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-31471-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-030521	3/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31471-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-030521	3/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31471-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-030521	3/5/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31471-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-030521	3/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31471-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-030521	3/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31471-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-030521	3/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31471-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-030521	3/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31471-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-030521	3/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31471-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-030521	3/5/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31471-1	7439-96-5

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-INF2	GWTS-INF2-030521	3/5/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31471-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-030521	3/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31471-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-030521	3/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31471-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-030521	3/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31471-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-030521	3/5/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31471-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-030621	3/6/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31600-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-030621	3/6/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31600-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-030621	3/6/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31600-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-030621	3/6/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31600-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-030621	3/6/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31600-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-030621	3/6/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31600-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-030621	3/6/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31600-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-030621	3/6/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31600-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-030621	3/6/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31600-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-030621	3/6/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31600-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-030621	3/6/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31600-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-030621	3/6/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31600-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-030621	3/6/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31600-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-030621	3/6/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31600-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-030621	3/6/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31600-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-030621	3/6/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31600-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-030621	3/6/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31600-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-030621	3/6/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31600-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-030621	3/6/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31600-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-030621	3/6/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31600-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-030621	3/6/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31600-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-030721	3/7/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31601-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-030721	3/7/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31601-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-030721	3/7/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31601-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-030721	3/7/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31601-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-030721	3/7/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31601-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-030721	3/7/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31601-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-030721	3/7/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31601-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-030721	3/7/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31601-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-030721	3/7/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31601-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-030721	3/7/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31601-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-030721	3/7/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31601-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-030721	3/7/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31601-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-030721	3/7/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31601-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-030721	3/7/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31601-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-030721	3/7/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31601-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-030721	3/7/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31601-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-030721	3/7/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31601-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-030721	3/7/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31601-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-030721	3/7/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31601-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-030721	3/7/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31601-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-030721	3/7/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31601-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-030821	3/8/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31602-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-030821	3/8/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31602-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-030821	3/8/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31602-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-030821	3/8/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31602-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-030821	3/8/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31602-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-030821	3/8/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31602-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-030821	3/8/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31602-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-030821	3/8/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31602-1	7439-89-6

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-GAC2	GWTS-GAC2-030821	3/8/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31602-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-030821	3/8/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31602-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-030821	3/8/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31602-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-030821	3/8/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31602-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-030821	3/8/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31602-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-030821	3/8/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31602-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-030821	3/8/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31602-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-030821	3/8/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31602-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-030821	3/8/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31602-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-030821	3/8/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31602-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-030821	3/8/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31602-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-030821	3/8/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31602-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-030821	3/8/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31602-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-030921	3/9/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31799-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-030921	3/9/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31799-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-030921	3/9/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31799-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-030921	3/9/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31799-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-030921	3/9/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31799-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-030921	3/9/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31799-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-030921	3/9/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31799-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-030921	3/9/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31799-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-030921	3/9/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31799-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-030921	3/9/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31799-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-030921	3/9/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31799-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-030921	3/9/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31799-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-030921	3/9/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31799-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-030921	3/9/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31799-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-030921	3/9/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31799-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-030921	3/9/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-31799-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-030921	3/9/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-31799-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-030921	3/9/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31799-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-030921	3/9/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31799-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-030921	3/9/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31799-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-030921	3/9/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-31799-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-031021	3/10/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-32032-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-031021	3/10/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-32032-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-031021	3/10/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-32032-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-031021	3/10/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32032-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-031021	3/10/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32032-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-031021	3/10/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32032-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-031021	3/10/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32032-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-031021	3/10/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-32032-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-031021	3/10/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-32032-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-031021	3/10/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-32032-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-031021	3/10/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32032-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-031021	3/10/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32032-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-031021	3/10/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32032-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-031021	3/10/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32032-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-031021	3/10/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-32032-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-031021	3/10/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-32032-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-031021	3/10/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-32032-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-031021	3/10/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32032-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-031021	3/10/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32032-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-031021	3/10/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32032-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-031021	3/10/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32032-1	71-43-2

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	3/17/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-32785-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	3/17/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-32785-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	3/17/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-32785-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	3/17/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-32785-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-32785-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-32785-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-32785-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32785-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32785-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32785-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-031721	3/17/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32785-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	3/17/2021	FD		WW	GWTS_1Q21	SW6010C	D	1	410-32785-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	3/17/2021	FD		WW	GWTS_1Q21	SW6010C	D	1	410-32785-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	3/17/2021	FD		WW	GWTS_1Q21	SW8011	N	1	410-32785-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-031721	3/17/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-32785-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-031721	3/17/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-32785-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-031721	3/17/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-32785-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-031721	3/17/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32785-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-031721	3/17/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32785-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-031721	3/17/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32785-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-031721	3/17/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32785-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-031721	3/17/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-32785-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-031721	3/17/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-32785-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-031721	3/17/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-32785-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-031721	3/17/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32785-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-031721	3/17/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32785-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-031721	3/17/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32785-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-031721	3/17/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-32785-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-032421	3/24/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-33631-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-032421	3/24/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-33631-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-032421	3/24/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-33631-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-032421	3/24/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-33631-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-032421	3/24/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-33631-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-032421	3/24/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-33631-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-032421	3/24/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-33631-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-032421	3/24/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-33631-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-032421	3/24/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-33631-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1-032421	3/24/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-33631-1	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1-032421	3/24/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-33631-1	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1-032421	3/24/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-33631-1	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	100-41-4
GWTS-BFF-EFF1	GWTS-EFF1-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	1330-20-7

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
GWTS-BFF-EFF1	GWTS-EFF1-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	71-43-2
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	3/24/2021	FD		WW	GWTS_1Q21	SW6010C	D	1	410-33631-1	7439-89-6
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	3/24/2021	FD		WW	GWTS_1Q21	SW6010C	D	1	410-33631-1	7439-96-5
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	3/24/2021	FD		WW	GWTS_1Q21	SW8011	N	1	410-33631-1	106-93-4
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	3/24/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	100-41-4
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	3/24/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	108-88-3
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	3/24/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	1330-20-7
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	3/24/2021	FD		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	71-43-2
GWTS-BFF-GAC1	GWTS-GAC1-032421	3/24/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-33631-1	7439-89-6
GWTS-BFF-GAC1	GWTS-GAC1-032421	3/24/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-33631-1	7439-96-5
GWTS-BFF-GAC1	GWTS-GAC1-032421	3/24/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-33631-1	106-93-4
GWTS-BFF-GAC1	GWTS-GAC1-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	100-41-4
GWTS-BFF-GAC1	GWTS-GAC1-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	108-88-3
GWTS-BFF-GAC1	GWTS-GAC1-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	1330-20-7
GWTS-BFF-GAC1	GWTS-GAC1-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	71-43-2
GWTS-BFF-INF1	GWTS-INF1-032421	3/24/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-33631-1	7439-89-6
GWTS-BFF-INF1	GWTS-INF1-032421	3/24/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-33631-1	7439-96-5
GWTS-BFF-INF1	GWTS-INF1-032421	3/24/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-33631-1	106-93-4
GWTS-BFF-INF1	GWTS-INF1-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	100-41-4
GWTS-BFF-INF1	GWTS-INF1-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	108-88-3
GWTS-BFF-INF1	GWTS-INF1-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	1330-20-7
GWTS-BFF-INF1	GWTS-INF1-032421	3/24/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-33631-1	71-43-2
GWTS-BFF-EFF2	GWTS-EFF2-033121	3/31/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-34304-1	7439-89-6
GWTS-BFF-EFF2	GWTS-EFF2-033121	3/31/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-34304-1	7439-96-5
GWTS-BFF-EFF2	GWTS-EFF2-033121	3/31/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-34304-1	106-93-4
GWTS-BFF-EFF2	GWTS-EFF2-033121	3/31/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-34304-1	100-41-4
GWTS-BFF-EFF2	GWTS-EFF2-033121	3/31/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-34304-1	108-88-3
GWTS-BFF-EFF2	GWTS-EFF2-033121	3/31/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-34304-1	1330-20-7
GWTS-BFF-EFF2	GWTS-EFF2-033121	3/31/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-34304-1	71-43-2
GWTS-BFF-GAC2	GWTS-GAC2-033121	3/31/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-34304-1	7439-89-6
GWTS-BFF-GAC2	GWTS-GAC2-033121	3/31/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-34304-1	7439-96-5
GWTS-BFF-GAC2	GWTS-GAC2-033121	3/31/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-34304-1	106-93-4
GWTS-BFF-GAC2	GWTS-GAC2-033121	3/31/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-34304-1	100-41-4
GWTS-BFF-GAC2	GWTS-GAC2-033121	3/31/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-34304-1	108-88-3
GWTS-BFF-GAC2	GWTS-GAC2-033121	3/31/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-34304-1	1330-20-7
GWTS-BFF-GAC2	GWTS-GAC2-033121	3/31/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-34304-1	71-43-2
GWTS-BFF-INF2	GWTS-INF2-033121	3/31/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-34304-1	7439-89-6
GWTS-BFF-INF2	GWTS-INF2-033121	3/31/2021	N		WW	GWTS_1Q21	SW6010C	D	1	410-34304-1	7439-96-5
GWTS-BFF-INF2	GWTS-INF2-033121	3/31/2021	N		WW	GWTS_1Q21	SW8011	N	1	410-34304-1	106-93-4
GWTS-BFF-INF2	GWTS-INF2-033121	3/31/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-34304-1	100-41-4
GWTS-BFF-INF2	GWTS-INF2-033121	3/31/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-34304-1	108-88-3
GWTS-BFF-INF2	GWTS-INF2-033121	3/31/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-34304-1	1330-20-7
GWTS-BFF-INF2	GWTS-INF2-033121	3/31/2021	N		WW	GWTS_1Q21	SW8260C	N	1	410-34304-1	71-43-2
KAFB-106239	GW239-211-PostDis	3/1/2021	N		WG	Disinfection	E331.0	N	1	410-30937-1	14797-73-0
KAFB-106239	GW239-211-PostDis	3/1/2021	N		WG	Disinfection	E300.1	N	2	410-30937-1	15541-45-4
KAFB-106239	GW239-211-PostDis	3/1/2021	N		WG	Disinfection	E300.1	N	1	410-30937-1	14998-27-7
KAFB-106239	IN2-211-PostDis	2/22/2021	N		WG	Disinfection	E331.0	N	1	410-30025-1	14797-73-0
KAFB-106239	IN2-211-PostDis	2/22/2021	N		WG	Disinfection	E300.1	N	2	410-30025-1	15541-45-4
KAFB-106239	IN2-211-PostDis	2/22/2021	N		WG	Disinfection	E300.1	N	1	410-30025-1	14998-27-7
KAFB-106239	GW239-211-PreDis	2/22/2021	N		WG	Disinfection	E331.0	N	1	410-30025-1	14797-73-0
KAFB-106239	GW239-211-PreDis	2/22/2021	N		WG	Disinfection	E300.1	N	2	410-30025-1	15541-45-4
KAFB-106239	GW239-211-PreDis	2/22/2021	N		WG	Disinfection	E300.1	N	1	410-30025-1	14998-27-7
KAFB-106239	GW239-204-PostDis	12/28/2020	N		WG	Disinfection	E331.0	N	1	440-276775-1	14797-73-0
KAFB-106239	GW239-204-PostDis	12/28/2020	N		WG	Disinfection	E300.1	N	1	440-276775-1	14998-27-7
KAFB-106239	GW239-204-PostDis	12/28/2020	N		WG	Disinfection	E300.1	N	1	440-276775-1	15541-45-4

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	dilution_factor	lab_report[a]	cas_rn
KAFB-106239	GW239-204-PreDis	12/21/2020	N		WG	Disinfection	E300.1	N	5	440-276448-1	15541-45-4
KAFB-106239	GW239-204-PreDis	12/21/2020	N		WG	Disinfection	E300.1	N	1	440-276448-1	14998-27-7
KAFB-106239	GW239-204-PreDis	12/21/2020	N		WG	Disinfection	E331.0	N	1	440-276448-1	14797-73-0
KAFB-106239	GW239-203-Post Dis	9/14/2020	N		WG	Disinfection	E300.1	N	2	440-271831-1	14998-27-7
KAFB-106239	GW239-203-Post Dis	9/14/2020	N		WG	Disinfection	E300.1	N	2	440-271831-1	15541-45-4
KAFB-106239	GW239-203-Post Dis	9/14/2020	N		WG	Disinfection	E331.0	N	1	440-271831-1	14797-73-0
KAFB-106239	GW239-203-PreDis	9/10/2020	N		WG	Disinfection	E300.1	N	5	440-271675-1	14998-27-7
KAFB-106239	GW239-203-PreDis	9/10/2020	N		WG	Disinfection	E300.1	N	5	440-271675-1	15541-45-4
KAFB-106239	GW239-203-PreDis	9/10/2020	N		WG	Disinfection	E331.0	N	1	440-271675-1	14797-73-0
KAFB-106005	KAFB-106005-WR-post	6/30/2020	N		WG	Disinfection	E300.1	N	10	440-268223-1	15541-45-4
KAFB-106005	KAFB-106005-WR-post	6/30/2020	N		WG	Disinfection	E300.1	N	10	440-268223-1	14998-27-7
KAFB-106005	KAFB-106005-WR-post	6/30/2020	N		WG	Disinfection	E331.0	N	1	440-268223-1	14797-73-0
KAFB-106028	KAFB-106028-WR-post	6/29/2020	N		WG	Disinfection	E300.1	N	10	440-268223-1	14998-27-7
KAFB-106028	KAFB-106028-WR-post	6/29/2020	N		WG	Disinfection	E300.1	N	10	440-268223-1	15541-45-4
KAFB-106028	KAFB-106028-WR-post	6/29/2020	N		WG	Disinfection	E331.0	N	1	440-268223-1	14797-73-0
KAFB-106239	KAFB-106239-WR-post	6/29/2020	N		WG	Disinfection	E331.0	N	1	440-268223-1	14797-73-0
KAFB-106239	KAFB-106239-WR-post	6/29/2020	N		WG	Disinfection	E300.1	N	1	440-268223-1	14998-27-7
KAFB-106239	KAFB-106239-WR-post	6/29/2020	N		WG	Disinfection	E300.1	N	1	440-268223-1	15541-45-4
KAFB-106005	KAFB-106005-WR-pre	6/29/2020	N		WG	Disinfection	E300.1	N	10	440-268223-1	14998-27-7
KAFB-106005	KAFB-106005-WR-pre	6/29/2020	N		WG	Disinfection	E300.1	N	10	440-268223-1	15541-45-4
KAFB-106005	KAFB-106005-WR-pre	6/29/2020	N		WG	Disinfection	E331.0	N	1	440-268223-1	14797-73-0
KAFB-106239	KAFB-106239-WR-pre	6/25/2020	N		WG	Disinfection	E300.1	N	1	440-268223-1	14998-27-7
KAFB-106239	KAFB-106239-WR-pre	6/25/2020	N		WG	Disinfection	E300.1	N	1	440-268223-1	15541-45-4
KAFB-106239	KAFB-106239-WR-pre	6/25/2020	N		WG	Disinfection	E331.0	N	1	440-268223-1	14797-73-0
KAFB-106028	KAFB-106028-WR-pre	6/24/2020	N		WG	Disinfection	E331.0	N	1	440-268223-1	14797-73-0
KAFB-106028	KAFB-106028-WR-pre	6/24/2020	N		WG	Disinfection	E300.1	N	5	440-268223-1	14998-27-7
KAFB-106028	KAFB-106028-WR-pre	6/24/2020	N		WG	Disinfection	E300.1	N	5	440-268223-1	15541-45-4
KAFB-106239	GW239-202-PreDis	6/19/2020	N		WG	Disinfection	E331.0	N	1	440-267742-1	14797-73-0
KAFB-106239	GW239-202-PreDis	6/19/2020	N		WG	Disinfection	E300.1	N	1	440-267742-1	14998-27-7
KAFB-106239	GW239-202-PreDis	6/19/2020	N		WG	Disinfection	E300.1	N	5	440-267742-1	15541-45-4

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-EFF2	GWTS-EFF2-040220	Iron
GWTS-BFF-EFF2	GWTS-EFF2-040220	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-040220	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-040220	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-040220	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-040220	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-040220	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-040220	Iron
GWTS-BFF-GAC2	GWTS-GAC2-040220	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-040220	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-040220	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-040220	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-040220	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-040220	Benzene
GWTS-BFF-INF2	GWTS-INF2-040220	Iron
GWTS-BFF-INF2	GWTS-INF2-040220	Manganese
GWTS-BFF-INF2	GWTS-INF2-040220	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-040220	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-040220	Toluene
GWTS-BFF-INF2	GWTS-INF2-040220	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-040220	Benzene
GWTS-BFF-EFF1	GWTS-EFF1-040220	Iron
GWTS-BFF-EFF1	GWTS-EFF1-040220	Manganese
GWTS-BFF-EFF1	GWTS-EFF1-040220	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1-040220	Ethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1-040220	Toluene
GWTS-BFF-EFF1	GWTS-EFF1-040220	Xylenes, total
GWTS-BFF-EFF1	GWTS-EFF1-040220	Benzene
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	Iron
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	Manganese
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	Ethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	Toluene
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	Xylenes, total
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	Benzene
GWTS-BFF-GAC1	GWTS-GAC1-040220	Iron
GWTS-BFF-GAC1	GWTS-GAC1-040220	Manganese
GWTS-BFF-GAC1	GWTS-GAC1-040220	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-040220	Ethylbenzene
GWTS-BFF-GAC1	GWTS-GAC1-040220	Toluene
GWTS-BFF-GAC1	GWTS-GAC1-040220	Xylenes, total
GWTS-BFF-GAC1	GWTS-GAC1-040220	Benzene
GWTS-BFF-INF1	GWTS-INF1-040220	Iron
GWTS-BFF-INF1	GWTS-INF1-040220	Manganese
GWTS-BFF-INF1	GWTS-INF1-040220	1,2-Dibromoethane
GWTS-BFF-INF1	GWTS-INF1-040220	Ethylbenzene
GWTS-BFF-INF1	GWTS-INF1-040220	Toluene
GWTS-BFF-INF1	GWTS-INF1-040220	Xylenes, total
GWTS-BFF-INF1	GWTS-INF1-040220	Benzene
GWTS-BFF-EFF1	GWTS-EFF1-051120	Iron
GWTS-BFF-EFF1	GWTS-EFF1-051120	Manganese
GWTS-BFF-EFF1	GWTS-EFF1-051120	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1-051120	Ethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1-051120	Toluene
GWTS-BFF-EFF1	GWTS-EFF1-051120	Xylenes, total

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-EFF1	GWTS-EFF1-051120	Benzene
GWTS-BFF-GAC1	GWTS-GAC1-051120	Iron
GWTS-BFF-GAC1	GWTS-GAC1-051120	Manganese
GWTS-BFF-GAC1	GWTS-GAC1-051120	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-051120	Ethylbenzene
GWTS-BFF-GAC1	GWTS-GAC1-051120	Toluene
GWTS-BFF-GAC1	GWTS-GAC1-051120	Xylenes, total
GWTS-BFF-GAC1	GWTS-GAC1-051120	Benzene
GWTS-BFF-INF1	GWTS-INF1-051120	Iron
GWTS-BFF-INF1	GWTS-INF1-051120	Manganese
GWTS-BFF-INF1	GWTS-INF1-051120	1,2-Dibromoethane
GWTS-BFF-INF1	GWTS-INF1-051120	Ethylbenzene
GWTS-BFF-INF1	GWTS-INF1-051120	Toluene
GWTS-BFF-INF1	GWTS-INF1-051120	Xylenes, total
GWTS-BFF-INF1	GWTS-INF1-051120	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-051120	Iron
GWTS-BFF-EFF2	GWTS-EFF2-051120	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-051120	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-051120	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-051120	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-051120	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-051120	Benzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	Iron
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	Manganese
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	Toluene
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-051120	Iron
GWTS-BFF-GAC2	GWTS-GAC2-051120	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-051120	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-051120	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-051120	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-051120	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-051120	Benzene
GWTS-BFF-INF2	GWTS-INF2-051120	Iron
GWTS-BFF-INF2	GWTS-INF2-051120	Manganese
GWTS-BFF-INF2	GWTS-INF2-051120	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-051120	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-051120	Toluene
GWTS-BFF-INF2	GWTS-INF2-051120	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-051120	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-060320	Iron
GWTS-BFF-EFF2	GWTS-EFF2-060320	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-060320	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-060320	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-060320	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-060320	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-060320	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-060320	Iron
GWTS-BFF-GAC2	GWTS-GAC2-060320	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-060320	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-060320	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-060320	Toluene

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-GAC2	GWTS-GAC2-060320	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-060320	Benzene
GWTS-BFF-INF2	GWTS-INF2-060320	Iron
GWTS-BFF-INF2	GWTS-INF2-060320	Manganese
GWTS-BFF-INF2	GWTS-INF2-060320	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-060320	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-060320	Toluene
GWTS-BFF-INF2	GWTS-INF2-060320	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-060320	Benzene
GWTS-BFF-EFF1	GWTS-EFF1-060320	Iron
GWTS-BFF-EFF1	GWTS-EFF1-060320	Manganese
GWTS-BFF-EFF1	GWTS-EFF1-060320	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1-060320	Ethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1-060320	Toluene
GWTS-BFF-EFF1	GWTS-EFF1-060320	Xylenes, total
GWTS-BFF-EFF1	GWTS-EFF1-060320	Benzene
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	Iron
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	Manganese
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	Ethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	Toluene
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	Xylenes, total
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	Benzene
GWTS-BFF-GAC1	GWTS-GAC1-060320	Iron
GWTS-BFF-GAC1	GWTS-GAC1-060320	Manganese
GWTS-BFF-GAC1	GWTS-GAC1-060320	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-060320	Ethylbenzene
GWTS-BFF-GAC1	GWTS-GAC1-060320	Toluene
GWTS-BFF-GAC1	GWTS-GAC1-060320	Xylenes, total
GWTS-BFF-GAC1	GWTS-GAC1-060320	Benzene
GWTS-BFF-INF1	GWTS-INF1-060320	Iron
GWTS-BFF-INF1	GWTS-INF1-060320	Manganese
GWTS-BFF-INF1	GWTS-INF1-060320	1,2-Dibromoethane
GWTS-BFF-INF1	GWTS-INF1-060320	Ethylbenzene
GWTS-BFF-INF1	GWTS-INF1-060320	Toluene
GWTS-BFF-INF1	GWTS-INF1-060320	Xylenes, total
GWTS-BFF-INF1	GWTS-INF1-060320	Benzene
GWTS-BFF-EFF1	GWTS-EFF1-072320	Sulfate
GWTS-BFF-EFF1	GWTS-EFF1-072320	Chloride
GWTS-BFF-EFF1	GWTS-EFF1-072320	Nitrogen as nitrate + nitrite
GWTS-BFF-EFF1	GWTS-EFF1-072320	Phenols
GWTS-BFF-EFF1	GWTS-EFF1-072320	Iron
GWTS-BFF-EFF1	GWTS-EFF1-072320	Manganese
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1-072320	Ethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1-072320	Styrene
GWTS-BFF-EFF1	GWTS-EFF1-072320	Cis-1,3-dichloropropene
GWTS-BFF-EFF1	GWTS-EFF1-072320	Trans-1,3-dichloropropene
GWTS-BFF-EFF1	GWTS-EFF1-072320	n-Propylbenzene
GWTS-BFF-EFF1	GWTS-EFF1-072320	n-Butylbenzene
GWTS-BFF-EFF1	GWTS-EFF1-072320	4-Chlorotoluene
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,4-Dichlorobenzene
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1-072320	Acrolein
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,2-Dichloroethane

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-EFF1	GWTS-EFF1-072320	Acrylonitrile
GWTS-BFF-EFF1	GWTS-EFF1-072320	Vinyl acetate
GWTS-BFF-EFF1	GWTS-EFF1-072320	4-Methyl-2-pentanone
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,3,5-Trimethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1-072320	Bromobenzene
GWTS-BFF-EFF1	GWTS-EFF1-072320	Toluene
GWTS-BFF-EFF1	GWTS-EFF1-072320	Chlorobenzene
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,2,4-Trichlorobenzene
GWTS-BFF-EFF1	GWTS-EFF1-072320	Dibromochloromethane
GWTS-BFF-EFF1	GWTS-EFF1-072320	Tetrachloroethene
GWTS-BFF-EFF1	GWTS-EFF1-072320	Xylenes, total
GWTS-BFF-EFF1	GWTS-EFF1-072320	sec-Butylbenzene
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,3-Dichloropropane
GWTS-BFF-EFF1	GWTS-EFF1-072320	Cis-1,2-Dichloroethene
GWTS-BFF-EFF1	GWTS-EFF1-072320	Trans-1,2-Dichloroethene
GWTS-BFF-EFF1	GWTS-EFF1-072320	Methyl tert-butyl ether
GWTS-BFF-EFF1	GWTS-EFF1-072320	m- & p-Xylenes
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,3-Dichlorobenzene
GWTS-BFF-EFF1	GWTS-EFF1-072320	Carbon tetrachloride
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,1-Dichloropropene
GWTS-BFF-EFF1	GWTS-EFF1-072320	2-Hexanone
GWTS-BFF-EFF1	GWTS-EFF1-072320	2,2-Dichloropropane
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,1,1,2-Tetrachloroethane
GWTS-BFF-EFF1	GWTS-EFF1-072320	Acetone
GWTS-BFF-EFF1	GWTS-EFF1-072320	Chloroform
GWTS-BFF-EFF1	GWTS-EFF1-072320	Benzene
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,1,1-Trichloroethane
GWTS-BFF-EFF1	GWTS-EFF1-072320	Bromomethane
GWTS-BFF-EFF1	GWTS-EFF1-072320	Chloromethane
GWTS-BFF-EFF1	GWTS-EFF1-072320	Dibromomethane
GWTS-BFF-EFF1	GWTS-EFF1-072320	Bromochloromethane
GWTS-BFF-EFF1	GWTS-EFF1-072320	Chloroethane
GWTS-BFF-EFF1	GWTS-EFF1-072320	Vinyl chloride
GWTS-BFF-EFF1	GWTS-EFF1-072320	Methylene chloride
GWTS-BFF-EFF1	GWTS-EFF1-072320	Carbon disulfide
GWTS-BFF-EFF1	GWTS-EFF1-072320	Bromoform
GWTS-BFF-EFF1	GWTS-EFF1-072320	Bromodichloromethane
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,1-Dichloroethane
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,1-Dichloroethene
GWTS-BFF-EFF1	GWTS-EFF1-072320	Trichlorofluoromethane
GWTS-BFF-EFF1	GWTS-EFF1-072320	Dichlorodifluoromethane
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,2-Dichloropropane
GWTS-BFF-EFF1	GWTS-EFF1-072320	2-Butanone
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,1,2-Trichloroethane
GWTS-BFF-EFF1	GWTS-EFF1-072320	Trichloroethene
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,1,2,2-Tetrachloroethane
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,2,3-Trichlorobenzene
GWTS-BFF-EFF1	GWTS-EFF1-072320	Hexachloro-1,3-butadiene
GWTS-BFF-EFF1	GWTS-EFF1-072320	Naphthalene
GWTS-BFF-EFF1	GWTS-EFF1-072320	o-Xylene
GWTS-BFF-EFF1	GWTS-EFF1-072320	2-Chlorotoluene
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,2-Dichlorobenzene
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,2,4-Trimethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,2-Dibromo-3-chloropropane
GWTS-BFF-EFF1	GWTS-EFF1-072320	1,2,3-Trichloropropane

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-EFF1	GWTS-EFF1-072320	tert-Butylbenzene
GWTS-BFF-EFF1	GWTS-EFF1-072320	Isopropylbenzene
GWTS-BFF-EFF1	GWTS-EFF1-072320	4-Isopropyltoluene
GWTS-BFF-GAC1	GWTS-GAC1-072320	Iron
GWTS-BFF-GAC1	GWTS-GAC1-072320	Manganese
GWTS-BFF-GAC1	GWTS-GAC1-072320	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-072320	Ethylbenzene
GWTS-BFF-GAC1	GWTS-GAC1-072320	Toluene
GWTS-BFF-GAC1	GWTS-GAC1-072320	Xylenes, total
GWTS-BFF-GAC1	GWTS-GAC1-072320	Benzene
GWTS-BFF-INF1	GWTS-INF1-072320	Sulfate
GWTS-BFF-INF1	GWTS-INF1-072320	Chloride
GWTS-BFF-INF1	GWTS-INF1-072320	Nitrogen as nitrate + nitrite
GWTS-BFF-INF1	GWTS-INF1-072320	Phenols
GWTS-BFF-INF1	GWTS-INF1-072320	Iron
GWTS-BFF-INF1	GWTS-INF1-072320	Manganese
GWTS-BFF-INF1	GWTS-INF1-072320	1,2-Dibromoethane
GWTS-BFF-INF1	GWTS-INF1-072320	Ethylbenzene
GWTS-BFF-INF1	GWTS-INF1-072320	Styrene
GWTS-BFF-INF1	GWTS-INF1-072320	Cis-1,3-dichloropropene
GWTS-BFF-INF1	GWTS-INF1-072320	Trans-1,3-dichloropropene
GWTS-BFF-INF1	GWTS-INF1-072320	n-Propylbenzene
GWTS-BFF-INF1	GWTS-INF1-072320	n-Butylbenzene
GWTS-BFF-INF1	GWTS-INF1-072320	4-Chlorotoluene
GWTS-BFF-INF1	GWTS-INF1-072320	1,4-Dichlorobenzene
GWTS-BFF-INF1	GWTS-INF1-072320	1,2-Dibromoethane
GWTS-BFF-INF1	GWTS-INF1-072320	Acrolein
GWTS-BFF-INF1	GWTS-INF1-072320	1,2-Dichloroethane
GWTS-BFF-INF1	GWTS-INF1-072320	Acrylonitrile
GWTS-BFF-INF1	GWTS-INF1-072320	Vinyl acetate
GWTS-BFF-INF1	GWTS-INF1-072320	4-Methyl-2-pentanone
GWTS-BFF-INF1	GWTS-INF1-072320	1,3,5-Trimethylbenzene
GWTS-BFF-INF1	GWTS-INF1-072320	Bromobenzene
GWTS-BFF-INF1	GWTS-INF1-072320	Toluene
GWTS-BFF-INF1	GWTS-INF1-072320	Chlorobenzene
GWTS-BFF-INF1	GWTS-INF1-072320	1,2,4-Trichlorobenzene
GWTS-BFF-INF1	GWTS-INF1-072320	Dibromochloromethane
GWTS-BFF-INF1	GWTS-INF1-072320	Tetrachloroethene
GWTS-BFF-INF1	GWTS-INF1-072320	Xylenes, total
GWTS-BFF-INF1	GWTS-INF1-072320	sec-Butylbenzene
GWTS-BFF-INF1	GWTS-INF1-072320	1,3-Dichloropropane
GWTS-BFF-INF1	GWTS-INF1-072320	Cis-1,2-Dichloroethene
GWTS-BFF-INF1	GWTS-INF1-072320	Trans-1,2-Dichloroethene
GWTS-BFF-INF1	GWTS-INF1-072320	Methyl tert-butyl ether
GWTS-BFF-INF1	GWTS-INF1-072320	m- & p-Xylenes
GWTS-BFF-INF1	GWTS-INF1-072320	1,3-Dichlorobenzene
GWTS-BFF-INF1	GWTS-INF1-072320	Carbon tetrachloride
GWTS-BFF-INF1	GWTS-INF1-072320	1,1-Dichloropropene
GWTS-BFF-INF1	GWTS-INF1-072320	2-Hexanone
GWTS-BFF-INF1	GWTS-INF1-072320	2,2-Dichloropropane
GWTS-BFF-INF1	GWTS-INF1-072320	1,1,1,2-Tetrachloroethane
GWTS-BFF-INF1	GWTS-INF1-072320	Acetone
GWTS-BFF-INF1	GWTS-INF1-072320	Chloroform
GWTS-BFF-INF1	GWTS-INF1-072320	Benzene
GWTS-BFF-INF1	GWTS-INF1-072320	1,1,1-Trichloroethane

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-INF1	GWTS-INF1-072320	Bromomethane
GWTS-BFF-INF1	GWTS-INF1-072320	Chloromethane
GWTS-BFF-INF1	GWTS-INF1-072320	Dibromomethane
GWTS-BFF-INF1	GWTS-INF1-072320	Bromochloromethane
GWTS-BFF-INF1	GWTS-INF1-072320	Chloroethane
GWTS-BFF-INF1	GWTS-INF1-072320	Vinyl chloride
GWTS-BFF-INF1	GWTS-INF1-072320	Methylene chloride
GWTS-BFF-INF1	GWTS-INF1-072320	Carbon disulfide
GWTS-BFF-INF1	GWTS-INF1-072320	Bromoform
GWTS-BFF-INF1	GWTS-INF1-072320	Bromodichloromethane
GWTS-BFF-INF1	GWTS-INF1-072320	1,1-Dichloroethane
GWTS-BFF-INF1	GWTS-INF1-072320	1,1-Dichloroethene
GWTS-BFF-INF1	GWTS-INF1-072320	Trichlorofluoromethane
GWTS-BFF-INF1	GWTS-INF1-072320	Dichlorodifluoromethane
GWTS-BFF-INF1	GWTS-INF1-072320	1,2-Dichloropropane
GWTS-BFF-INF1	GWTS-INF1-072320	2-Butanone
GWTS-BFF-INF1	GWTS-INF1-072320	1,1,2-Trichloroethane
GWTS-BFF-INF1	GWTS-INF1-072320	Trichloroethene
GWTS-BFF-INF1	GWTS-INF1-072320	1,1,2,2-Tetrachloroethane
GWTS-BFF-INF1	GWTS-INF1-072320	1,2,3-Trichlorobenzene
GWTS-BFF-INF1	GWTS-INF1-072320	Hexachloro-1,3-butadiene
GWTS-BFF-INF1	GWTS-INF1-072320	Naphthalene
GWTS-BFF-INF1	GWTS-INF1-072320	o-Xylene
GWTS-BFF-INF1	GWTS-INF1-072320	2-Chlorotoluene
GWTS-BFF-INF1	GWTS-INF1-072320	1,2-Dichlorobenzene
GWTS-BFF-INF1	GWTS-INF1-072320	1,2,4-Trimethylbenzene
GWTS-BFF-INF1	GWTS-INF1-072320	1,2-Dibromo-3-chloropropane
GWTS-BFF-INF1	GWTS-INF1-072320	1,2,3-Trichloropropane
GWTS-BFF-INF1	GWTS-INF1-072320	tert-Butylbenzene
GWTS-BFF-INF1	GWTS-INF1-072320	Isopropylbenzene
GWTS-BFF-INF1	GWTS-INF1-072320	4-Isopropyltoluene
GWTS-BFF-EFF2	GWTS-EFF2-072320	Sulfate
GWTS-BFF-EFF2	GWTS-EFF2-072320	Chloride
GWTS-BFF-EFF2	GWTS-EFF2-072320	Nitrogen as nitrate + nitrite
GWTS-BFF-EFF2	GWTS-EFF2-072320	Phenols
GWTS-BFF-EFF2	GWTS-EFF2-072320	Iron
GWTS-BFF-EFF2	GWTS-EFF2-072320	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Sulfate
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Chloride
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Nitrogen as nitrate + nitrite
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Phenols
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Iron
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Manganese
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-072320	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-072320	Styrene
GWTS-BFF-EFF2	GWTS-EFF2-072320	Cis-1,3-dichloropropene
GWTS-BFF-EFF2	GWTS-EFF2-072320	Trans-1,3-dichloropropene
GWTS-BFF-EFF2	GWTS-EFF2-072320	n-Propylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-072320	n-Butylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-072320	4-Chlorotoluene
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,4-Dichlorobenzene
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-072320	Acrolein

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,2-Dichloroethane
GWTS-BFF-EFF2	GWTS-EFF2-072320	Acrylonitrile
GWTS-BFF-EFF2	GWTS-EFF2-072320	4-Methyl-2-pentanone
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,3,5-Trimethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-072320	Bromobenzene
GWTS-BFF-EFF2	GWTS-EFF2-072320	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-072320	Chlorobenzene
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,2,4-Trichlorobenzene
GWTS-BFF-EFF2	GWTS-EFF2-072320	Dibromochloromethane
GWTS-BFF-EFF2	GWTS-EFF2-072320	Tetrachloroethene
GWTS-BFF-EFF2	GWTS-EFF2-072320	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-072320	sec-Butylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,3-Dichloropropane
GWTS-BFF-EFF2	GWTS-EFF2-072320	Cis-1,2-Dichloroethene
GWTS-BFF-EFF2	GWTS-EFF2-072320	Trans-1,2-Dichloroethene
GWTS-BFF-EFF2	GWTS-EFF2-072320	Methyl tert-butyl ether
GWTS-BFF-EFF2	GWTS-EFF2-072320	m- & p-Xylenes
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,3-Dichlorobenzene
GWTS-BFF-EFF2	GWTS-EFF2-072320	Carbon tetrachloride
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,1-Dichloropropene
GWTS-BFF-EFF2	GWTS-EFF2-072320	2-Hexanone
GWTS-BFF-EFF2	GWTS-EFF2-072320	2,2-Dichloropropane
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,1,1,2-Tetrachloroethane
GWTS-BFF-EFF2	GWTS-EFF2-072320	Acetone
GWTS-BFF-EFF2	GWTS-EFF2-072320	Chloroform
GWTS-BFF-EFF2	GWTS-EFF2-072320	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,1,1-Trichloroethane
GWTS-BFF-EFF2	GWTS-EFF2-072320	Bromomethane
GWTS-BFF-EFF2	GWTS-EFF2-072320	Chloromethane
GWTS-BFF-EFF2	GWTS-EFF2-072320	Dibromomethane
GWTS-BFF-EFF2	GWTS-EFF2-072320	Bromochloromethane
GWTS-BFF-EFF2	GWTS-EFF2-072320	Chloroethane
GWTS-BFF-EFF2	GWTS-EFF2-072320	Vinyl chloride
GWTS-BFF-EFF2	GWTS-EFF2-072320	Methylene chloride
GWTS-BFF-EFF2	GWTS-EFF2-072320	Carbon disulfide
GWTS-BFF-EFF2	GWTS-EFF2-072320	Bromoform
GWTS-BFF-EFF2	GWTS-EFF2-072320	Bromodichloromethane
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,1-Dichloroethane
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,1-Dichloroethene
GWTS-BFF-EFF2	GWTS-EFF2-072320	Trichlorofluoromethane
GWTS-BFF-EFF2	GWTS-EFF2-072320	Dichlorodifluoromethane
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,2-Dichloropropane
GWTS-BFF-EFF2	GWTS-EFF2-072320	2-Butanone
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,1,2-Trichloroethane
GWTS-BFF-EFF2	GWTS-EFF2-072320	Trichloroethene
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,1,2,2-Tetrachloroethane
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,2,3-Trichlorobenzene
GWTS-BFF-EFF2	GWTS-EFF2-072320	Hexachloro-1,3-butadiene
GWTS-BFF-EFF2	GWTS-EFF2-072320	Naphthalene
GWTS-BFF-EFF2	GWTS-EFF2-072320	o-Xylene
GWTS-BFF-EFF2	GWTS-EFF2-072320	2-Chlorotoluene
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,2-Dichlorobenzene
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,2,4-Trimethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,2-Dibromo-3-chloropropane
GWTS-BFF-EFF2	GWTS-EFF2-072320	1,2,3-Trichloropropane

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-EFF2	GWTS-EFF2-072320	tert-Butylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-072320	Isopropylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-072320	4-Isopropyltoluene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Styrene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Cis-1,3-dichloropropene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Trans-1,3-dichloropropene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	n-Propylbenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	n-Butylbenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	4-Chlorotoluene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,4-Dichlorobenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Acrolein
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,2-Dichloroethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Acrylonitrile
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	4-Methyl-2-pentanone
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,3,5-Trimethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Bromobenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Toluene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Chlorobenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,2,4-Trichlorobenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Dibromochloromethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Tetrachloroethene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	sec-Butylbenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,3-Dichloropropane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Cis-1,2-Dichloroethene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Trans-1,2-Dichloroethene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Methyl tert-butyl ether
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	m- & p-Xylenes
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,3-Dichlorobenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Carbon tetrachloride
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,1-Dichloropropene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	2-Hexanone
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	2,2-Dichloropropane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,1,1,2-Tetrachloroethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Acetone
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Chloroform
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Benzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,1,1-Trichloroethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Bromomethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Chloromethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Dibromomethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Bromochloromethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Chloroethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Vinyl chloride
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Methylene chloride
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Carbon disulfide
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Bromoform
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Bromodichloromethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,1-Dichloroethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,1-Dichloroethene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Trichlorofluoromethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Dichlorodifluoromethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,2-Dichloropropane

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	2-Butanone
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,1,2-Trichloroethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Trichloroethene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,1,2,2-Tetrachloroethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,2,3-Trichlorobenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Hexachloro-1,3-butadiene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Naphthalene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	o-Xylene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	2-Chlorotoluene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,2-Dichlorobenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,2,4-Trimethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,2-Dibromo-3-chloropropane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1,2,3-Trichloropropane
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	tert-Butylbenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	Isopropylbenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	4-Isopropyltoluene
GWTS-BFF-GAC2	GWTS-GAC2-072320	Iron
GWTS-BFF-GAC2	GWTS-GAC2-072320	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-072320	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-072320	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-072320	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-072320	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-072320	Benzene
GWTS-BFF-INF2	GWTS-INF2-072320	Sulfate
GWTS-BFF-INF2	GWTS-INF2-072320	Chloride
GWTS-BFF-INF2	GWTS-INF2-072320	Nitrogen as nitrate + nitrite
GWTS-BFF-INF2	GWTS-INF2-072320	Phenols
GWTS-BFF-INF2	GWTS-INF2-072320	Manganese
GWTS-BFF-INF2	GWTS-INF2-072320	Iron
GWTS-BFF-INF2	GWTS-INF2-072320	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-072320	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-072320	Styrene
GWTS-BFF-INF2	GWTS-INF2-072320	Cis-1,3-dichloropropene
GWTS-BFF-INF2	GWTS-INF2-072320	Trans-1,3-dichloropropene
GWTS-BFF-INF2	GWTS-INF2-072320	n-Propylbenzene
GWTS-BFF-INF2	GWTS-INF2-072320	n-Butylbenzene
GWTS-BFF-INF2	GWTS-INF2-072320	4-Chlorotoluene
GWTS-BFF-INF2	GWTS-INF2-072320	1,4-Dichlorobenzene
GWTS-BFF-INF2	GWTS-INF2-072320	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-072320	Acrolein
GWTS-BFF-INF2	GWTS-INF2-072320	1,2-Dichloroethane
GWTS-BFF-INF2	GWTS-INF2-072320	Acrylonitrile
GWTS-BFF-INF2	GWTS-INF2-072320	4-Methyl-2-pentanone
GWTS-BFF-INF2	GWTS-INF2-072320	1,3,5-Trimethylbenzene
GWTS-BFF-INF2	GWTS-INF2-072320	Bromobenzene
GWTS-BFF-INF2	GWTS-INF2-072320	Toluene
GWTS-BFF-INF2	GWTS-INF2-072320	Chlorobenzene
GWTS-BFF-INF2	GWTS-INF2-072320	1,2,4-Trichlorobenzene
GWTS-BFF-INF2	GWTS-INF2-072320	Dibromochloromethane
GWTS-BFF-INF2	GWTS-INF2-072320	Tetrachloroethene
GWTS-BFF-INF2	GWTS-INF2-072320	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-072320	sec-Butylbenzene
GWTS-BFF-INF2	GWTS-INF2-072320	1,3-Dichloropropane
GWTS-BFF-INF2	GWTS-INF2-072320	Cis-1,2-Dichloroethene
GWTS-BFF-INF2	GWTS-INF2-072320	Trans-1,2-Dichloroethene

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-INF2	GWTS-INF2-072320	Methyl tert-butyl ether
GWTS-BFF-INF2	GWTS-INF2-072320	m- & p-Xylenes
GWTS-BFF-INF2	GWTS-INF2-072320	1,3-Dichlorobenzene
GWTS-BFF-INF2	GWTS-INF2-072320	Carbon tetrachloride
GWTS-BFF-INF2	GWTS-INF2-072320	1,1-Dichloropropene
GWTS-BFF-INF2	GWTS-INF2-072320	2-Hexanone
GWTS-BFF-INF2	GWTS-INF2-072320	2,2-Dichloropropane
GWTS-BFF-INF2	GWTS-INF2-072320	1,1,1,2-Tetrachloroethane
GWTS-BFF-INF2	GWTS-INF2-072320	Acetone
GWTS-BFF-INF2	GWTS-INF2-072320	Chloroform
GWTS-BFF-INF2	GWTS-INF2-072320	Benzene
GWTS-BFF-INF2	GWTS-INF2-072320	1,1,1-Trichloroethane
GWTS-BFF-INF2	GWTS-INF2-072320	Bromomethane
GWTS-BFF-INF2	GWTS-INF2-072320	Chloromethane
GWTS-BFF-INF2	GWTS-INF2-072320	Dibromomethane
GWTS-BFF-INF2	GWTS-INF2-072320	Bromochloromethane
GWTS-BFF-INF2	GWTS-INF2-072320	Chloroethane
GWTS-BFF-INF2	GWTS-INF2-072320	Vinyl chloride
GWTS-BFF-INF2	GWTS-INF2-072320	Methylene chloride
GWTS-BFF-INF2	GWTS-INF2-072320	Carbon disulfide
GWTS-BFF-INF2	GWTS-INF2-072320	Bromoform
GWTS-BFF-INF2	GWTS-INF2-072320	Bromodichloromethane
GWTS-BFF-INF2	GWTS-INF2-072320	1,1-Dichloroethane
GWTS-BFF-INF2	GWTS-INF2-072320	1,1-Dichloroethene
GWTS-BFF-INF2	GWTS-INF2-072320	Trichlorofluoromethane
GWTS-BFF-INF2	GWTS-INF2-072320	Dichlorodifluoromethane
GWTS-BFF-INF2	GWTS-INF2-072320	1,2-Dichloropropane
GWTS-BFF-INF2	GWTS-INF2-072320	2-Butanone
GWTS-BFF-INF2	GWTS-INF2-072320	1,1,2-Trichloroethane
GWTS-BFF-INF2	GWTS-INF2-072320	Trichloroethene
GWTS-BFF-INF2	GWTS-INF2-072320	1,1,2,2-Tetrachloroethane
GWTS-BFF-INF2	GWTS-INF2-072320	1,2,3-Trichlorobenzene
GWTS-BFF-INF2	GWTS-INF2-072320	Hexachloro-1,3-butadiene
GWTS-BFF-INF2	GWTS-INF2-072320	Naphthalene
GWTS-BFF-INF2	GWTS-INF2-072320	o-Xylene
GWTS-BFF-INF2	GWTS-INF2-072320	2-Chlorotoluene
GWTS-BFF-INF2	GWTS-INF2-072320	1,2-Dichlorobenzene
GWTS-BFF-INF2	GWTS-INF2-072320	1,2,4-Trimethylbenzene
GWTS-BFF-INF2	GWTS-INF2-072320	1,2-Dibromo-3-chloropropane
GWTS-BFF-INF2	GWTS-INF2-072320	1,2,3-Trichloropropane
GWTS-BFF-INF2	GWTS-INF2-072320	tert-Butylbenzene
GWTS-BFF-INF2	GWTS-INF2-072320	Isopropylbenzene
GWTS-BFF-INF2	GWTS-INF2-072320	4-Isopropyltoluene
GWTS-BFF-EFF2	GWTS-EFF2-080520	Iron
GWTS-BFF-EFF2	GWTS-EFF2-080520	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-080520	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-080520	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-080520	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-080520	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-080520	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-080520	Iron
GWTS-BFF-GAC2	GWTS-GAC2-080520	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-080520	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-080520	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-080520	Toluene

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-GAC2	GWTS-GAC2-080520	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-080520	Benzene
GWTS-BFF-INF2	GWTS-INF2-080520	Iron
GWTS-BFF-INF2	GWTS-INF2-080520	Manganese
GWTS-BFF-INF2	GWTS-INF2-080520	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-080520	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-080520	Toluene
GWTS-BFF-INF2	GWTS-INF2-080520	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-080520	Benzene
GWTS-BFF-EFF1	GWTS-EFF1-080520	Iron
GWTS-BFF-EFF1	GWTS-EFF1-080520	Manganese
GWTS-BFF-EFF1	GWTS-EFF1-080520	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1-080520	Ethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1-080520	Toluene
GWTS-BFF-EFF1	GWTS-EFF1-080520	Xylenes, total
GWTS-BFF-EFF1	GWTS-EFF1-080520	Benzene
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	Iron
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	Manganese
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	Ethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	Toluene
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	Xylenes, total
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	Benzene
GWTS-BFF-GAC1	GWTS-GAC1-080520	Iron
GWTS-BFF-GAC1	GWTS-GAC1-080520	Manganese
GWTS-BFF-GAC1	GWTS-GAC1-080520	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-080520	Ethylbenzene
GWTS-BFF-GAC1	GWTS-GAC1-080520	Toluene
GWTS-BFF-GAC1	GWTS-GAC1-080520	Xylenes, total
GWTS-BFF-GAC1	GWTS-GAC1-080520	Benzene
GWTS-BFF-INF1	GWTS-INF1-080520	Iron
GWTS-BFF-INF1	GWTS-INF1-080520	Manganese
GWTS-BFF-INF1	GWTS-INF1-080520	1,2-Dibromoethane
GWTS-BFF-INF1	GWTS-INF1-080520	Ethylbenzene
GWTS-BFF-INF1	GWTS-INF1-080520	Toluene
GWTS-BFF-INF1	GWTS-INF1-080520	Xylenes, total
GWTS-BFF-INF1	GWTS-INF1-080520	Benzene
GWTS-BFF-EFF1	GWTS-EFF1-082620	Bis(2-ethylhexyl) phthalate
GWTS-BFF-EFF1	GWTS-EFF1-082620	Pyrene
GWTS-BFF-EFF1	GWTS-EFF1-082620	1-Methylnaphthalene
GWTS-BFF-EFF1	GWTS-EFF1-082620	Naphthalene
GWTS-BFF-EFF1	GWTS-EFF1-082620	2-Methylnaphthalene
GWTS-BFF-INF1	GWTS-INF1-082620	Bis(2-ethylhexyl) phthalate
GWTS-BFF-INF1	GWTS-INF1-082620	Pyrene
GWTS-BFF-INF1	GWTS-INF1-082620	1-Methylnaphthalene
GWTS-BFF-INF1	GWTS-INF1-082620	Naphthalene
GWTS-BFF-INF1	GWTS-INF1-082620	2-Methylnaphthalene
KAFB-106233	KAFB-106233	Bis(2-ethylhexyl) phthalate
KAFB-106233	KAFB-106233	Pyrene
KAFB-106233	KAFB-106233	1-Methylnaphthalene
KAFB-106233	KAFB-106233	Naphthalene
KAFB-106233	KAFB-106233	2-Methylnaphthalene
KAFB-106234	KAFB-106234	Bis(2-ethylhexyl) phthalate
KAFB-106234	KAFB-106234	Pyrene
KAFB-106234	KAFB-106234	1-Methylnaphthalene

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
KAFB-106234	KAFB-106234	Naphthalene
KAFB-106234	KAFB-106234	2-Methylnaphthalene
GWTS-BFF-GAC1	GWTS-GAC1-A1-090120	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-A2-090120	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-A3-090120	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-B1-090120	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-B2-090120	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-B3-090120	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-A1-090120	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-A2-090120	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-A3-090120	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-B1-090120	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-B2-090120	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-B3-090120	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1-090920	Iron
GWTS-BFF-EFF1	GWTS-EFF1-090920	Manganese
GWTS-BFF-EFF1	GWTS-EFF1-090920	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1-090920	Ethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1-090920	Toluene
GWTS-BFF-EFF1	GWTS-EFF1-090920	Xylenes, total
GWTS-BFF-EFF1	GWTS-EFF1-090920	Benzene
GWTS-BFF-GAC1	GWTS-GAC1-090920	Iron
GWTS-BFF-GAC1	GWTS-GAC1-090920	Manganese
GWTS-BFF-GAC1	GWTS-GAC1-090920	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-090920	Ethylbenzene
GWTS-BFF-GAC1	GWTS-GAC1-090920	Toluene
GWTS-BFF-GAC1	GWTS-GAC1-090920	Xylenes, total
GWTS-BFF-GAC1	GWTS-GAC1-090920	Benzene
GWTS-BFF-INF1	GWTS-INF1-090920	Iron
GWTS-BFF-INF1	GWTS-INF1-090920	Manganese
GWTS-BFF-INF1	GWTS-INF1-090920	1,2-Dibromoethane
GWTS-BFF-INF1	GWTS-INF1-090920	Ethylbenzene
GWTS-BFF-INF1	GWTS-INF1-090920	Toluene
GWTS-BFF-INF1	GWTS-INF1-090920	Xylenes, total
GWTS-BFF-INF1	GWTS-INF1-090920	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-090920	Iron
GWTS-BFF-EFF2	GWTS-EFF2-090920	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-090920	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-090920	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-090920	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-090920	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-090920	Benzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	Iron
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	Manganese
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	Toluene
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-090920	Iron
GWTS-BFF-GAC2	GWTS-GAC2-090920	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-090920	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-090920	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-090920	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-090920	Xylenes, total

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-GAC2	GWTS-GAC2-090920	Benzene
GWTS-BFF-INF2	GWTS-INF2-090920	Iron
GWTS-BFF-INF2	GWTS-INF2-090920	Manganese
GWTS-BFF-INF2	GWTS-INF2-090920	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-090920	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-090920	Toluene
GWTS-BFF-INF2	GWTS-INF2-090920	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-090920	Benzene
GWTS-BFF-EFF1	GWTS-EFF1-100120	Iron
GWTS-BFF-EFF1	GWTS-EFF1-100120	Manganese
GWTS-BFF-EFF1	GWTS-EFF1-100120	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1-100120	Ethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1-100120	Toluene
GWTS-BFF-EFF1	GWTS-EFF1-100120	Xylenes, total
GWTS-BFF-EFF1	GWTS-EFF1-100120	Benzene
GWTS-BFF-GAC1	GWTS-GAC1-100120	Iron
GWTS-BFF-GAC1	GWTS-GAC1-100120	Manganese
GWTS-BFF-GAC1	GWTS-GAC1-100120	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-100120	Ethylbenzene
GWTS-BFF-GAC1	GWTS-GAC1-100120	Toluene
GWTS-BFF-GAC1	GWTS-GAC1-100120	Xylenes, total
GWTS-BFF-GAC1	GWTS-GAC1-100120	Benzene
GWTS-BFF-INF1	GWTS-INF1-100120	Iron
GWTS-BFF-INF1	GWTS-INF1-100120	Manganese
GWTS-BFF-INF1	GWTS-INF1-100120	1,2-Dibromoethane
GWTS-BFF-INF1	GWTS-INF1-100120	Ethylbenzene
GWTS-BFF-INF1	GWTS-INF1-100120	Toluene
GWTS-BFF-INF1	GWTS-INF1-100120	Xylenes, total
GWTS-BFF-INF1	GWTS-INF1-100120	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-100120	Iron
GWTS-BFF-EFF2	GWTS-EFF2-100120	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-100120	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-100120	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-100120	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-100120	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-100120	Benzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	Iron
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	Manganese
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	Toluene
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-100120	Iron
GWTS-BFF-GAC2	GWTS-GAC2-100120	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-100120	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-100120	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-100120	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-100120	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-100120	Benzene
GWTS-BFF-INF2	GWTS-INF2-100120	Iron
GWTS-BFF-INF2	GWTS-INF2-100120	Manganese
GWTS-BFF-INF2	GWTS-INF2-100120	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-100120	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-100120	Toluene

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-INF2	GWTS-INF2-100120	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-100120	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-111120	Iron
GWTS-BFF-EFF2	GWTS-EFF2-111120	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-111120	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-111120	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-111120	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-111120	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-111120	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-111120	Iron
GWTS-BFF-GAC2	GWTS-GAC2-111120	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-111120	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-111120	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-111120	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-111120	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-111120	Benzene
GWTS-BFF-INF2	GWTS-INF2-111120	Iron
GWTS-BFF-INF2	GWTS-INF2-111120	Manganese
GWTS-BFF-INF2	GWTS-INF2-111120	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-111120	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-111120	Toluene
GWTS-BFF-INF2	GWTS-INF2-111120	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-111120	Benzene
GWTS-BFF-EFF1	GWTS-EFF1-111120	Iron
GWTS-BFF-EFF1	GWTS-EFF1-111120	Manganese
GWTS-BFF-EFF1	GWTS-EFF1-111120	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1-111120	Ethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1-111120	Toluene
GWTS-BFF-EFF1	GWTS-EFF1-111120	Xylenes, total
GWTS-BFF-EFF1	GWTS-EFF1-111120	Benzene
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	Iron
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	Manganese
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	Ethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	Toluene
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	Xylenes, total
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	Benzene
GWTS-BFF-GAC1	GWTS-GAC1-111120	Iron
GWTS-BFF-GAC1	GWTS-GAC1-111120	Manganese
GWTS-BFF-GAC1	GWTS-GAC1-111120	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-111120	Ethylbenzene
GWTS-BFF-GAC1	GWTS-GAC1-111120	Toluene
GWTS-BFF-GAC1	GWTS-GAC1-111120	Xylenes, total
GWTS-BFF-GAC1	GWTS-GAC1-111120	Benzene
GWTS-BFF-INF1	GWTS-INF1-111120	Iron
GWTS-BFF-INF1	GWTS-INF1-111120	Manganese
GWTS-BFF-INF1	GWTS-INF1-111120	1,2-Dibromoethane
GWTS-BFF-INF1	GWTS-INF1-111120	Ethylbenzene
GWTS-BFF-INF1	GWTS-INF1-111120	Toluene
GWTS-BFF-INF1	GWTS-INF1-111120	Xylenes, total
GWTS-BFF-INF1	GWTS-INF1-111120	Benzene
GWTS-BFF-EFF1	GWTS-EFF1-120320	Iron
GWTS-BFF-EFF1	GWTS-EFF1-120320	Manganese
GWTS-BFF-EFF1	GWTS-EFF1-120320	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1-120320	Ethylbenzene

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-EFF1	GWTS-EFF1-120320	Toluene
GWTS-BFF-EFF1	GWTS-EFF1-120320	Xylenes, total
GWTS-BFF-EFF1	GWTS-EFF1-120320	Benzene
GWTS-BFF-GAC1	GWTS-GAC1-120320	Iron
GWTS-BFF-GAC1	GWTS-GAC1-120320	Manganese
GWTS-BFF-GAC1	GWTS-GAC1-120320	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-120320	Ethylbenzene
GWTS-BFF-GAC1	GWTS-GAC1-120320	Toluene
GWTS-BFF-GAC1	GWTS-GAC1-120320	Xylenes, total
GWTS-BFF-GAC1	GWTS-GAC1-120320	Benzene
GWTS-BFF-INF1	GWTS-INF1-120320	Iron
GWTS-BFF-INF1	GWTS-INF1-120320	Manganese
GWTS-BFF-INF1	GWTS-INF1-120320	1,2-Dibromoethane
GWTS-BFF-INF1	GWTS-INF1-120320	Ethylbenzene
GWTS-BFF-INF1	GWTS-INF1-120320	Toluene
GWTS-BFF-INF1	GWTS-INF1-120320	Xylenes, total
GWTS-BFF-INF1	GWTS-INF1-120320	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-120320	Iron
GWTS-BFF-EFF2	GWTS-EFF2-120320	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-120320	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-120320	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-120320	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-120320	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-120320	Benzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	Iron
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	Manganese
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	Toluene
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-120320	Iron
GWTS-BFF-GAC2	GWTS-GAC2-120320	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-120320	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-120320	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-120320	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-120320	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-120320	Benzene
GWTS-BFF-INF2	GWTS-INF2-120320	Iron
GWTS-BFF-INF2	GWTS-INF2-120320	Manganese
GWTS-BFF-INF2	GWTS-INF2-120320	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-120320	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-120320	Toluene
GWTS-BFF-INF2	GWTS-INF2-120320	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-120320	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-011221	Iron
GWTS-BFF-EFF2	GWTS-EFF2-011221	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-011221	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-011221	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-011221	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-011221	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-011221	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-011221	Iron
GWTS-BFF-GAC2	GWTS-GAC2-011221	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-011221	1,2-Dibromoethane

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-GAC2	GWTS-GAC2-011221	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-011221	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-011221	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-011221	Benzene
GWTS-BFF-INF2	GWTS-INF2-011221	Iron
GWTS-BFF-INF2	GWTS-INF2-011221	Manganese
GWTS-BFF-INF2	GWTS-INF2-011221	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-011221	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-011221	Toluene
GWTS-BFF-INF2	GWTS-INF2-011221	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-011221	Benzene
GWTS-BFF-EFF1	GWTS-EFF1-011221	Ethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1-011221	Toluene
GWTS-BFF-EFF1	GWTS-EFF1-011221	Xylenes, total
GWTS-BFF-EFF1	GWTS-EFF1-011221	Benzene
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	Iron
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	Manganese
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	Ethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	Toluene
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	Xylenes, total
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	Benzene
GWTS-BFF-EFF1	GWTS-EFF1-011221	Iron
GWTS-BFF-EFF1	GWTS-EFF1-011221	Manganese
GWTS-BFF-EFF1	GWTS-EFF1-011221	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-011221	Iron
GWTS-BFF-GAC1	GWTS-GAC1-011221	Manganese
GWTS-BFF-GAC1	GWTS-GAC1-011221	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-011221	Ethylbenzene
GWTS-BFF-GAC1	GWTS-GAC1-011221	Toluene
GWTS-BFF-GAC1	GWTS-GAC1-011221	Xylenes, total
GWTS-BFF-GAC1	GWTS-GAC1-011221	Benzene
GWTS-BFF-INF1	GWTS-INF1-011221	Iron
GWTS-BFF-INF1	GWTS-INF1-011221	Manganese
GWTS-BFF-INF1	GWTS-INF1-011221	1,2-Dibromoethane
GWTS-BFF-INF1	GWTS-INF1-011221	Ethylbenzene
GWTS-BFF-INF1	GWTS-INF1-011221	Toluene
GWTS-BFF-INF1	GWTS-INF1-011221	Xylenes, total
GWTS-BFF-INF1	GWTS-INF1-011221	Benzene
GWTS-BFF-GAC1	GWTS-GAC1-A1-011221	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-A2-011221	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-A3-011221	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-B1-011221	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-B2-011221	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-B3-011221	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-A1-011221	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-A2-011221	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-A3-011221	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-B1-011221	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-B2-011221	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-B3-011221	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1-020521	Iron
GWTS-BFF-EFF1	GWTS-EFF1-020521	Manganese
GWTS-BFF-EFF1	GWTS-EFF1-020521	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1-020521	Ethylbenzene

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-EFF1	GWTS-EFF1-020521	Toluene
GWTS-BFF-EFF1	GWTS-EFF1-020521	Xylenes, total
GWTS-BFF-EFF1	GWTS-EFF1-020521	Benzene
GWTS-BFF-GAC1	GWTS-GAC1-020521	Iron
GWTS-BFF-GAC1	GWTS-GAC1-020521	Manganese
GWTS-BFF-GAC1	GWTS-GAC1-020521	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-020521	Ethylbenzene
GWTS-BFF-GAC1	GWTS-GAC1-020521	Toluene
GWTS-BFF-GAC1	GWTS-GAC1-020521	Xylenes, total
GWTS-BFF-GAC1	GWTS-GAC1-020521	Benzene
GWTS-BFF-INF1	GWTS-INF1-020521	Manganese
GWTS-BFF-INF1	GWTS-INF1-020521	Iron
GWTS-BFF-INF1	GWTS-INF1-020521	1,2-Dibromoethane
GWTS-BFF-INF1	GWTS-INF1-020521	Ethylbenzene
GWTS-BFF-INF1	GWTS-INF1-020521	Toluene
GWTS-BFF-INF1	GWTS-INF1-020521	Xylenes, total
GWTS-BFF-INF1	GWTS-INF1-020521	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-020521	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-020521	Iron
GWTS-BFF-EFF2	GWTS-EFF2-020521	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-020521	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-020521	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-020521	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-020521	Benzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	Iron
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	Manganese
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	Toluene
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-020521	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-020521	Iron
GWTS-BFF-GAC2	GWTS-GAC2-020521	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-020521	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-020521	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-020521	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-020521	Benzene
GWTS-BFF-INF2	GWTS-INF2-020521	Manganese
GWTS-BFF-INF2	GWTS-INF2-020521	Iron
GWTS-BFF-INF2	GWTS-INF2-020521	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-020521	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-020521	Toluene
GWTS-BFF-INF2	GWTS-INF2-020521	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-020521	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-030321	Iron
GWTS-BFF-EFF2	GWTS-EFF2-030321	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-030321	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-030321	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-030321	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-030321	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-030321	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-030321	Iron
GWTS-BFF-GAC2	GWTS-GAC2-030321	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-030321	1,2-Dibromoethane

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-GAC2	GWTS-GAC2-030321	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-030321	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-030321	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-030321	Benzene
GWTS-BFF-INF2	GWTS-INF2-030321	Benzene
GWTS-BFF-INF2	GWTS-INF2-030321	Iron
GWTS-BFF-INF2	GWTS-INF2-030321	Manganese
GWTS-BFF-INF2	GWTS-INF2-030321	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-030321	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-030321	Toluene
GWTS-BFF-INF2	GWTS-INF2-030321	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-030421	Iron
GWTS-BFF-EFF2	GWTS-EFF2-030421	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-030421	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-030421	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-030421	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-030421	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-030421	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-030421	Iron
GWTS-BFF-GAC2	GWTS-GAC2-030421	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-030421	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-030421	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-030421	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-030421	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-030421	Benzene
GWTS-BFF-INF2	GWTS-INF2-030421	Iron
GWTS-BFF-INF2	GWTS-INF2-030421	Manganese
GWTS-BFF-INF2	GWTS-INF2-030421	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-030421	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-030421	Toluene
GWTS-BFF-INF2	GWTS-INF2-030421	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-030421	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-030521	Iron
GWTS-BFF-EFF2	GWTS-EFF2-030521	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-030521	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-030521	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-030521	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-030521	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-030521	Benzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	Iron
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	Manganese
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	Toluene
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-030521	Iron
GWTS-BFF-GAC2	GWTS-GAC2-030521	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-030521	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-030521	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-030521	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-030521	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-030521	Benzene
GWTS-BFF-INF2	GWTS-INF2-030521	Iron
GWTS-BFF-INF2	GWTS-INF2-030521	Manganese

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-INF2	GWTS-INF2-030521	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-030521	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-030521	Toluene
GWTS-BFF-INF2	GWTS-INF2-030521	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-030521	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-030621	Iron
GWTS-BFF-EFF2	GWTS-EFF2-030621	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-030621	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-030621	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-030621	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-030621	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-030621	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-030621	Iron
GWTS-BFF-GAC2	GWTS-GAC2-030621	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-030621	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-030621	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-030621	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-030621	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-030621	Benzene
GWTS-BFF-INF2	GWTS-INF2-030621	Iron
GWTS-BFF-INF2	GWTS-INF2-030621	Manganese
GWTS-BFF-INF2	GWTS-INF2-030621	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-030621	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-030621	Toluene
GWTS-BFF-INF2	GWTS-INF2-030621	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-030621	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-030721	Iron
GWTS-BFF-EFF2	GWTS-EFF2-030721	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-030721	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-030721	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-030721	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-030721	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-030721	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-030721	Iron
GWTS-BFF-GAC2	GWTS-GAC2-030721	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-030721	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-030721	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-030721	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-030721	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-030721	Benzene
GWTS-BFF-INF2	GWTS-INF2-030721	Iron
GWTS-BFF-INF2	GWTS-INF2-030721	Manganese
GWTS-BFF-INF2	GWTS-INF2-030721	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-030721	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-030721	Toluene
GWTS-BFF-INF2	GWTS-INF2-030721	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-030721	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-030821	Iron
GWTS-BFF-EFF2	GWTS-EFF2-030821	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-030821	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-030821	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-030821	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-030821	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-030821	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-030821	Iron

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-GAC2	GWTS-GAC2-030821	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-030821	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-030821	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-030821	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-030821	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-030821	Benzene
GWTS-BFF-INF2	GWTS-INF2-030821	Iron
GWTS-BFF-INF2	GWTS-INF2-030821	Manganese
GWTS-BFF-INF2	GWTS-INF2-030821	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-030821	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-030821	Toluene
GWTS-BFF-INF2	GWTS-INF2-030821	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-030821	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-030921	Iron
GWTS-BFF-EFF2	GWTS-EFF2-030921	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-030921	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-030921	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-030921	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-030921	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-030921	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-030921	Iron
GWTS-BFF-GAC2	GWTS-GAC2-030921	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-030921	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-030921	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-030921	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-030921	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-030921	Benzene
GWTS-BFF-INF2	GWTS-INF2-030921	Iron
GWTS-BFF-INF2	GWTS-INF2-030921	Manganese
GWTS-BFF-INF2	GWTS-INF2-030921	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-030921	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-030921	Toluene
GWTS-BFF-INF2	GWTS-INF2-030921	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-030921	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-031021	Iron
GWTS-BFF-EFF2	GWTS-EFF2-031021	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-031021	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-031021	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-031021	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-031021	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-031021	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-031021	Iron
GWTS-BFF-GAC2	GWTS-GAC2-031021	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-031021	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-031021	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-031021	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-031021	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-031021	Benzene
GWTS-BFF-INF2	GWTS-INF2-031021	Iron
GWTS-BFF-INF2	GWTS-INF2-031021	Manganese
GWTS-BFF-INF2	GWTS-INF2-031021	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-031021	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-031021	Toluene
GWTS-BFF-INF2	GWTS-INF2-031021	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-031021	Benzene

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	Toluene
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-031721	Iron
GWTS-BFF-EFF2	GWTS-EFF2-031721	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-031721	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-031721	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-031721	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-031721	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-031721	Benzene
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	Iron
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	Manganese
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-031721	Iron
GWTS-BFF-GAC2	GWTS-GAC2-031721	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-031721	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-031721	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-031721	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-031721	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-031721	Benzene
GWTS-BFF-INF2	GWTS-INF2-031721	Iron
GWTS-BFF-INF2	GWTS-INF2-031721	Manganese
GWTS-BFF-INF2	GWTS-INF2-031721	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-031721	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-031721	Toluene
GWTS-BFF-INF2	GWTS-INF2-031721	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-031721	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-032421	Iron
GWTS-BFF-EFF2	GWTS-EFF2-032421	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-032421	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-032421	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-032421	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-032421	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-032421	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-032421	Iron
GWTS-BFF-GAC2	GWTS-GAC2-032421	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-032421	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-032421	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-032421	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-032421	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-032421	Benzene
GWTS-BFF-INF2	GWTS-INF2-032421	Iron
GWTS-BFF-INF2	GWTS-INF2-032421	Manganese
GWTS-BFF-INF2	GWTS-INF2-032421	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-032421	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-032421	Toluene
GWTS-BFF-INF2	GWTS-INF2-032421	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-032421	Benzene
GWTS-BFF-EFF1	GWTS-EFF1-032421	Iron
GWTS-BFF-EFF1	GWTS-EFF1-032421	Manganese
GWTS-BFF-EFF1	GWTS-EFF1-032421	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1-032421	Ethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1-032421	Toluene
GWTS-BFF-EFF1	GWTS-EFF1-032421	Xylenes, total

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
GWTS-BFF-EFF1	GWTS-EFF1-032421	Benzene
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	Iron
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	Manganese
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	1,2-Dibromoethane
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	Ethylbenzene
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	Toluene
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	Xylenes, total
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	Benzene
GWTS-BFF-GAC1	GWTS-GAC1-032421	Iron
GWTS-BFF-GAC1	GWTS-GAC1-032421	Manganese
GWTS-BFF-GAC1	GWTS-GAC1-032421	1,2-Dibromoethane
GWTS-BFF-GAC1	GWTS-GAC1-032421	Ethylbenzene
GWTS-BFF-GAC1	GWTS-GAC1-032421	Toluene
GWTS-BFF-GAC1	GWTS-GAC1-032421	Xylenes, total
GWTS-BFF-GAC1	GWTS-GAC1-032421	Benzene
GWTS-BFF-INF1	GWTS-INF1-032421	Iron
GWTS-BFF-INF1	GWTS-INF1-032421	Manganese
GWTS-BFF-INF1	GWTS-INF1-032421	1,2-Dibromoethane
GWTS-BFF-INF1	GWTS-INF1-032421	Ethylbenzene
GWTS-BFF-INF1	GWTS-INF1-032421	Toluene
GWTS-BFF-INF1	GWTS-INF1-032421	Xylenes, total
GWTS-BFF-INF1	GWTS-INF1-032421	Benzene
GWTS-BFF-EFF2	GWTS-EFF2-033121	Iron
GWTS-BFF-EFF2	GWTS-EFF2-033121	Manganese
GWTS-BFF-EFF2	GWTS-EFF2-033121	1,2-Dibromoethane
GWTS-BFF-EFF2	GWTS-EFF2-033121	Ethylbenzene
GWTS-BFF-EFF2	GWTS-EFF2-033121	Toluene
GWTS-BFF-EFF2	GWTS-EFF2-033121	Xylenes, total
GWTS-BFF-EFF2	GWTS-EFF2-033121	Benzene
GWTS-BFF-GAC2	GWTS-GAC2-033121	Iron
GWTS-BFF-GAC2	GWTS-GAC2-033121	Manganese
GWTS-BFF-GAC2	GWTS-GAC2-033121	1,2-Dibromoethane
GWTS-BFF-GAC2	GWTS-GAC2-033121	Ethylbenzene
GWTS-BFF-GAC2	GWTS-GAC2-033121	Toluene
GWTS-BFF-GAC2	GWTS-GAC2-033121	Xylenes, total
GWTS-BFF-GAC2	GWTS-GAC2-033121	Benzene
GWTS-BFF-INF2	GWTS-INF2-033121	Iron
GWTS-BFF-INF2	GWTS-INF2-033121	Manganese
GWTS-BFF-INF2	GWTS-INF2-033121	1,2-Dibromoethane
GWTS-BFF-INF2	GWTS-INF2-033121	Ethylbenzene
GWTS-BFF-INF2	GWTS-INF2-033121	Toluene
GWTS-BFF-INF2	GWTS-INF2-033121	Xylenes, total
GWTS-BFF-INF2	GWTS-INF2-033121	Benzene
KAFB-106239	GW239-211-PostDis	Perchlorate
KAFB-106239	GW239-211-PostDis	Bromate
KAFB-106239	GW239-211-PostDis	Chlorite
KAFB-106239	IN2-211-PostDis	Perchlorate
KAFB-106239	IN2-211-PostDis	Bromate
KAFB-106239	IN2-211-PostDis	Chlorite
KAFB-106239	GW239-211-PreDis	Perchlorate
KAFB-106239	GW239-211-PreDis	Bromate
KAFB-106239	GW239-211-PreDis	Chlorite
KAFB-106239	GW239-204-PostDis	Perchlorate
KAFB-106239	GW239-204-PostDis	Chlorite
KAFB-106239	GW239-204-PostDis	Bromate

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	chemical_name
KAFB-106239	GW239-204-PreDis	Bromate
KAFB-106239	GW239-204-PreDis	Chlorite
KAFB-106239	GW239-204-PreDis	Perchlorate
KAFB-106239	GW239-203-Post Dis	Chlorite
KAFB-106239	GW239-203-Post Dis	Bromate
KAFB-106239	GW239-203-Post Dis	Perchlorate
KAFB-106239	GW239-203-PreDis	Chlorite
KAFB-106239	GW239-203-PreDis	Bromate
KAFB-106239	GW239-203-PreDis	Perchlorate
KAFB-106005	KAFB-106005-WR-post	Bromate
KAFB-106005	KAFB-106005-WR-post	Chlorite
KAFB-106005	KAFB-106005-WR-post	Perchlorate
KAFB-106028	KAFB-106028-WR-post	Chlorite
KAFB-106028	KAFB-106028-WR-post	Bromate
KAFB-106028	KAFB-106028-WR-post	Perchlorate
KAFB-106239	KAFB-106239-WR-post	Perchlorate
KAFB-106239	KAFB-106239-WR-post	Chlorite
KAFB-106239	KAFB-106239-WR-post	Bromate
KAFB-106005	KAFB-106005-WR-pre	Chlorite
KAFB-106005	KAFB-106005-WR-pre	Bromate
KAFB-106005	KAFB-106005-WR-pre	Perchlorate
KAFB-106239	KAFB-106239-WR-pre	Chlorite
KAFB-106239	KAFB-106239-WR-pre	Bromate
KAFB-106239	KAFB-106239-WR-pre	Perchlorate
KAFB-106028	KAFB-106028-WR-pre	Perchlorate
KAFB-106028	KAFB-106028-WR-pre	Chlorite
KAFB-106028	KAFB-106028-WR-pre	Bromate
KAFB-106239	GW239-202-PreDis	Perchlorate
KAFB-106239	GW239-202-PreDis	Chlorite
KAFB-106239	GW239-202-PreDis	Bromate

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-EFF2	GWTS-EFF2-040220	< 0.103	U	mg/l	N	0.0412	0.103
GWTS-BFF-EFF2	GWTS-EFF2-040220	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-040220	< 0.019	U	ug/l	N	0.0095	0.019
GWTS-BFF-EFF2	GWTS-EFF2-040220	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-040220	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-040220	< 2	U	ug/l	N	1	2
GWTS-BFF-EFF2	GWTS-EFF2-040220	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-040220	< 0.103	U	mg/l	N	0.0412	0.103
GWTS-BFF-GAC2	GWTS-GAC2-040220	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-040220	< 0.019	U	ug/l	N	0.0095	0.019
GWTS-BFF-GAC2	GWTS-GAC2-040220	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-040220	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-040220	< 2	U	ug/l	N	1	2
GWTS-BFF-GAC2	GWTS-GAC2-040220	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-040220	< 0.103	U	mg/l	N	0.0412	0.103
GWTS-BFF-INF2	GWTS-INF2-040220	0.0258		mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-040220	0.01	J	ug/l	Y	0.0096	0.019
GWTS-BFF-INF2	GWTS-INF2-040220	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-040220	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-040220	< 2	U	ug/l	N	1	2
GWTS-BFF-INF2	GWTS-INF2-040220	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-040220	< 0.103	U	mg/l	N	0.0412	0.103
GWTS-BFF-EFF1	GWTS-EFF1-040220	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1-040220	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF1	GWTS-EFF1-040220	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF1	GWTS-EFF1-040220	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-040220	< 2	U	ug/l	N	1	2
GWTS-BFF-EFF1	GWTS-EFF1-040220	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	< 0.103	U	mg/l	N	0.0412	0.103
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	< 0.02	U	ug/l	N	0.0098	0.02
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	< 2	U	ug/l	N	1	2
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-040220	< 0.103	U	mg/l	N	0.0412	0.103
GWTS-BFF-GAC1	GWTS-GAC1-040220	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC1	GWTS-GAC1-040220	< 0.019	U	ug/l	N	0.0095	0.019
GWTS-BFF-GAC1	GWTS-GAC1-040220	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC1	GWTS-GAC1-040220	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-040220	< 2	U	ug/l	N	1	2
GWTS-BFF-GAC1	GWTS-GAC1-040220	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-040220	< 0.103	U	mg/l	N	0.0412	0.103
GWTS-BFF-INF1	GWTS-INF1-040220	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-INF1	GWTS-INF1-040220	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-INF1	GWTS-INF1-040220	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF1	GWTS-INF1-040220	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-040220	< 2	U	ug/l	N	1	2
GWTS-BFF-INF1	GWTS-INF1-040220	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-051120	< 0.103	U	mg/l	N	0.0412	0.103
GWTS-BFF-EFF1	GWTS-EFF1-051120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1-051120	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-EFF1	GWTS-EFF1-051120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF1	GWTS-EFF1-051120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-051120	< 2	U	ug/l	N	1	2

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-EFF1	GWTS-EFF1-051120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-051120	< 0.103	U	mg/l	N	0.0412	0.103
GWTS-BFF-GAC1	GWTS-GAC1-051120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC1	GWTS-GAC1-051120	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-GAC1	GWTS-GAC1-051120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC1	GWTS-GAC1-051120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-051120	< 2	U	ug/l	N	1	2
GWTS-BFF-GAC1	GWTS-GAC1-051120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-051120	< 0.103	U	mg/l	N	0.0412	0.103
GWTS-BFF-INF1	GWTS-INF1-051120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-INF1	GWTS-INF1-051120	< 0.019	U	ug/l	N	0.0095	0.019
GWTS-BFF-INF1	GWTS-INF1-051120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF1	GWTS-INF1-051120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-051120	< 2	U	ug/l	N	1	2
GWTS-BFF-INF1	GWTS-INF1-051120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-051120	< 0.103	U	mg/l	N	0.0412	0.103
GWTS-BFF-EFF2	GWTS-EFF2-051120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-051120	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF2	GWTS-EFF2-051120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-051120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-051120	< 2	U	ug/l	N	1	2
GWTS-BFF-EFF2	GWTS-EFF2-051120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	< 0.103	U	mg/l	N	0.0412	0.103
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	< 0.019	U	ug/l	N	0.0095	0.019
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	< 2	U	ug/l	N	1	2
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-051120	< 0.103	U	mg/l	N	0.0412	0.103
GWTS-BFF-GAC2	GWTS-GAC2-051120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-051120	< 0.019	U	ug/l	N	0.0095	0.019
GWTS-BFF-GAC2	GWTS-GAC2-051120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-051120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-051120	< 2	U	ug/l	N	1	2
GWTS-BFF-GAC2	GWTS-GAC2-051120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-051120	< 0.103	U	mg/l	N	0.0412	0.103
GWTS-BFF-INF2	GWTS-INF2-051120	0.0071	J	mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-051120	0.014	J	ug/l	Y	0.0096	0.019
GWTS-BFF-INF2	GWTS-INF2-051120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-051120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-051120	< 2	U	ug/l	N	1	2
GWTS-BFF-INF2	GWTS-INF2-051120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-060320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2-060320	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-060320	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-EFF2	GWTS-EFF2-060320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-060320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-060320	< 2	U	ug/l	N	1.4	2
GWTS-BFF-EFF2	GWTS-EFF2-060320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-060320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC2	GWTS-GAC2-060320	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-060320	0.011	J	ug/l	Y	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-060320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-060320	< 0.5	U	ug/l	N	0.2	0.5

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-GAC2	GWTS-GAC2-060320	< 2	U	ug/l	N	1.4	2
GWTS-BFF-GAC2	GWTS-GAC2-060320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-060320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF2	GWTS-INF2-060320	0.0042	J	mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-060320	0.024	J	ug/l	Y	0.0097	0.019
GWTS-BFF-INF2	GWTS-INF2-060320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-060320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-060320	< 2	U	ug/l	N	1.4	2
GWTS-BFF-INF2	GWTS-INF2-060320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-060320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF1	GWTS-EFF1-060320	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1-060320	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-EFF1	GWTS-EFF1-060320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF1	GWTS-EFF1-060320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-060320	< 2	U	ug/l	N	1.4	2
GWTS-BFF-EFF1	GWTS-EFF1-060320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	< 0.019	U	ug/l	N	0.0095	0.019
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	< 2	U	ug/l	N	1.4	2
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-060320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC1	GWTS-GAC1-060320	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC1	GWTS-GAC1-060320	0.01	J	ug/l	Y	0.0097	0.019
GWTS-BFF-GAC1	GWTS-GAC1-060320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC1	GWTS-GAC1-060320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-060320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC1	GWTS-GAC1-060320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-060320	< 2	U	ug/l	N	1.4	2
GWTS-BFF-GAC1	GWTS-GAC1-060320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-060320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF1	GWTS-INF1-060320	0.012		mg/l	Y	0.0031	0.0052
GWTS-BFF-INF1	GWTS-INF1-060320	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-INF1	GWTS-INF1-060320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF1	GWTS-INF1-060320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-060320	< 2	U	ug/l	N	1.4	2
GWTS-BFF-INF1	GWTS-INF1-060320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	80	J	mg/l	Y	60	180
GWTS-BFF-EFF1	GWTS-EFF1-072320	52	J	mg/l	Y	40	60
GWTS-BFF-EFF1	GWTS-EFF1-072320	1.1		mg/l	Y	0.04	0.09
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.015	U	mg/l	N	0.01	0.015
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.019	U	ug/l	N	0.0095	0.019
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 5	U	ug/l	N	3	5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.3	0.5

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 2	U	ug/l	N	0.7	2
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 1	U	ug/l	N	0.5	1
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 2	U	ug/l	N	1.4	2
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 2	U	ug/l	N	0.7	2
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 1	U	ug/l	N	0.4	1
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 4	U	ug/l	N	2	4
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-072320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC1	GWTS-GAC1-072320	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC1	GWTS-GAC1-072320	0.01	J	ug/l	Y	0.0097	0.019
GWTS-BFF-GAC1	GWTS-GAC1-072320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC1	GWTS-GAC1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-072320	< 2	U	ug/l	N	1.4	2
GWTS-BFF-GAC1	GWTS-GAC1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	83	J	mg/l	Y	60	180
GWTS-BFF-INF1	GWTS-INF1-072320	61	J	mg/l	Y	40	60
GWTS-BFF-INF1	GWTS-INF1-072320	1.1		mg/l	Y	0.04	0.09
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.015	U	mg/l	N	0.01	0.015
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.019	U	ug/l	N	0.0095	0.019
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 5	U	ug/l	N	3	5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-INF1	GWTS-INF1-072320	< 2	U	ug/l	N	0.7	2
GWTS-BFF-INF1	GWTS-INF1-072320	< 1	U	ug/l	N	0.5	1
GWTS-BFF-INF1	GWTS-INF1-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 2	U	ug/l	N	1.4	2
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 2	U	ug/l	N	0.7	2
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.3	0.5

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 1	U	ug/l	N	0.4	1
GWTS-BFF-INF1	GWTS-INF1-072320	< 4	U	ug/l	N	2	4
GWTS-BFF-INF1	GWTS-INF1-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-INF1	GWTS-INF1-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	36		mg/l	Y	1.5	4.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	20		mg/l	Y	1	1.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	0.19		mg/l	Y	0.04	0.09
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.015	U	mg/l	N	0.01	0.015
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	35		mg/l	Y	1.5	4.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	19		mg/l	Y	1	1.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	0.17		mg/l	Y	0.04	0.09
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.015	U	mg/l	N	0.01	0.015
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 5	U	ug/l	N	3	5

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 1	U	ug/l	N	0.5	1
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	UJ	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 2	U	ug/l	N	1.4	2
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 2	U	ug/l	N	0.7	2
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 1	U	ug/l	N	0.4	1
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 4	U	ug/l	N	2	4
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 5	U	ug/l	N	3	5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 1	U	ug/l	N	0.5	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	UJ	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 2	U	ug/l	N	1.4	2
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 2	U	ug/l	N	0.7	2
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	UJ	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 1	U	ug/l	N	0.4	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 4	U	ug/l	N	2	4
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-072320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC2	GWTS-GAC2-072320	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-072320	0.011	J	ug/l	Y	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-072320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-072320	< 2	U	ug/l	N	1.4	2
GWTS-BFF-GAC2	GWTS-GAC2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	36		mg/l	Y	1.5	4.5
GWTS-BFF-INF2	GWTS-INF2-072320	20		mg/l	Y	1	1.5
GWTS-BFF-INF2	GWTS-INF2-072320	0.2		mg/l	Y	0.04	0.09
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.015	U	mg/l	N	0.01	0.015
GWTS-BFF-INF2	GWTS-INF2-072320	0.0047	J	mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF2	GWTS-INF2-072320	0.029		ug/l	Y	0.0096	0.019
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 5	U	ug/l	N	3	5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-INF2	GWTS-INF2-072320	< 1	U	ug/l	N	0.5	1
GWTS-BFF-INF2	GWTS-INF2-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	UJ	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 2	U	ug/l	N	1.4	2
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 2	U	ug/l	N	0.7	2
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	UJ	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.3	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 1	U	ug/l	N	0.4	1
GWTS-BFF-INF2	GWTS-INF2-072320	< 4	U	ug/l	N	2	4
GWTS-BFF-INF2	GWTS-INF2-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 2	U	ug/l	N	1	2
GWTS-BFF-INF2	GWTS-INF2-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 1	U	ug/l	N	0.3	1
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-072320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-080520	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2-080520	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-080520	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-EFF2	GWTS-EFF2-080520	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-080520	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-080520	< 2	U	ug/l	N	1.4	2
GWTS-BFF-EFF2	GWTS-EFF2-080520	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-080520	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC2	GWTS-GAC2-080520	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-080520	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-080520	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-080520	< 0.5	U	ug/l	N	0.2	0.5

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-GAC2	GWTS-GAC2-080520	< 2	U	ug/l	N	1.4	2
GWTS-BFF-GAC2	GWTS-GAC2-080520	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-080520	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF2	GWTS-INF2-080520	0.005	J	mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-080520	0.028	J	ug/l	Y	0.0096	0.019
GWTS-BFF-INF2	GWTS-INF2-080520	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-080520	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-080520	< 2	U	ug/l	N	1.4	2
GWTS-BFF-INF2	GWTS-INF2-080520	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-080520	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF1	GWTS-EFF1-080520	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1-080520	< 0.019	U	ug/l	N	0.0095	0.019
GWTS-BFF-EFF1	GWTS-EFF1-080520	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF1	GWTS-EFF1-080520	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-080520	< 2	U	ug/l	N	1.4	2
GWTS-BFF-EFF1	GWTS-EFF1-080520	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	< 2	U	ug/l	N	1.4	2
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-080520	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC1	GWTS-GAC1-080520	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC1	GWTS-GAC1-080520	< 0.019	U	ug/l	N	0.0095	0.019
GWTS-BFF-GAC1	GWTS-GAC1-080520	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC1	GWTS-GAC1-080520	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-080520	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC1	GWTS-GAC1-080520	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-080520	< 2	U	ug/l	N	1.4	2
GWTS-BFF-GAC1	GWTS-GAC1-080520	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-080520	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF1	GWTS-INF1-080520	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-INF1	GWTS-INF1-080520	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-INF1	GWTS-INF1-080520	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF1	GWTS-INF1-080520	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-080520	< 2	U	ug/l	N	1.4	2
GWTS-BFF-INF1	GWTS-INF1-080520	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-082620	< 11	UJ	ug/l	N	5.3	11
GWTS-BFF-EFF1	GWTS-EFF1-082620	< 0.21	UJ	ug/l	N	0.11	0.21
GWTS-BFF-EFF1	GWTS-EFF1-082620	< 0.21	UJ	ug/l	N	0.11	0.21
GWTS-BFF-EFF1	GWTS-EFF1-082620	< 0.21	UJ	ug/l	N	0.11	0.21
GWTS-BFF-EFF1	GWTS-EFF1-082620	< 0.21	UJ	ug/l	N	0.11	0.21
GWTS-BFF-INF1	GWTS-INF1-082620	< 10	UJ	ug/l	N	5.2	10
GWTS-BFF-INF1	GWTS-INF1-082620	< 0.21	UJ	ug/l	N	0.1	0.21
GWTS-BFF-INF1	GWTS-INF1-082620	< 0.21	UJ	ug/l	N	0.1	0.21
GWTS-BFF-INF1	GWTS-INF1-082620	< 0.21	UJ	ug/l	N	0.1	0.21
GWTS-BFF-INF1	GWTS-INF1-082620	< 0.21	UJ	ug/l	N	0.1	0.21
KAFB-106233	KAFB-106233	< 11	UJ	ug/l	N	5.3	11
KAFB-106233	KAFB-106233	< 0.21	UJ	ug/l	N	0.11	0.21
KAFB-106233	KAFB-106233	< 0.21	UJ	ug/l	N	0.11	0.21
KAFB-106233	KAFB-106233	< 0.21	UJ	ug/l	N	0.11	0.21
KAFB-106233	KAFB-106233	< 0.21	UJ	ug/l	N	0.11	0.21
KAFB-106234	KAFB-106234	< 10	UJ	ug/l	N	5.1	10
KAFB-106234	KAFB-106234	< 0.2	UJ	ug/l	N	0.1	0.2
KAFB-106234	KAFB-106234	< 0.2	UJ	ug/l	N	0.1	0.2

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
KAFB-106234	KAFB-106234	< 0.2	UJ	ug/l	N	0.1	0.2
KAFB-106234	KAFB-106234	< 0.2	UJ	ug/l	N	0.1	0.2
GWTS-BFF-GAC1	GWTS-GAC1-A1-090120	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-GAC1	GWTS-GAC1-A2-090120	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC1	GWTS-GAC1-A3-090120	0.011	J	ug/l	Y	0.0096	0.019
GWTS-BFF-GAC1	GWTS-GAC1-B1-090120	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC1	GWTS-GAC1-B2-090120	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC1	GWTS-GAC1-B3-090120	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-A1-090120	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-A2-090120	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-A3-090120	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-B1-090120	0.018	J	ug/l	Y	0.0097	0.019
GWTS-BFF-GAC2	GWTS-GAC2-B2-090120	0.026	J	ug/l	Y	0.0098	0.02
GWTS-BFF-GAC2	GWTS-GAC2-B3-090120	0.019	J	ug/l	Y	0.0097	0.019
GWTS-BFF-EFF1	GWTS-EFF1-090920	< 0.1	UJ	mg/l	N	0.041	0.1
GWTS-BFF-EFF1	GWTS-EFF1-090920	< 0.0052	UJ	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1-090920	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF1	GWTS-EFF1-090920	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF1	GWTS-EFF1-090920	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-090920	< 2	U	ug/l	N	1.4	2
GWTS-BFF-EFF1	GWTS-EFF1-090920	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-090920	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC1	GWTS-GAC1-090920	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC1	GWTS-GAC1-090920	0.021	J	ug/l	Y	0.0095	0.019
GWTS-BFF-GAC1	GWTS-GAC1-090920	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC1	GWTS-GAC1-090920	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-090920	< 2	U	ug/l	N	1.4	2
GWTS-BFF-GAC1	GWTS-GAC1-090920	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-090920	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF1	GWTS-INF1-090920	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-INF1	GWTS-INF1-090920	0.012	J	ug/l	Y	0.0095	0.019
GWTS-BFF-INF1	GWTS-INF1-090920	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF1	GWTS-INF1-090920	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-090920	< 2	U	ug/l	N	1.4	2
GWTS-BFF-INF1	GWTS-INF1-090920	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-090920	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2-090920	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-090920	0.013	R	ug/l	Y	0.0096	0.019
GWTS-BFF-EFF2	GWTS-EFF2-090920	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-090920	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-090920	< 2	U	ug/l	N	1.4	2
GWTS-BFF-EFF2	GWTS-EFF2-090920	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	< 2	U	ug/l	N	1.4	2
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-090920	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC2	GWTS-GAC2-090920	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-090920	0.015	J	ug/l	Y	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-090920	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-090920	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-090920	< 2	U	ug/l	N	1.4	2

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-GAC2	GWTS-GAC2-090920	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-090920	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF2	GWTS-INF2-090920	0.0053	J	mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-090920	0.024	J	ug/l	Y	0.0097	0.019
GWTS-BFF-INF2	GWTS-INF2-090920	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-090920	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-090920	< 2	U	ug/l	N	1.4	2
GWTS-BFF-INF2	GWTS-INF2-090920	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-100120	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF1	GWTS-EFF1-100120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1-100120	< 0.019	U	ug/l	N	0.0095	0.019
GWTS-BFF-EFF1	GWTS-EFF1-100120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF1	GWTS-EFF1-100120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-100120	< 2	U	ug/l	N	1.4	2
GWTS-BFF-EFF1	GWTS-EFF1-100120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-100120	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC1	GWTS-GAC1-100120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC1	GWTS-GAC1-100120	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC1	GWTS-GAC1-100120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC1	GWTS-GAC1-100120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-100120	< 2	U	ug/l	N	1.4	2
GWTS-BFF-GAC1	GWTS-GAC1-100120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-100120	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF1	GWTS-INF1-100120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-INF1	GWTS-INF1-100120	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-INF1	GWTS-INF1-100120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF1	GWTS-INF1-100120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-100120	< 2	U	ug/l	N	1.4	2
GWTS-BFF-INF1	GWTS-INF1-100120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-100120	< 2	U	ug/l	N	1.4	2
GWTS-BFF-INF1	GWTS-INF1-100120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-100120	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2-100120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-100120	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF2	GWTS-EFF2-100120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-100120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-100120	< 2	U	ug/l	N	1.4	2
GWTS-BFF-EFF2	GWTS-EFF2-100120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	< 2	U	ug/l	N	1.4	2
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-100120	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC2	GWTS-GAC2-100120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-100120	< 0.02	U	ug/l	N	0.0098	0.02
GWTS-BFF-GAC2	GWTS-GAC2-100120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-100120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-100120	< 2	U	ug/l	N	1.4	2
GWTS-BFF-GAC2	GWTS-GAC2-100120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-100120	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF2	GWTS-INF2-100120	0.023		mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-100120	0.024	J	ug/l	Y	0.0096	0.019
GWTS-BFF-INF2	GWTS-INF2-100120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-100120	< 0.5	U	ug/l	N	0.2	0.5

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-INF2	GWTS-INF2-100120	< 2	U	ug/l	N	1.4	2
GWTS-BFF-INF2	GWTS-INF2-100120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-111120	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2-111120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-111120	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF2	GWTS-EFF2-111120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-111120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-111120	< 3	U	ug/l	N	1.4	3
GWTS-BFF-EFF2	GWTS-EFF2-111120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-111120	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC2	GWTS-GAC2-111120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-111120	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-111120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-111120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-111120	< 3	U	ug/l	N	1.4	3
GWTS-BFF-GAC2	GWTS-GAC2-111120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-111120	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF2	GWTS-INF2-111120	0.0057	J	mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-111120	0.024	J	ug/l	Y	0.0097	0.019
GWTS-BFF-INF2	GWTS-INF2-111120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-111120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-111120	< 3	U	ug/l	N	1.4	3
GWTS-BFF-INF2	GWTS-INF2-111120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-111120	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF1	GWTS-EFF1-111120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1-111120	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-EFF1	GWTS-EFF1-111120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF1	GWTS-EFF1-111120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-111120	< 3	U	ug/l	N	1.4	3
GWTS-BFF-EFF1	GWTS-EFF1-111120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	< 3	U	ug/l	N	1.4	3
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-111120	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC1	GWTS-GAC1-111120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC1	GWTS-GAC1-111120	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC1	GWTS-GAC1-111120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC1	GWTS-GAC1-111120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-111120	< 3	U	ug/l	N	1.4	3
GWTS-BFF-GAC1	GWTS-GAC1-111120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-111120	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF1	GWTS-INF1-111120	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-INF1	GWTS-INF1-111120	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-INF1	GWTS-INF1-111120	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF1	GWTS-INF1-111120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-111120	< 3	U	ug/l	N	1.4	3
GWTS-BFF-INF1	GWTS-INF1-111120	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-120320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF1	GWTS-EFF1-120320	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1-120320	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF1	GWTS-EFF1-120320	< 0.8	U	ug/l	N	0.4	0.8

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-EFF1	GWTS-EFF1-120320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-120320	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF1	GWTS-EFF1-120320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-120320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC1	GWTS-GAC1-120320	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC1	GWTS-GAC1-120320	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC1	GWTS-GAC1-120320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC1	GWTS-GAC1-120320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-120320	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC1	GWTS-GAC1-120320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-120320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF1	GWTS-INF1-120320	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-INF1	GWTS-INF1-120320	< 0.019	U	ug/l	N	0.0095	0.019
GWTS-BFF-INF1	GWTS-INF1-120320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF1	GWTS-INF1-120320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-120320	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-INF1	GWTS-INF1-120320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-120320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2-120320	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-120320	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF2	GWTS-EFF2-120320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-120320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-120320	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2-120320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-120320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC2	GWTS-GAC2-120320	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-120320	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-GAC2	GWTS-GAC2-120320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-120320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-120320	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC2	GWTS-GAC2-120320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-120320	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF2	GWTS-INF2-120320	0.0039	J	mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-120320	0.018	J	ug/l	Y	0.0096	0.019
GWTS-BFF-INF2	GWTS-INF2-120320	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-120320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-120320	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-INF2	GWTS-INF2-120320	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-011221	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2-011221	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-011221	< 0.019	UJ	ug/l	N	0.0096	0.019
GWTS-BFF-EFF2	GWTS-EFF2-011221	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-011221	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-011221	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2-011221	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-011221	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC2	GWTS-GAC2-011221	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-011221	< 0.019	UJ	ug/l	N	0.0096	0.019

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-GAC2	GWTS-GAC2-011221	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-011221	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-011221	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC2	GWTS-GAC2-011221	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-011221	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF2	GWTS-INF2-011221	0.025		mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-011221	0.017	J	ug/l	Y	0.0096	0.019
GWTS-BFF-INF2	GWTS-INF2-011221	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-011221	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-011221	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-INF2	GWTS-INF2-011221	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-011221	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF1	GWTS-EFF1-011221	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-011221	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF1	GWTS-EFF1-011221	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-011221	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF1	GWTS-EFF1-011221	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1-011221	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC1	GWTS-GAC1-011221	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC1	GWTS-GAC1-011221	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC1	GWTS-GAC1-011221	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC1	GWTS-GAC1-011221	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC1	GWTS-GAC1-011221	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC1	GWTS-GAC1-011221	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-011221	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC1	GWTS-GAC1-011221	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-011221	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF1	GWTS-INF1-011221	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-INF1	GWTS-INF1-011221	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-INF1	GWTS-INF1-011221	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF1	GWTS-INF1-011221	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-011221	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-INF1	GWTS-INF1-011221	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-A1-011221	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-GAC1	GWTS-GAC1-A2-011221	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-GAC1	GWTS-GAC1-A3-011221	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-GAC1	GWTS-GAC1-B1-011221	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC1	GWTS-GAC1-B2-011221	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC1	GWTS-GAC1-B3-011221	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-GAC2	GWTS-GAC2-A1-011221	0.0097	J	ug/l	Y	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-A2-011221	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-A3-011221	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-B1-011221	0.011	J	ug/l	Y	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-B2-011221	0.01	J	ug/l	Y	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-B3-011221	0.01	J	ug/l	Y	0.0096	0.019
GWTS-BFF-EFF1	GWTS-EFF1-020521	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF1	GWTS-EFF1-020521	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1-020521	< 0.02	U	ug/l	N	0.0099	0.02
GWTS-BFF-EFF1	GWTS-EFF1-020521	< 0.8	U	ug/l	N	0.4	0.8

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-EFF1	GWTS-EFF1-020521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-020521	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF1	GWTS-EFF1-020521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-020521	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC1	GWTS-GAC1-020521	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC1	GWTS-GAC1-020521	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-GAC1	GWTS-GAC1-020521	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC1	GWTS-GAC1-020521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-020521	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC1	GWTS-GAC1-020521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-020521	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-INF1	GWTS-INF1-020521	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF1	GWTS-INF1-020521	< 0.02	U	ug/l	N	0.0098	0.02
GWTS-BFF-INF1	GWTS-INF1-020521	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF1	GWTS-INF1-020521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-020521	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-INF1	GWTS-INF1-020521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-020521	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-020521	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2-020521	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-EFF2	GWTS-EFF2-020521	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-020521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-020521	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2-020521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-020521	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-020521	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC2	GWTS-GAC2-020521	< 0.02	U	ug/l	N	0.0098	0.02
GWTS-BFF-GAC2	GWTS-GAC2-020521	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-020521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-020521	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC2	GWTS-GAC2-020521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-020521	0.0039	J	mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-020521	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF2	GWTS-INF2-020521	0.014	J	ug/l	Y	0.0098	0.02
GWTS-BFF-INF2	GWTS-INF2-020521	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-020521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-020521	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-INF2	GWTS-INF2-020521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-030321	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2-030321	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-030321	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF2	GWTS-EFF2-030321	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-030321	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-030321	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2-030321	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-030321	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC2	GWTS-GAC2-030321	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-030321	< 0.019	U	ug/l	N	0.0095	0.019

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-GAC2	GWTS-GAC2-030321	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-030321	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-030321	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC2	GWTS-GAC2-030321	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-030321	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-030321	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF2	GWTS-INF2-030321	0.032		mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-030321	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-INF2	GWTS-INF2-030321	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-030321	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-030321	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2-030421	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2-030421	0.0054	J	mg/l	Y	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-030421	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF2	GWTS-EFF2-030421	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-030421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-030421	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2-030421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-030421	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC2	GWTS-GAC2-030421	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-030421	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-030421	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-030421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-030421	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC2	GWTS-GAC2-030421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-030421	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF2	GWTS-INF2-030421	0.035		mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-030421	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-INF2	GWTS-INF2-030421	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-030421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-030421	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-INF2	GWTS-INF2-030421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-030521	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2-030521	0.0081	J	mg/l	Y	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-030521	< 0.02	U	ug/l	N	0.0099	0.02
GWTS-BFF-EFF2	GWTS-EFF2-030521	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-030521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-030521	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2-030521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	0.0081	J	mg/l	Y	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-030521	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC2	GWTS-GAC2-030521	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-030521	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-030521	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-030521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-030521	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC2	GWTS-GAC2-030521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-030521	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF2	GWTS-INF2-030521	0.031		mg/l	Y	0.0031	0.0052

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-INF2	GWTS-INF2-030521	0.018	J	ug/l	Y	0.0096	0.019
GWTS-BFF-INF2	GWTS-INF2-030521	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-030521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-030521	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-INF2	GWTS-INF2-030521	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-030621	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2-030621	0.0091	J	mg/l	Y	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-030621	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF2	GWTS-EFF2-030621	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-030621	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-030621	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2-030621	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-030621	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC2	GWTS-GAC2-030621	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-030621	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-GAC2	GWTS-GAC2-030621	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-030621	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-030621	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC2	GWTS-GAC2-030621	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-030621	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF2	GWTS-INF2-030621	0.036		mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-030621	0.015	J	ug/l	Y	0.0096	0.019
GWTS-BFF-INF2	GWTS-INF2-030621	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-030621	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-030621	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-INF2	GWTS-INF2-030621	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-030721	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2-030721	0.0061	J	mg/l	Y	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-030721	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-EFF2	GWTS-EFF2-030721	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-030721	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-030721	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2-030721	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-030721	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC2	GWTS-GAC2-030721	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-030721	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-030721	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-030721	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-030721	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC2	GWTS-GAC2-030721	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-030721	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF2	GWTS-INF2-030721	0.037		mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-030721	0.014	J	ug/l	Y	0.0096	0.019
GWTS-BFF-INF2	GWTS-INF2-030721	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-030721	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-030721	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-INF2	GWTS-INF2-030721	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-030821	< 0.10	U	mg/l	N	0.041	0.10
GWTS-BFF-EFF2	GWTS-EFF2-030821	0.0050	J	mg/l	Y	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-030821	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-EFF2	GWTS-EFF2-030821	< 0.80	U	ug/l	N	0.40	0.80
GWTS-BFF-EFF2	GWTS-EFF2-030821	< 0.50	U	ug/l	N	0.20	0.50
GWTS-BFF-EFF2	GWTS-EFF2-030821	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2-030821	< 0.50	U	ug/l	N	0.20	0.50
GWTS-BFF-GAC2	GWTS-GAC2-030821	< 0.10	U	mg/l	N	0.041	0.10

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-GAC2	GWTS-GAC2-030821	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-030821	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-030821	< 0.80	U	ug/l	N	0.40	0.80
GWTS-BFF-GAC2	GWTS-GAC2-030821	< 0.50	U	ug/l	N	0.20	0.50
GWTS-BFF-GAC2	GWTS-GAC2-030821	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC2	GWTS-GAC2-030821	< 0.50	U	ug/l	N	0.20	0.50
GWTS-BFF-INF2	GWTS-INF2-030821	< 0.10	U	mg/l	N	0.041	0.10
GWTS-BFF-INF2	GWTS-INF2-030821	0.038		mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-030821	0.018	J	ug/l	Y	0.0096	0.019
GWTS-BFF-INF2	GWTS-INF2-030821	< 0.80	U	ug/l	N	0.40	0.80
GWTS-BFF-INF2	GWTS-INF2-030821	< 0.50	U	ug/l	N	0.20	0.50
GWTS-BFF-INF2	GWTS-INF2-030821	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-INF2	GWTS-INF2-030821	< 0.50	U	ug/l	N	0.20	0.50
GWTS-BFF-EFF2	GWTS-EFF2-030921	< 0.10	U	mg/l	N	0.041	0.10
GWTS-BFF-EFF2	GWTS-EFF2-030921	0.0059	J	mg/l	Y	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-030921	< 0.019	U	ug/l	N	0.0095	0.019
GWTS-BFF-EFF2	GWTS-EFF2-030921	< 0.80	U	ug/l	N	0.40	0.80
GWTS-BFF-EFF2	GWTS-EFF2-030921	< 0.50	U	ug/l	N	0.20	0.50
GWTS-BFF-EFF2	GWTS-EFF2-030921	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2-030921	< 0.50	U	ug/l	N	0.20	0.50
GWTS-BFF-GAC2	GWTS-GAC2-030921	< 0.10	U	mg/l	N	0.041	0.10
GWTS-BFF-GAC2	GWTS-GAC2-030921	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-030921	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-030921	< 0.80	U	ug/l	N	0.40	0.80
GWTS-BFF-GAC2	GWTS-GAC2-030921	< 0.50	U	ug/l	N	0.20	0.50
GWTS-BFF-GAC2	GWTS-GAC2-030921	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC2	GWTS-GAC2-030921	< 0.50	U	ug/l	N	0.20	0.50
GWTS-BFF-INF2	GWTS-INF2-030921	< 0.10	U	mg/l	N	0.041	0.10
GWTS-BFF-INF2	GWTS-INF2-030921	0.036		mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-030921	0.018	J	ug/l	Y	0.0096	0.019
GWTS-BFF-INF2	GWTS-INF2-030921	< 0.80	U	ug/l	N	0.40	0.80
GWTS-BFF-INF2	GWTS-INF2-030921	< 0.50	U	ug/l	N	0.20	0.50
GWTS-BFF-INF2	GWTS-INF2-030921	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-INF2	GWTS-INF2-030921	< 0.50	U	ug/l	N	0.20	0.50
GWTS-BFF-EFF2	GWTS-EFF2-031021	< 0.10	U	mg/l	N	0.041	0.10
GWTS-BFF-EFF2	GWTS-EFF2-031021	0.0044	J	mg/l	Y	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-031021	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-EFF2	GWTS-EFF2-031021	< 0.80	U	ug/l	N	0.40	0.80
GWTS-BFF-EFF2	GWTS-EFF2-031021	< 0.50	U	ug/l	N	0.20	0.50
GWTS-BFF-EFF2	GWTS-EFF2-031021	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2-031021	< 0.50	U	ug/l	N	0.20	0.50
GWTS-BFF-GAC2	GWTS-GAC2-031021	< 0.10	U	mg/l	N	0.041	0.10
GWTS-BFF-GAC2	GWTS-GAC2-031021	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-031021	< 0.019	U	ug/l	N	0.0095	0.019
GWTS-BFF-GAC2	GWTS-GAC2-031021	< 0.80	U	ug/l	N	0.40	0.80
GWTS-BFF-GAC2	GWTS-GAC2-031021	< 0.50	U	ug/l	N	0.20	0.50
GWTS-BFF-GAC2	GWTS-GAC2-031021	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC2	GWTS-GAC2-031021	< 0.50	U	ug/l	N	0.20	0.50
GWTS-BFF-INF2	GWTS-INF2-031021	< 0.10	U	mg/l	N	0.041	0.10
GWTS-BFF-INF2	GWTS-INF2-031021	0.037		mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-031021	< 0.020	U	ug/l	N	0.0098	0.020
GWTS-BFF-INF2	GWTS-INF2-031021	< 0.80	U	ug/l	N	0.40	0.80
GWTS-BFF-INF2	GWTS-INF2-031021	< 0.50	U	ug/l	N	0.20	0.50
GWTS-BFF-INF2	GWTS-INF2-031021	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-INF2	GWTS-INF2-031021	< 0.50	U	ug/l	N	0.20	0.50

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-031721	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2-031721	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-031721	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-EFF2	GWTS-EFF2-031721	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-031721	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-031721	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2-031721	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-031721	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC2	GWTS-GAC2-031721	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-031721	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-031721	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-031721	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-031721	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC2	GWTS-GAC2-031721	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-031721	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF2	GWTS-INF2-031721	0.035		mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-031721	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-INF2	GWTS-INF2-031721	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-031721	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-031721	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-INF2	GWTS-INF2-031721	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-032421	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2-032421	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-032421	< 0.019	U	ug/l	N	0.0095	0.019
GWTS-BFF-EFF2	GWTS-EFF2-032421	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-032421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-032421	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2-032421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-032421	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC2	GWTS-GAC2-032421	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-032421	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC2	GWTS-GAC2-032421	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-032421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-032421	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC2	GWTS-GAC2-032421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-032421	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF2	GWTS-INF2-032421	0.028		mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-032421	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-INF2	GWTS-INF2-032421	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-032421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-032421	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-INF2	GWTS-INF2-032421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-032421	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF1	GWTS-EFF1-032421	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1-032421	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF1	GWTS-EFF1-032421	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF1	GWTS-EFF1-032421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1-032421	< 2.8	U	ug/l	N	1.4	2.8

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
GWTS-BFF-EFF1	GWTS-EFF1-032421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-032421	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC1	GWTS-GAC1-032421	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC1	GWTS-GAC1-032421	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-GAC1	GWTS-GAC1-032421	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC1	GWTS-GAC1-032421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC1	GWTS-GAC1-032421	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC1	GWTS-GAC1-032421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-032421	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF1	GWTS-INF1-032421	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-INF1	GWTS-INF1-032421	< 0.019	U	ug/l	N	0.0095	0.019
GWTS-BFF-INF1	GWTS-INF1-032421	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF1	GWTS-INF1-032421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF1	GWTS-INF1-032421	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-INF1	GWTS-INF1-032421	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-033121	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-EFF2	GWTS-EFF2-033121	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-EFF2	GWTS-EFF2-033121	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-EFF2	GWTS-EFF2-033121	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-EFF2	GWTS-EFF2-033121	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-033121	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2-033121	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-EFF2	GWTS-EFF2-033121	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-EFF2	GWTS-EFF2-033121	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-033121	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-GAC2	GWTS-GAC2-033121	< 0.0052	U	mg/l	N	0.0031	0.0052
GWTS-BFF-GAC2	GWTS-GAC2-033121	< 0.019	U	ug/l	N	0.0097	0.019
GWTS-BFF-GAC2	GWTS-GAC2-033121	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-GAC2	GWTS-GAC2-033121	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-GAC2	GWTS-GAC2-033121	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-GAC2	GWTS-GAC2-033121	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-033121	< 0.1	U	mg/l	N	0.041	0.1
GWTS-BFF-INF2	GWTS-INF2-033121	0.024		mg/l	Y	0.0031	0.0052
GWTS-BFF-INF2	GWTS-INF2-033121	< 0.019	U	ug/l	N	0.0096	0.019
GWTS-BFF-INF2	GWTS-INF2-033121	< 0.8	U	ug/l	N	0.4	0.8
GWTS-BFF-INF2	GWTS-INF2-033121	< 0.5	U	ug/l	N	0.2	0.5
GWTS-BFF-INF2	GWTS-INF2-033121	< 2.8	U	ug/l	N	1.4	2.8
GWTS-BFF-INF2	GWTS-INF2-033121	< 0.5	U	ug/l	N	0.2	0.5
KAFB-106239	GW239-211-PostDis	0.15		ug/l	Y	0.021	0.1
KAFB-106239	GW239-211-PostDis	< 10	U	ug/l	N	2	10
KAFB-106239	GW239-211-PostDis	< 20	U	ug/l	N	4	20
KAFB-106239	IN2-211-PostDis	0.51	J	ug/l	Y	0.021	0.1
KAFB-106239	IN2-211-PostDis	< 10	UJ	ug/l	N	2	10
KAFB-106239	IN2-211-PostDis	< 20	UJ	ug/l	N	4	20
KAFB-106239	GW239-211-PreDis	0.17	J	ug/l	Y	0.021	0.1
KAFB-106239	GW239-211-PreDis	< 10	UJ	ug/l	N	2	10
KAFB-106239	GW239-211-PreDis	< 20	UJ	ug/l	N	4	20
KAFB-106239	GW239-204-PostDis	0.19		ug/l	Y	0.021	0.1
KAFB-106239	GW239-204-PostDis	< 20	U	ug/l	N	4	20
KAFB-106239	GW239-204-PostDis	< 5	U	ug/l	N	1	5

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]	reporting_detection_limit/RDL/LOD[d]
KAFB-106239	GW239-204-PreDis	< 25	U	ug/l	N	5	25
KAFB-106239	GW239-204-PreDis	< 20	U	ug/l	N	4	20
KAFB-106239	GW239-204-PreDis	0.17		ug/l	Y	0.021	0.1
KAFB-106239	GW239-203-Post Dis	< 40	U	ug/l	N	8	40
KAFB-106239	GW239-203-Post Dis	< 10	U	ug/l	N	2	10
KAFB-106239	GW239-203-Post Dis	0.16		ug/l	Y	0.016	0.1
KAFB-106239	GW239-203-PreDis	< 100	U	ug/l	N	20	100
KAFB-106239	GW239-203-PreDis	< 25	U	ug/l	N	5	25
KAFB-106239	GW239-203-PreDis	0.18		ug/l	Y	0.016	0.1
KAFB-106005	KAFB-106005-WR-post	< 50	U	ug/l	N	10	50
KAFB-106005	KAFB-106005-WR-post	< 200	U	ug/l	N	40	200
KAFB-106005	KAFB-106005-WR-post	1.6		ug/l	Y	0.016	0.1
KAFB-106028	KAFB-106028-WR-post	< 200	U	ug/l	N	40	200
KAFB-106028	KAFB-106028-WR-post	< 50	U	ug/l	N	10	50
KAFB-106028	KAFB-106028-WR-post	1.3		ug/l	Y	0.016	0.1
KAFB-106239	KAFB-106239-WR-post	0.16		ug/l	Y	0.016	0.1
KAFB-106239	KAFB-106239-WR-post	< 20	U	ug/l	N	4	20
KAFB-106239	KAFB-106239-WR-post	< 5	U	ug/l	N	1	5
KAFB-106005	KAFB-106005-WR-pre	< 200	U	ug/l	N	40	200
KAFB-106005	KAFB-106005-WR-pre	< 50	U	ug/l	N	10	50
KAFB-106005	KAFB-106005-WR-pre	0.25		ug/l	Y	0.016	0.1
KAFB-106239	KAFB-106239-WR-pre	< 20	U	ug/l	N	4	20
KAFB-106239	KAFB-106239-WR-pre	< 5	U	ug/l	N	1	5
KAFB-106239	KAFB-106239-WR-pre	0.2		ug/l	Y	0.016	0.1
KAFB-106028	KAFB-106028-WR-pre	0.33		ug/l	Y	0.016	0.1
KAFB-106028	KAFB-106028-WR-pre	< 100	U	ug/l	N	20	100
KAFB-106028	KAFB-106028-WR-pre	< 25	U	ug/l	N	5	25
KAFB-106239	GW239-202-PreDis	0.15		ug/l	Y	0.016	0.1
KAFB-106239	GW239-202-PreDis	< 20	U	ug/l	N	4	20
KAFB-106239	GW239-202-PreDis	< 25	U	ug/l	N	5	25

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-EFF2	GWTS-EFF2-040220	0.206	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-040220	0.0103	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-040220	0.028	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-040220	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-040220	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-040220	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-040220	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-040220	0.206	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-040220	0.0103	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-040220	0.028	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-040220	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-040220	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-040220	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-040220	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-040220	0.206	mg/l
GWTS-BFF-INF2	GWTS-INF2-040220	0.0103	mg/l
GWTS-BFF-INF2	GWTS-INF2-040220	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-040220	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-040220	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-040220	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-040220	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-040220	0.206	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-040220	0.0103	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-040220	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-040220	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-040220	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-040220	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-040220	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-040220	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-040220	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	0.206	mg/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	0.0103	mg/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-040220	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-040220	0.206	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-040220	0.0103	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-040220	0.028	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-040220	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-040220	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-040220	6	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-040220	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-040220	0.206	mg/l
GWTS-BFF-INF1	GWTS-INF1-040220	0.0103	mg/l
GWTS-BFF-INF1	GWTS-INF1-040220	0.029	ug/l
GWTS-BFF-INF1	GWTS-INF1-040220	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-040220	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-040220	6	ug/l
GWTS-BFF-INF1	GWTS-INF1-040220	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-051120	0.206	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-051120	0.0103	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-051120	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-051120	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-051120	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-051120	6	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-EFF1	GWTS-EFF1-051120	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-051120	0.206	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-051120	0.0103	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-051120	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-051120	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-051120	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-051120	6	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-051120	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-051120	0.206	mg/l
GWTS-BFF-INF1	GWTS-INF1-051120	0.0103	mg/l
GWTS-BFF-INF1	GWTS-INF1-051120	0.029	ug/l
GWTS-BFF-INF1	GWTS-INF1-051120	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-051120	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-051120	6	ug/l
GWTS-BFF-INF1	GWTS-INF1-051120	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-051120	0.206	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-051120	0.0103	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-051120	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-051120	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-051120	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-051120	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-051120	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	0.206	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	0.0103	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-051120	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-051120	0.206	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-051120	0.0103	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-051120	0.028	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-051120	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-051120	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-051120	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-051120	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-051120	0.206	mg/l
GWTS-BFF-INF2	GWTS-INF2-051120	0.0103	mg/l
GWTS-BFF-INF2	GWTS-INF2-051120	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-051120	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-051120	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-051120	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-051120	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-060320	2.1	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-060320	0.1	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-060320	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-060320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-060320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-060320	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-060320	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-060320	2.1	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-060320	0.1	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-060320	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-060320	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-060320	1	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-GAC2	GWTS-GAC2-060320	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-060320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-060320	2.1	mg/l
GWTS-BFF-INF2	GWTS-INF2-060320	0.1	mg/l
GWTS-BFF-INF2	GWTS-INF2-060320	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-060320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-060320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-060320	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-060320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-060320	2.1	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-060320	0.1	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-060320	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-060320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-060320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-060320	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-060320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	2.1	mg/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	0.1	mg/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-060320	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-060320	2.1	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-060320	0.1	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-060320	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-060320	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-060320	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-060320	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-060320	6	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-060320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-060320	2.1	mg/l
GWTS-BFF-INF1	GWTS-INF1-060320	0.1	mg/l
GWTS-BFF-INF1	GWTS-INF1-060320	0.029	ug/l
GWTS-BFF-INF1	GWTS-INF1-060320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-060320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-060320	6	ug/l
GWTS-BFF-INF1	GWTS-INF1-060320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	200	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	80	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	0.1	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	0.02	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	100	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-EFF1	GWTS-EFF1-072320	20	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	10	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	10	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	10	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	20	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	4	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	10	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-072320	5	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-072320	0.21	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-072320	0.01	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-072320	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-072320	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-072320	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-072320	6	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	200	mg/l
GWTS-BFF-INF1	GWTS-INF1-072320	80	mg/l
GWTS-BFF-INF1	GWTS-INF1-072320	0.1	mg/l
GWTS-BFF-INF1	GWTS-INF1-072320	0.02	mg/l
GWTS-BFF-INF1	GWTS-INF1-072320	0.21	mg/l
GWTS-BFF-INF1	GWTS-INF1-072320	0.01	mg/l
GWTS-BFF-INF1	GWTS-INF1-072320	0.028	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	100	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	20	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	10	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	10	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	6	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	10	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	20	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	4	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	10	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-INF1	GWTS-INF1-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	2	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	0.1	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	0.02	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	2	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	0.1	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	0.02	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	100	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	20	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	10	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	10	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	20	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	4	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	10	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	100	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	20	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	10	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	10	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	20	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	4	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	10	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-072320	5	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-072320	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-072320	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-072320	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-072320	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-072320	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-072320	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	mg/l
GWTS-BFF-INF2	GWTS-INF2-072320	2	mg/l
GWTS-BFF-INF2	GWTS-INF2-072320	0.1	mg/l
GWTS-BFF-INF2	GWTS-INF2-072320	0.02	mg/l
GWTS-BFF-INF2	GWTS-INF2-072320	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-072320	0.02	mg/l
GWTS-BFF-INF2	GWTS-INF2-072320	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-072320	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-072320	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	100	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	20	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	10	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	10	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	20	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	4	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	10	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	10	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-INF2	GWTS-INF2-072320	5	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-080520	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-080520	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-080520	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-080520	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-080520	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-080520	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-080520	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-080520	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-080520	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-080520	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-080520	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-080520	1	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-GAC2	GWTS-GAC2-080520	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-080520	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-080520	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-080520	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-080520	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-080520	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-080520	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-080520	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-080520	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-080520	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-080520	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-080520	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-080520	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-080520	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-080520	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-080520	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-080520	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-080520	0.21	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-080520	0.01	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-080520	0.028	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-080520	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-080520	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-080520	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-080520	6	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-080520	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-080520	0.21	mg/l
GWTS-BFF-INF1	GWTS-INF1-080520	0.01	mg/l
GWTS-BFF-INF1	GWTS-INF1-080520	0.029	ug/l
GWTS-BFF-INF1	GWTS-INF1-080520	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-080520	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-080520	6	ug/l
GWTS-BFF-INF1	GWTS-INF1-080520	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-082620	12	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-082620	0.53	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-082620	0.53	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-082620	0.53	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-082620	0.53	ug/l
GWTS-BFF-INF1	GWTS-INF1-082620	11	ug/l
GWTS-BFF-INF1	GWTS-INF1-082620	0.52	ug/l
GWTS-BFF-INF1	GWTS-INF1-082620	0.52	ug/l
GWTS-BFF-INF1	GWTS-INF1-082620	0.52	ug/l
GWTS-BFF-INF1	GWTS-INF1-082620	0.52	ug/l
KAFB-106233	KAFB-106233	12	ug/l
KAFB-106233	KAFB-106233	0.53	ug/l
KAFB-106233	KAFB-106233	0.53	ug/l
KAFB-106233	KAFB-106233	0.53	ug/l
KAFB-106233	KAFB-106233	0.53	ug/l
KAFB-106234	KAFB-106234	11	ug/l
KAFB-106234	KAFB-106234	0.51	ug/l
KAFB-106234	KAFB-106234	0.51	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106234	KAFB-106234	0.51	ug/l
KAFB-106234	KAFB-106234	0.51	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-A1-090120	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-A2-090120	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-A3-090120	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-B1-090120	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-B2-090120	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-B3-090120	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-A1-090120	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-A2-090120	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-A3-090120	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-B1-090120	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-B2-090120	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-B3-090120	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-090920	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-090920	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-090920	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-090920	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-090920	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-090920	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-090920	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-090920	0.21	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-090920	0.01	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-090920	0.028	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-090920	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-090920	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-090920	6	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-090920	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-090920	6	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-090920	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-090920	0.21	mg/l
GWTS-BFF-INF1	GWTS-INF1-090920	0.01	mg/l
GWTS-BFF-INF1	GWTS-INF1-090920	0.029	ug/l
GWTS-BFF-INF1	GWTS-INF1-090920	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-090920	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-090920	6	ug/l
GWTS-BFF-INF1	GWTS-INF1-090920	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-090920	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-090920	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-090920	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-090920	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-090920	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-090920	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-090920	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-090920	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-090920	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-090920	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-090920	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-090920	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-090920	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-090920	6	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-GAC2	GWTS-GAC2-090920	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-090920	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-090920	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-090920	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-090920	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-090920	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-090920	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-090920	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-100120	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-100120	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-100120	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-100120	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-100120	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-100120	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-100120	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-100120	0.21	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-100120	0.01	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-100120	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-100120	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-100120	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-100120	6	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-100120	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-100120	0.21	mg/l
GWTS-BFF-INF1	GWTS-INF1-100120	0.01	mg/l
GWTS-BFF-INF1	GWTS-INF1-100120	0.029	ug/l
GWTS-BFF-INF1	GWTS-INF1-100120	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-100120	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-100120	6	ug/l
GWTS-BFF-INF1	GWTS-INF1-100120	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-100120	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-100120	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-100120	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-100120	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-100120	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-100120	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-100120	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-100120	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-100120	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-100120	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-100120	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-100120	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-100120	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-100120	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-100120	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-100120	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-100120	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-100120	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-100120	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-100120	1	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-INF2	GWTS-INF2-100120	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-100120	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-111120	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-111120	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-111120	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-111120	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-111120	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-111120	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-111120	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-111120	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-111120	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-111120	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-111120	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-111120	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-111120	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-111120	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-111120	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-111120	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-111120	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-111120	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-111120	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-111120	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-111120	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-111120	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-111120	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-111120	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-111120	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-111120	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-111120	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-111120	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-111120	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-111120	0.21	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-111120	0.01	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-111120	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-111120	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-111120	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-111120	6	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-111120	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-111120	0.21	mg/l
GWTS-BFF-INF1	GWTS-INF1-111120	0.01	mg/l
GWTS-BFF-INF1	GWTS-INF1-111120	0.029	ug/l
GWTS-BFF-INF1	GWTS-INF1-111120	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-111120	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-111120	6	ug/l
GWTS-BFF-INF1	GWTS-INF1-111120	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-120320	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-120320	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-120320	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-120320	1	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-EFF1	GWTS-EFF1-120320	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-120320	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-120320	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-120320	0.21	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-120320	0.01	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-120320	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-120320	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-120320	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-120320	6	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-120320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-120320	0.21	mg/l
GWTS-BFF-INF1	GWTS-INF1-120320	0.01	mg/l
GWTS-BFF-INF1	GWTS-INF1-120320	0.028	ug/l
GWTS-BFF-INF1	GWTS-INF1-120320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-120320	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-120320	6	ug/l
GWTS-BFF-INF1	GWTS-INF1-120320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-120320	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-120320	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-120320	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-120320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-120320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-120320	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-120320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-120320	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-120320	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-120320	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-120320	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-120320	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-120320	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-120320	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-120320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-120320	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-120320	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-120320	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-120320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-120320	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-120320	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-120320	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-011221	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-011221	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-011221	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-011221	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-011221	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-011221	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-011221	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-011221	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-011221	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-011221	0.029	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-GAC2	GWTS-GAC2-011221	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-011221	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-011221	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-011221	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-011221	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-011221	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-011221	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-011221	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-011221	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-011221	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-011221	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-011221	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-011221	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-011221	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-011221	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-011221	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-011221	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-011221	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-011221	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-011221	0.21	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-011221	0.01	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-011221	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-011221	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-011221	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-011221	6	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-011221	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-011221	0.21	mg/l
GWTS-BFF-INF1	GWTS-INF1-011221	0.01	mg/l
GWTS-BFF-INF1	GWTS-INF1-011221	0.029	ug/l
GWTS-BFF-INF1	GWTS-INF1-011221	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-011221	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-011221	6	ug/l
GWTS-BFF-INF1	GWTS-INF1-011221	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-A1-011221	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-A2-011221	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-A3-011221	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-B1-011221	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-B2-011221	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-B3-011221	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-A1-011221	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-A2-011221	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-A3-011221	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-B1-011221	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-B2-011221	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-B3-011221	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-020521	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-020521	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-020521	0.03	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-020521	1	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-EFF1	GWTS-EFF1-020521	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-020521	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-020521	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-020521	0.21	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-020521	0.01	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-020521	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-020521	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-020521	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-020521	6	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-020521	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-020521	0.01	mg/l
GWTS-BFF-INF1	GWTS-INF1-020521	0.21	mg/l
GWTS-BFF-INF1	GWTS-INF1-020521	0.029	ug/l
GWTS-BFF-INF1	GWTS-INF1-020521	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-020521	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-020521	6	ug/l
GWTS-BFF-INF1	GWTS-INF1-020521	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-020521	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-020521	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-020521	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-020521	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-020521	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-020521	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-020521	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-020521	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-020521	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-020521	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-020521	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-020521	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-020521	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-020521	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-020521	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-020521	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-020521	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-020521	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-020521	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-020521	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-020521	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-020521	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030321	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030321	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030321	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030321	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030321	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030321	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030321	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030321	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030321	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030321	0.029	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-GAC2	GWTS-GAC2-030321	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030321	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030321	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030321	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030321	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030321	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-030321	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-030321	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-030321	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030321	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030321	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030421	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030421	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030421	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030421	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030421	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030421	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030421	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030421	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030421	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030421	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030421	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030421	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030421	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030421	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030421	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-030421	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-030421	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-030421	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030421	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030421	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-030421	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030521	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030521	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030521	0.03	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030521	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030521	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030521	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030521	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-030521	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030521	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030521	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030521	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030521	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030521	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030521	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030521	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030521	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-030521	0.01	mg/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-INF2	GWTS-INF2-030521	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-030521	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030521	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030521	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-030521	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030621	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030621	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030621	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030621	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030621	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030621	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030621	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030621	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030621	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030621	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030621	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030621	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030621	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030621	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030621	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-030621	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-030621	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-030621	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030621	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030621	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-030621	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030721	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030721	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030721	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030721	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030721	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030721	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030721	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030721	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030721	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030721	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030721	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030721	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030721	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030721	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030721	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030721	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-030721	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-030721	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-030721	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030721	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-030721	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-030721	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030821	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030821	0.010	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030821	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030821	1.0	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030821	1.0	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030821	6.0	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030821	1.0	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030821	0.21	mg/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-GAC2	GWTS-GAC2-030821	0.010	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030821	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030821	1.0	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030821	1.0	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030821	6.0	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030821	1.0	ug/l
GWTS-BFF-INF2	GWTS-INF2-030821	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-030821	0.010	mg/l
GWTS-BFF-INF2	GWTS-INF2-030821	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-030821	1.0	ug/l
GWTS-BFF-INF2	GWTS-INF2-030821	1.0	ug/l
GWTS-BFF-INF2	GWTS-INF2-030821	6.0	ug/l
GWTS-BFF-INF2	GWTS-INF2-030821	1.0	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030921	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030921	0.010	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-030921	0.028	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030921	1.0	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030921	1.0	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030921	6.0	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-030921	1.0	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030921	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030921	0.010	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-030921	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030921	1.0	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030921	1.0	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030921	6.0	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-030921	1.0	ug/l
GWTS-BFF-INF2	GWTS-INF2-030921	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-030921	0.010	mg/l
GWTS-BFF-INF2	GWTS-INF2-030921	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-030921	1.0	ug/l
GWTS-BFF-INF2	GWTS-INF2-030921	1.0	ug/l
GWTS-BFF-INF2	GWTS-INF2-030921	6.0	ug/l
GWTS-BFF-INF2	GWTS-INF2-030921	1.0	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031021	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-031021	0.010	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-031021	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031021	1.0	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031021	1.0	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031021	6.0	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031021	1.0	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031021	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-031021	0.010	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-031021	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031021	1.0	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031021	1.0	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031021	6.0	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031021	1.0	ug/l
GWTS-BFF-INF2	GWTS-INF2-031021	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-031021	0.010	mg/l
GWTS-BFF-INF2	GWTS-INF2-031021	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-031021	1.0	ug/l
GWTS-BFF-INF2	GWTS-INF2-031021	1.0	ug/l
GWTS-BFF-INF2	GWTS-INF2-031021	6.0	ug/l
GWTS-BFF-INF2	GWTS-INF2-031021	1.0	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031721	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-031721	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-031721	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031721	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031721	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031721	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-031721	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2DUP-031721	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031721	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-031721	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-031721	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031721	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031721	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031721	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-031721	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-031721	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-031721	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-031721	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-031721	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-031721	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-031721	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-031721	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-031721	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-031721	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-032421	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-032421	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-032421	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-032421	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-032421	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-032421	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-032421	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-032421	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-032421	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-032421	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-032421	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-032421	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-032421	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-032421	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-032421	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-032421	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-032421	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-032421	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-032421	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-032421	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-032421	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-032421	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-032421	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1-032421	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-032421	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-032421	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1-032421	6	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
GWTS-BFF-EFF1	GWTS-EFF1-032421	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	0.21	mg/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	0.01	mg/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	0.029	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	1	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	6	ug/l
GWTS-BFF-EFF1	GWTS-EFF1DUP-032421	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-032421	0.21	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-032421	0.01	mg/l
GWTS-BFF-GAC1	GWTS-GAC1-032421	0.029	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-032421	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-032421	1	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-032421	6	ug/l
GWTS-BFF-GAC1	GWTS-GAC1-032421	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-032421	0.21	mg/l
GWTS-BFF-INF1	GWTS-INF1-032421	0.01	mg/l
GWTS-BFF-INF1	GWTS-INF1-032421	0.029	ug/l
GWTS-BFF-INF1	GWTS-INF1-032421	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-032421	1	ug/l
GWTS-BFF-INF1	GWTS-INF1-032421	6	ug/l
GWTS-BFF-INF1	GWTS-INF1-032421	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-033121	0.21	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-033121	0.01	mg/l
GWTS-BFF-EFF2	GWTS-EFF2-033121	0.029	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-033121	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-033121	1	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-033121	6	ug/l
GWTS-BFF-EFF2	GWTS-EFF2-033121	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-033121	0.21	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-033121	0.01	mg/l
GWTS-BFF-GAC2	GWTS-GAC2-033121	0.029	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-033121	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-033121	1	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-033121	6	ug/l
GWTS-BFF-GAC2	GWTS-GAC2-033121	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-033121	0.21	mg/l
GWTS-BFF-INF2	GWTS-INF2-033121	0.01	mg/l
GWTS-BFF-INF2	GWTS-INF2-033121	0.029	ug/l
GWTS-BFF-INF2	GWTS-INF2-033121	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-033121	1	ug/l
GWTS-BFF-INF2	GWTS-INF2-033121	6	ug/l
GWTS-BFF-INF2	GWTS-INF2-033121	1	ug/l
KAFB-106239	GW239-211-PostDis	0.1	ug/l
KAFB-106239	GW239-211-PostDis	10	ug/l
KAFB-106239	GW239-211-PostDis	20	ug/l
KAFB-106239	IN2-211-PostDis	0.1	ug/l
KAFB-106239	IN2-211-PostDis	10	ug/l
KAFB-106239	IN2-211-PostDis	20	ug/l
KAFB-106239	GW239-211-PreDis	0.1	ug/l
KAFB-106239	GW239-211-PreDis	10	ug/l
KAFB-106239	GW239-211-PreDis	20	ug/l
KAFB-106239	GW239-204-PostDis	0.1	ug/l
KAFB-106239	GW239-204-PostDis	20	ug/l
KAFB-106239	GW239-204-PostDis	5	ug/l

Table G-6-2
Historical Groundwater Treatment System Performance Analytical Data from the Previous Three Quarters

sys_loc_code	sample_name	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106239	GW239-204-PreDis	25	ug/l
KAFB-106239	GW239-204-PreDis	20	ug/l
KAFB-106239	GW239-204-PreDis	0.1	ug/l
KAFB-106239	GW239-203-Post Dis	40	ug/l
KAFB-106239	GW239-203-Post Dis	10	ug/l
KAFB-106239	GW239-203-Post Dis	0.1	ug/l
KAFB-106239	GW239-203-PreDis	100	ug/l
KAFB-106239	GW239-203-PreDis	25	ug/l
KAFB-106239	GW239-203-PreDis	0.1	ug/l
KAFB-106005	KAFB-106005-WR-post	50	ug/l
KAFB-106005	KAFB-106005-WR-post	200	ug/l
KAFB-106005	KAFB-106005-WR-post	0.1	ug/l
KAFB-106028	KAFB-106028-WR-post	200	ug/l
KAFB-106028	KAFB-106028-WR-post	50	ug/l
KAFB-106028	KAFB-106028-WR-post	0.1	ug/l
KAFB-106239	KAFB-106239-WR-post	0.1	ug/l
KAFB-106239	KAFB-106239-WR-post	20	ug/l
KAFB-106239	KAFB-106239-WR-post	5	ug/l
KAFB-106005	KAFB-106005-WR-pre	200	ug/l
KAFB-106005	KAFB-106005-WR-pre	50	ug/l
KAFB-106005	KAFB-106005-WR-pre	0.1	ug/l
KAFB-106239	KAFB-106239-WR-pre	20	ug/l
KAFB-106239	KAFB-106239-WR-pre	5	ug/l
KAFB-106239	KAFB-106239-WR-pre	0.1	ug/l
KAFB-106028	KAFB-106028-WR-pre	0.1	ug/l
KAFB-106028	KAFB-106028-WR-pre	100	ug/l
KAFB-106028	KAFB-106028-WR-pre	25	ug/l
KAFB-106239	GW239-202-PreDis	0.1	ug/l
KAFB-106239	GW239-202-PreDis	20	ug/l
KAFB-106239	GW239-202-PreDis	25	ug/l
KAFB-106028	KAFB-106028-WR-pre	25	ug/l
KAFB-106239	GW239-202-PreDis	0.1	ug/l
KAFB-106239	GW239-202-PreDis	20	ug/l
KAFB-106239	GW239-202-PreDis	25	ug/l

Appendix G-6
Footnotes to Tables G-6-1 and G-6-2

[a] Lab reports for are provided in Appendix G-5. Each report is bookmarked in the PDF using the lab report title referred to in this column.
[b] See individual lab reports for a description of lab qualifiers.
[c] The EPA MDL is equivalent to the DoD DL.
[d] The EPA RDL is equivalent to the DoD LOD.
[e] The EPA PQL is equivalent to the DoD LOQ.
[f] NM WQCC numeric standards per the NMAC Title 20.6.2.3101A, Standards for Ground Water of 10,000 mg/L Total Dissolved Solids Concentration or Less (NMAC 2018). For metals, the NM WQCC numeric standard applies to dissolved metals.
[g] EPA National Primary Drinking Water Regulations, MCLs and Secondary MCLs, Title 40CFR Part 141, 143 (May 2018).
[h] EPA Region 6 RSL for Tapwater (November 2020) for hazard index = 1.0 for noncarcinogens and a 10-5 cancer risk level for carcinogens.
[i] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NM WQCC numeric standard or (2) EPA MCL. If no NM WQCC standard or MCL exists for any analyte, then the project screening level will be the EPA RSL.
< = less than
1Q2021 = first quarter, 2021
2Q2020 = second quarter, 2020
3Q2020 = third quarter, 2020
4Q2020 = fourth quarter, 2020
cas_rn = Chemical Abstract Service registry number
D = dissolved
DL = detection lmit
DoD = Department of Defense
EPA = U.S. Environmental Protection Agency
FD = field duplicate
ft = foot/feet
ID = identification
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
LOD = limit of detetion
LOQ = limit of quantitation
MCL = maximum contaminant level
MDL = method detection limit
mg/l = milligrams per liter
N (in "detect_flag" column) = no
N (in "fraction" column) = not applicable
N (in "sample_type_code" column)= normal
NM = New Mexico
NMAC = New Mexico Administrative Code
NS = not specificed
PQL = practical quantitation limit
Q1 = first quarter
RDL = report detection limit
RSL = regional screening level
T = total
U = Qualifier denotes the analyte was analyzed but not detected above the detection limit. The value associated with the U-qualifier is the LOD.
ug/l = micrograms per liter
WQCC = Water Quality Control Commission
WW = waste water
Y = yes

Appendix H-1

Non-Hazardous Liquid Investigation-Derived Waste Profiling and Disposal Documentation (January-March 2021)

Table H-1-1
Non-Hazardous GWM Liquid Investigation-Derived Waste Disposal in Q1 2021

Collection Date	Well ID or Waste Generation Location	Storage Container Type	Number of Containers	Estimated Volume (Gallons)	Treated Effluent Discharge Date	Treated Effluent Discharge Location
12/18/2020	Passive Sampler Deployment	Pail[a]	1	2.0	1/25/2021	GCMP
1/5/2021	Consolidated Drum #1	Pail[a]	2	10.0	1/25/2021	GCMP
1/5/2021	KAFB-3, 16, VA-2	Pail[a]	1	2.5	1/25/2021	GCMP
1/11/2021	KAFB-106012R, 009	Drum[b]	1	36.0	1/25/2021	GCMP
1/13/2021	KAFB-106004, 100, 099	Drum[b]	1	48.0	1/25/2021	GCMP
1/12/2021	KAFB-106013, 098, 097	Drum[b]	1	37.0	1/25/2021	GCMP
1/14/2021	KAFB-106102, 003, ER 211-02	Drum[b]	1	28.0	1/25/2021	GCMP
			Total	163.5		

Pail[a] = 5-gallon plastic bucket with press-on plastic cover

Drum[b] = 55-gallon polyethylene drum sealed with plastic cover and locking-ring steel collar

ER = Environmental Restoration

GCMP = Golf Course Main Pond

GWM = groundwater monitoring

ID = identification

Q1 = first quarter

VA = Veterans Administration

Table H-1-2
Non-Hazardous GWM Liquid IDW Disposal from Other Sources in Q1 2021

Collection Date	Well ID or Waste Generation Location[a]	Container Type	Number of Containers	Estimated Volume (Gallons)	Discharge Date	Effluent Discharge Location	Manifest Number
NA	None	NA	NA	NA	NA	NA	NA
			Total	0			

[a]There was no waste in this category disposed in Q1 2021

GWM = groundwater monitoring

ID = Identification

IDW = Investigation Derived Waste

NA = not applicable

Q1 = first quarter

Table H-1-3
Non-Hazardous GWM Liquid Investigation-Derived Waste Pending Disposal, Q1 2021

Collection Date	Well ID	Container Type	Number of Containers	Estimated Volume (Gallons)	Anticipated Disposal Location
2/24/2021	KAFB-106239	Poly Drum	1	15	GWTS
1/27/2021	KAFB-106IN2	Poly Drum	1	25	GWTS
1/27/2021	KAFB-106IN2	Poly Drum	1	10	GWTS
2/10/2021	KAFB-106016, 015, 003	Pail	1	3	GWTS
3/31/2021	GWTS frac tank clean out #1	Steel drum	1	50	off-site
3/31/2021	GWTS frac tank clean out #2	Steel drum	1	50	off-site
3/31/2021	GWTS frac tank clean out #3	Steel drum	1	50	off-site
3/31/2021	GWTS frac tank clean out #4	Steel drum	1	50	off-site
3/31/2021	GWTS frac tank clean out #5	Steel drum	1	25	off-site
			Total	278	

ID = identification

GWM = groundwater monitoring

GWTS = Ground water treatment system

off-site = permitted facility off Kirtland AFB

Pail = 5-gallon plastic bucket with press-on plastic cover

Poly Drum = 55-gallon plastic drum sealed with plastic cover and locking-ring steel collar

Q1 = first quarter

Steel drum = 55-gallon, open top drum with steel cover and lock ring

Table H-1-4
Non-Hazardous GWM Liquid Investigation-Derived Waste Pending Analysis, Q1 2021

Collection Date	Source	Container Type	Number of Containers	Estimated Volume (Gallons)	Anticipated Disposal Location
10/15/2020	Consolidated #5	Jerrican	1	3	GWTS
10/19/2020	106094	Poly Drum	1	10	GWTS
10/28/2020	106018	Poly Drum	1	20	GWTS
10/30/2020	106001	Poly Drum	1	10	GWTS
10/30/2020	106076	Poly Drum	1	14	GWTS
10/29/2020	106006	Poly Drum	1	10.5	GWTS
10/29/2020	106020	Poly Drum	1	24	GWTS
10/19/2020	106065	Poly Drum	1	5	GWTS
10/19/2020	106067, 017	Poly Drum	1	28	GWTS
11/24/2020	106080, ER204-04	Poly Drum	1	18	GWTS
12/16/2020	Calibration Fluid	Poly Drum	1	7	off site
12/16/2020	Decon water	Jerrican	1	0.25	GWTS
1/14/2021	Saltwater (brine)	Poly Drum	1	45	off site
3/23/2021	KAFB-106252	Steel Drum	1	17	GWTS
			Total	211.75	

GWM = Groundwater monitoring

GWTS = Groundwater Treatment System

Jerrican = 5-gallon plastic container with threaded cap

Off site = Permitted facility off Kirtland AFB

Poly Drum = 55-gallon plastic drum sealed with plastic cover and locking-ring steel collar

Steel drum = 55-gallon, open top drum with steel cover and lock ring

Q1 = first quarter

Table H-1-5
Non-Hazardous Liquid Drilling Investigation-Derived Waste Disposal in Q1 2021

Collection Date	Well ID	Container Type	Number of Containers	Estimated Volume (Gallons)	Discharge Date	Effluent Discharge Location
12/16/2020	KAFB-106S10	Steel Drum	1	30	1/25/2021	GWTS
12/16/2020	KAFB-106S10	Steel Drum	1	33	1/25/2021	GWTS
12/16/2020	KAFB-106S10	Steel Drum	1	3	1/25/2021	GWTS
			Total	66		

GWTS = groundwater treatment system
ID = identification
KAFB = Kirtland Air Force Base
Q1 = first quarter
Steel drum = 55-gallon, open top drum with steel cover and lock ring

Table H-1-6
Non-Hazardous Liquid Drilling Investigation-Derived Waste Pending Disposal in Q1 2021

Collection Date	Identification	Container Type	Number of Containers	Estimated Volume (Gallons)	Anticipated Discharge Location
Q4 2020 thru Q1 2021	Decon Pad Tank	3000-gal poly Tank	1	1900	GWTS
Q4 2020 thru Q1 2021	KAFB-106249-IDW-Water	275-gal tote	2	400	GWTS
Q4 2020 thru Q1 2021	KAFB-106251-IDW-Water	275-gal tote	3	450	GWTS
Q4 2020 thru Q1 2021	KAFB-106250-IDW-Water	275-gal tote	2	300	GWTS
			Total	3,050	

gal = gallon
GWTS = groundwater treatment system
IDW = investigation-derived waste
KAFB = Kirtland Air Force Base
Q1 = first quarter
Q4 = fourth quarter
Tote = 275 gallon poly tank with alunmium cage support

Table H-1-7
Non-Hazardous Liquid Drilling Investigation-Derived Waste Pending Analysis in Q1 2021

Collection Date	Identification	Container Type	Number of Containers	Estimated Volume (Gallons)	Anticipated Discharge Location
3/1/2021	Decon Pad Water Tank #1	2500-gal Poly	1	1500	GWTS
3/8/2021	Decon Pad Water Tank #2	3000-gal Poly	1	1800	GWTS
3/15/2021	KAFB-106252-01 Dev	Steel Drum	1	50	GWTS
3/15/2021	KAFB-106252-02 Dev	Steel Drum	1	50	GWTS
3/16/2021	KAFB-106252-03 Dev	Steel Drum	1	50	GWTS
3/16/2021	KAFB-106252-04 Dev	Steel Drum	1	50	GWTS
3/26/2021	KAFB-106248-01 Dev	Steel Drum	1	50	GWTS
3/27/2021	KAFB-106248-02 Dev	Steel Drum	1	50	GWTS
3/27/2021	KAFB-106248-03 Dev	Steel Drum	1	50	GWTS
3/27/2021	KAFB-106248-04 Dev	Steel Drum	1	50	GWTS
3/28/2021	KAFB-106248-05 Dev	Steel Drum	1	50	GWTS
3/28/2021	KAFB-106248-06 Dev	Steel Drum	1	50	GWTS
3/28/2021	KAFB-106248-07 Dev	Steel Drum	1	30	GWTS
			Total	3,830	

2500-gal poly = round, free-standing ploy tank, black,with top access port and drain valve
3000-gal poly = round, free-standing ploy tank, black,with top access port and drain valve
Dev = development
gal = gallon
GWTS = groundwater treatment system
KAFB = Kirtland Air Force Base
Q1 = first quarter
Steel drum = 55-gallon, open top drum with steel cover and lock ring

Appendix H-2

Non-Hazardous Solid Investigation-Derived Waste Profiling and Disposal Documentation (January-March 2021)

Table H-2-1
Non-Hazardous GWM Solid Waste Disposal in Q1 2021[a]

Collection Date	Container/Well ID	Matrix	Container Type	Estimated Volume (cubic yards)	Disposal Date	Transporter	Disposal Location
NA	NA	NA	NA	NA	NA	NA	NA
				0			

[a] There was no waste generated or disposed of in this category in Q1 2021.

GWM = Groundwater monitoring

ID = identification

NA = not applicable

Q1 = first quarter

Table H-2-2
Non-Hazardous GWM or GWTS Solid Waste Pending Disposal in Q1 2021

Collection Date	Container/Well ID	Matrix	Container Type	Estimated Volume (Cubic Yard)	Anticipated Disposal Location
1/14/2021	Feedstock for GWTS chlorine generator	Salt-Culinox 999	Poly drum	0.10	Off-Base Disposal
1/14/2021	Feedstock for GWTS chlorine generator	Salt-Culinox 999	Poly drum	0.14	Off-Base Disposal
			Total	0.24	

GWM = Groundwater monitoring

GWTS = Ground water treatment system

ID = identification

Q1 = first quarter

Table H-2-3
Non-Hazardous Drilling Solid Waste Pending Disposal in Q1 2021

Collection Date	Container/Well ID	Matrix	Container Type	Estimated Volume (cubic yard)	Anticapated Disposal Location	Source
2/25/2021	KAFB-106252-01	Soil	20 cu yd open	15	C&D Landfill[a]	EA
2/26/2021	KAFB-106252-02	Soil	20 cu yd open	17	C&D Landfill[a]	EA
2/26/2021	KAFB-106252-03	Soil	16 cu yd hardtop	10	C&D Landfill[a]	EA
3/7/2021	KAFB-106252-04	Soil	16 cu yd hardtop	7.5	C&D Landfill[a]	EA
3/7/2021	KAFB-106252-05	Soil	20 cu yd open	10	C&D Landfill[a]	EA
3/18/2021	KAFB-106248-01	Soil	20 cu yd open	17	C&D Landfill[a]	EA
3/18/2021	KAFB-106248-02	Soil	20 cu yd open	17	C&D Landfill[a]	EA
3/20/2021	KAFB-106248-03	Soil	16 cu yd hardtop	6	C&D Landfill[a]	EA
3/20/2021	KAFB-106248-04	Soil	20 cu yd open	3	C&D Landfill[a]	EA
11/11/2020	KAFB-106251-02	Soil	20 cu yd open	15	C&D Landfill[a]	Sundance
1/28/2021	KAFB-106249-01	Soil	20 cu yd open	15	C&D Landfill[a]	Sundance
1/28/2021	KAFB-106249-02	Soil	20 cu yd open	15	C&D Landfill[a]	Sundance
1/28/2021	KAFB-106249-03	Soil	20 cu yd open	15	C&D Landfill[a]	Sundance
2/10/2021	KAFB-106250-01	Soil	20 cu yd open	15	C&D Landfill[a]	Sundance
2/10/2021	KAFB-106250-02	Soil	20 cu yd open	15	C&D Landfill[a]	Sundance
2/10/2021	KAFB-106250-03	Soil	20 cu yd open	15	C&D Landfill[a]	Sundance
			Total	207.5		

C&D Landfill[a] = Kirtland AFB construction and demolition landfill

cu yd = cubic yard
EA = EA Engineering, Science, and Technology, Inc., PBC
ID = identification
Q1 = first quarter
Sundance = Sundance Consulting Inc.

Table H-2-4
Non-Hazardous Drilling Solid Investigation-Derived Waste Disposed, Q1 2021

IDW Yard Entry Date	Container ID	Matrix	Container Type	Estimated Volume (cubic yards)	Disposal Date	Transporter	Disposal Location	Source
11/18/2020	KAFB-106V3-01	Soil	20 cu yd open	12	2/4/2021	ACTenviro[a]	C&D Landfill	EA
11/22/2020	KAFB-106S10A-01	Soil	20 cu yd open	12	2/4/2021	ACTenviro[a]	C&D Landfill	EA
12/11/2020	KAFB-106S10A-02	Soil	20 cu yd open	16	2/4/2021	ACTenviro[a]	C&D Landfill	EA
12/16/2020	KAFB-106S10A-03	Soil	16 cu yd hardtop	10	3/10/2021	ACTenviro[a]	C&D Landfill	EA
12/16/2020	KAFB-106S10A-04	Soil	20 cu yd open	16	3/10/2021	ACTenviro[a]	C&D Landfill	EA
11/11/2020	KAFB-106251-03	Soil	20 cu yd open	15	3/17/2021	ACTenviro[a]	C&D Landfill	Sundance
11/16/2020	KAFB-106251-04	Soil	20 cu yd open	15	3/17/2021	ACTenviro[a]	C&D Landfill	Sundance
11/16/2020	KAFB-106251-05	Soil	20 cu yd open	15	3/17/2021	ACTenviro[a]	C&D Landfill	Sundance
			Total	111				

[a]ACTenviro, 6137 Edith Blve NE, Albuquerque, New Mexico 87107

C&D Landfill = Kirtland AFB construction and demolition landfill
cu yd = cubic yard
EA = EA Engineering, Science, and Technology, Inc., PBC
IDW = investigation derived waste
ID = identification
Q1 = first quarter
Sundance = Sundance Consulting Inc.

Table H-2-4b
Non-Hazardous Drilling Solid Investigation-Derived Waste Disposed, Q1 2021

IDW Yard Entry Date	Container ID	Matrix	Container Type	Estimated Volume (cubic yards)	Disposal Date	Transporter		Disposal Location
NA	NA	NA	NA	0	NA	NA	NA	NA
			Total	0				

[a] There was no waste generated or disposed of in this category in Q1 2021.

[b]ACTenviro, 6137 Edith Blve NE, Albuquerque, New Mexico 87107

C&D Landfill = Kirtland AFB construction and demolition landfill

cu yd = cubic yard

EA = EA Engineering, Science, and Technology, Inc., PBC

IDW = investigation derived waste

ID = identification

NA = not applicable

Q1 = first quarter

Sundance = Sundance Consulting Inc.

Table H-2-5
Non-Hazardous Drilling Solid Special Waste Disposed, Q1 2021

IDW Yard Entry Date	Container ID	Matrix	Container Type	Estimated Volume[a] (cubic yards)	Disposal Date	Transporter		Disposal Location
NA	NA	NA	NA	0	NA	NA	NA	NA
			Total	0				

[a] There was no waste generated or disposed of in this category in Q1 2021.

IDW = investigation derived waste
ID = identification
NA = not applicable
Q1 = first quarter

Appendix H-3

Hazardous Investigation-Derived Waste

Profiling and Disposal Documentation

(January-March 2021)

Table H-3-1
Hazardous Waste Disposal, Q1 2021

90-Day Entry Date	90-Day Deadline	Well Location/ Drum ID	Matrix	Source	Container Type	Estimated Volume (gallons)	Disposal Date	Transporter	Disposal Facility	Manifest Number	Profile Number
10/22/2020	1/19/2021	106008	Water	GWM	Steel Drum	40	1/15/2021	Clean Earth	CRS	13013994	1665028
10/22/2020	1/19/2021	CD #6									
10/23/2020	1/20/2021	106005, 059									
10/22/2020	1/19/2021	106028	Water	GWM	Steel Drum	22.5	1/15/2021	Clean Earth	CRS	13013994	1642632-01
10/23/2020	1/20/2021	106059	Water	GWM	Steel Drum	25	1/15/2021	Clean Earth	CRS	13013994	1642632-01
10/23/2020	1/20/2021	106005	Water	GWM	Steel Drum	23.5	1/15/2021	Clean Earth	CRS	13013994	1642632-01
10/22/2020	1/19/2021	106010	Water	GWM	Steel Drum	24	1/15/2021	CleanEarth	CRS	13013994	1642632-01
1/8/2021	4/7/2021	CD #1									
1/15/2021	4/14/2021	106005	Water	GWM	Steel Drum	40	2/19/2021	Clean Earth	CRS	13014140	1665028-00
1/15/2021	4/14/2021	106S10									
11/24/2020	2/21/2021	106014	Water	GWM	Steel Drum	52	2/19/2021	Clean Earth	CRS	13014140	1642632-01
11/24/2020	2/21/2021	106079									
11/24/2020	2/21/2021	Consolidated Drum #3 Q4									
12/24/2020	3/23/2021	KAFB-106S10 1 of 3	Water/ sand	MW	Steel Drum	50	2/19/2021	Clean Earth	CRS	13014140	1681539-00
12/24/2020	3/23/2021	KAFB-106S10 2 of 3	Water/ sand	MW	Steel Drum	50	2/19/2021	Clean Earth	CRS	13014140	1681539-00
12/24/2020	3/23/2021	KAFB-106S10 3 of 3	Water	MW	Steel Drum	20	2/19/2021	Clean Earth	CRS	13014140	1642632-01
12/30/2020	3/29/2021	KAFB-106S10 - Final	Water	MW	Steel Drum	52	2/19/2021	Clean Earth	CRS	13014140	1642632-01
					Total	399					

CD = Consolidated drum
Clean Earth = Clean Earth Inc. 5338 Williams SE, Albuquerque, NM 87105
CRS = Chemical Reclamation Services LLC 405 Powell St Avalon, TX 76623
GWM = Groundwater monitoring
ID = Identification
MW = Monitoring well installation
Q1 = first quarter
Steel drum = 55-gallon, open top drum with steel cover and lock ring

Table H-3-2a

Hazardous Waste Pending Disposal, Liquid, Q1 2021[a]

90-Day Entry Date	90-Day Deadline	Drum ID	Matrix	Source	Container Type[a]	Estimated Volume (gal.)	Status	Disposal Date
NA	NA	NA	NA	NA	NA	NA	NA	NA
					Total	**0**		

Table H-3-2b

Hazardous Waste Pending Disposal, Solid, Q1 2021[a]

90-Day Entry Date	90-Day Deadline	Drum ID	Matrix	Source	Container Type	Estimated Volume (cy)	Status	Disposal Date
NA	NA	NA	NA	NA	NA	NA	NA	NA
					Total	**0**		

[a] There was no waste maintained in this category at the end of Q1 2021.
cy = cubic yards
Gal = Gallon
ID = identification
NA = Not applicable
Q1 = first quarter

Table H-3-3
2021 Running Total of Hazardous Waste Disposal

2021 Calendar Quarter	Calendar Months	Matrix	Source	Estimated Volume (gallons)	Transporter	Disposal Facility
Q1	January-March	Water	GWM/Drilling	399	Clean Earth	Chemical Reclamation Services LLC 405 Powell St Avalon, TX 76623
Q2	April-June	TBD	TBD	TBD	TBD	TBD
Q3	July-September	TBD	TBD	TBD	TBD	TBD
Q4	October-December	TBD	TBD	TBD	TBD	TBD
			2021 Running Total	**399**		

Clean Earth = Clean Earth Inc. 5338 Williams SE, Albuquerque, NM 87105
GWM = Groundwater monitoring
TBD = To be determined
Q1 = first quarter
Q2 = second quarter
Q3 = third quarter
Q4 = fourth quarter
TX = Texas